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PRODUCT CONTENTS

Mick Slein
CEO, ROBUS

WELCOME LETTER

Dear Customer,

The last two years have been the most unpredictable in the history of all our businesses, and we are extremely grateful for your continued loyal support. Over 82% of our customers have dealt with us for more than 15 years, and we are incredibly thankful for these long-term trusted partnerships.

As I sat down to write this letter, it didn't feel like the right time to list off our strategy, which you can see on the inside back cover. It felt a little too corporate, formulaic, a bit boring, and to be frank uninspiring. I noticed most of our competitors don't include a letter from the CEO, and I started to ask myself what was the purpose of including this section in the ROBUS catalogue. What is most important to me and the ROBUS team is:

1. Thanking our customers

2. Providing a brief update on our plans for 2022

3. Identifying how we can continue to add value to our customers, by improving your experience with ROBUS

With that in mind I'd like to share our plans for 2022. We are focused on continuing our journey to become our customers most trusted LED lighting brand. To realise that vision we have invested heavily in the following areas:

DIGITAL
We have invested significantly in digital, and you will start to see new tools and improvements across our digital offering. We will be sending you updates and are excited to share how we can make your lives easier.

PEOPLE
We have more people in every department and continue to focus heavily on our people's development. As a result, your service levels will continue to improve from all areas of the business.

PRODUCT
We continue to evolve the range, fund new technology and bring you high quality innovative products. The new Modular Golf on page 202 is an excellent example of the continued evolution of a product we started selling in 1991, can you believe, 31 years ago.

SUPPLY CHAIN
We are continuing to invest in stock and our logistics supply chain in 2022, a strategy which allowed us to have a 98% order fulfilment in 2021.

ENVIRONMENTAL
We have a senior team in the business that covers our global organisation, looking at how we can continue to make improvements to minimise our impact on the environment and find ways to give back and support our community.

And last, but not least, we are working hard to identify how we can add value for our customers in every way possible and at every touch point.

AT ROBUS, WE STRIVE TO BECOME 1% BETTER EVERY DAY, AND WE ARE ON A MISSION TO CONSISTENTLY IMPROVE AS INDIVIDUALS, AS TEAMS AND ULTIMATELY AS AN ENTIRE ORGANISATION. THIS BENEFITS YOU, OUR CUSTOMERS AS IT ENABLES US TO OFFER BETTER SERVICE, BETTER PRODUCTS, AND AN OVERALL IMPROVED EXPERIENCE.

We don't need to be told what we are good at and therefore my call to action from this letter is:
Tell me how I can make ROBUS a better fit for your business!

Send me an email to improve@robus.com outlining what we can improve and any suggestions you have on how we can make it better, and I will give you my full commitment that this is something I will review and provide feedback on.

I look forward to the challenge, which will help us develop an even better business for you in 2022 and beyond.

Kind Regards,

Mick

Mick Slein
CEO, ROBUS
M: +353 83 3010000
E: mgslein@robus.com

ONE OF MY BIGGEST ACHIEVEMENTS WAS, WITH THE SUPPORT AND COOPERATION FROM MANY OTHER TEAMS IN THE BUSINESS, DEVELOPING THE ROBUS VEGAS LED FLEXI-STRIP RANGE WHICH CONTINUES TO BE AN INDUSTRY BEST SELLER.

Malwina Albińska
NPD PROJECT EXECUTIVE

Mal

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I LOVE EVERY PART OF MY JOB. EVEN AFTER 18 YEARS IN ROBUS, I'M HAPPIEST AT THE END OF THE WEEK KNOWING EVERY CUSTOMER RECEIVED EXACTLY WHAT THEY ORDERED, ON TIME. THAT MAKES ME HAPPY.

Jamie

Jamie Rooney
DISPATCH TEAM LEAD

ROBUS.COM
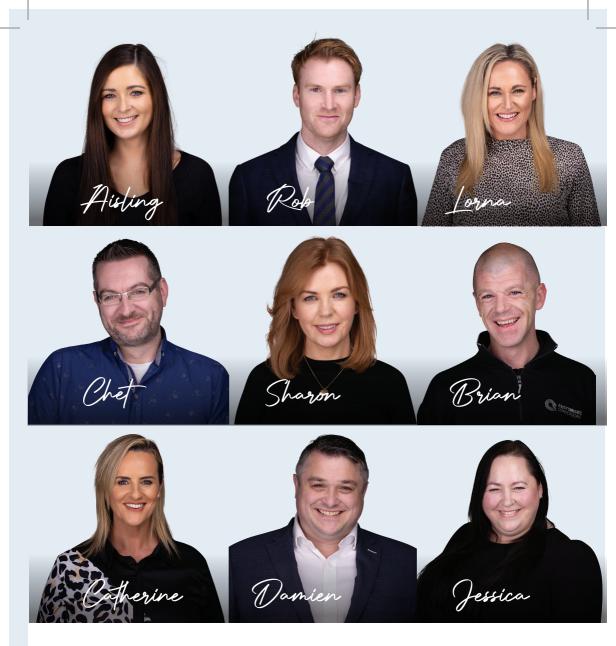
I JUMP OUT OF BED
BECAUSE I ENJOY
WORKING WITH
CUSTOMERS
SO MUCH.
THEY TRUST
ME. IF THERE
IS AN ISSUE,
I TACKLE IT
HEAD ON AND
I LOVE THAT
AND SO DO MY
CUSTOMERS.

Paddy

Paddy Dunne
ASM IRELAND

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Aisling *Rob* *Lorna*

Chet *Sharon* *Brian*

Catherine *Damien* *Jessica*

ROBUS WOULDN'T BE THRIVING TODAY WITHOUT IT'S PEOPLE. WE KNOW HOW TO WORK HARD, GET THE JOB DONE AND HAVE FUN DOING IT.

I GET EXCITED ABOUT PROCESS! WORKING CLOSELY WITH SUPPLIERS AND THE TEAM I MAKE SURE WE APPLY A CERTIFIED ISO PROCESS SO OUR PRODUCTS MAINTAIN THE STANDARD AND QUALITY CUSTOMERS EXPECT.

Susan

Susan Hughes-Coleman
ASSISTANT TECHNICAL & QUALITY MANGER

WHAT ARE WE DOING TO BECOME MORE SUSTAINABLE?

ESG Project was launched in September 2021 with the aim of developing a cohesive company wide system to manage the seven core subjects of ESG as per the ISO26000:2010 guidelines.

ORGANISATIONAL GOVERNANCE

Establishing a global team that will map out short, medium and long term goals and objectives for the ESG Project.

HUMAN RIGHTS

With the aim of respecting & maintaining human rights we are further developing the policies and practices currently in place to improve the fundamental principles and rights at work both internally and within our sphere of influence.

LABOUR PRACTICES

Managing all policies and practices relating to work performed within, by or on behalf of the organisation, including subcontracted work in accordance with international labour laws.

FAIR OPERATING PRACTICES

Ensure that the company behaves ethically in all business dealings, promotes honest, transparent work practices and works with its business partners to prevent corruption. TRUST ROBUS

THE ENVIRONMENT

Further expanding our environmental management system to negate any negative impact caused by the organisation's activities & actions including:
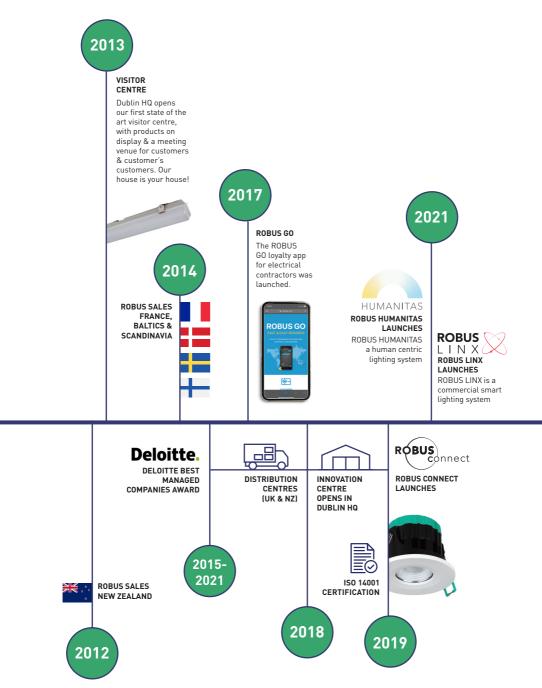
- Moving to a fully EV / PHEV fleet of company vehicles
- Only using carriers with certified EMS's (EG. ISO14000)
- Optimising our deliveries
- Reviewing all packaging to eliminate single use or non-recyclable plastics

CONSUMER ACTIONS

Ensuring that our customers are respected and protected through the provision of high quality, safe and accurately marketed products including

- Maintaining our certified QMS (Quality Management System) as per ISO90001 and LIAQA Certification
- Ensuring new product development focusses on delivering high quality, safe, reliable, energy efficient (LED) and sustainable products.

COMMUNITY INVOLVEMENT & DEVELOPMENT

From a lighting industry perspective ROBUS are highly involved with the LIA and LAI. In terms of community development, we support and encourage a number of local charities including SOAR, Together Academy and The Down Syndrome Centre to educate our staff on the organisations needs and goals.

LED GROUP TIMELINE

1997

1996

ISO CERTIFIED LED

ROBUS SALES UK
LED Group takes exciting first steps into the UK

2001

CHINA OFFICE OPENS

ROBUS SALES UAE
Exports Director travelled to the UAE to create further opportunities and relationships which proved highly successful

2009

2011

STOCKISTS ONLINE ORDERING
ROBUS provide a tailored stockist online ordering system robusdirect.com

2008

ROBUS SALES BENELUX

ROBUS DIRECT
online ordering system for electrical wholesalers

LED GROUP FOUNDED BY MICHAEL SLEIN, WITH 2 PARTNERS

1984

PARTNER BUY OUT
Michael saw the potential in sourcing products from Asia and became the first Irish or UK company to import lighting products from there

1990

MOVED TO CURRENT HQ IN DUBLIN, IE
Due to rapid expansion LED Group moved to a 100,000 sq. feet premises in Dublin

2005

BEST COMPANY TO WORK FOR IN IRELAND AWARD

2006

ROBUS AUSTRALASIA

2010

LED GROUP TIMELINE

2013

VISITOR CENTRE

Dublin HQ opens our first state of the art visitor centre, with products on display & a meeting venue for customers & customer's customers. Our house is your house!

2017

ROBUS GO

The ROBUS GO loyalty app for electrical contractors was launched.

2021

2014

ROBUS SALES FRANCE, BALTICS & SCANDINAVIA

ROBUS GO
FAST & EASY REWARDS

HUMANITAS

ROBUS HUMANITAS LAUNCHES

ROBUS HUMANITAS a human centric lighting system

ROBUS LINX

ROBUS LINX LAUNCHES

ROBUS LINX is a commercial smart lighting system

Deloitte.

DELOITTE BEST MANAGED COMPANIES AWARD

DISTRIBUTION CENTRES (UK & NZ)

INNOVATION CENTRE OPENS IN DUBLIN HQ

ROBUS connect

ROBUS CONNECT LAUNCHES

ROBUS SALES NEW ZEALAND

2015-2021

ISO 14001 CERTIFICATION

2018

2019

2012

ROBUS
CONNECT

ROBUS CONNECT
INTRODUCTION

SMART HOME SYSTEM

ROBUS CONNECT is a cloud based smart home system that transforms the way you interact with devices including lights, sensors, doorbells, cameras in your home or office. Most ROBUS CONNECT compatible products will work without the use of a hub.

WAYS TO CONTROL YOUR DEVICES

1. ROBUS CONNECT APP
Set scenes, and control devices with a click

2. COMPATIBLE DIGITAL ASSISTANT
No need to move a muscle. Control your devices using your voice via a digital assistant

3. TACTILE TECHNOLOGY
Trigger a scene with a physical button press
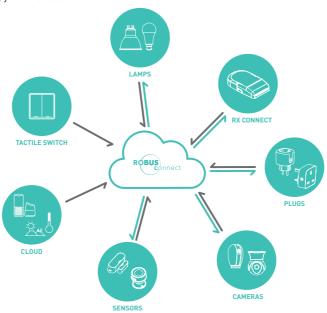
4. ROBUS CONNECT AUTOMATIONS
Time, weather and device status can make anything happen

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ROBUS CONNECT
CLOUD CONNECTION

THE SIMPLICITY OF INSTALLING ROBUS CONNECT PRODUCTS DOES NOT TAKE AWAY FROM THE POWER OF THE SYSTEM. BY USING THE APP AND CLOUD SERVER YOU CAN CREATE CONNECTIONS BETWEEN ANY, AND ALL, DEVICES.

Any ROBUS CONNECT device can be an input, an output, or usually both. Through the intuitive Automations system you connect your devices together to make your home work how you need it. Smart homes are not about making things more complicated, its about making your life easier.

LAMPS

RX CONNECT

TACTILE SWITCH

ROBUS connect

PLUGS

CLOUD

CAMERAS

SENSORS

EXAMPLE 1
Need your landing light on when someone leaves a bedroom at night? Connect your PIR CONNECT with your GLS CONNECT.

EXAMPLE 2
Want the porch light on when someone is at the door? Connect your DOORBELL CONNECT to the RX CONNECT.

EXAMPLE 3
Want to turn on your heater with a press of a button or by voice? Connect your SWITCH CONNECT and digital assistant to your PLUG CONNECT.

EXAMPLE 4
Need your sitting room lights to turn on when the kettle has boiled but only if someone is upstairs and its raining outside? Connect your GU10 CONNECT to a PLUG CONNECT to a PIR CONNECT to a weather Automation.

ROBUS CONNECT
THE BENEFITS

ON/OFF

Wouldn't it be so much cooler if you could turn your devices on and off using your smart phone? Well, with ROBUS CONNECT you can.

DIMMING

Control how bright your lights are at any time.

GROUPING

Use your ROBUS CONNECT devices individually or group them so they can be controlled together. By room or reason.

MULTI-USER

ROBUS CONNECT allows you to give control of your device to others, once they have internet connection.

SCHEDULES

You can set timers for all the ROBUS CONNECT light fittings in your home. Set them to come on when you usually get back from work or to turn off when you leave in the morning.

COLOUR SELECT

Choose from a range of white colour temperatures and any other colour imaginable using your smartphone.

AUTOMATION

Create automations which make your ROBUS CONNECT devices respond to scenarios automatically. Set your lights to react to certain environmental conditions (temperature, humidity, sunrise etc.). Turn light fittings on in the hall when the Door Sensor is activated in the kitchen.

ENERGY SAVING

Controlling and/or scheduling your devices will ensure that none of them are left on when they don't need to be.

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ROBUS CONNECT
THE BENEFITS

SET THE SCENE

Set the scene you want in your home or room. You can customise your own scenes. Once you have a lighting sequence that you want to repeat in the future you can save it in the ROBUS CONNECT App as a Scene, e.g. 'Wake Up', 'Chill Time', 'Homework', 'Movie Night'.

SECURITY

The ROBUS CONNECT cameras and doorbell let you keep an eye on what's happening inside and outside of your home. Images are stored in the cloud so you can look back on any detected movement.

USE WITH THE CLOUD

You can link your ROBUS CONNECT devices with Google Home and Amazon Alexa to open your smart home lighting system for infinite possibilities.

MULTI-LOCATION

As long as you have an internet connection, you can have complete control of your fitting from anywhere in the world. Never worry whether you left a device on before you went on holiday.

MOTION SENSOR

Put a ROBUS CONNECT sensor on your door or PIR in your home to detect and respond to movement in your home. If the kids bedroom door opens during the night, turn the light fittings on in the hall and bathroom.

Alexa, set kitchen to warm white

Alexa, set strip light to red

Scan here to download the
ROBUS CONNECT app

ROBUS CONNECT
SWITCH CONNECT & GATEWAY

NEW! ROBUS connect

SWITCH CONNECT BLE AND GATEWAY

Control all ROBUS CONNECT products in your home via SWITCH CONNECT BLE Wall Switch. The switch can be easily attached to any wall in your home with no wiring required or you can choose to transport it between rooms. With an unlimited amount of settings, ROBUS CONNECT has never been easier to use.

RCBWS2	SWITCH CONNECT BLE Wall Switch 2-GANG
RCBGW	SWITCH CONNECT BLE GATEWAY
Carton Qty:	10/10

CR2430
Battery

DIMENSIONS (mm)	Length	Width	Height
RCBWS	86	86	13
RCBGW	64	64	16
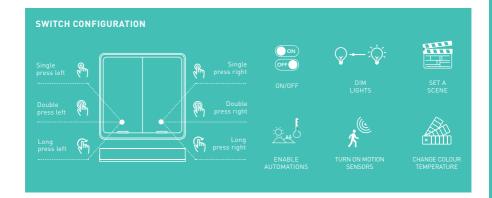
Scan here for more product information

ROBUS CONNECT
SWITCH CONNECT & GATEWAY

SWITCH CONFIGURATION

Single press left

Double press left

Long press left

Single press right

Double press right

Long press right

ON/OFF

DIM LIGHTS

SET A SCENE

ENABLE AUTOMATIONS

TURN ON MOTION SENSORS

CHANGE COLOUR TEMPERATURE

EASILY INSTALLED

Install in any location in the house. Stick to any wall with no wiring required or allow flexible transport around the home. You can install as many switches as you like.

TACTILE TECHNOLOGY

Real world interaction with technology. No app to open, no voice commands to learn. A new way to interact with ROBUS CONNECT that anyone can use.

SIMPLE DESIGN

Can be used by anyone in the home. It's simple, clean design allows it blend into the home easily - either on the wall or on your side table. 86mm x 86mm.

UNLIMITED SETTINGS

Each button has three settings; single press, double press and long press. Six settings can be applied per switch e.g. on/off, set a scene, dimming, colour change etc.

ROBUS CONNECT
VEGAS CONNECT

120W	240W	CCT1	CCT2	RGB

RGBW	ROBUS connect

VEGAS CONNECT 240W, IP20, SINGLE COLOUR, RGB & RGBW

This WIFI Controller works with a selection of ROBUS VEGAS LED Flexi-strip drivers and LED Flexi-strip and is available in Single Colour, Tunable White, RGB and RGBW. Once wired, simply attach the ROBUS VEGAS LED Flexi-strip to any surface you desire – under cabinets, window displays, kitchen islands etc. Set scenes using a variety of colour temperatures and a huge array of colour options.

3 YRS WARRANTY	30,000 HRS RATED HOURS	IP 20 IP RATING	12V/ 24V DC VOLTAGE	CCT1 CCT2 RGB RGBW CCT	VOICE CONTROL	NO HUB REQUIRED	SAFETY CLASS

DIMENSIONS (mm)	Length	Width	Height
RVACCT1-WIFI	99	39	21
RVACCT2-WIFI	99	37	21
RVARGB-WIFI	99	39	21
RVARGBW-WIFI	99	39	21

RVACCT1-WIFI

RVARGBW-WIFI

Scan here for more product information

ROBUS CONNECT
VEGAS CONNECT

Single Colour   Tunable White   RGB   RGBW

	RVACCT1-WIFI	RVACCT2-WIFI	RVARGB-WIFI	RVARGBW-WIFI
Total Power (W):	120/240	120/240	120/240	240
Colour:	White	Tunable white	RGB	RGB + white
Weight (kg):	0.15	0.15	0.15	0.15
Carton Qty:	100	100	100	100

Note: Note: VEGAS dimmable drivers do not work with VEGAS CONNECT controllers, please use the non-dimmable versions.

GLOUCESTER CAMPUS, GLOUCESTER, UK

ROBUS CONNECT
PULSE CONNECT

96W **CCT1** **RGB** ROBUS connect

PULSE CONNECT 96W WIFI CONTROLLER IP20 SINGLE COLOUR AND RGB

This WIFI Single Colour or RGB Dimming Controller works with a selection of ROBUS PULSE LED Flexi-strip drivers and LED Flexi-strip. Once wired, simply attach the ROBUS PULSE LED Flexi-strip to any surface you desire – under cabinets, window displays, kitchen islands etc. Control multiple controllers at once using the ROBUS CONNECT App.

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**IP 20** IP RATING	**12V DC** VOLTAGE	**CCT1 RGB** CCT	VOICE CONTROL	**NO HUB REQUIRED** NO HUB REQUIRED	**III** SAFETY CLASS
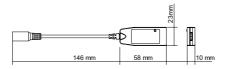
	R5MCCT1-WIFI	R5MRGB-WIFI
Total Power (W):	<1	<1
Weight (kg):	0.02	0.02
Carton Qty:	250	250

DIMENSIONS (mm)	Length	Width	Height
R5MCCT1-WIFI	204	23	10
R5MRGB-WIFI	204	23	10

23mm

146 mm   58 mm   10 mm

Scan here for more product information

Single colour   RGB

ROBUS CONNECT
PULSE CONNECT STRIPKIT

| 23W | CCT2 | RGBW |

ROBUS Connect

PULSE CONNECT 5M IP20 LED STRIPKIT – CCT2 TUNABLE & RGBW (RGB+3000K)

Complete with 5M LED Flexi-strip, driver and WIFI controller, everything you need to get set up without buying any additional accessories. Available in Tunable White and RGBW. If you select the ROBUS RGBW PULSE LED Flexi-strip Kit, you'll be able to create a classic under cabinet glow, a disco in the kitchen and any scene in between.

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | CCT2 RGBW CCT | VOICE CONTROL | NO HUB REQUIRED NO HUB REQUIRED | SAFETY CLASS |

	R5MSIK-CCT2	R5MSIK-RGBW
Total Power (W):	22.9	22.4
Total Light Output (lm):	1,360-1,580	690
CCT (K):	2700-6500	RGB, White, 3000K
CRI (Ra):	70	80
Power Factor (PF):	0.7	0.7
Weight (kg):	0.5	0.5
Carton Qty:	10	10

DIMENSIONS (mm)	Length	Width
R5MSIK-CCT2	5,000	10
R5MSIK-RGBW	5,000	10

Scan here for more product information

Tunable White   RGB

ROBUS CONNECT
PULSE CONNECT DIGITAL STRIPKIT

24W   **RGB**   **NEW!**   ROBUS connect

PULSE CONNECT 5M DIGITAL LED STRIP KIT RGB IP44

The 5M PULSE DIGITAL LED Strip kit comes complete with everything you need to install. The digital kit gives fully animated scenes and chase sequences, with a built in microphone the strip can react to any music or sounds playing. Control it from the included remote or with the ROBUS CONNECT app where you ca make your own sequences to match your occasion.

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**IP 44** IP RATING	**OP 220 240** OPERATING VOLTAGE	**RGB** CCT	VOICE CONTROL	**NO HUB REQUIRED** NO HUB REQUIRED	SAFETY CLASS

	R5MSIK-RGBD
Total Power (W):	24
CCT (K):	RGB
Power Factor (PF):	0.7
Weight (kg):	0.5
Carton Qty:	10

DIMENSIONS (mm)	Length	Width
R5MSIK-RGBD	5,000	10

Scan here for more product information

RGB

ROBUS CONNECT
ULTIMUM CONNECT

7W **CCT2** ROBUS connect

ULTIMUM CONNECT 7W IP65 WIFI TUNABLE FIRE RATED DOWNLIGHT

IP65, Fire Rated Downlight that will make any living space look sleek and stylish at the touch of a button. The ROBUS ULTIMUM CONNECT 7W Downlight can be controlled via the ROBUS CONNECT App from anywhere in the world. You'll be able to set the colour temperature of each, a select few or all fittings from 2,700K to 6,500K depending on what atmosphere you want to create at any given time.

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 73-90 LmW LUMENS PER W | FIRE RATED | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | CCT2 CCT | 60° BEAM ANGLE | VOICE CONTROL | NO HUB REQUIRED | SAFETY CLASS |

	RUL070WIFI-01
Comparable to:	50W LV Halogen
Total Power (W):	7.1 – 7.5
Total Light Output (lm):	540 - 630
Lux at 1m (lux):	480 - 570
CRI (Ra):	80
CCT (K):	2700-6500
Power Factor (PF):	0.9
Weight (kg):	0.28
Box Qty:	1

SEAI Approved

DIMENSIONS (mm)	Diameter	Cut-out	Depth	Projection
RUL070WIFI-01	85	72	60	4

ACCESSORIES

RULTRIM-03   ULTIMUM Polished Chrome Plastic Trim
RULTRIM-10   ULTIMUM Matt Black Plastic Trim
RULTRIM-13   ULTIMUM Brushed Chrome Plastic Trim

Scan here for more product information

ROBUS CONNECT
GLS CONNECT

7W	8W	CCT2	RGBW

ROBUS connect

8W WIFI TUNABLE WHITE & RGB/TUNABLE WHITE LED LAMP

Available in E27 and B22 cap types, the ROBUS GLS CONNECT is where a lot of users will start to experience WIFI controllable lighting. These fit in to standard table lamps, floor lamps and ceiling pendants in any room in the house.

2 YRS WARRANTY	25,000 HRS RATED HOURS	77-103 LmW LUMENS PER W	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	CCT2 RGBWW CCT	140°/180° BEAM ANGLE	VOICE CONTROL	NO HUB REQUIRED	SAFETY CLASS

	Tunable white	RGB + 2700-6500
E27	**RCG8CXE27**	**RCG7RGBCXE27**
B22	**RCG8CXB22**	**RCG7RGBCXB22**
Comparable to:	75W Incandescent	60W Incandescent
Total Power (W):	7.8-8.1	6.9-7.0
Total Light Output (lm):	740-820	530-610
Efficacy (lm/cctW):	95-103	77-89
Beam Angle:	180	140
Lux at 1m (lux):	110-120	100-110
CCT (K):	2700-6500	RGB + 2700-6500
CRI (Ra):	80	80
Power Factor (PF):	0.5	0.5
Weight (kg):	0.07	0.05
Box Qty:	100	100

DIMENSIONS (mm)	Diameter	Height
RCG8CXE27	60	122
RCG8CXB22	60	122

E27   B22   Ø60

Scan here for more product information

ROBUS CONNECT
GLS CONNECT COMPATIBLE PRODUCTS

COMPATIBLE WITH E27

WHITESTAR

R60BHPC-01/04	60W bulkhead with Photocell, IP44,
R60BHPIR-01/04	60W bulkhead with PIR, IP44,

Page 234

BEACON

L20065	60W aluminium bollard, IP44, 650mm
L200110	60W aluminium bollard, IP44, 1.1m

Page 242

ROBUS CONNECT
GU10 CONNECT

5W **CCT2** **RGBW** ROBUS connect

5W WIFI TUNABLE WHITE & RGB/TUNABLE WHITE LED LAMP

Retrofit the ROBUS GU10 CONNECT lamp into pre-existing downlights or fit as new. Why use standard light fittings controllable only by wall switch when you have the option to control them with the ROBUS CONNECT App or by voice controlled using Amazon Alexa or Google Assistant.

| 2 YRS WARRANTY | 25,000 HRS RATED HOURS | 74–93 LmW LUMENS PER W | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | CCT2 RGBWW CCT | 30°/110° BEAM ANGLE | VOICE CONTROL | NO HUB REQUIRED | SAFETY CLASS |

	Tunable white	RGB + Tunable white
	RCGU5CX	**RCGU5RGBCXH**
Comparable to:	50W halogen	50W halogen
Total Power (W):	5.2-5.3	5.0-5.1
Total Light Output (lm):	430-480	370-410
Efficacy (lm/cctW):	83-93	74-82
Lux at 1m (lux):	110-130	120-130
CCT (K):	2700-6500	2700-6500
CRI (Ra):	80	80
Power Factor (PF):	0.5	0.5
Weight (kg):	0.03	0.03
Box Qty:	10	10

SEAI approved
Triple E registered

Scan here for more product information

DIMENSIONS (mm) | Diameter | Depth
| RCGU5CX | 50 | 53.5 |
| RCGU5RGBCXH | 50 | 53.5 |

53.5mm

50mm

CAPELLA
RCPF10   CAPELLA mains voltage fired rated GU10 downlight, 90mm, w/o bezel
Page 160

STARLING
RSF201-01/03/13   50W mains voltage steel fire rated downlight, IP20, 85mm,
RSF208-01/03/13   50W mains voltage steel fire rated downlight, IP20, 85mm, directional
Page 163

ZAK
R201SCN-01/03/13   GU10 mains voltage DieCast AL downlight,max 50W,
R208SCN-01/03/13   GU10 mains voltage DieCast AL downlight,max 50W, directional
Page 193

SALLY
RS201E-01/03/13   50W GU10 mains voltage die cast D/L, IP20, 65mm, dimmable
RS208E-01/03/13   50W GU10 mains voltage die cast D/L, IP20, 75mm, dimmable
Page 194

RIDA
R201PS-01/03/13   50W GU10 pressed steel downlight, IP20, 60mm, White, dimmable
R208PS-01/03/13   50W GU10 pressed steel downlight, IP20, 60mm, White, dimmable, directional
Page 195

OUTDOOR

LEE
LS50GU-04   50W mains voltage garden spike, IP65, Black
Page 252

ROBUS CONNECT
GU10 CONNECT COMPATIBLE PRODUCTS

BATHROOM

STARLING

RSF20165-01/03/13   50W mains voltage steel fire rated shower downlight, IP65, 91mm,
Page 324

ROBIN

RS10165GZ-01/03/13   SHOWER 50W mains voltage GU10 downlight, IP65, 83mm
Page 326

TRACKS & PROJECTORS

ACORN

R888GZ-01/13   50W track spotlight, IP20,
R888GZ3-01/13   50W track kit, IP20, 1m,
Page 312

PETITE

RS806GZ-01/13   50W track spotlight, IP20,
RS806GZ3-01/13   150W track kit, IP20, 1m,
Page 314

ACCESSORIES

LAMP HOLDERS

SCGZ1050   GZ1050 lamp holder c/w 250mm leads
Page 392

ROBUS CONNECT
FILAMENT CONNECT

5W ROBUS connect

FILAMENT CONNECT, DIMMABLE

The ROBUS FILAMENT CONNECT range gives a stylish, antique aesthetic with the full smart capabilities of ROBUS CONNECT. Available is 2000K these lamps will add warmth and character to any environment.

| 2 YRS WARRANTY | 20,000 HRS RATED HOURS | 70 LmW LUMENS PER W | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 2000K CCT | 310° BEAM ANGLE | VOICE CONTROL | NO HUB REQUIRED | SAFETY CLASS |

	Candle
	RCFC522B15
	RCFC522E14
Total Power (W):	5.2
Total Light Output (lm):	360
Power Factor (PF):	0.55
Lux at 1m (lux):	15
CRI (Ra):	80
CCT (K):	2000
Weight (kg):	0.02
Box Qty:	10

DIMENSIONS (mm)	Width	Height
RCFC522B15	35	111
RCFC522E14	35	111

Scan here for more product information

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ROBUS CONNECT
RX CONNECT

200W   ROBUS connect

TRAILING EDGE WIFI DIMMER 200W

Transform existing dimmable light fittings to WIFI controllable with the ROBUS RX200D CONNECT 200W WIFI dImmer. If you recently replaced the light fittings in your home and would prefer not to replace all with WIFI Controllable fittings this is the perfect alternative option.

| 3 YRS WARRANTY | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | VOICE CONTROL | NO HUB REQUIRED | SAFETY CLASS |
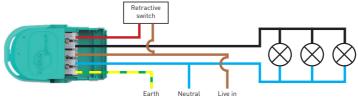
	RCRX200D
Dimmer type:	Trailing Edge
LED Load:	min 3W / max 200W
Connector:	Push Terminal
Weight (kg):	0.10
Carton Qty:	100

DIMENSIONS (mm)	Length	Width	Height
RCRX200D	120	68	25

WIRING
Image is representative of wiring, please see Installation Manual for correct guide

Retractive switch

Earth   Neutral   Live in

Scan here for more product information

CE RoHS

Code: RCP13UK-01
Voltage: 220-240V~50Hz
Load Max.: 13A (Resistive)
2A (Inductive & Capacitive)
LED GROUP NANGOR ROAD,
DUBLIN, D12 E7VP IRELAND

57209
2032

ROBUS CONNECT
PLUG CONNECT

PLUG CONNECT

Use the ROBUS PLUG CONNECT to make home appliances WIFI Controllable. We have all experienced that fear that we forgot to turn something off when we have left the house, whether that's a hair straightener, iron, radio etc. Using a ROBUS PLUG CONNECT on these devices will ensure that on the rare occasion you have left something on, you have the power to turn them off in the ROBUS CONNECT App at any time. Set the App to turn the plug off after a certain period or after certain power usage.

RCP13UK-01	PLUG CONNECT, with Power Metering, 13A, UK, White
RCP16EU-01	PLUG CONNECT, with Power Metering, 16A, EU, White
Carton Qty:	UK-144 / EU-120

DIMENSIONS (mm)	Length	Width	Depth
RCP13UK-01	58	58	62
RCP16EU-01	50	50	84

Scan here for more product information

ROBUS CONNECT
DOOR SENSOR CONNECT

DOOR SENSOR CONNECT

Through the ROBUS CONNECT App, the ROBUS DOOR SENSOR CONNECT will alert you when your door or window opens. Use the sensor as a trigger for other actions to occur through the ROBUS CONNECT App. For example if the kids' bedroom door opens, turn lights on in the hall so they can make their way to the bathroom and back. If the window opens, send a notification to let me know. All you need is 1 X CR123A Battery or micro-USB power and it's good to go.

RCDS-01	DOOR SENSOR CONNECT, WIFI, IP20, White
Carton Qty:	50

CR123A
Battery

DIMENSIONS (mm)	Length	Width	Height
RCDS-01	82	27	23

Scan here for more product information

ROBUS CONNECT
PIR CONNECT

PIR CONNECT

Introduce the ROBUS PIR CONNECT to further extend the interactivity of the devices in your home by using it as a trigger for other actions to occur. A ROBUS PIR CONNECT detects motion in any given area and can be used in the same way as a door sensor. All it needs is 2 X CR123A Batteries or micro-USB power. For example, if no motion is detected in the home for 20 minutes, turn off all light fittings. If motion is detected on the stairs turn on lights on the landing. If motion is detected in the front porch turn the light fittings on in the driveway.

RCPIR-01	PIR CONNECT, WIFI, IP20, White
Carton Qty:	50

CR123A
Battery

DIMENSIONS (mm)	Diameter	Height
RCPIR-01	56	68

Scan here for
more product
information

ROBUS CONNECT
CAMERA CONNECT

4.5W   ROBUS connect

CAMERA CONNECT

Used with the ROBUS CONNECT App and other ROBUS CONNECT devices, these attractive modern looking cameras with integrated WIFI monitor notify and record movements in the sensing area. Available in IP20 ratings for Indoor applications they add an additional layer of security to your home for peace of mind.

RCCI1080-01	CAMERA CONNECT, 4.5W, Indoor, 1080p, 2-way audio, IP20, White
Carton Qty:	24

2 way Audio   Motion Sensor   Cloud Storage   Day/Night mode

DIMENSIONS (mm)	Length	Width	Height
RCCI1080-01	58	63.5	96

Scan here for more product information

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ROBUS CONNECT
CAMERA CONNECT IP65

5.5W ROBUS Connect

CAMERA CONNECT IP65

Used with the ROBUS CONNECT App and other ROBUS CONNECT devices, these attractive modern looking cameras with integrated WIFI monitor, notify and record movements in the sensing area. Available in IP65 ratings for Outdoor applications they add an additional layer of security to your home for peace of mind.

RCCO1080-01	CAMERA CONNECT, 5.5W, Outdoor, 1080p, 2-way audio, IP65, White
Carton Qty:	24

2 way Audio   Motion Sensor   Cloud Storage   Day/Night mode

DIMENSIONS (mm)	Diameter	Height
RCCO1080-01	75	105

Scan here for more product information

ROBUS CONNECT
DOORBELL CONNECT & CHIME

ROBUS connect

DOORBELL CONNECT & CHIME

That's right, you can also choose a doorbell that does more than just ring. The ROBUS DOORBELL CONNECT not only lets you know someone is at the door, it allows you to view who that is through the ROBUS CONNECT App before you answer it. The ROBUS DOORBELL CONNECT is IP54 rated and has a built-in camera with 2-way audio. It will also work alongside all of your other cloud connected devices.

CHIME works alongside the ROBUS DOORBELL CONNECT. With the ROBUS CONNECT CHIME plugged into any USB power source you will know when someone's at the door without needing your phone.

RCD1080-04	DOORBELL CONNECT, WIFI, with 1080p Camera, IP54, Black
RCCHIME-01	CHIME, for use with DOORBELL CONNECT, White
Carton Qty:	20/20

2 way Audio   Motion Sensor   Cloud Storage   Day/Night mode

DIMENSIONS (mm)	Diameter	Length	Width	Height
RCD1080-04	N/A	28	45	115
RCCHIME-01	60	N/A	N/A	24
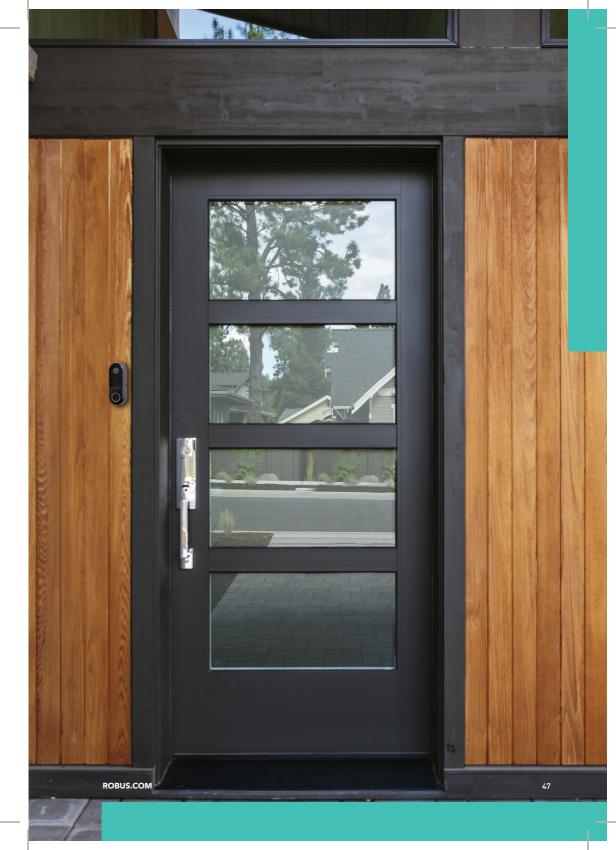
Scan here for more product information

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ROBUS HUMANITAS

HUMANITAS
HUMAN CENTRIC LIGHTING

ROBUS HUMANITAS HUMAN CENTRIC LIGHTING (HCL) IS A LIGHTING CONCEPT THAT TAKES INTO CONSIDERATION HOW LIGHTING AFFECTS OCCUPANT WELLBEING, PRODUCTIVITY AND COMFORT IN THE BUILT ENVIRONMENT.

50

50

INTRODUCTION

WHY IS HUMAN CENTRIC LIGHTING IMPORTANT?

PRIOR TO THE INVENTION OF ARTIFICIAL LIGHT, THE ONLY SOURCE OF NATURAL LIGHT WAS SUNLIGHT AND MOONLIGHT. OUR HUMAN BIOLOGY HAS EVOLVED IN RESPONSE TO THE DAY AND NIGHT LIGHTING CYCLE (AS WE FIND OUT VERY QUICKLY IF WE JET OFF TO A DIFFERENT TIME ZONE!).

There are two aspects to the sunlight cycle.

1. The light flux varies the illuminance through the day and disappears at night.

2. The blue-cyan content of the daylight also varies with time through the day. This type of light is called "melanopic light", because of the way in which it is detected by a pigment called "melanopsin" in the non-visual sensors in the eye, which signals to the brain and produces effects in the body which have nothing to do with our vision, but are central to our human biology.

The melanopic light content is low at dawn and dusk, because blue/cyan light is scattered out of the beam as the sunlight glances off the earth's atmosphere. As the sun rises further, the path length through the atmosphere shortens, and more of the melanopic blue/cyan light gets through. Melanopic light in the morning and middle of the day is our time giver and entrains our circadian rhythm. Cells in the retina respond to blue/cyan spectral content of the white light. This non-visual response sets the biological clock that synchronises our bodies with nature's cycle of sunrise and sunset.
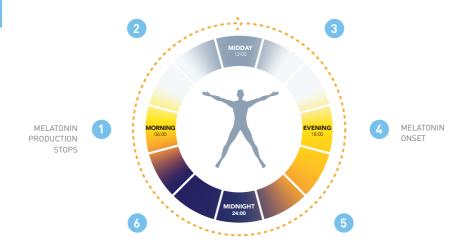
WHAT IS THE HUMAN CIRCADIAN RHYTHM?

The Latin words "circa diem" mean "about a day". Our bodies appear to run on a 24 hour and 12 minute day. That's called the "circadian rhythm". The body's clock needs to be reset every day, or it will drift.

Light, or more specifically, "melanopic" light (the blue-cyan part of the rainbow) is our primary timegiver. Melanopic light puts our body into day mode and sets our body clock.

MELATONIN
PRODUCTION
STOPS

MELATONIN
ONSET

2 **3** **1** **4** **6** **5**

MIDDAY
12:00

MORNING
06:00

EVENING
18:00

MIDNIGHT
24:00

1.
START WAKING UP
COOL LIGHT
HIGH INTENSITY

2.
HIGH ALERTNESS
COOL LIGHT
HIGH INTENSITY

3.
BEST COORDINATION &
FASTEST REACTION TIME
WHITE LIGHT
HIGH INTENSITY

4.
MELATONIN ONSET
WARM LIGHT
MEDIUM INTENSITY

5.
START FEELING SLEEPY
WARM LIGHT
LOW INTENSITY

6.
DEEPEST SLEEP
BODY RESTORATION
NO LIGHT

ROBUS HUMANITAS
HUMAN CENTRIC LIGHTING

THERE ARE FOUR KEY PILLARS TO THE DELIVERY OF HUMAN CENTRIC LIGHTING

Human centric lighting needs to be connected, intelligent lighting, which is programmable and wirelessly controlled, and offers an App control option.

1. GLARE MITIGATION
Mitigates the effects of glare to comfortable levels when used as part of a good lighting design. Offered on selected ROBUS HUMANITAS fittings where optical design allows.

2. FLICKER AND TEMPORAL LIGHT ARTEFACT (TLA) SUPPRESSION
Supresses temporal light artefacts such as flicker and strobing. Standard on all ROBUS HUMANITAS fittings.

3. ILLUMINANCE BOOSTING IN TASK LIGHTING TO PROMOTE ENHANCED VISUAL ACUITY
Promotes visual activity and attentiveness for reading, writing, computer work, telesales and other tasks requiring concentration. Enabled by ROBUS HUMANITAS designs at 75% dim level for standard illuminance, and the HCL+ function.

4. TIMED VARIATION OF BLUE-CYAN LIGHTING
This is the defining characteristic of a Human Centric Lighting system. Standard on all ROBUS HUMANITAS fittings.

ROBUS HUMANITAS
FEATURES

WHAT ARE THE HUMAN CENTRIC FEATURES OF ROBUS HUMANITAS?

ENTRAINING YOUR CIRCADIAN RHYTHM
ROBUS HUMANITAS, with its tunable white light HCL/HCL+ programmes, can help to keep your circadian rhythm entrained day-on-day and can improve your sleep at night.

AVOIDING THE DANGERS OF MELATONIN SUPPRESSION AT NIGHT
There is now significant evidence implicating melatonin suppression by Artificial Lighting at night (ALAN) having too high a melanopic factor (too much blue / cyan) in increasing the risk of prostate and breast cancers.

MORE LIGHT MEANS MORE VISUAL ACUITY
ROBUS HUMANITAS Installations are designed at a Maintenance Factor of 0.9, to deliver standard illuminance when operated at 75% dimming level. This leaves a reserve of 1/3rd of the standard illuminance lighting capacity in the ceiling, which can be called upon for times when additional task lighting is required to boost visual acuity.

DESIGNED FOR A "PERSON IN CHARGE" OF A LIT SPACE
ROBUS HUMANITAS, MODUM and the HUMANITAS APP are all designed around the concept of a "person-in-charge" end user model. The Zigbee wireless network architecture is fundamentally designed around the concept of a single Zigbee Controller (ZC) device. Ideal for the 'person-in-charge' concept.

LESS GLARE MEANS MORE COMFORT
Selected ROBUS HUMANITAS light fittings are equipped with optical design components which direct the light primarily downward, reducing the Unified Glare Rating (UGR) of the fitting and of the ultimate lighting scheme design.

LOW FLICKER
ROBUS HUMANITAS light fittings come with flicker-suppressing drivers as standard, with the ultimate aim of suppressing flicker to 8% at 100Hz.

CUSTOM MENU

The ROBUS HUMANITAS App offers the capability to write a 24 hour, 7 day recipe, different for each day of the week, as a variable programme for the lighting in a room which can be re-written as often as required by the "person-in-charge" of the lit space or by another person who wishes to set up the lighting for them on the CUSTOM recipe. This is end-user centred, allowing for real life changes.

ROBUS HUMANITAS
ROBUS HUMANITAS APP

TAKE CONTROL OF YOUR HUMAN CENTRIC LIGHT EXPERIENCE WITH THE
ROBUS HUMANITAS APP

ROBUS HUMANITAS IS HUMAN CENTRIC AND USER CENTRIC LIGHTING TECHNOLOGY THAT PUTS YOU IN CONTROL.

Take control of ROBUS HUMANITAS fittings with the ROBUS HUMANITAS app. The ROBUS HUMANITAS app is available to download from the Apple App store and Google Play App store.

Connect to ROBUS HUMANITAS MODUM controller via Bluetooth, using the unique PIN number of the MODUM unit. Only one phone may connect to a given MODUM at any one time, making its holder the designated "person-in-charge" of the room or lit space, for the time being.

Download on the
App Store

GET IT ON
Google Play

13:45

⚙ **ROBUS** HUMANITAS ⏻

Manual   Program

6500K   **Activate**

5000K   **Focus**

4000K   **Neutral**

2700K   **Calm**

CCT: 5626

connect

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ROBUS HUMANITAS
ROBUS HUMANITAS APP

CONTROL TUNABLE WHITE COLOUR TEMPERATURE

You can manually set the colour temperature of your lights by slides or to 4 pre-programmed settings.

CONTROL DIMMING LEVEL

Set the lighting level to suit your requirements by simply dragging a control.

3 PRE-SAVED CIRCADIAN HCL PROGRAMMES

HCL, HCL+ and Custom circadian and dynamic lighting programmes saved by default.

CREATE YOUR OWN CIRCADIAN PROGRAMME

You can create, modify and save a full circadian and dynamic lighting programme for seven days by using the CUSTOM editor.

4 FIXED SCENE SETS

Activate (100%, 6500K); Focus (100%, 5000K); Neutral (75%, 4000K) and Calm (65%, 2700K)

MANUAL SETTINGS

On the ROBUS HUMANITAS App, the person-in-charge can also manually set the colour temperature or dim the lights.

ROBUS HUMANITAS
MODUM HUMANITAS

HUMANITAS

MODUM HUMANITAS ZIGBEE HUMAN CENTRIC LIGHTING CIRCADIAN / SCENE CONTROLLER

- MODUM HUMANITAS is a microprocessor and Zigbee Controller (ZC) appliance, and so requires live,neutral and earth connections, and is installed on a separate circuit to the light fittings
- The conventional on / off light switch is retained on the light fitting circuit
- The HCL programme gradually varies the CCT of the light in accordance with typical outdoor CCT in spring and autumn
- The HCL+ programme also allows the light illuminance level to be increased as well as dimmed, allowing boosting of visual acuity for task lighting

5 YRS WARRANTY	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	SAFETY CLASS

	RHZMMEN-01
HCL Fixed Scene Sets:	4, plus off/on-to-Neutral 4000K/75%
Interface:	Capacitive Touch
App compatible:	HUMANITAS App
Carton Qty:	1

DIMENSIONS(mm)	Width	Length	Depth	Recessed Depth
RHZMMEN-01	85	85	35	21

Scan here for more product information

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ROBUS HUMANITAS
SPACE HUMANITAS

30W **CCT2** HUMANITAS

SPACE HUMANITAS 30W ZIGBEE CONTROLLED TUNABLE WHITE HCL PANEL, 2700-6500K, 600X600MM UGR<19

- Come with Zigbee wireless flicker-suppressed driver
- UGR<19 complies with the requirements of EN12464
- Luminance = 3000cd/m2 at ≥65° for ease of screen viewing
- TP$_b$ Rated

5 YRS	**50,000 HRS**	**104–113 LmW**	**IP 20**	**90°**	**OP 220 240**	**CCT2**	□
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	BEAM ANGLE	OPERATING VOLTAGE	CCT	SAFETY CLASS

	595 x 595mm	
	RHZSP306060-01	
Total Power (W):	100%	30.3
	75%	22.7
Total Light Output (lm) 4000K:	100%	3,400
	75%	2,550
CRI (Ra):		80
CCT (K):		2700-6500
Carton Qty:		5

SEAI approved
Triple E registered

DIMENSIONS(mm)	Length	Width	Height
RHZSP306060-01	595	595	9

Scan here for more product information

Tunable White

ROBUS HUMANITAS
GRANADA HUMANITAS

30W **CCT2**

HUMANITAS

GRANADA HUMANITAS 30W ZIGBEE CONTROLLED TUNABLE WHITE HCL LED DOWNLIGHT, 2700-6500K, UGR<19

- Come with Zigbee wireless flicker-suppressed driver
- Great aesthetics with clean look
- Low glare and UGR ≤19 for most installations
- Ensures the fitting is pulled up close to the ceiling – neat finish
- High efficacy with almost 50% energy savings

5 YRS	**50,000 HRS**	**87–102 LmW**	**IP 20**	**50°**	**OP 220 240**	**CCT2**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	BEAM ANGLE	OPERATING VOLTAGE	CCT	SAFETY CLASS

	RHZGA30-01
Total Power (W):	100% 30
	75% 22.5
Total Light Output (lm) 4000K:	100% 2,700
	2,025
CRI (Ra):	>80
CCT (K):	2700-6500
Carton Qty:	12

DIMENSIONS(mm)	Diameter	Depth	Cut-Out
RHZGA30-01	232	118	195

Scan here for more product information

Tunable White

ROBUS HUMANITAS
OWL HUMANITAS

13W **CCT2** HUMANITAS

OWL HUMANITAS 13W ZIGBEE CONTROLLED TUNABLE WHITE HCL GEAR TRAY, IP65, 2700-6500K

- Come with Zigbee wireless flicker-suppressed driver
- Retrofits easily to the GOLF 10W/ 15W fitting, EAGLE 10W/ 14W fitting or the HAWK anti-tamper 10W/ 14W fitting
- Efficacy of 106 lm/cctW when used in ROBUS fittings
- The ideal option for retrofitting HCL into existing surface mount fittings

5 YRS	**50,000 HRS**	**146-148 LmW**	**IP 20**	**120°**	**OP 220 240**	**CCT2**		
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	BEAM ANGLE	OPERATING VOLTAGE	CCT	SAFETY CLASS	

	RHZETM13	
Total Power (W):	100%	13
	75%	9.8
Total Light Output (lm) 4000K:	100%	1,780
	75%	1,335
CRI (Ra):		>80
CCT (K):		2700-6500
Carton Qty:		20

DIMENSIONS(mm)

	Diameter	Height
RHZETM13	255	30

ACCESSORIES

RHZETMH   Hinge for OWL HUMANITAS 13W

EAGLE LED

Scan here for more product information

Tunable White

ROBUS HUMANITAS
SCHOLAR HUMANITAS

45W **CCT2** NEW! HUMANITAS

SCHOLAR HUMANITAS 45W ZIGBEE CONTROLLED TUNABLE WHITE HCL BATTEN, 2700-6500K, 1.5M, WHITE

- Suitable for use in corridors, stairways, work stations, storage areas, inspection areas, schools, hotels, offices, retail shops
- LED replacement for 2x58W T8 Fluorescent
- Complete with Zigbee wireless flicker-suppressed driver
- Pressed steel housing with polycarbonate diffuser
- Opal diffuser available to improve glare rating
- Large terminals allowing easy loop-in/loop-out
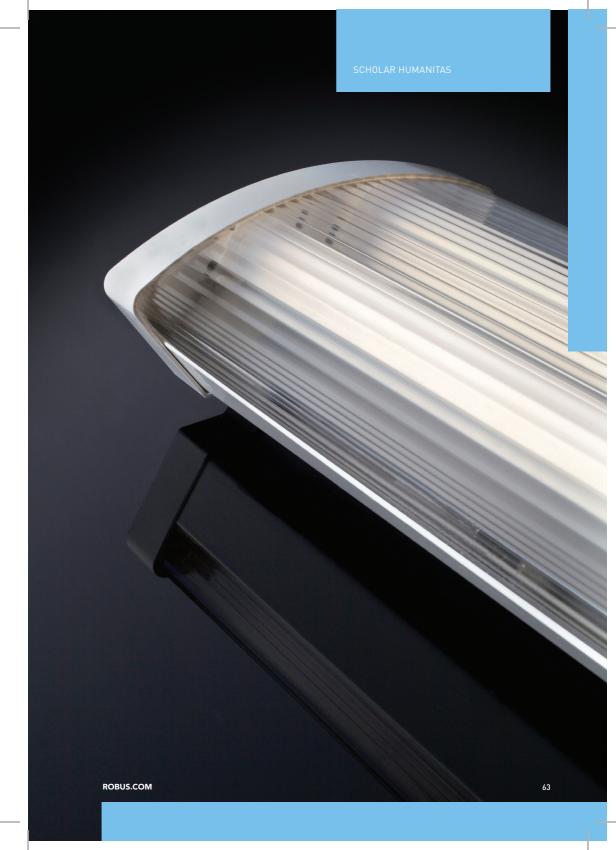- Wide ambient temperature operation range of -20°C +40°C

5 YRS	**50,000 HRS**	**117-126 LmW**	**IK 08**	**IP 44**	**110°**	**OP 220 240**	**CCT2**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	BEAM ANGLE	OPERATING VOLTAGE	CCT	SAFETY CLASS

	RHZSC4515-01
Total Power (W):	41.4-43.2
Total Light Output (lm):	5,060-5,230
Lux:	1,420-1,460
CRI (Ra):	80
CCT (K):	2700-6500
Weight (kg):	3.1
Carton Qty:	4

DIMENSIONS(mm)	Height	Length	Width
RHZSC4515-01	70	1,490	144

Tunable White

ROBUS
LINX

ROBUS LINX IS A SELF-HEALING SMART LIGHTING CONTROL SYSTEM.

ENERGY MANAGEMENT
Energy usage and status reporting on-site or off-site across one building or an entire network for enhanced energy efficiency and building security.

DATA PRIVACY
is guaranteed with no dependence on cloud server. As ROBUS LINX is not Saas, you own the system and do not have the reoccurring costs associated with Saas.

LIGHTING STATUS MONITORING
Continuous monitoring of light fittings and devises providing alerts if they need attention.

SMART EMERGENCY
Emergency lights are monitored and tested to provide the regulatory compliance, safety, labour and time saving benefits.

LIGHTING AUTOMATION
Compatible with Bacnet for BMS integration.

OCCUPANCY DATA

WIRELESS CONTROL
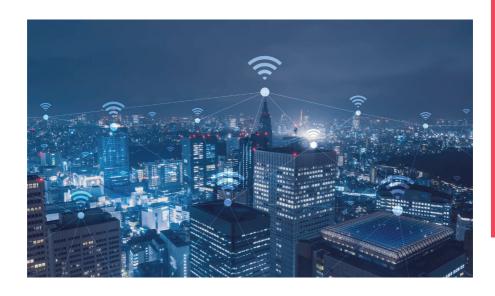easy to change control functionality with no re-wiring required.

INTEGRATED PHOTOCELLS
for daylight harvesting.

LINX CAN BE INSTALLED ON NEW BUILDS OR RETROFIT TO EXISTING LIGHTS USING A RANGE OF SMART DRIVERS, CONTROLLERS AND POWER MONITORS IN COMBINATION WITH A 'ZIGBEE' WIRELESS SELF-HEALING MESH THAT IS SCALABLE ACROSS ANY SIZE BUILDING.

LIGHTING AUTOMATION
This system can adapt and grow with your business by adding additional 'hubs' to increase the capacity of your network with plug and play simplicity.

DEVICE SELF-CONFIGURATION
The system automatically adds additional devices to the network without manual configuration saving labour and time.

SECURE AND FLEXIBLE ACCESS WORLDWIDE
Access the system on any standard web browser on any tablet, phone or desktop anywhere in the world.

NO SPECIALISED INSTALLER REQUIRED
Your local or onsite electrician or installer can easily handle the job with no additional training.

HOW DO I ORDER ROBUS LINX?

OUR SALES TEAM WILL BE DELIGHTED TO DEAL WITH YOUR ENQUIRY AND HAVING DETERMINED THAT LINX IS THE RIGHT SOLUTION FOR YOUR NEEDS THE FOLLOWING IS A GUIDE TO THE STEPS IN A LINX ORDER PROCESS.

We conduct a lighting audit of your premises to identify requirements and a specification document is completed. The hardware and software requirements will inform a lighting design brief.

ROBUS LINX installed in BELZONA Technologies, Harrogate, UK

ROBUS LINX
HOW DO I ORDER ROBUS LINX?

STEP 1 PROJECT PLAN

LARGE PROJECTS
When this option is required we will liaise with your IT provider to agree network requirements and a server will be supplied at the delivery stage.

SMALL PROJECTS
LINX Cloud Server App (free)

STEP 2 DESIGN & QUOTATION

Next we work with you to create a bespoke solution which will provide all the advantages of LINX that you choose to activate.

ENERGY MANAGEMENT

WIRELESS CONTROL

INTEGRATED PHOTOCELLS

SMART EMERGENCY

OCCUPANCY DATA

LIGHTING STATUS MONITORING

PIR/MICROWAVE MOTION SENSORS

BUILDING MANAGEMENT SYSTEM INTEGRATION

Quotation only

STEP 3 DELIVERY & INSTALLATION

For large scale projects, system commissioning and validation will be performed remotely.

For smaller projects we provide a basic set up guide, videos and phone support on;
• Downloading the LINX App
• Connecting to the gateway/system
• Commissioning the system
(groups, sensors, scenes, schedules and other software functions)

STEP 4 AFTER SERVICE

For large projects, software training and documentation is provided. Ongoing technical support is available through ROBUS head office.

For smaller projects technical support is available through ROBUS head office.

ROBUS LINX
LINX LIGHTING

The following ROBUS product ranges are compatible with ROBUS LINX system. Look for the robus linx logo on the following product pages to identify the products that are available with ROBUS LINX.

L I N X

COMMERCIAL

80
ATMOS LED PANEL

88
SPACE UGR≤19 LED PANEL

90
STELLAR INDIRECT PANEL

92
ALEXANDER BATTEN

94
CAESAR LED BATTEN

100
SCHOLAR LED BATTEN

102
ELEVATE LED PANEL

INDUSTRIAL

114
SULTAN LED CORROSION PROOF

118
VULCAN LED CORROSION PROOF

128
SONIC4 LED HIGHBAY

130
SONIC LED MULTIBAY

131
POWER BAY LED HIGHBAY

134
COSMIC LED FLOOD LIGHT

136
COSMIC ASYMMETRIC LED FLOOD LIGHT

138
KINGSTON LED HIGHBAY

140
PRISMOID LED LINEAR HI-RACK

DOWNLIGHTS

176
MORPH LED CCT3

181
VIRTUE LED

185
SUN CIRCULAR LED

189
GRANADA UGR≤19 LED

SURFACE FITTINGS

211
HAWK LED

213
EAGLE LED

ROBUS LINX
LINX CONTROLLERS

LINX ZIGBEE 1-10V DIMMING CONTROLLER THREE-WAY

- Zigbee wireless control via smartphone, tablet, PC and scene setter
- Software updates over the air
- Waterproof IP65
- Settings configured in LINX software via any PC, phone or tablet

ZIGBEE 1-10V DIMMING LED CONTROLLER

- Zigbee wireless control via smartphone, tablet, PC and scene setter
- Software updates over the air
- Waterproof IP65
- Settings configured in LINX software via any PC, phone or tablet

	RXZ10DIM3-CTRL
Dimming type:	1-10V
Transmission distance:	30M
Maximum Load:	2kW/ 1kW/ 1kW
Product Size:	195x90x46mm
Weight (kg):	1.55
Carton Qty:	10

	RXZ10DIM-CTRL
Dimming type:	1-10V
Transmission distance:	30M
Maximum Load:	1000W
Product Size:	195x50x50mm
Carton Qty:	10

Scan here for more product information

ROBUS LINX
LINX SENSORS

LINX ZIGBEE MICROWAVE MOTION SENSOR 15M IP65

- Zigbee wireless control via smartphone, tablet, PC and scene setter
- Software updates over the air
- IP65 waterproof housing
- Settings configured in LINX software via any PC, phone or tablet

LINX ZIGBEE DAYLIGHT SENSOR IP65

- Daylight harvesting
- Zigbee wireless control via smartphone, tablet, PC and scene setter
- Photocell sensor for automatic brightness control of lighting based on ambient light level
- Software updates over the air
- IP65 waterproof housing
- Settings configured in LINX software via any PC, phone or tablet

	RXZMW1565
Mounting Height:	Max 15M
Detection Angle:	90°
Detecting range:	max (diameter x height) 13m x 15m
Transmission distance:	30M
Motion detecting range:	max (diameter x height) 10m x 8m
Weight (kg):	0.11
Carton Qty:	57
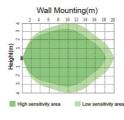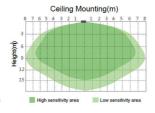
	RXZDL65
Lux Settings:	0 - Daylight
Weight (kg):	0.13
Carton Qty:	57

DETECTION DIAGRAM FOR THE MICROWAVE MOTION SENSOR IP65

Scan here for more product information

ROBUS LINX
LINX CONTROLLER & SENSOR

LINX ZIGBEE SCENE CONTROLLER

- Zigbee wireless control via smartphone, tablet, PC
- Software updates over the air
- Security password protection for settings
- Settings configured in LINX software via any PC, phone or tablet
- 3.2" tft screen to enable lighting control and provide feedback from environmental sensors.
- Up to 6 customised scenes created using the software are selectable using the push buttons on the face of the controller

	RXZMMEN-01
Transmission distance:	30m
Product size:	86x86x35mm

ZIGBEE MULTI-FUNCTION SENSOR

- Zigbee wireless control via smartphone, tablet, PC and scene setter
- Software updates over the air
- IP20
- Settings configured in LINX software via any PC, phone or tablet
- Dual mode operation whereby you can select stand alone or output control mode (dip switch on rear of device) for small areas/groups of lights can be wired directly into the output of the device to provide both switch control and power monitoring.

	RXZMUL20
Dimming type:	1-10V
Detecting range:	max (diameter x height) 10m x 8m
Transmission distance:	30M
Detection Angle:	90°
Lux Settings:	25/ 50/ 100/ 200lx
Product Size:	113.7mm(D)x50.2mm(H)

Scan here for more product information

360°

2.8m

5.6m

ROBUS LINX
LINX SMART EMERGENCY

4W L I N X

LINX ZIGBEE EBLANA EMERGENCY LED BULKHEAD

5 YRS	30,000 HRS	LiFePO4	IK 09	IP 65	6500K	110°	OP 220 240	
WARRANTY	RATED HOURS	BATTERY	IK RATING	IP RATING	CCT	BEAM ANGLE	OPERATING VOLTAGE	SAFETY CLASS

SMART EMERGENCY BENEFITS

Automatically tests emergency light fittings saving time and labour costs

Gathers data and generates reports on the emergency lighting and batteries

Effortless regulatory compliance

	RX8MLED-LX
Total Power (W):	3.3
Total Light Output (lm):	150 standard
	110 emergency
CRI (Ra):	80
CCT (K):	6500
Power Factor (PF):	0.55
Weight (kg):	0.57
Carton Qty:	12

Compliant with regulation IEC 62034

DIMENSIONS (mm)	Length	Width	Depth
RX8MLED-01	352	110	67

Scan here for more product information

ROBUS LINX
LINX SMART EMERGENCY

4W

L I N X

LINX ZIGBEE EMERGENCY EXIT BOX

5 YRS ✓	**30,000 HRS**	**LiFePO₄**	**IP 20**	**OP 220 240**	**6500K**	**100°**	⏚
WARRANTY	RATED HOURS	BATTERY	IP RATING	OPERATING VOLTAGE	CCT	BEAM ANGLE	SAFETY CLASS
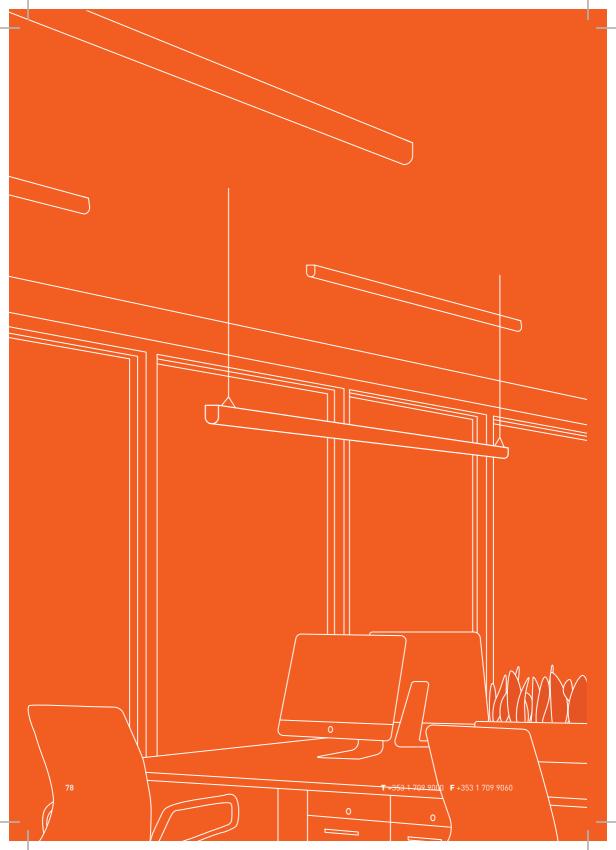
	R8EMLP4-LX
Total Power (W):	4
Total Light Output (lm):	Standard 17
	Emergency 45
CCT (K):	6500
Weight (kg):	1.4
Carton Qty:	6

DIMENSIONS (mm)	Length	Width	Depth
RX8EMLP4-01	190	390	60

Scan here for more product information

COMMERCIAL

COMMERCIAL
ATMOS LED PANEL

40W

L I N X

CONSTRUCTION:

• White powder coated aluminium frame
• Polypropylene thermoplastic diffuser
• Steel back plate

FEATURES:

• UGR ≤19 for small offices to comply with EN12464
• A high quality PP thermoplastic diffuser ensures that light transmission is maximised into the lit space and provides a TP_a rating to comply with fire regulations
• Emergency pack provides high lumen output to comply with emergency lighting regulations using minimum number of fittings and utilises LiFePO4 battery technology for long life
• Wide operating ambient temperature range of -20°C to +40°C
• Suitable for switching by external PIR, Microwave or Photocell

5 YRS WARRANTY	50,000 HRS RATED HOURS	89-101 LmW LUMENS PER W	IK 05 IK RATING	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	3000K 4000K 5000K CCT	SAFETY CLASS

DIMENSIONS (mm)
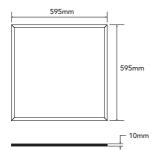
	Width	Length	Depth
RAM40306060-01	595	595	10
RAM40406060-01	595	595	10
RAM40506060-01	595	595	10

595mm

595mm

10mm

Scan here for more product information

ACCESSORIES

R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 Battery
R6060SMKFB-01	Flat packed surface mount box 600x600mm
RAMSST	Safety bracket and 2m strap 600x600mm
HED6045/D2	Dali switch dim, 45W LED current selectable driver w/ 30cm cable +DC connector
RAMRC	Plaster board recessed clips kit
RPLBRK-01	Adjustable surface mount bracket
RAMSUS-4W	4 wire suspension kit 600x600mm
RAM40DDVR	Mains Dimming driver available from our Conversions Dept
RAM40FFDVR	Flicker free driver

COMMERCIAL
ATMOS LED PANEL

600x600mm

	Warm White	Neutral White	Cool White
	40W	40W	40W
	600 x 600mm	600 x 600mm	600 x 600mm
Standard	**RAM40306060-01**	**RAM40406060-01**	**RAM40506060-01**
Sensor		**RAM40406060-01SEN**	
Comparable to:	4x18W Fluorescent	4x18W Fluorescent	4x18W Fluorescent
Total Power (W):	38.1	38.3	37.7
Total Light Output (lm):	3,390	3,810	3,800
Efficacy (lm/cctW):	89	99	101
Lux at 1m (lux):	1,170	1,310	1,310
CCT (K):	3000	4000	5000
CRI (Ra):	80	80	80
Power Factor (PF):	0.97	0.97	0.97
Weight (kg):	2.0	2.0	2.0
Carton Qty:	5	5	5

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

E · STE · DAE · ECBU · SEN · SENE · SENSTE · SENDAE

3SD · 3SDE · 3SDSTE · 3SDDAE · MD · MDE · MDSTE · MDAE

DD · DDE · DDSTE · DDAE · SWD · SWDE · SWDSTE

SWDDAE · AD · ADE · ADSTE · ADDAE

ATMOS & SPACE SURFACE MOUNT BOX

- A surface mount box that allows for the surface mounting of a panel with the driver concealed behind the fitting or located behind the wall / ceiling void
- Available in 600x600mm, 300x1,200mm & 600x1,200mm

RENVALE TECHNOLOGY PARK, SUFFOLK, UK

COMMERCIAL
ATMOS LED PANEL

40W **60W** LINX
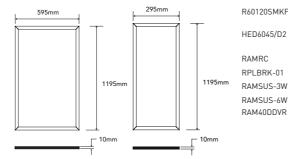
CONSTRUCTION:
- White powder coated aluminium frame
- Polypropylene thermoplastic diffuser
- Steel back plate

FEATURES:
- UGR ≤19 for small offices to comply with EN12464
- A high quality PP thermoplastic diffuser ensures that light transmission is maximised into the lit space and provides a TP_a rating to comply with fire regulations
- Emergency pack provides high lumen output to comply with emergency lighting regulations using minimum number of fittings and utilises LiFePO4 battery technology for long life
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by external PIR, Microwave or Photocell

5 YRS WARRANTY	50,000 HRS RATED HOURS	100–109 LmW LUMENS PER W	IK 05 IK RATING	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	4000K CCT	SAFETY CLASS

DIMENSIONS (mm)

DIMENSIONS(mm)	Width	Length	Depth
RAM40403012-01	295	1,195	10
RAM60406012-01	595	1,195	12

595mm — 1195mm — 10mm

295mm — 1195mm — 10mm

ACCESSORIES

R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 Battery
R1230SMKFB-01	Flat Packed Surface mount box for 300 x 1,200mm
R60120SMKFB-01	Flat packed surface mount box for 600 x 1,200mm
HED6045/D2	Dali switch dim, 45W LED current select-able driver w/ 30cm cable +DC connector
RAMRC	Plaster Board recessed clips kit
RPLBRK-01	Panel adjustable suspension bracket
RAMSUS-3W	3 wire suspension kit for 300 x 1,200mm
RAMSUS-6W	6 wire suspension kit for 600 x 1,200mm
RAM40DDVR	Mains Dimming driver Panel available from our Conversions Dept (not available for 60W)

Scan here for more product information

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COMMERCIAL
ATMOS LED PANEL

300x1200mm   600x1200mm

	300x1200mm	600x1200mm
	Neutral White	Neutral White
	40W	60W
Standard	**RAM40403012-01**	**RAM60406012-01**
Sensor		**RAM60406012-01SEN**
	300 x 1,200mm	600 x 1,200mm
Comparable to:	2x36W T8 Fluorescent	4x36W T8 Fluorescent
Total Power (W):	37.5	60.8
Total Light Output (lm):	3,730	6,620
Efficacy (lm/cctW):	100	109
Lux at 1m (lux):	1,290	2,110
CCT (K):	4000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.97	0.97
Weight (kg):	2.4	5
Carton Qty:	4	2

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

E	STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE
3SD	3SDE	3SDSTE	3SDDAE	MD	MDE	MDSTE	MDAE
DD	DDE	DDSTE	DDAE	SWD	SWDE	SWDSTE	
SWDDAE	AD	ADE	ADSTE	ADDAE			

1.2m

RAMSUS-3W   RAMSUS-6W

ATMOS & SPACE SUSPENSION KITS

• Suspension kits enable panel to be suspended at a length of 1.2/1.5m

IRWINS TILES & FLOORS, CO. MONAGHAN, IRELAND

COMMERCIAL
DALLAS LED
BACKLIT PANEL

30W **38W** **40W**

CONSTRUCTION:

- White powder coated aluminium frame
- Polystyrene TP$_b$ rated diffuser
- Steel back plate

FEATURES:

- UGR≤19 available in 4000K & UGR≤22 available in 4000K & 5000K
- Allows compliance with project requirements for Low Glare in offices or classrooms and all other parts of the building
- Emergency pack and Universal Dimmable driver available
- Includes mounting point for a safety strap
- High efficiency with minimal flicker
- Uses half the power for lower running costs
- Uses Backlit luminaire construction design
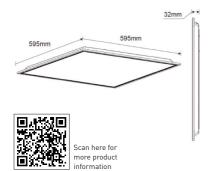- Suitable for switching by PIR, Microwave or photocell for additional energy savings

5 YRS	**50,000 HRS**	**103–108 LmW**	**IP 20**	**OP 220 240**	**110°**	**4000K 5000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS(mm)	Width	Length	Depth
RDL40406060-01	595	595	32
RDL40506060-01	595	595	32
RDL40406060UGR-01	595	595	32
RDL30406060-01	595	595	32
RDL30506060-01	595	595	32

ACCESSORIES

R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 Battery
HED6045/D2	Dali switch dim, 45W LED current select-able driver w/ 30cm cable +DC connector
RDLSST	Safety Strap kit for DALLAS Panels
RDL6060SF-01	Surface Mount Box Kit for 600x600mm panel White 70mm deep Flat Pack
RDLSUS-4W	4 Wire Suspension kit for 600X600mm & 300X1200mm DALLAS Panels

32mm

595mm   595mm

Scan here for more product information

COMMERCIAL
DALLAS LED
BACKLIT PANEL

600x600mm

	Neutral White	Cool White	Neutral White	Cool White	Neutral White
	30W	30W	40W	40W	38W
	UGR≤22	UGR≤22	UGR≤22	UGR≤22	UGR≤19
	RDL30406060-01	RDL30506060-01	RDL40406060-01	RDL40506060-01	RDL40406060UGR-01
Comparable to:	4x18W T8 fluorescent	4x18W T8 fluorescent	4x18W T8 Fluorescent	4x18W T8 Fluorescent	4x18W T8 Fluorescent
Total Power (W):	29.6	30	40.3	40.6	38
Total Light Output (lm):	3,210	3,220	4,210	4,180	4,100
Efficacy (lm/cctW):	108	107	104	103	108
Lux at 1m (lux):	1070	1080	1,410	1,420	1,970
CCT (K):	4000	5000	4000	5000	4000
IP:	20	20	20	20	20
CRI (Ra):	80	80	80	80	80
Power Factor (PF):	0.95	0.95	0.97	0.97	0.97
Weight (kg):	1.8	1.8	1.7	1.7	2.1
Carton Qty:	6	6	6	6	6

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

E   STE   DAE   ECBU   SEN   SENE   SENSTE   SENDAE

3SD   3SDE   3SDSTE   3SDDAE   MDAE   DD   DDE

DDSTE   DDAE   SWD   SWDE   SWDSTE

SWDDAE   AD   ADE   ADSTE   ADDAE

DULICK MOTORS, ENNIS, IRELAND

DALLAS BACKLIT PANEL

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COMMERCIAL
SPACE UGR≤19 LED PANEL

30W

LINX

CONSTRUCTION:

- White powder coated aluminium frame
- Polystyrene TP$_b$ rated diffuser
- Steel back plate

FEATURES:

- UGR≤19 complies with the requirements of EN12464 for reading, writing and computer based tasks in offices and other areas
- The driver primary side is pre-wired with the male half of our SWIFT 4 pole connector with the female part supplied for wiring to the supply infrastructure. Four large terminals allow for a number of conductors for loop in/out and permanent and switched live supplies
- Luminance <3000cd/m² at <65° for ease of screen viewing
- A pre-wired Plug & Play universal DALI, Analogue 1-10v, SwitchDim driver option is available

5 YRS WARRANTY	50,000 HRS RATED HOURS	112–115 LmW LUMENS PER W	IK 06 IK RATING	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	90° BEAM ANGLE	4000K 5000K CCT	SAFETY CLASS

DIMENSIONS (mm)
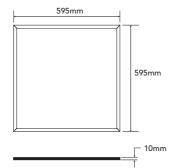
DIMENSIONS(mm)	Width	Length	Depth
RSP30406060UGR-01	595	595	10
RSP30506060UGR-01	595	595	10

595mm

595mm

10mm

Scan here for more product information

ACCESSORIES

HED6045/D2	Dali switch dim, 45W LED current select-able driver w/ 30cm cable +DC connector
R6060SMKFB-01	Surface Mount Box, 50mm depth
RAMSUS-4W	4 Wire Suspension Kit
RAMSST	Safety Bracket & 2M strap
R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 Battery
RAMRC	Plaster Boards Recessed Clips Kit
RPLBRK-01	Panel Adjustable Suspension Bracket

RAMRC

COMMERCIAL
SPACE UGR≤19 LED PANEL

600x600mm

	Neutral White	Cool White
	30W	30W
	RSP30406060UGR-01	**RSP30506060UGR-01**
Comparable to:	4x18W T8	4x18W T8
Total Power (W):	30.8	31
Total Light Output (lm):	3,440	3,560
Efficacy (lm/cctW):	112	115
Lux at 1m (lux):	1,460	1,520
CCT (K):	4000	5000
CRI (Ra):	80	80
Power Factor (PF):	0.95	0.95
Weight (kg):	2.9	2.9
Carton Qty:	4	4

ECA eligible
SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

E STE DAE ECBU SEN SENE SENSTE SENDAE

3SD 3SDE 3SDSTE 3SDDAE MD MDE MDSTE MDAE

DD DDE DDSTE DDAE SWD SWDE SWDSTE

SWDDAE AD ADE ADSTE ADDAE

3 HOUR EMERGENCY PACK

• Plug and play when used with fittings that come with swift connector
• Using high quality LiFePO$_4$ battery
• More information on page 352

AMMEON, DUBLIN, IRELAND

COMMERCIAL
STELLAR UGR≤19 LED INDIRECT PANEL

28W

LINX

CONSTRUCTION:

- Cold rolled steel housing
- Powder coated finish in RAL9003
- TP$_b$ rated PMMA diffuser

FEATURES:

- Fits into standard sizes of ceiling grid – 15mm and 24mm
- UGR ≤19 complies with the requirements of EN12464 for reading, writing and computer based tasks in offices and other areas
- DALI, Analogue 1-10v and SwitchDim driver option
- Pre-wired with SWIFT male and female loop in / loop out connector enabling fast fix installation
- Winged design with PMMA TP$_b$ diffuser

5 YRS	**50,000 HRS**	**113 LmW**	**IK 06**	**IP 20**	**OP 220 240**	**80°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

RSL28406060-01	
Comparable to:	4 x 18W fluorescent
Total Power (W):	28.4
Total Light Output (lm):	3,200
Efficacy (lm/cctW):	113
Lux at 1m (lux):	1,800
CCT (K):	4000
CRI (Ra):	80
Power Factor (PF):	0.95
Weight (kg):	2.1
Box Qty:	1

SEAI approved
Triple E registered

C | A G

DIMENSIONS (mm)

	Width	Length	Depth
RSL28406060-01	595	595	80

595mm
595mm
80mm

ACCESSORIES

HED6045/D2	Dali switch dim, 45W LED current selectable driver w/ 30cm cable +DC connector
R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 battery, c/w Swift Connector

CONVERSIONS AVAILABLE

E	STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE
3SD	3SDE	3SDSTE	3SDDAE	MD	MDE	MDSTE	MDAE
DD	DDE	DDSTE	DDAE	SWD	SWDE	SWDSTE	
SWDDAE	AD	ADE	ADSTE	ADDAE			

Scan here for more product information

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RENVALE TECHNOLOGY PARK, SUFFOLK, UK

STELLAR UGR≤19 LED PANEL

COMMERCIAL
ALEXANDER LED BATTEN

20W   24W   40W   48W

60W   80W   LINX

CONSTRUCTION:

- White powder coated pressed steel housing
- Opal polycarbonate diffuser

FEATURES:

- Integral emergency available in all versions above 600mm
- Easy open and disassembly of housing sections provides fast and simple installation
- Includes BESA box mounting facility, pre-stamped surface fixing holes and suspension fixing points
- Wide operating ambient temperature range of -20˚C to +40˚C
- Light output is diffused to provide a low glare
- Suitable for switching by external PIR, Microwave or Photocell

---

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 118–127 LmW LUMENS PER W | IK 08 IK RATING | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 130° BEAM ANGLE | 4000K CCT | SAFETY CLASS |

DIMENSIONS (mm)

DIMENSIONS(mm)	Width	Length	Height
RAE204006-01	53	618	61
RAE244012-01	53	1,218	61
RAE404012-01	53	1,218	61
RAE404015-01	53	1,518	61
RAE604015-01	53	1,518	61
RAE484018-01	53	1,780	61
RAE804018-01	53	1,780	61

L

H

W

Scan here for more product information

ACCESSORIES

RAESUS-2W   2 Wire Suspension Kit

CONVERSIONS AVAILABLE

STE DAE PIR PIRE PIRSTE PIRDAE DD

DDE DDSTE DDAE SWD SWDE SWDSTE

SWDDAE AD ADE ADSTE ADDAE LX

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COMMERCIAL
ALEXANDER LED BATTEN

0.6M   1.2M   1.5M   1.8M

	0.6M	1.2M	1.2M	1.5M	1.5M
Standard	RAE204006-01	RAE244012-01	RAE404012-01	RAE404015-01	RAE604015-01
Emergency		RAE244012-01E	RAE404012-01E	RAE404015E-01	RAE604015E-01
Comparable to:	2 X 18W T8	1 x 36W T8	2 x 36W T8	1 x 58W T8	2 x 58W T8
Total Power (W):	19.5	22.6	39.2	38.4	55.4
Total Light Output (lm):	2,340	2,870 standard 380 emergency	4,900 standard 440 emergency	4,640 standard 350 emergency	6,690 standard 440 emergency
Efficacy (lm/cctW):	120	127	125	121	121
Lux at 1m (lux):	660	820 standard 110 emergency	1,450 standard 120 emergency	1,310 standard 100 emergency	1,890 standard 120 emergency
CCT (K):	4000	4000	4000	4000	4000
CRI (Ra):	80	80	80	80	80
Power Factor (PF):	0.95	0.95	0.97	0.97	0.95
Output Current (mA):	480	600	1,000	1,000	1,400
Weight (kg):	0.63	1.1	1.1/1.56	1.39/1.88	1.39/1.88
Carton Qty:	6	6	6	6	6

	1.8M	1.8M
Standard	RAE484018-01	RAE804018-01
Emergency	RAE484018-01E	RAE804018E-01
Comparable to:	1 x 70W T8	2 x 70W T8
Total Power (W):	51.0	83.2
Total Light Output (lm):	6,000 standard 420 emergency	9,840 standard 400 emergency
Efficacy (lm/cctW):	118	118
Lux at 1m (lux):	1,700 standard 120 emergency	2,790 standard 110 emergency
CCT (K):	4000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.97	0.97
Output Current (mA):	1,200	2,000
Weight (kg):	1.65/2.1	1.65/2.1
Carton Qty:	6	6

SEAI approved
Triple E registered
ECA eligible

COMMERCIAL
CAESAR LED BATTEN

24W · **48W** · **60W** · **80W** · **96W**

CONSTRUCTION:
- White powder coated pressed steel base
- Clip on metal framed opal diffuser with connector for LED's

FEATURES:
- Emergency version operates for 3 hour duration, c/w test switch
- Large terminals allowing easy loop-in/ loop-out
- C/w mounting accessories and suspension kit allowing suspending at max 1m
- Complies with requirements of the Energy Technology Criteria List
- Conduit entry available through the end caps and BESA box mounting facility included
- Wide operating ambient temperature range of -20˚C to +40˚C
- Suitable for analogue, DALI, and switch dimming

5 YRS WARRANTY	**50,000 HRS** RATED HOURS	**111–127 LmW** LUMENS PER W	**IK 08** IK RATING	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	**140°** BEAM ANGLE	**4000K** CCT	SAFETY CLASS

DIMENSIONS (mm)
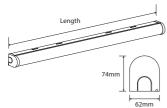
	Width	Length	Height
RCA244012-01	62	1,160	74
RCA484012-01	62	1,160	74
RCA484015-01	62	1,460	74
RCA804015-01	62	1,460	74
RCA604018-01	62	1,723	74
RCA964018-01	62	1,723	74

CONVERSIONS AVAILABLE

E	STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE	PIR
PIRE	PIRSTE	PIRDAE	DD	DDE	DDSTE	ADSTE	ADDAE	
DDAE	SWD	SWDE	SWDSTE	SWDDAE	AD	ADE		

Length

74mm

62mm

Scan here for more product information

COMMERCIAL
CAESAR LED BATTEN

	1.2M	1.2M	1.5M	1.5M
Neutral White	24W	48W	48W	80W
Standard	**RCA244012-01**	**RCA484012-01**	**RCA484015-01**	**RCA804015-01**
Emergency	**RCA244012-01E**	**RCA484012-01E**	**RCA484015E-01**	**RCA804015E-01**
Analogue Dim			**RCA484015-01AD**	
Sensor			**RCA484015-01SEN**	**RCA804015-01SEN**
Sensor & Emergency			**RCA484015-01SENE**	**RCA804015-01SENE**
360° PIR				**RCA804015-01PIR**
Emergency & 360° PIR				**RCA804015-01PIRE**
Comparable to:	1 x 36W	2 x 36W	1 x 58W	2 x 58W
Total Power (W):	23.0	46.0	45.8	78.5
Total Light Output (lm):	2,850 standard 410 emergency	5,320 standard 410 emergency	5,400 standard 410 emergency	8,720 standard 400 emergency
Efficacy (lm/cctW):	120	116	118	111
Lux at 1m (lux):	770 standard 110 emergency	1,440 standard 110 emergency	1,460 standard 110 emergency	2,320 standard 110 emergency
CCT (K):	4000	4000	4000	4000
CRI (Ra):	80	80	80	80
Power Factor (PF):	0.95	0.97	0.97	0.97
Weight (kg):	2.1/2.4	2.1/2.5	2.5/3.0	2.5/3.1
Carton Qty:	4	4	4	4

	1.8M	1.8M
Neutral White	60W	96W
Standard	**RCA604018-01**	**RCA964018-01**
Emergency	**RCA604018-01E**	**RCA964018-01E**
Comparable to:	1 x 70W	2 x 70W
Total Power (W):	56.4	96.4
Total Light Output (lm):	7,140	11,260
Efficacy (lm/cctW):	127	117
Lux at 1m (lux):	1,900	3,150
CCT (K):	4000	4000
CRI:	80	80
Power Factor (PF):	0.97	0.97
Weight (kg):	3.1	3.2
Carton Qty:	4	4

ECA eligible
SEAI approved
Triple E registered

COMMERCIAL
TOUCAN LED BATTEN

18W **36W** **45W**

CONSTRUCTION:

- Low profile aluminium housing
- UV stabilised white polycarbonate end caps and curved high efficiency polycarbonate opal diffuser
- Complete with stainless steel mounting brackets

FEATURES:

- Pre-wired with 1m flex
- Non rusting mounting system for long life and continued aesthetics
- Ideal for task and security lighting whilst providing clear visibility
- Will not corrode so provides long physical life to match LED's
- Rugged solid state lighting technology with no heat filaments or electrodes to fail

2 YRS	**30,000 HRS**	**97–106 LmW**	**IK 08**	**IP 20**	**OP 220 240**	**140°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
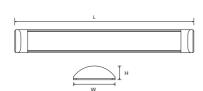
DIMENSIONS(mm)	Width	Length	Height
RTC184006-01	75	615	25
RTC364012-01	75	1,215	25
RTC454015-01	75	1,515	25
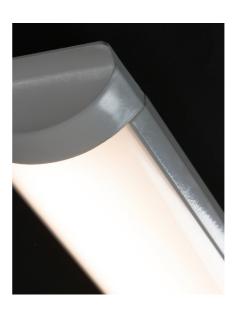
Scan here for more product information

COMMERCIAL
TOUCAN LED BATTEN

0.6M   1.2M   1.5M

	0.6M	1.2M	1.5M
	18W	36W	45W
	RTC184006-01	**RTC364012-01**	**RTC454015-01**
Comparable to:	2 x 18W	2 x 36W	1 x 70W
Total Power (W):	18.7	34.3	43.4
Total Light Output (lm):	1,810	3,640	4,340
Efficacy (lm/cctW):	97	106	100
Lux at 1m (lux):	600	1,200	1,400
CCT (K):	4000	4000	4000
CRI:	80	80	80
Power Factor (PF):	0.95	0.95	0.95
Weight (kg):	0.42	0.8	1.1
Carton Qty:	10	10	10

Triple E registered

THE CRAFTY FOX, CO. LOUTH, IRELAND

COMMERCIAL
EARL LED BATTEN CCT3 SELECTABLE

20W **40W** **60W** **CCT3**

CONSTRUCTION:
- White powder coated extruded aluminium base
- White polycarbonate end caps
- Opal diffuser
- Composite FR4/Aluminium PCB

FEATURES:
- Correlated Colour Temperature (CCT) selectable via 3 way switch under one of end caps
- Shallow surface projection so ideal for low ceilings and provides simple neat aesthetics
- Large screw terminal block allowing max 2.5mm² conductors
- Rear centre position cable entry point fitted with cable grommet
- Suitable for switching by external PIR, Microwave or Photocell

3 YRS	**30,000 HRS**	**85–131 LmW**	**IK 08**	**IP 20**	**OP 220 240**	**120°**	**CCT3**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS(mm)	Width	Length	Height
RER2006CCT3-01	85	600	40
RER4012CCT3-01	85	1,200	40
RER6015CCT3-01	85	1,500	40
RER6018CCT3-01	85	1,800	40

L

H

W
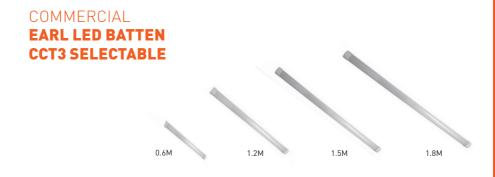
Scan here for more product information

IGA, ROSSMOYNE, AUSTRALIA

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COMMERCIAL
EARL LED BATTEN
CCT3 SELECTABLE

0.6M   1.2M   1.5M   1.8M

	0.6M	1.2M	1.5M	1.8M
	RER2006CCT3-01	**RER4012CCT3-01**	**RER6015CCT3-01**	**RER6018CCT3-01**
Comparable to:	2x18W T8	2x36W T8	2x58W T8	2x70W T8
Total Power (W):	19.2/18.4/19.0	39.2/37.2/39.2	52.5/50.6/52.1	52.8/50.7/52.4
Total light output (lm):	2,010/2,240/2,160	3,340/3,960/3,580	5,910/6,530/6,290	6,030/6,650/6,450
Efficacy (lm/cctW):	105/122/113	85/106/91	112/129/121	114/131/123
Lux at 1m (lux):	610/680/650	960/1,130/1,020	1,690/1,860/1,800	1,650/1,820/1,760
CCT (K)	3000/4500/6500	3000/4500/6500	3000/4500/6500	3000/4500/6500
Power Factor (PF):	0.95	0.95	0.95	0.95
Weight (kg):	0.5	0.9	1.1	1.3
Carton Qty:	10	10	10	10

RENVALE TECHNOLOGY PARK, SUFFOLK, UK

COMMERCIAL
SCHOLAR LED BATTEN

50W **60W**

CONSTRUCTION:

• White powder coated pressed steel housing
• Polycarbonate diffuser and end caps

FEATURES:

• Suitable for surface or suspension mounting using the fixing kits included
• Pressed steel housing with polycarbonate diffuser
• BESA box mounting facility included
• Opal diffuser available to reduce glare
• Equipped with a low flicker driver
• Wide operating ambient temperature range of -20°C to +40°C
• Suitable for switching by external PIR, Microwave or Photocell

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 98–105 LmW LUMENS PER W | IK 08 IK RATING | IP 44 IP RATING | OP 220 240 OPERATING VOLTAGE | 120° BEAM ANGLE | 4000K CCT | SAFETY CLASS |
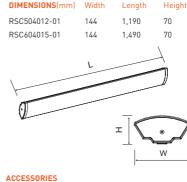
	1.2M	1.5M
	50W	60W
Standard	RSC504012-01	RSC604015-01
Emergency	RSC504012-01E	RSC604015-01E
Analogue Dim		RSC604015-01AD
DALI Dim		RSC604015-01DD
Comparable to:	2 x 36W T8	2 x 58W T8
Total Power (W):	49.3	57.9
Total Light Output (lm):	4,840	6,100
Efficacy (lm/cctW):	98	105
Lux at 1m (lux):	1,490	1,850
CCT (K):	4000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.97	0.97
Output Current (mA):	1,200	1,400
Weight (kg):	2.4/2.9	3.1/3.4
Carton Qty:	4	6

Scan here for more product information

SEAI approved Triple E registered

DIMENSIONS(mm)

	Width	Length	Height
RSC504012-01	144	1,190	70
RSC604015-01	144	1,490	70

ACCESSORIES
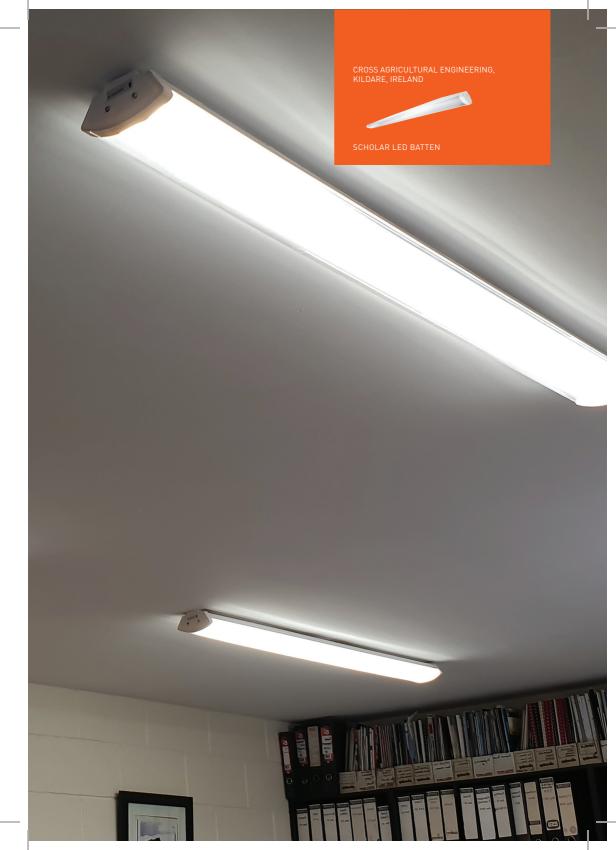
RSC15OD   SCHOLAR Opal diffuser, 1.5m

CONVERSIONS AVAILABLE

E | STE | DAE | ECBU | SEN | SENE | SENSTE | SENDAE | PIR
PIRE | PIRSTE | PIRDAE | DD | DDE | DDSTE | ADSTE | ADDAE
DDAE | SWD | SWDE | SWDSTE | SWDDAE | AD | ADE

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CROSS AGRICULTURAL ENGINEERING,
KILDARE, IRELAND

SCHOLAR LED BATTEN

COMMERCIAL
ELEVATE LED PANEL

40W

CONSTRUCTION:

- Anodised extruded aluminium luminaire body
- White powder coated pressed steel driver enclosure
- Polycarbonate main body diffuser
- PMMA transparent side optics

FEATURES:

- Complete with suspension cables allowing suspension up to 1.2m
- Complete with low flicker, high quality driver complying with IEEE 1789-2015
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell

5YRS WARRANTY	50,000 HRS RATED HOURS	100 LmW LUMENS PER W	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	140° BEAM ANGLE	4000K CCT	SAFETY CLASS
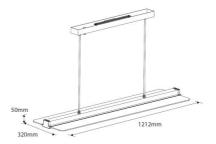
REV40403012T-01

Comparable to:	2x36W T8 fluorescent
Total Power (W):	37.2
Total Light Output (lm):	3,700
Efficacy (lm/cctW):	100
Lux at 1m (lux):	710
CCT (K):	4000
CRI (Ra):	85
Power Factor (PF):	0.98
Weight (kg):	4.46
Carton Qty:	3

SEAI approved
Triple E registered

Scan here for more product information

DIMENSIONS(mm)

	Width	Length	Height
REV40403012T-01	320	1,212	50

50mm
320mm
1212mm

CONVERSIONS AVAILABLE

SWD DD AD

COMMERCIAL
HORIZON LED LINEAR LIGHT
CCT3 SELECTABLE & UGR<19

25W **40W** NEW! STOCK SAVER

CONSTRUCTION:
- Black powder coated aluminium extruded housing
- RHR2540UGR-10 using PMMA lens reflector, RHR40CCT-10 polycarbonate matt diffuser
- Stainless steel wall/ceiling bracket
- 3-way push in connector

FEATURES:
- Continuous linear lights – both surface mounted and suspended
- CCT3 selectable version is linkable up to 30pcs - max run 42m
- UGR<19 version is linkable up to 45pcs - max run 63m
- With down light as standard and plug and play up-light LED modules available as accessories
- High efficacy up to 136lm/W
- Complete with wall/ceiling mount bracket
- Available accessories: 1.5m AC silflex cable, 1.5m suspension cable

5 YRS	**50,000 HRS**	**98-136 LmW**	**IK 04**	**IP 20**	**OP 220 240**	**70°/90°**	**CCT3 4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)

	Width	Length	Depth
RHR40CCT3-10	50	1,410	73
RHR2540UGR-10	50	1,410	72

ACCESSORIES

RHR40CCT3-UP	CCT3 selectable up light module accessory for RHR40CCT3-10
RHR2540-UP	4000K up light module accessory for RHR2540UGR-10
RHRS15	AC Silflex 1.5m cable accessory
RHRSUS	1.5M Suspension kit accessory
RHRLB	Linking bracket and cover accessory

Suspension kit accessory

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COMMERCIAL
HORIZON LED LINEAR LIGHT
CCT3 SELECTABLE & UGR<19
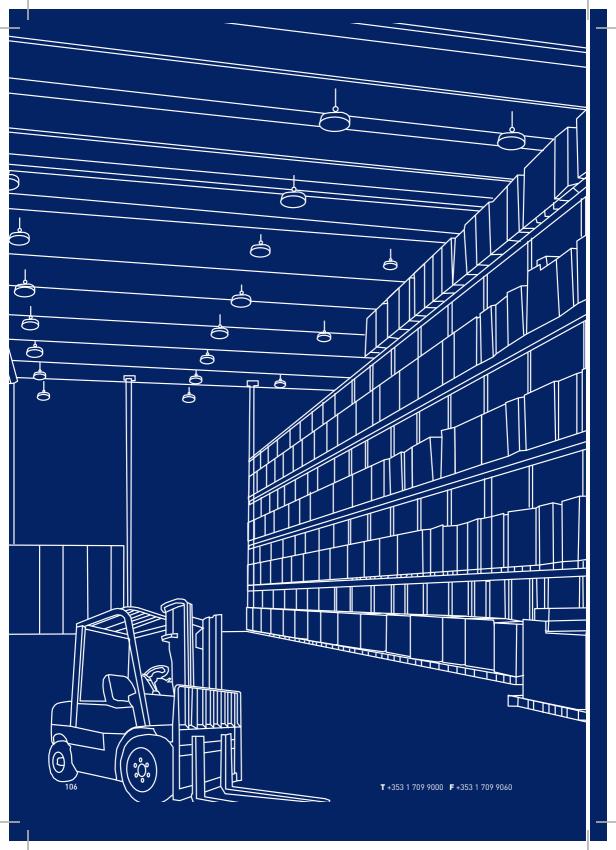
	1.4M	1.4M
	CCT3	UGR
	RHR40CCT3-10	**RHR2540UGR-10**
Comparable to:	1x36W T8	1x36W T8
Total Power (W):	39.7/38.2/39.4	26.2
Total light output (lm):	3,900/4,210/3,980	3,570
Efficacy (lm/cctW):	98/110/101	136
Lux at 1m (lux):	1,830/1,960/1,870	2,940
CCT (K)	3000/4000/5700	4000
Power Factor (PF):	0.95	0.95
Weight (kg):	2.10	2.10
Carton Qty:	1	1
	D (A-G)	C (A-G)

CCT3

UGR<19

INDUSTRIAL

INDUSTRIAL
HARBOUR LED
CORROSION PROOF

The ROBUS HARBOUR Corrosion Proof fittings consist of a high quality tridonic constant current driver which ensures optimum LED preformance, life and reliability. Each fitting contains a gear tray, fixings and plug & play connectors allowing the 3 hour plug-in emergency pack with LiFePO4 to be fitted in seconds. This LiFePO4 battery technology means they will have prolonged emergency duration and extended discharge/charge cycles.

ROBUS EMERGENCY PACK READY (EPR)
GEAR TRAY, FIXINGS AND P&P CONNECTORS READY TO ACCEPT EMERGENCY PACK

LiFePO4 BATTERY TECHNOLOGY
PROLONGED EMERGENCY DURATION, EXTENDED DISCHARGE/CHARGE CYCLES, LOW WEIGHT

HIGH QUALITY TRIDONIC CONSTANT CURRENT DRIVER
OPTIMUM LED PERFORMANCE, LIFE AND RELIABILITY

Single 6FT, 34W	**RHA34406FT-24**
Double 6FT, 70W	**RHA70406FT-24**
Single 5FT, 28W	**RHA28405FT-24**
Double 5FT, 80W	**RHA80405FT-24**
Double 5FT, 58W	**RHA58405FT-24**
Single 4FT, 20W	**RHA20404FT-24**
Double 4FT, 40W	**RHA40404FT-24**
Single 2FT, 10W	**RHA10402FT-24**
Double 2FT, 20W	**RHA20402FT-24**

FEATURES:

CORROSION PROOF
IP65

PLUG & PLAY EMERGENCY OPTION
Provides high light output in emergency mode to ensure emergency lighting regulations are met

COST EFFECTIVE
50,000 hour rated LED life
Reduced energy, maintenance and disposal costs
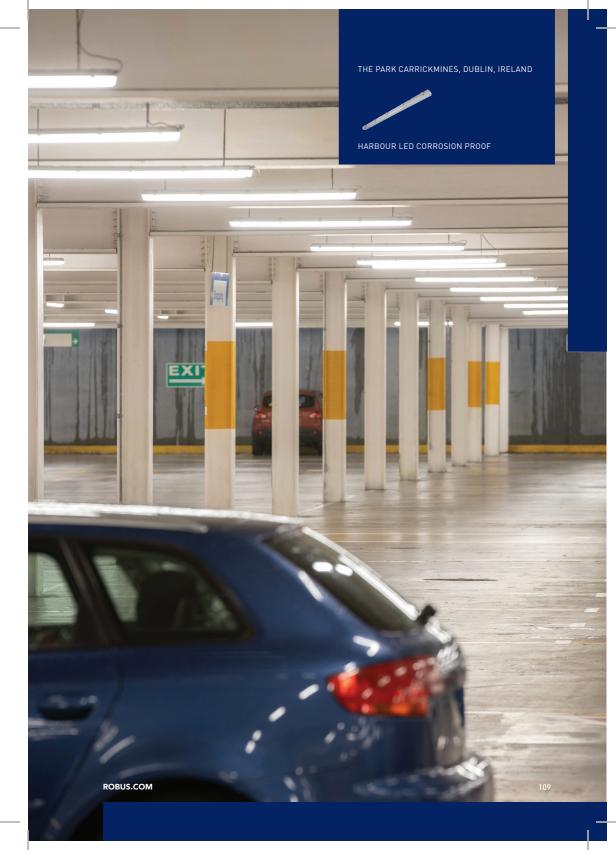
WIDE RANGE OF APPLICATIONS
IP65 & IK08 suitable to be installed in wet and dusty environments
Resistant to shock and vibration
Withstands temperatures of -25° C to 40°C

GOOD VISIBILITY
4,000K CCT and Ra of 80 means they are ideal for security cameras as used in many indoor or outdoor parking facilities

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INDUSTRIAL
HARBOUR LED
CORROSION PROOF

10W **20W** **28W** **34W** **40W**

58W **70W** **80W** **STOCK SAVER**

CONSTRUCTION:
- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips
- Aluminium gear tray

• FEATURES:
- Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
- LED replacement for 1x18W to 2x70W fluorescent corrosion proof fitting
- The base is flat bottomed to aid mounting, and is manufactured from high impact polycarbonate for strength and durability
- The base also has a number of reinforced glanding points in the base to aid gland or conduit entry
- Wide operating ambient temperature range of -25°C to 40°C

5 YRS WARRANTY	50,000 HRS RATED HOURS	100–119 LmW LUMENS PER W	IK 08 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	120°/140° BEAM ANGLE	4000K CCT	LiFePO4 BATTERY	SAFETY CLASS

DIMENSIONS (mm)

	Width	Length	Height
RHA10402FT	72	650	70
RHA20402FT	117	650	70
RHA20404FT	72	1,250	70
RHA40404FT	117	1,250	70
RHA28405FT	72	1,550	70
RHA58405FT	117	1,550	70
RHA80405FT	117	1,550	70
RHA34406FT	72	1,850	70
RHA70406FT	117	1,850	70

ACCESSORIES

RHA2WEMST-PSU	HARBOUR 2W, 3 Hour Plug-in Emergency Pack with LiFePO4 and self-test
R360PIR-01	PIR Sensor for linear fittings
R360RC-01	Remote control/programmer for PIR Sensor

Scan here for more product information

LiFePO4 BATTERY TECHNOLOGY

Emergency versions utilise the latest LiFePO4 battery technology which has:
- Low weight for easier handling of the light fitting
- Shorter time to fully charge for faster availability after installation
- Slow discharge when not connected to mains
- >2000 charge/discharge cycles, double standard NiCad batteries

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INDUSTRIAL
HARBOUR LED
CORROSION PROOF

	Single	Double	Single	Double	Single
	0.6M	0.6M	1.2M	1.2M	1.5M
Standard	**RHA10402FT-24**	**RHA20402FT-24**	**RHA20404FT-24**	**RHA40404FT-24**	**RHA28405FT-24**
Comparable to:	1x18W T8	2x18W T8	1x36W T8	2x36W T8	1x58W T8
Total Power (W):	9.8	18.9	18.9	37.5	26.8
Total Light Output (lm):	1,080 standard	2,160 standard	2,250 standard	4,260 standard	3,050 standard
	180 emergency	290 emergency	300 emergency	290 emergency	290 emergency
Efficacy (lm/cctW):	110	114	119	114	114
Beam Angle (deg):	140	120	140	120	140
Lux at 1m (lux):	280 standard	640 standard	590 standard	1,300 standard	800 standard
	50 emergency	90 emergency	80 emergency	80 emergency	80 emergency
CRI (Ra):	80	80	80	80	80
CCT (K):	4000	4000	4000	4000	4000
Power Factor (PF):	0.9	0.9	0.9	0.97	0.95
Weight (kg):	0.58	0.82	1.00	1.51	1.22
Carton Qty:	12	12	8	6	6

	Double	Double	Single	Double
	1.5M	1.5M	1.8M	1.8M
Standard	**RHA58405FT-24**	**RHA80405FT-24**	**RHA34406FT-24**	**RHA70406FT-24**
Comparable to:	2x58W T8	2x70W T8	1x70W T8	2x70W T8
Total Power (W):	57.3	80.2	32.8	69.6
Total Light Output (lm):	6090 standard	8040 standard	3460 standard	7120 standard
	290 emergency	300 emergency	300 emergency	300 emergency
Efficacy (lm/cctW):	106	100	105	102
Lifetime (hrs):	50,000	50,000	50,000	50,000
Beam Angle (deg):	120	120	140	120
Lux at 1m (lux):	1,790 standard	2,380 emergency	860 standard	2,070 standard
	80 emergency	80 emergency	80 emergency	80 emergency
CRI (Ra):	80	80	80	80
CCT (K):	4,000	4,000	4,000	4,000
Power Factor (PF):	0.97	0.97	0.95	0.97
Weight (kg):	1.78	1.83	1.66	2.66
Carton Qty:	6	6	6	4

CONVERSIONS AVAILABLE

E	STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE	3SD
3SDE	3SDSTE	3SDDAE	DD	DDE	DDSTE	DDAE	SWD	
SWDE	SWDSTE	SWDAE	AD	ADE	ADSTE	ADDAE		
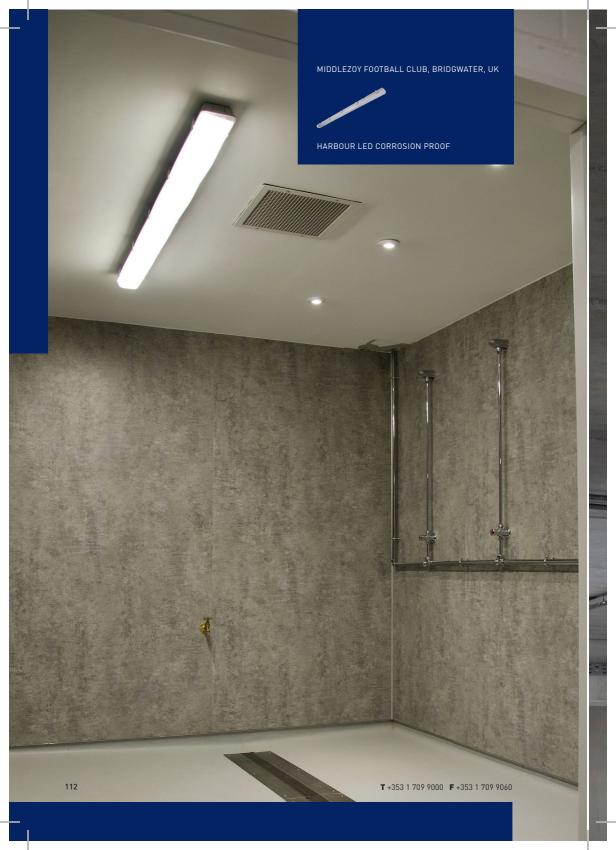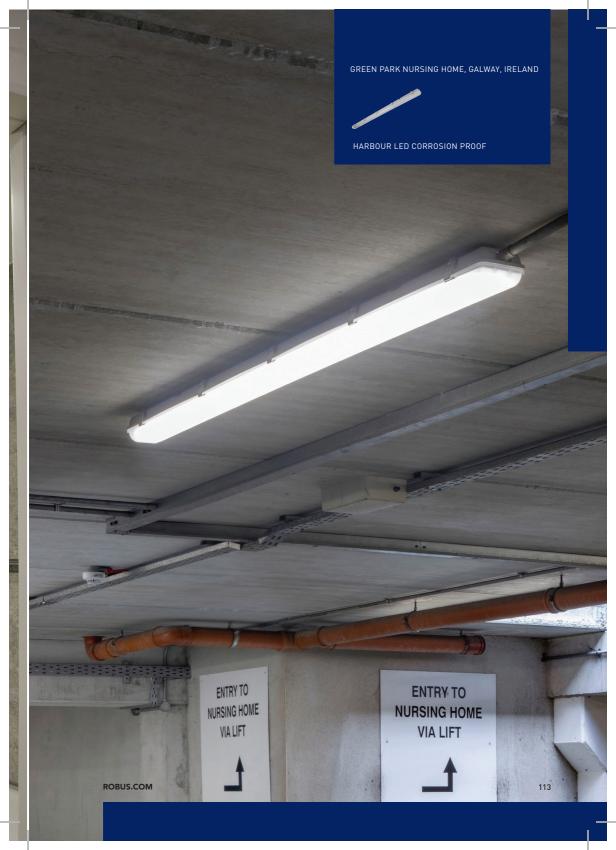
No conversions available for RHA10402FT-24,
RHA20402FT-24 SEN only

SEAI approved
Triple E registered

powered by
TRIDONIC

MIDDLEZOY FOOTBALL CLUB, BRIDGWATER, UK

HARBOUR LED CORROSION PROOF

GREEN PARK NURSING HOME, GALWAY, IRELAND

HARBOUR LED CORROSION PROOF

INDUSTRIAL
SULTAN LED
CORROSION PROOF

Sleek, slim and robust, the ROBUS SULTAN LED corrosion proof is a perfect LED retrofit solution where fluorescent corrosion proofs are used. The high strength opal diffuser delivers a superior evenly diffused light output perfect for use in car parks, cold stores, corridors and garages.

THE SLEEK LINEAR FLUORESCENT REPLACEMENT

Single 1.2M	**RSUF244FT-24**
Double 1.2M	**RSUF484FT-24**
Single 1.5M	**RSUF805FT-24**
Double 1.5M	**RSUF805FT-24**
Single 1.8M	**RSUF486FT-24**
Double 1.8M	**RSUF966FT-24**

FEATURES:

CORROSION PROOF
Polycarbonate housing, diffuser and stainless steel clips provide optimal protection in severe conditions against water

SLIM PROFILE
83mm wide for single fittings
103mm wide for double fittings

HIGH STRENGTH POLYCARBONATE BASE & DIFFUSER
Wide beam angle and no glare
Evenly diffused light

EASY INSTALLATION
Wire through the back or from either end

COST EFFECTIVE
35% Energy Saving
50,000 hour rated LED life
Reduced energy, maintenance and disposal costs

WIDE RANGE OF APPLICATIONS
No heat filaments or electrodes
Resistant to shock and vibration
Withstands temperatures of -25°C to 40°C

PERFORMANCE DRIVEN
Up to 133 lumens per circuit watt
3 year warranty

DIMMING OPTIONS
Suitable for Analogue, Dali and Switch dimming

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INDUSTRIAL
SULTAN LED
CORROSION PROOF

1. CABLE GLAND ENTRY
ENABLES WIRING THROUGH EITHER END OF THE FITTING FOR EASY INSTALLATION

4. LED
HIGH QUALITY SMD LEDS DELIVERING OVER 106 LUMENS PER CIRCUIT WATT

2. POLYCARBONATE BASE
PROVIDES PROTECTION AGAINST IMPACT, IK08

5. ALUMINIUM LED MOUNTING TRAY
THE PERFECT HEAT SINK FOR THE LEDS AND CONTROL GEAR

3. STAINLESS STEEL CLIPS
EASY TO SECURE THE OPAL DIFFUSER, ANTI-CORROSION

6. POLYCARBONATE DIFFUSER
PROVIDES A WIDE BEAM ANGLE AND EVENLY DIFFUSED LIGHT

INDUSTRIAL
SULTAN LED
CORROSION PROOF, GREY

1x24W **2x24W** **1x40W** **2x40W** **1x48W**

2x48W L I N X

CONSTRUCTION:

- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips
- Aluminium gear tray

FEATURES:

- Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
- Flexible so will not crack when mounted on uneven surfaces
- Provides excellent light uniformity with less glare
- Less susceptible to failure due to building vibration caused by traffic or hot/cold temperature variations
- Provides ingress protection against dust and water jets
- Wide operating ambient temperature range of -25°C to 40°C

| 3 YRS WARRANTY | 50,000 HRS RATED HOURS | 106–133 LmW LUMENS PER W | IK 08 IK RATING | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 120° BEAM ANGLE | 5000K CCT | SAFETY CLASS |
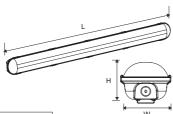
DIMENSIONS (mm)	Width	Length	Height
RSUF244FT-24	85	1,230	77
RSUF484FT-24	103	1,230	77
RSUF405FT-24	85	1,530	77
RVUF805FT-24	103	1,530	77
RSUF486FT-24	85	1,800	77
RSUF966FT-24	103	1,800	77

ACCESSORIES

R360PIR-01	PIR Sensor for linear fittings
R360RC-01	Remote control/programmer for PIR Sensor

R360PIR-01

Scan here for more product information

INDUSTRIAL
SULTAN LED
CORROSION PROOF, GREY

	Single	Double	Single	Double
	1.2M	1.2M	1.5M	1.5M
	1 X 24W	2 X 24W	1 X 40W	2 X 40W
Standard	**RSUF244FT-24**	**RSUF484FT-24**	**RSUF405FT-24**	**RSUF805FT-24**
Emergency	**RSUF244FTE-24**	**RSUF484FTE-24**	**RSUF405FTE-24**	**RSUF805FTE-24**
3 Step Dim			**RSUF405FT-243SD**	**RSUF805FT-243SD**
3 Step Dim & Emergency				**RSUF805FT-243SDE**
Analogue Dim			**RSUF405FT-24AD**	
Sensor			**RSUF405FT-24SEN**	**RSUF805FT-24SEN**
Sensor & Emergency			**RSUF405FT-24SENE**	**RSUF805FT-24SENE**
Comparable to:	1 x 36W	2 x 36W	1 x 58W	2 x 58W
Total Power (W):	22.9	45.4	40.2	77.9
Total Light Output (lm):	2,860 standard 430 emergency	5,600 standard 410 emergency	4,440 standard 390 emergency	8,260 standard 390 emergency
Efficacy (lm/cctW):	126	124	111	106
Lux at 1m (lux):	990 standard 100 emergency	1,790 standard 100 emergency	1,410 standard 100 emergency	2,560 standard 100 emergency
CRI (Ra):	80	80	80	80
CCT (K):	5000	5000	5000	5000
Power Factor (PF):	0.95	0.97	0.97	0.97
Weight (kg):	1.3	1.5	1.6	2.0
Carton Qty:	6	4	6	4

	Single	Double
	1.8M	1.8M
	1 X 46W	2 X 46W
Standard	**RSUF486FT-24**	**RSUF966FT-24**
Emergency	**RSUF486FT-24E**	**RSUF966FTE-24**
Sensor		**RSUF966FT-24SEN**
Sensor & Emergency		**RSUF966FT-24SENE**
Comparable to:	1 x 70W T8	2 x 70W T8
Total Power (W):	47.3	91.3
Total Light Output (lm):	6,270 420 emergency	11,610 standard 430 emergency
Efficacy (lm/cctW):	133	127
Lux at 1m (lux):	2,090 140 emergency	3,880 standard 140 emergency
CRI:	80	80
CCT (K):	5000	5000
Power Factor (PF):	0.97	0.97
Weight (kg):	1.8	2.15
Carton Qty:	4	2

ECA eligible
SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

E | STE | DAE | ECBU | SEN | SENE | SENSTE | SENDAE | 3SD | 3SDE
3SDSTE | 3SDDAE | DD | DDE | DDSTE | DDAE | SWD | SWDE | SWDSTE
SWDAE | AD | ADE | ADSTE | ADDAE

MILL COURT, GUERNSEY

INDUSTRIAL
VULCAN LED
CORROSION PROOF

Designed for demanding industrial applications, the ROBUS Vulcan is the ultimate energy saving, corrosion-proof LED solution for car parks, cold stores, corridors and garages. The range provides light output comparable to waterproof linear fluorescent.

THE DIRECT LINEAR FLUORESCENT REPLACEMENT

Single 6FT	**RVUF486FT-24**
Double 6FT	**RVUF966FT-24**
Single 5FT	**RVUF405FT-24**
Double 5FT	**RVUF805FT-24**
Single 4FT	**RVUF244FT-24**
Double 4FT	**RVUF484FT-24**
Single 2FT	**RVUF122FT-24**
Double 2FT	**RVUF242FT-24**

FEATURES:

CORROSION PROOF
Polycarbonate housing, diffuser and stainless steel clips provide optimal protection in severe conditions against the effects of water

HIGH STRENGTH POLYCARBONATE BASE & DIFFUSER
Wide beam angle and no glare
Evenly diffused light

EASY INSTALLATION
Supplied with LED Driver
Plug & Play mains connection system
Tool-free removable gear tray
Anti-corrosion clips
Surface or Chain Suspension

COST EFFECTIVE
35% energy saving
50,000 hour rated LED life
Reduced energy, maintenance and disposal costs

WIDE RANGE OF APPLICATIONS
No heat filaments or electrodes
Resistant to shock and vibration
Withstands temperatures of -25° C to 40°C

PERFORMANCE DRIVEN
>105 lumens per circuit watt
Part L2 compliant
5 year warranty

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TAKEDA PHARMACEUTICALS, DUBLIN, IRELAND

VULCAN LED CORROSION PROOF

INDUSTRIAL
VULCAN LED
CORROSION PROOF, 2FT & 4FT

1x12W **2x12W** **1x24W** **2x24W** LINX

CONSTRUCTION:

• Grey coloured polycarbonate body
• Opal polycarbonate diffuser
• Stainless steel clips
• Aluminium gear tray

FEATURES:

• Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
• LED replacement for 1x18W to 2x24W fluorescent corrosion proof fitting
• Pro-diffuser providing higher photometric performance than LED tubes and low glare lighting
• Wide operating ambient temperature range of -25°C to 40°C
• Options available through Conversions: 0-10V Dimmable, Microwave Sensor

5 YRS WARRANTY	50,000 HRS RATED HOURS	122–126 LmW LUMENS PER W	IK 08 IK RATING	IP 65 IP RATING	OP 100 240 OPERATING VOLTAGE	115° BEAM ANGLE	5000K CCT	SAFETY CLASS

DIMENSIONS (mm)
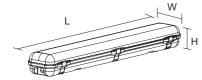
	Width	Length	Height
RVUF244FT-24	93	1,258	97
RVUF484FT-24	140	1,258	97
RVUF122FT-24	93	660	97
RVUF242FT-24	140	660	97

ACCESSORIES

R360PIR-01	PIR Sensor for linear fittings
R360RC-01	Remote control/programmer for PIR Sensor

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Scan here for more product information

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INDUSTRIAL
VULCAN LED
CORROSION PROOF, 2FT & 4FT

	Single	Double	Single	Double
	0.6M	0.6M	1.2M	1.2M
	1 X 12W	2 X 12W	1 X 24W	2 X 24W
Standard	**RVUF122FT-24**	**RVUF242FT-24**	**RVUF244FT-24**	**RVUF484FT-24**
Emergency	**RVUF122FT-24E**	**RVUF242FT-24E**	**RVUF244FT-24E**	**RVUF484FT-24E**
Non-maintained Double Emergency		**RVUF242FT-24NME2**		
Sensor & Self-Test Emergency		**RVUF244FT-24SENSTE**		
DALI Adressable Emergency				**RVUF484FT-24DAE**
Comparable to:	1x18W T8	2x18W T8	1 x 36W T8	2 x 36W T8
Total Power (W):	12.8	23.6	23.1	47.5
Total Light Output (lm):	1,600 standard 330 emergency	2,880 standard 330 emergency	2,900 standard 330 emergency	5.780 standard 330 emergency
Efficacy (lm/cctW):	126	122	126	122
Lux at 1m (lux):	520	950	970	1,980
Emergency lux at 1m (lux):	80	80	80	80
CRI (Ra):	80	80	80	80
CCT (K):	5000	5000	5000	5000
Power Factor (PF):	0.95	0.95	0.95	0.97
Weight (kg):	1.07	1.35	2.5	3.0
Carton Qty:	6	4	6	4

ECA eligible
SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

(E) (STE) (DAE) (ECBU) (SEN) (SENE) (SENSTE) (SENDAE) (3SD) (3SDE)
(3SDSTE) (3SDDAE) (DD) (DDE) (DDSTE) (DDAE) (SWD) (SWDE) (SWDSTE)
(SWDAE) (AD) (ADE) (ADSTE) (ADDAE)
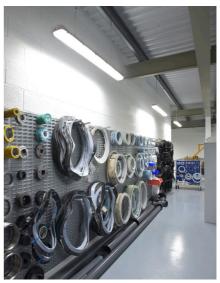
RVUF112FT-24 SEN, DD, SWD & AD only

PIR SENSOR FOR LINEAR FITTINGS

• Maximum remote operation of 7m

TAKEDA PHARMACEUTICALS, DUBLIN, IRELAND

INDUSTRIAL
VULCAN LED
CORROSION PROOF, 5FT & 6FT

1x40W **2x40W** **1x48W** **2x48W**

CONSTRUCTION:

- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips
- Aluminium gear tray

- ### FEATURES:
- Suitable for workshops, garages, warehouses, car parks, farm buildings, wet areas
- 1x58W to 2x70W fluorescent corrosion proof fitting
- Pro-diffuser providing higher photometric performance than LED tubes and low glare lighting
- Wide operating ambient temperature range of -25°C to 40°C
- Options available through Conversions: 0-10V Dimmable, Microwave Sensor

5 YRS	**50,000** HRS	**108–127** LmW	**IK 08**	**IP 65**	**OP 100 240**	**115°**	**5000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
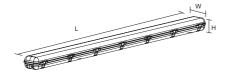
DIMENSIONS (mm)	Width	Length	Height
RVUF486FT-24	93	1,835	97
RVUF966FT-24	140	1,835	97
RVUF405FT-24	93	1,560	97
RVUF805FT-24	140	1,560	97

ACCESSORIES

R360PIR-01	PIR Sensor for linear fittings
R360RC-01	Remote control/programmer for PIR Sensor

Scan here for more product information

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INDUSTRIAL
VULCAN LED
CORROSION PROOF, 5FT & 6FT

	Single	Double	Single	Double
	1.5M	1.5M	1.8M	1.8M
Cool White	1 x 40W	2 x 40W	1 x 48W	2 x 48W
Standard	**RVUF405FT-24**	**RVUF805FT-24**	**RVUF486FT-24**	**RVUF966FT-24**
Emergency	**RVUF405FTE-24**	**RVUF805FTE-24**	**RVUF486FT-24E**	**RVUF966FT-24E**
Sensor	**RVUF405FT-24SEN**	**RVUF805FT-24SEN**		**RVUF966FT-24SEN**
Sensor & Emergency	**RVUF405FT-24SENE**	**RVUF805FT-24SENE**		
Self-test Emergency		**RVUF805FT-24STE**		
Sensor & Self-test Emergency	**RVUF405FT-24SENSTE**	**RVUF805FT-24SENSTE**		
Comparable to:	1 x 58W T8	2 x 58W T8	1 x 70W T8	2 x 70W T8
Total Power (W):	39.6	78.7	46	93.2
Total Light Output (lm):	4,490 standard 330 emergency	8,480 standard 330 emergency	5,850 standard 380 emergency	11,410 standard 360 emergency
Efficacy (lm/cctW):	113	108	127	123
Lux at 1m (lux):	1,390	2,760	1,870	3,970
Emergency lux at 1m (lux):	80	80	80	80
CRI (Ra):	80	80	80	80
CCT (K):	5000	5000	5000	5000
Power Factor (PF):	0.97	0.97	0.97	0.97
Weight (kg):	2.5	3.5	2.7	3.8
Carton Qty:	6	4	4	2

ECA eligible
SEAI approved
Triple E registered

CONVERSIONS AVAILABLE
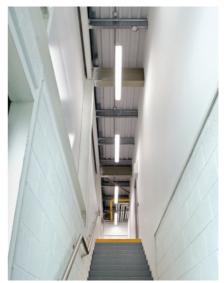
E | STE | DAE | ECBU | SEN | SENE | SENSTE | SENDAE | 3SD | 3SDE
3SDSTE | 3SDDAE | DD | DDE | DDSTE | DDAE | SWD | SWDE | SWDSTE
SWDAE | AD | ADE | ADSTE | ADDAE

REMOTE CONTROL/PROGRAMMER FOR PIR SENSOR

• Maximum remote operation of 7m

TAKEDA PHARMACEUTICALS, DUBLIN, IRELAND

PIR FOR CAESAR, HARBOUR, SULTAN, VULCAN & ALEXANDER

360° PIR

- Suitable for use with ROBUS; CAESAR LED battens, HARBOUR, SULTAN and VULCAN LED corrosion proof fittings and ALEXANDER LED batten
- Polycarbonate housing
- Remote control option available
- Step dimming function only available for products with dimmable driver option

	3 YRS WARRANTY	IP 65 IP RATING	IK 10 IK RATING	SAFETY CLASS

	R360PIR-01
Maximum Switching Capacity (W):	450
Detection Angle (deg):	360
Mounting Height Range (m):	2.5 – 7 max
Operating Temperature (ºC):	-10 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240
Default Sensitivity (%):	100
Default Hold Time (min):	5
Default Lux Switching Level:	Full Daylight
Default Standby Level Before Off (%):	20
Default Standby Time Before Off (min):	60
Weight (kg):	0.1
Carton Qty:	50

Scan here for more product information

PIR REMOTE CONTROL

- Maximum remote operation of 7m

	3 YRS WARRANTY	IP 20 IP RATING	SAFETY CLASS III

	R360RC-01
Detection Sensitivity (%):	100/75/50/20
Hold Time:	10sec/1min/5min/ 15min/30min/60min
Standby Level Before Off (%):	0/10/20/30
Standby Time Before Off:	1min/30min/ 60min/24Hrs
Lux Switching Level (lx):	50 lx
Remote Range (m):	10m Max
Memory Function:	Enter single program to memory button, to allow for rapid programming of additional sensors
Carton Qty:	100

INDUSTRIAL
LAZER 2 VAPOUR PROOF LED THROUGH WIRE LUMINAIRE

20W **34W** **50W** NEW!

CONSTRUCTION:

- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel brackets
- Aluminium gear tray

FEATURES:

- Factory fitted fast-fix spring terminal connector glands both ends with all internal wiring within the fitting:
  - Pre-wired incoming gland to driver
  - Pre-wired loop out from driver to outgoing gland
- Fully sealed construction that does not require opening of fitting for installation
- Gland spring terminals accept 1.5mm² conductors
- Complete with stainless steel surface mounting brackets and suspensions hangers

5 YRS WARRANTY	50,000 HRS RATED HOURS	120–130 LmW LUMENS PER W	IK 08 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	140° BEAM ANGLE	4000K CCT	SAFETY CLASS

DIMENSIONS (mm)
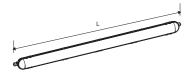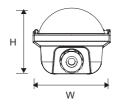
	Width	Length	Height
RLZ204006-24	65	600	68
RLZ344012-24	65	1,200	68
RLZ504015-24	65	1,500	68

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H

W

Scan here for more product information

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INDUSTRIAL
LAZER 2 VAPOUR PROOF LED THROUGH WIRE LUMINAIRE

	0.6M	1.2M	1.5M
Standard	**RLZ204006-24**	**RLZ344012-24**	**RLZ504015-24**
Comparable to:	1x18W T8	2x36W T8	2x58W T8
Total Power (W):	19.5	33.6	47.5
Total Light Output (lm):	2,340	4,280	6,170
Efficacy (lm/cctW):	120	127	130
Lux at 1m (lux):	640	1,140	1,670
CRI (Ra):	80	80	80
CCT (K):	4000	4000	4000
Power Factor (PF):	0.95	0.95	0.95
Weight (kg):	0.52	0.9	1.12
Carton Qty:	12	8	8

INDUSTRIAL
SONIC4 LED HIGHBAY

100W · **150W** · **200W**

L I N X

CONSTRUCTION:

- Die cast aluminium body
- Clear polycarbonate LED cover with seal
- Stainless steel mounting eye

FEATURES:

- Full range to replace traditional metal halide, up to 400W
- High-quality 1-10 VDC dimmable constant current driver
- Wide operating ambient temperature range
- Microwave Sensor version with 3-step dimming function. Default settings - Sensitivity: 100% Hold time: 5min, Dimming level: 30% Dimming time: 30min
- Settings can be changed using controller accessory (RSNMW-RC)
- Microwave Sensor version non-dimmable

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 133–143 LmW LUMENS PER W | IK 09 IK RATING | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 110° BEAM ANGLE | 4000K 5000K CCT | DIMMABLE | SAFETY CLASS |

DIMENSIONS (mm)

	Diameter	Height
RSN10050DAS4-04	239	181
RSN10040DAS4-04	239	181
RSN15050DAS4-04	271	206
RSN15040DAS4-04	271	206
RSN15040MW-04	271	206
RSN20050DAS4-04	306	213
RSN20040DAS4-04	306	213

SONIC4 150W LED HIGHBAY with Microwave Sensor & Remote Control

Scan here for more product information

ACCESSORIES

RSNL60-M	SONIC4 60° Lens accessory for 150W HIGHBAY
RSNL90-M	SONIC4 90° Lens accessory for 150W HIGHBAY
RSNB4-S	SONIC4 Surface Mounting Bracket accessory for 100W & 150W HIGHBAY
RSNB4-L	SONIC4 Surface Mounting Bracket accessory for 200W HIGHBAY
RSNWG4-S	SONIC4 Wire Guard Accessory for 100W HIGHBAY
RSNWG4-M	SONIC4 Wire Guard Accessory for 150W HIGHBAY
RSNXL60	60° Lens accessory for LED MULTIBAY & 200W SONIC4 HIGH BAY
RSNXL90	90° Lens accessory for LED MULTIBAY & 200W SONIC4 HIGH BAY
RSNXPC	80° PC Reflector for LED MULTIBAY & 200W SONIC4 HIGH BAY
RDLHRV-HMW32S	1-10VDC MW Daylight Harvest Sensor
RRD360MW-01	1-10VDC 3 Step Dimming Sensor
RPIRMW-HIM31S	Motion sensor (PIR and MW), 1-10V, surface mounted, black
HRC-11	Remote Control for Daylight Harvest Sensor
RSNMW-RC	SONIC4 Remote Control for RSN15040MW-04

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INDUSTRIAL
SONIC4 LED HIGHBAY

Standard	RSN10050DAS4-04	RSN15050DAS4-04	RSN20050DAS4-04
Comparable to:	200W metal halide	300W metal halide	400W metal halide
Total Power (W):	98.4	148.1	195.6
Total Light Output (lm):	13,810	20,490	27,920
Efficacy (lm / cctW):	140	138	143
Illuminance at 1m (lux):	4,870	7,220	9,790
CCT (K):	5000	5000	5000
Power Factor (PF):	0.95	0.98	0.98
Weight (kg):	1.98	2.69	3.52
Carton Qty:	1	1	1

Standard	RSN10040DAS4-04	RSN15040DAS4-04		RSN20040DAS4-04
Microwave Sensor			RSN15040MW-04	
Comparable to:	200W metal halide	300W metal halide	300W metal halide	400W metal halide
Total Power (W):	97.2	143.8	153.3	192.8
Total Light Output (lm):	13,510	19,130	21,130	27,140
Efficacy (lm / cctW):	139	133	138	141
Illuminance at 1m (lux):	4,770	6,750	7,650	9,580
CCT (K):	4000	4000	4000	4000
Power Factor (PF):	0.95	0.98	0.98	0.98
Weight (kg):	1.98	2.69	2.75	3.52
Carton Qty:	1	1	1	1

ECA eligible
SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

3SD   RDH

LENS ACCESSORY   **80° PC REFLECTOR**

WIRE GUARD ACCESSORY

MOUNTING BRACKET ACCESSORY

INDUSTRIAL
SONIC LED MULTIBAY

100W / 120W / 150W / 200W L I N X **STOCK SAVER**

CONSTRUCTION:

- Die cast aluminium powder coated housing
- Polycarbonate diffuser
- 1m rubber flex

FEATURES:

- Selectable power from 100W to 200W to allow use in any application
- Design and high-quality materials providing very good environment and impact protection
- Dimmable with most of 1-10V systems
- Suspended mounting or surface mounting using RSNB4-L accessory

5 YRS WARRANTY	50,000 HRS RATED HOURS	155-170 LmW LUMENS PER W	IK 09 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	4000K CCT	DIMMABLE	SAFETY CLASS

	RSNX40DA-04
Comparable to:	200-400W metal halide
Total Power (W):	93.2/117.8/146.8/195.8
Total Light Output (lm):	15,910/19,740/23,940/30,530
Efficacy (lm / cctW):	170/167/163/155
Illuminance at 1m (lux):	5,650/7,020/8,510/10,870
CCT (K):	4000
Power Factor (PF):	0.9
Weight (kg):	3.62
Carton Qty:	1

Scan here for more product information

DIMENSIONS (mm)

	Diameter	Height
RSNX40DA-04	306	213

ACCESSORIES

R7EMLST	7W Highbay Emergency Pack with Downlight 1000lm LIFePO4 SELF TEST 6500K
R4EMLST	4W Highbay Emergency Pack with Downlight 600lm LIFePO4 SELF TEST 6500K
RSNXL60	60° Lens accessory for LED MULTIBAY & 200W SONIC4 HIGH BAY
RSNXL90	90° Lens accessory for LED MULTIBAY & 200W SONIC4 HIGH BAY
RSNXPC	80° PC Reflector for LED MULTIBAY & 200W SONIC4 HIGH BAY
RSNB4-S	Surface mounting bracket
RDLHRV-HMW32S	Daylight harvest sensor
RRD360MW	Microwave sensor
RPIRMW-HIM31S	PIR and Microwave sensor combo
HRC-11	Remote Control for Daylight Harvest Sensor

CONVERSIONS AVAILABLE

3SD RDH

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INDUSTRIAL
POWER BAY LED HIGHBAY

100W

L I N X

CONSTRUCTION:

- Die cast aluminium body
- Clear polycarbonate LED cover
- Stainless steel mounting eye
- Stainless steel screws and fixings
- Aluminium/FR4 Composite PCB

FEATURES:

- Very high efficacy of 184lm/w - 100W of power producing 18,350 lumens
- Strong and durable with high impact rating
- IP65 rating so can be installed in damp or dusty environments
- Wide operating temperature range of -25°C to +45°C
- Dimmable with most of the 1-10V systems
- Suitable for switching by PIR, Microwave or Photocell

5 YRS	50,000 HRS	184 LmW	IK 09	IP 65	OP 220 240	110°	5000K		
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	SAFETY CLASS

Standard	**RPB10050DAS-04**
Comparable to:	300W metal halide
Total Power (W):	99.6
Total Light Output (lm):	18,350
Lux at 1m (lux):	6,490
CRI (Ra):	80
CCT (K):	5000
Power Factor (PF):	0.95
Weight (kg):	1.98
Carton Qty:	1

SEAI approved
Triple E registered

DIMENSIONS(mm)

	Diameter	Height
RPB10050DAS-04	239	181

ACCESSORIES

RSNB4-S	Surface mounting bracket
R4EMLST	4W Highbay Emergency Pack with Downlight 600lm LIFePO4 SELF TEST 6500K
R7EMLST	7W Highbay Emergency Pack with Downlight 1000lm LIFePO4 SELF TEST 6500K
RDLHRV-HMW32S	Daylight harvest sensor
RRD360MW	Microwave sensor
RPIRMW-HIM31S	PIR and Microwave sensor combo
HRC-11	Remote Control for Daylight Harvest Sensor

CONVERSIONS AVAILABLE

3SD   RDH

Scan here for more product information

INDUSTRIAL
COSMIC LED FLOOD LIGHT

30W 50W 100W 130W 170W 300W

L I N X

CONSTRUCTION:

• Black powder coated die cast aluminium body
• Tempered glass diffuser
• Cold Rolled and formed steel (SPCC) mounting bracket
• Stainless steel bracket screws

FEATURES:

• LED replacement for up to 300W metal halide flood lights
• Self regulating valve on the fitting to prevent condensation
• Very slim fitting
• Strong and durable, weather resistant
• Utilises high quality SMD LED's with high luminous flux:
  • Low power consumption
  • High efficacy
  • Long LED life
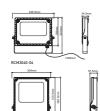
5 YRS WARRANTY	50,000 HRS RATED HOURS	110–143 LmW LUMENS PER W	IK 07 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	3000K 4000K CCT	SAFETY CLASS

DIMENSIONS (mm)	Height	Width	Depth
RCM3040-04	201	235.5	34.5
RCM5040-04	262	277.5	41.5
RCM10040-04	383.5	304	57.5
RCM15040-04	418	487.5	59.5
RCM20040-04	418	487.5	59.5

RCM3040-04

RCM5040-04

RCM10040-04

RCM15040-04
RCM20040-04

Scan here for more product information

CROSS AGRICULTURAL ENGINEERING, KILDARE, IRELAND

INDUSTRIAL
COSMIC LED FLOOD LIGHT

	30W	50W	100W	130W	170W
	RCM3030-04	**RCM5030-04**	**RCM10030-04**	**RCM15030-04**	**RCM20030-04**
Comparable to:	50W metal halide 200W halogen	80W metal halide 350W halogen	150W metal halide 800W halogen	250W metal halide 1200W halogen	300W metal halide 1500W halogen
Total Power (W):	29.3	46.4	94.6	128.4	168.8
Total Light Output (lm):	3,250	5,170	10,950	16,510	21,560
Efficacy (lm/cctW):	111	110	116	129	128
Lux at 1m (lux):	1,220	1,910	4,000	5,930	7,760
CCT (K):	3000	3000	3000	3000	3000
CRI:	80	80	80	80	80
Power Factor (PF):	0.97	0.97	0.97	0.97	0.97
Weight (kg):	1.1	1.6	3.5	5.9	5.9
Carton Qty:	10	5	3	2	2

	30W	50W	100W	130W	170W	300W
	RCM3040-04	**RCM5040-04**	**RCM10040-04**	**RCM15040-04**	**RCM20040-04**	**RCM30040-04**
Comparable to:	50W metal halide 200W halogen	80W metal halide 350W halogen	150W metal halide 800W halogen	250W metal halide 1200W halogen	300W metal halide 1500W halogen	500W metal halide 2000W halogen
Total Power (W):	28.8	47.8	94.6	127	174.7	284.4
Total Light Output (lm):	3,220	5,260	11,490	18,110	24,770	39,610
Efficacy (lm/cctW):	112	110	121	143	141	139
Lux at 1m (lux):	1,200	1,900	4,210	6,520	8,920	13,610
CCT (K):	4000	4000	4000	4000	4000	4000
CRI:	80	80	80	80	80	80
Power Factor (PF):	0.97	0.97	0.97	0.97	0.97	0.98
Weight (kg):	1.1	1.6	3.5	5.9	5.9	11.5
Carton Qty:	10	5	3	2	2	2

SEAI approved
Triple E registered

INDUSTRIAL
COSMIC ASYMMETRIC LED FLOOD LIGHT

30W · **50W** · **90W** · **125W** · **170W** · **290W**

LINX

CONSTRUCTION:

- Powder-coated die cast aluminium housing
- Tempered glass diffuser
- Steel bracket and stainless steel screws
- Prewired with 1m of rubber flex

FEATURES:

- 45°x150° asymmetric beam angle providing optimized light distribution for area lighting
- Equipped with self-regulating valve to prevent condensation
- Die cast aluminium housing providing optimal heat dissipation and high resistance to weather conditions
- Pre-drilled mounting bracket with 180° adjustable angle
- Wide operating ambient temperature range of -20°C to 40°C
- Suitable for switching by PIR, Microwave or Photocell

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 101–135 LmW LUMENS PER W | IK 07 IK RATING | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 45x150° BEAM ANGLE | 3000K 4000K CCT | SAFETY CLASS |

DIMENSIONS (mm)

	Height	Width	Depth
RCM3030AS-04	201	235.5	34.5
RCM5030AS-04	262	277.5	41.5
RCM9030AS-04	383.5	304	57.5
RCM12530AS-04	418	487.5	59.5
RCM17030AS-04	418	487.5	59.5
RCM29030AS-04	582	444	60
RCM3040AS-04	201	235.5	34.5
RCM5040AS-04	262	277.5	41.5
RCM9040AS-04	383.5	304	57.5
RCM12540AS-04	418	487.5	59.5
RCM17040AS-04	418	487.5	59.5
RCM29040AS-04	582	444	60

ACCESSORIES

RCMS-04	COSMIC 290W LED flood light, Spigot Accessory, Black

Scan here for more product information

INDUSTRIAL
COSMIC ASYMMETRIC LED FLOOD LIGHT

	RCM3030AS-04	RCM5030AS-04	RCM9030AS-04	RCM12530AS-04	RCM17030AS-04	RCM29030AS-04
Total Power (W):	31.7	52.1	88.6	127.5	166.9	288.3
Total Light Output (lm):	3200	5290	10420	16140	20520	36810
Efficacy (lm / cctW):	101	102	118	127	123	128
Illuminance at 1m (lux):	1220	1900	3670	5430	6940	16500
CCT (K):	3000	3000	3000	3000	3000	3000
Power Factor (PF):	0.95	0.95	0.95	0.95	0.95	0.97
Weight (kg):	1.1	1.6	3.6	6.0	6.1	11.8
Carton Qty:	10	5	3	2	2	1

	RCM3040AS-04	RCM5040AS-04	RCM9040AS-04	RCM12540AS-04	RCM17040AS-04	RCM29040AS-04
Total Power (W):	31.5	51.6	88.8	130	166.6	289.8
Total Light Output (lm):	3640	5740	10960	17370	21310	39200
Efficacy (lm / cctW):	116	111	123	134	128	135
Illuminance at 1m (lux):	1420	2030	3750	6430	7280	16450
CCT (K):	4000	4000	4000	4000	4000	4000
Power Factor (PF):	0.95	0.95	0.95	0.95	0.95	0.95
Weight (kg):	1.1	1.6	3.6	6.0	6.1	11.8
Carton Qty:	10	5	3	2	2	1

INDUSTRIAL
KINGSTON LED LOW BAY

120W

LINX

CONSTRUCTION:

- White (RAL9016) powder coated steel body
- Polycarbonate Lens and end caps
- Aluminium reflector

FEATURES:

- Three power options available utilising PHILIPS 5000K high quality SMD LED's
- 1-10VDC driver available as standard
- 120W version available with integral 3-step dimming microwave sensor with 800W rated LED load out
- Emergency versions available via conversions department
- Dual row LED design provides increased uniformity and light distribution

5 YRS	**50,000** HRS	**121** LmW	**IK 08**	**IP 20**	**OP 100 240**	**110°**	**5000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS(mm)
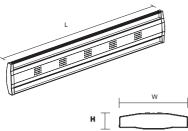
	Width	Length	Height
RKN12050DA-01	208	1,207	47

L

W

H

Scan here for more product information

ACCESSORIES

RKNL60	60° lens accessory for 120W
RKNL90	90° lens accessory for 120W
RKNOPL	Opal lens accessory for 120W
RKNLB-01	Linking bracket accessory
RDLHRV-HMW32S	Daylight Harvest Sensor, 1-10V dimming
RRD360MW-01	Radar 360˚ MW Sensor with 3 step dimming
HRC-11	Remote Control for Daylight Harvest Sensor
PRPIRMW-HIM31S	Daylight harvest Sensor (PIR & Microwave 1-10V)

3 STEP-DIMMING:

- Sensor max detection range of 12m at maximum mounting height of 6m
- Adjustable lux settings of 2-50lx or disabled
- Adjustable time delay of 10s to 1hr or disabled

INDUSTRIAL
KINGSTON LED LOW BAY

1-10V Dimmable	**RKN12050DA-01**
Emergency	**RKN12050DA-01E**
Comparable to:	4x49W T16
Total Power (W):	122.9
Total Light Output (lm):	14,870
Emergency Mode Light Output (lm):	630
Efficacy (lm/cctW):	121
Lux at 1m (lux):	6,620
Emergency Mode Lux at 1m (lux):	280
CRI (Ra):	80
CCT (K):	5000
Power Factor (PF):	0.95
Weight (kg):	4.7
Carton Qty:	2

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

(E) (DD) (DDE) (SWD) (SWDE)

RKN12050DP-01 E only

RADAR 360° MW SENSOR WITH 3 STEP DIMMING

- Suitable for indoor and outdoor applications
- Weatherproof IP65 polycarbonate housing with nickel plated stainless steel mount

RENVALE TECHNOLOGY PARK, SUFFOLK, UK

INDUSTRIAL
PRISMOID LED
LINEAR HI-RACK

120W **150W** LINX

CONSTRUCTION:

- Extruded and sandblasted natural aluminium housing finished with Anodic Oxidation coating process
- PMMA LED lens cover material
- Steel end caps
- Stainless steel fasteners
- Aluminium PCB Material

FEATURES:

- Design optimized for use in warehouses, garages, workshops, retail superstores or sports halls
- Dimmable with most 1-10V systems
- Black painted steel end caps
- Utilises high quality Lighting Optoelectronic SMD LED's for:
  - High lumen output
  - Low power consumption
  - Long life

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 135–136 LmW LUMENS PER W | IK 10 IK RATING | IP 65 IP RATING | OP 100 240 OPERATING VOLTAGE | 70°x30° BEAM ANGLE | 5000K CCT | DIMMABLE | SAFETY CLASS |

DIMENSIONS (mm)
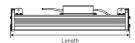
	Width	Length	Depth
RPD12050DA-23	130	590	125
RPD15050DA-23	130	880	125

Depth

Length

Width

Scan here for more product information

ACCESSORIES

RPDRB	Surface mounting, rotating, brackets
RPDL90	90° Lens accessory
RSW44-P	IP20 SWIFT connector
RCONIP68-04	IP68 Connector
RDLHRV-HMW32S	Daylight Harvest Sensor, 1-10V dimming
RRD360MW-01	RADAR 360° MW Sensor with 3 step dimming
HRC-11	Remote Control for Daylight Harvest Sensor
PRPIRMW-HIM31S	Daylight harvest Sensor (PIR & Microwave 1-10V)
R4EMLST	4W Highbay Emergency Pack with Downlight 600lm LIFePO4 SELF TEST 6500K
R7EMLST	7W Highbay Emergency Pack with Downlight 1000lm LIFePO4 SELF TEST 6500K

T +353 1 709 9000   **F** +353 1 709 9060

INDUSTRIAL
PRISMOID LED
LINEAR HI-RACK

	120W	150W
Standard	**RPD12050DA-23**	**RPD15050DA-23**
PIR/Microwave Sensor	**RPD12050DA-23RDH**	
PIR/Microwave Sensor & Twin Spot Emergency Remote	**RPD12050DA-23RDHTSE**	
Comparable to:	250W MH	300W MH
Total Power (W):	118.4	148.2
Total Light Output (lm):	16,160	19,940
Efficacy (lm/cctW):	136	135
Beam Angle (deg):	30 x 70	30 x 70
Lux at 10m (lux):	250	310
CRI (Ra):	75	75
CCT (K):	5000	5000
Power Factor (PF):	0.99	0.99
Weight (kg):	4	5
Carton Qty:	2	2

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

(DD)

DAYLIGHT HARVEST SENSOR, 1-10V DIMMING

- Suitable for indoor and outdoor applications
- Weatherproof IP65 housing
- Surface mounted

CHOICE, WEXFORD, IRELAND

INDUSTRIAL
STREEX LED STREET LIGHT

35W **60W**

CONSTRUCTION:

- Grey RAL7037 die-cast aluminium housing
- Toughened glass cover with polycarbonate lens
- Prewired with 10m rubber flex

FEATURES:
- Two power options available utilising PHILIPS 5,000K high quality IES LM80 tested SMD LED's and IES TM21 extrapolation
- S class beam which reduces number of fittings required and reduce "sky glow"
- Can be side or column-top mounted
- 1-10V Philips XITANIUM driver and Samsung LEDs ensuring long life of the product

5 YRS	**50,000 HRS**	**118–151 LmW**	**IK 08**	**IP 65**	**OP 220 240**	**160°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
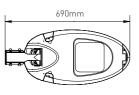
DIMENSIONS(mm)	Width	Height	Length
RSE3540S-25	305	134	690
RSE6040S-25	305	134	690
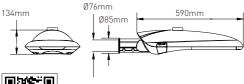
ACCESSORIES

RSE-PC	5-PIN NEMA Photocell

690mm

305mm

134mm Ø76mm Ø85mm 590mm

Scan here for more product information

INDUSTRIAL
STREEX LED STREET LIGHT

1. HOUSING
The canopy & frame are made of anti-corrosion die-cast aluminium. RAL7037 grey as standard. Black and other RAL colours available on request

2. 5 PIN NEMA SOCKET TO ALLOW FOR PHOTOCELL
Comes complete with 5 pin NEMA socket and waterproof cap. Photocell can be ordered as an accessory – Code: RSE-PC
With choice of:
NEMA socket and waterproof cap.
NEMA socket and Photocell

3. HIGH QUALITY SAMSUNG LEDS
Fully integrated LED system that provides optimal lumen output and thermal management for longer LED rated life

4. BEAM ANGLE LENS CONFIGURATIONS
S class lens available as standard. Other options available

5. STAINLESS STEEL HINGED HOLDER
Allows for hands & tool free installation

6. BREATHE HOLE
Helps to keep the thermal management of the fitting by balancing the internal and exterior temperature of the fitting preventing condensation build up on glass cover

7. TEMPERED GLASS COVER LENS
Prevents upward light to G5 glare classification and downward light to between G2 and G3 glare classification to BS EN 13201-2 2015

8. PHILLIPS XITANIUM 1-10V DRIVER
Providing high light output to match traditional lighting sources with energy savings of 50%

9. SURGE PROTECTION DEVICE
Surge protection device that acts as an additional defence to damage from power surges

10. CABLE CONNECTION
M16 cable gland with strain relief. Pre-wired with 10m of 3 core H05RR-F rubber flex

11. SPIRIT LEVEL
Makes head & beam alignment easier and compensates for misaligned columns

12. ADJUSTABLE SPIGOT MOUNT
Allows for side or column-top mounting and head fine adjustment in the horizontal or vertical position

13. 4 X STAINLESS STEEL M10 MOUNTING BOLTS
Creating a sturdy and secure positioning of the fitting

14. TWO SIDE RETAINING CLIPS
Canopy doesn't get blown open by strong winds or vibration

15. IP66 SILICONE GASKET
Creating a durable protective seal against excessive dust and moisture

	35W	60W
	RSE3540S-25	**RSE6040S-25**
Total Power (W):	34.9	62.3
Total Light Output (lm):	4,140	7,500
Efficacy (lm/cctW):	118	121
Lux at 1m (lux):	860	1,560
CRI:	75	75
CCT (K):	4000	4000
Beam Angle (Deg):	150	160
Power Factor (PF):	0.99	0.99
Weight (kg):	7.4	7.4
Carton Qty:	1	1

SEAI approved
Triple E registered

INDUSTRIAL
FALCON LED WALL LIGHT

35W **50W**

CONSTRUCTION:

- Die cast Aluminium base with integral heat sink
- Ribbed opaque polycarbonate diffuser with black top panel & internal reflector
- Retained stainless steel fixing screws

FEATURES:

- Photocell version with adjustable lux switching point
- Prewired with 1m of rubber flex for easy installation
- Photocell version automatically switches on at 20 lux and switch off at 60 lux

Icon	Label
3 YRS	WARRANTY
30,000 HRS	RATED HOURS
101–104 LmW	LUMENS PER W
IK 06	IK RATING
IP 65	IP RATING
OP 220 240	OPERATING VOLTAGE
120°	BEAM ANGLE
5500K	CCT
	SAFETY CLASS

	35W	50W
Standard	**RFA03555-04**	**RFA05055-04**
Photocell	**RFA03555DH-04**	**RFA05055DH-04**
Emergency	**RFA03555-04E**	**RFA05055-04E**
Comparable to:	50W Metal Halide	80W Metal Halide
Total Power (W):	31.1	53.2
Total Light Output (lm):	3,240	5,380
Efficacy (lm/cctW):	104	101
Lux at 1m (lux):	410	1,040
CRI (Ra):	80	70
CCT (K):	5500	5500
Power Factor (PF):	0.95	0.95
Weight (kg):	3.0	3.04
Carton Qty:	4	4

Scan here for more product information

DIMENSIONS (mm)	Width	Length	Depth
RFA03555-04	265	300	180
RFA05055-04	265	300	180

D

W

H

CONVERSIONS AVAILABLE

E	STE	DAE	SEN	SENE	SENSTE	SENDAE	3SD	3SDE
3SDSTE	3SDDAE	DD	DDE	DDSTE	DDAE	SWD	SWDE
SWDSTE	SWDAE	AD	ADE	ADSTE	ADDAE	PCELL	PCELLE
PCELLSTE	PCELLDAE
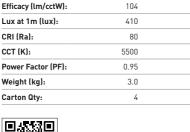
RFA05055-04 3SD, 3SDE, 3SDSTE & 3SDDAE not available

Note: 50W available with back wire entry
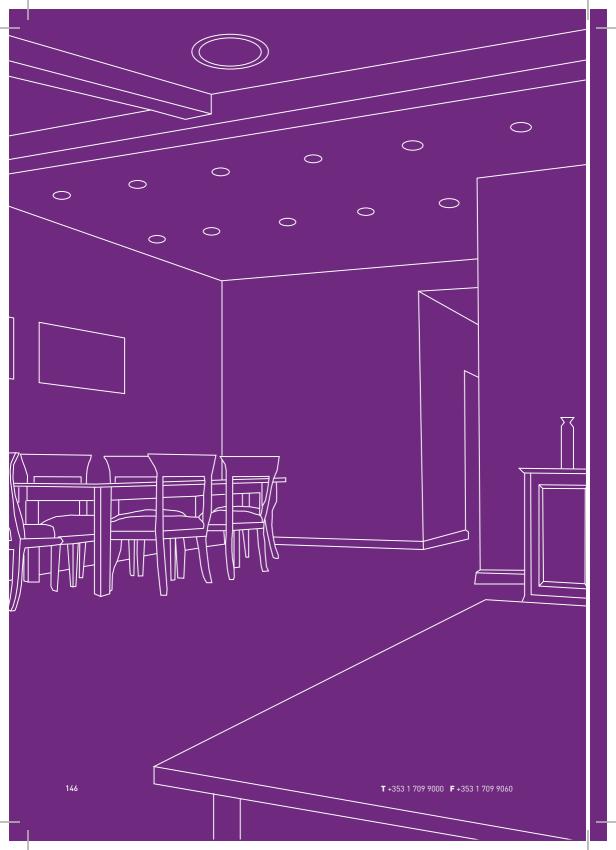
RFA05055X-04 50W Standard with back wire entry
RFA05055DHX-04 50W Photocell with back wire entry

T +353 1 709 9000   **F** +353 1 709 9060

DOWNLIGHTS

DOWNLIGHTS
ULTIMUM+ LED FIRE RATED

7W **CCT4** **NEW!** **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate trim and LEDchroic lens optic
- Die-cast aluminium heatsink
- Pressed steel and polycarbonate body
- Spring steel ceiling fixing springs with PVC protectors

FEATURES:

- Dimmable with selected trailing & leading-edge dimmers. Dimmer compatibility list available on the website
- ROBUS 3 pole connector with two push-in spring terminals per pole and cable restraint
- Colour temperature selectable; switch front of the fitting behind trim allows selection between 2700/3000/4000/6000K
- Fire Tested fo use in 30min/60min/90min Solid Timber Joists
- Tested for use with I-Joists & Metal Web Joists
- Fire, Moisture and Acoustic rating tested

3 YRS	**30,000 HRS**	**80–95 LmW**		**IP 65**	**OP 220 240**	**60°**		**CCT4**	
WARRANTY	RATED HOURS	LUMENS PER W	FIRE RATED	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	DIMMABLE	CCT	SAFETY CLASS

	RUL07X4-01
Comparable to:	50W halogen
Total Power (W):	6.5/6.4/6.3/6.5
Total Light Output (lm):	510/550/590/580
Efficacy (lm/cctW):	80/86/95/91
Lux at 1m (lux):	440/460/490/460
CCT (K)	2700/3000/4000/6000
CRI:	80
Power Factor (PF):	0.9
Weight (kg)	0.32
Carton Qty:	40

G | A-G

Polished Chrome   Matt Black   Brushed Chrome

Scan here for more product information

DIMENSIONS(mm)	Diameter	Depth	Cut-out	Proj.
RUL07X4-01	85	60	72	5

ACCESSORIES

RULSTRIM-03	ULTIMUM+ Polished Chrome Trim
RULSTRIM-10	ULTIMUM+ Matt Black Trim
RULSTRIM-13	ULTIMUM+ Brushed Chrome Trim
RLA400DT	LOADPRO 150W LED Dimmer

CCT switch located under trim

CONVERSIONS AVAILABLE

E   SEN   SENE

DOWNLIGHTS
ULTIMUM TILT+ LED FIRE RATED

6W **CCT4** **NEW!** **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate trim and LEDchroic lens optic
- Die-cast aluminium heatsink
- Pressed steel and polycarbonate body
- Spring steel ceiling fixing springs with PVC protectors

FEATURES:

- 25° tilt versions
- Dimmable with selected trailing and leading-edge dimmers. Dimmer Compatibility List available on the website
- Colour temperature selectable; switch on the back of the fitting allows selection between 2700/3000/4000/6000K
- Fire Tested fo use in 30min/60min/90min Solid Timber Joists
- Tested for use with I-Joists & Metal Web Joists
- Fire, Moisture and Acoustic rating tested
- ROBUS 3 pole connector with two push-in spring terminals per pole and cable restraint

3 YRS	**30,000 HRS**	**93–111 LmW**		**IP 65**	**OP 220 240**	**60°**	**CCT4**		**25°**	
WARRANTY	RATED HOURS	LUMENS PER W	FIRE RATED	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	TILT ANGLE	SAFETY CLASS

	RULT06X4-01
Comparable to:	50W halogen
Total Power (W):	5.7/5.7/5.6/5.7
Total Light Output (lm):	530/560/610/600
Efficacy (lm/cctW):	93/100/111/106
Lux at 1m (lux):	400/430/470/460
CCT (K)	2700/3000/4000/6000
CRI:	80
Power Factor (PF):	0.9
Weight (kg)	0.32
Carton Qty:	40

F | A|B|C|D|E|F|G

Brushed Chrome

Scan here for more product information

DIMENSIONS (mm)

	Diameter	Depth	Cut-out	Proj
RULT06X4-01	85	70	72	4

ACCESSORIES

RULTTRIM-13	ULTIMUM TILT+ Brushed Chrome Trim
RLA400DT	LOADPRO 150W LED Dimmer

CCT switch on back of fitting

CONVERSIONS AVAILABLE

E **SEN** **SENE**

DOWNLIGHTS
ULTIMUM LED FIRE RATED

5W **7W** **CCT3** ROBUS connect **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate trim and LEDchroic lens optic
- Die-cast aluminium heatsink
- Pressed steel and polycarbonate body
- Spring steel ceiling fixing springs with PVC protectors

FEATURES:

- Solid State technology with no heat filaments or electrodes
- IP65 rated
- Fire, Moisture and Acoustic rating tested
- Fire Tested fo use in 30min/60min/90min Solid Timber Joists
- Tested for use with I-Joists & Metal Web Joists
- Low profile body design
- ROBUS 3 pole connector with two push-in spring terminals per pole and cable restraint

3 YRS WARRANTY	30,000 HRS RATED HOURS	77–99 LmW LUMENS PER W	FIRE RATED	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	60° BEAM ANGLE	3000K 4000K CCT3 CCT	DIMMABLE	SAFETY CLASS
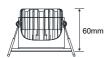
DIMENSIONS (mm)	Diameter	Depth	Cut-out	Proj
RUL0530-01	85	60	72	5
RUL0540-01	85	60	72	5
RUL0730-01	85	60	72	5
RUL0740-01	85	60	72	5
RUL07X0-01	85	60	72	5
RUL05X0-01	85	60	72	5

ACCESSORIES

RULTRIM-03	ULTIMUM trim, Chrome
RULTRIM-10	ULTIMUM trim, Matte Black
RULTRIM-13	ULTIMUM trim, Brushed Chrome
RLA250DTG-01	LOADPRO 250W LED Grid Dimmer
RLA400DT	LOADPRO 150W LED Dimmer
R1001G2W	100W LED Wall Plate Dimmer

60mm

Ø85mm

Ø72mm

Scan here for more product information

DOWNLIGHTS
ULTIMUM LED FIRE RATED

	Chrome	Matt Black	Brushed Chrome

Standard	RUL0530-01	RUL0540-01	RUL0730-01	RUL0740-01
Emergency			RUL0730-01E	
Comparable to:	50W mains	50W mains	50W LV halogen	50W LV halogen
Total Power (W):	4.7	4.7	6.7	6.7
Total Light Output (lm):	410	440	630	660
Efficacy (lm/cctW):	89	95	96	99
Lux at 1m (lux):	390	420	750	770
CCT (K)	3000	4000	3000	4000
CRI:	80	80	80	80
Power Factor (PF):	0.9	0.9	0.9	0.9
Weight (kg)	0.24	0.24	0.24	0.24
Carton Qty:	40	40	40	40
	F A-G	F A-G	F A-G	F A-G

CCT3 COLOUR SELECTABLE

	RUL05X0-01	RUL07X0-01
Comparable to:	50W LV halogen	50W main
Total Power (W):	4.7/4.6/4.9	6.8/6.6/6.8
Total Light Output (lm):	400/450/420	520/610/550
Efficacy (lm/cctW):	88/99/88	77/94/83
Lux at 1m (lux):	280/310/290	670/700/570
CCT (K)	3000/4000/6000	3000/4000/6000
CRI:	80	80
Power Factor (PF):	0.9	0.9
Weight (kg)	0.24	0.24
Carton Qty:	40	40
SEAI approved Triple E registered	G A-G	G A-G

CONVERSIONS AVAILABLE

E SEN SENE

ROBUS®
Ultimum Fire Rated Downlight
Product Code:RUL0540-01
Input Voltage:220-240V~50/60Hz
Total Power: 5W
CCT: 4000K
LED GROUP
NANGOR ROAD,DUBLIN 12,
D12ETVP

DOWNLIGHTS
ULTIMUM DUAL WATTAGE FIRE RATED

5W/7W · **NEW!** · **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate trim and LEDchroic lens optic
- Die-cast aluminium heatsink
- Pressed steel and polycarbonate body
- Spring steel ceiling fixing springs with PVC protectors

FEATURES:

- Solid State technology with no heat filaments or electrodes
- IP65 rated
- Fire, Moisture and Acoustic rating tested
- Low profile body design
- ROBUS 3 pole connector with two push-in spring terminals per pole and cable restraint
- Fire Tested fo use in 30min/60min/90min Solid Timber Joists
- Tested for use with I-Joists & Metal Web Joists

3 YRS WARRANTY	30,000 HRS RATED HOURS	96–111 LmW LUMENS PER W	FIRE RATED	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	60° BEAM ANGLE	3000K 4000K CCT	DIMMABLE	SAFETY CLASS

	RUL050730-01	RUL050740-01
Comparable to:	50W mains	50W mains
Total Power (W):	4.8/6.7	4.9/6.7
Total Light Output (lm):	490/640	540/690
Efficacy (lm/cctW):	103/96	111/104
Lux at 1m (lux):	410/540	450/570
CCT (K)	3000	4000
CRI:	80	80
Power Factor (PF):	0.9	0.9
Weight (kg)	0.24	0.24
Carton Qty:	40	40

F A↑G   F A↑G

60mm

Ø85mm

Ø72mm

Scan here for more product information

DIMENSIONS (mm)	Diameter	Depth	Cut-out	Proj
RUL050730-01	85	60	72	5
RUL050740-01	85	60	72	5

ACCESSORIES

RULTRIM-03	ULTIMUM trim, Chrome
RULTRIM-10	ULTIMUM trim, Matte Black
RULTRIM-13	ULTIMUM trim, Brushed Chrome
RLA400DT	LOADPRO 150W LED Dimmer

Dual Wattage switch on back of fitting

CONVERSIONS AVAILABLE

E · SEN · SENE

DOWNLIGHTS
RAMADA LED FIRE RATED

8.5W

CONSTRUCTION:

- White Powder Coating Process to steel housing
- Die-cast aluminium body
- Clear toughened glass cover
- Pressed steel insulation stand-off
- Spring steel ceiling fixing clips with PVC covers

FEATURES:

- Complete with white and brushed chrome trims
- Polished chrome trim available as accessory
- Complete with 3 way terminal block with large terminals for loop in loop out
- Tested for use with I-Joists & Metal Web Joists
- Available in 3000K or 4000K

2 YRS WARRANTY	**30,000 HRS** RATED HOURS	**90–97 LmW** LUMENS PER W	FIRE RATED	**IP 65** IP RATING	**OP 220 240** OPERATING VOLTAGE	**60°** BEAM ANGLE	**3000K 4000K** CCT	DIMMABLE	SAFETY CLASS

	RRA083060-01	RRA084060-01
Comparable to:	50W LV Halogen	50W LV Halogen
Total Power (W):	6.6	6.7
Total Light Output (lm):	590	640
Efficacy (lm/cctW):	90	97
Lux at 1m (lux):	620	650
CCT (K):	3000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	0.3	0.3
Carton Qty:	36	36

COB
★ ★ ★ ★ ★
ChipOnBoard

F A↑G   F A↑G

DIMENSIONS (mm)
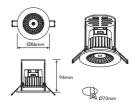
	Diameter	Cut-out	Depth
RRA083060-01	86	70	94
RRA084060-01	86	70	94

Ø86mm

94mm

Ø70mm

ACCESSORIES

RRATRIM-03	Polished Chrome Trim
RRATRIM-13	Brushed Chrome Trim
RLA400DT	LOADPRO 3W Min to 150W Max LED Dimmer

Scan here for more product information

DOWNLIGHTS
RAMADA LED FIRE RATED

1. **TRIM OPTIONS**
   C/W WHITE AND BRUSHED CHROME TRIMS, POLISHED CHROME TRIM AVAILABLE AS ACCESSORY (RRATRIM-03)

2. **SINGLE SPRING CLIPS**
   DESIGNED FOR FAST INSTALLATION WHILST AVOIDING DAMAGE TO THE CEILING

3. **SILICON SEAL**
   TO ENSURE IP65 PROTECTION

4. **REFLECTOR**
   ENSURES ALL THE LIGHT FROM THE LENS IS GUIDED OUTWARDS

5. **LENS**
   PROVIDES 60° BEAM ANGLE

6. **LED**
   HIGH QUALITY COB LED

7. **HEAT SINK**
   DESIGNED FOR THERMAL MANAGEMENT OF LED CHIP

8. **CONNECTOR BLOCK**
   WITH LARGE TERMINALS, IDEAL FOR LOOP IN LOOP OUT

9. **INTEGRATED INSULATION GUARD**
   ENSURES SUFFICIENT GAP FOR AIR

DOWNLIGHTS
TRIUMPH ACTIVATE™ LED FIRE RATED

6W **8W** **11W**

CONSTRUCTION:
• Pressed steel bracket
• Die cast aluminium heat sink

FEATURES:
• LED replacement for up to 26W PL halogen downlights
• True ACtivate Driver-On-Board (DOB) Mains Operated technology - providing dimmability, driver efficiency and reliability (no electrolytic capacitor)
• Chip-On-Board (COB) for superb light output, high efficacy and long life
• LEDchroic optic & reflector achieving unequalled light distribution, uniformity and clarity, whilst replicating traditional dichroic aesthetics
• Tested for use with I-Joists & Metal Web Joists

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 89-99 LmW LUMENS PER W | FIRE RATED | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 38°/60° BEAM ANGLE | 3000K 4000K CCT | DIMMABLE | SAFETY CLASS |

DIMENSIONS (mm)

	Diameter	Depth	Cut-out
RATR6P03038-01	91.5	66	70
RATR8P03038-01	91.5	90	70
RATR0113060-01	91.5	108	70
RATR0114060-01	91.5	100	70

Ø70mm

Scan here for more product information

ACCESSORIES

RATRTRIM-03	Chrome Trim
RATRTRIM-10	Matte Black Trim
RATRTRIM-11	Matte White Trim
RATRTRIM-13	Brushed Chrome Trim
RATRTRIM-14	Antique Brass Trim
RATRLENS60	60° LEDCHROIC™ LENS for 6W & 8W
RATRLENS38	38° LEDCHROIC™ LENS for 11W
RLA400DT-01	LOADPRO 3W Min to 150W Max LED Dimmer
RBF230/4/M3WC	Plug & Play Emergency Pack

CONVERSIONS AVAILABLE

E   SEN   SENE

DOWNLIGHTS
TRIUMPH ACTIVATE™
LED FIRE RATED
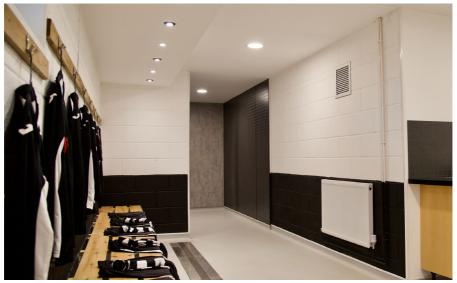
Brushed Chrome Matt Black Chrome

	6W	8W	11W
Standard 3000K	RATR6P03038-01	RATR8P03038-01	RATR11P03038-01
Standard 4000K	RATR6P04038-01	RATR8P04038-01	RATR0114060-01
No Connector 3000K	RATR6P03038NC-01		
No Connector 4000K	RATR6P04038NC-01		
Dimmable & Emergency 3000K	RATR6P03038-01E	RATR8P03038-01E	
Dimmable & Emergency 4000K		RATR8P04038-01E	
Comparable to:	50W Halogen	18W PL	26W PL
Total Power (W):	5.6	7.6	10.7
Total Light Output (lm):	530/550	670/730	1,000/1,070
Efficacy (lm/cctW):	95/99	89/95	94/98
Lux at 1m (lux):	1,000/880	1,230/1,350	1,020/1,080
Beam Angle (deg):	38	38	60
CCT (K):	3000/4000	3000/4000	3000/4000
CRI (Ra):	80	80	80
Power Factor (PF):	0.9	0.9	0.9
Weight (kg):	0.27	0.32	0.37
Carton Qty:	18	18	18

SEAI approved

F A-G   F A-G   F A-G

MIDDLEZOY ROVERS FC, BRIDGWATER, UK

DOWNLIGHTS
CAPELLA GU10 FIRE RATED

ROBUS connect | STOCK SAVER

CONSTRUCTION:
- 30 and 60-minute certified GU10 lamp holder and fire rated downlight in IP65/20 fixed and IP20 directional versions
- Steel body and glass lens with intumescent seal providing the security of passive and active fire barrier protection

FEATURES:
- Modern open back design for improved lamp cooling and performance
- Universal can size across all bezel types for stock saving and retro fit change flexibility
- Quick fit loop-in, loop out push in terminals and cable clamp
- Fire Tested fo use in 30min & 60min Solid Timber Joists
- Tested for use with I-Joists & Metal Web Joists
- Compliant to building regulations Part B, C & E
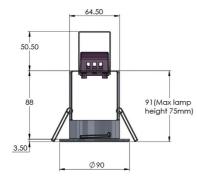
2 YRS WARRANTY	OP 220 240 OPERATING VOLTAGE	FIRE RATED	IP 20/65 IP RATING	20° TILT ANGLE	LAMP NOT INCLUDED	SAFETY CLASS

DIMENSIONS (mm)

	Diameter	Depth	Cut out
RCPF10	90	114	73-78

64.50
50.50
88
3.50
91 (Max lamp height 75mm)
Ø 90

Scan here for more product information

ACCESSORIES

RCPFIG	Capella Insulation Guard
RCPFB65S-01	Capella Bezel IP65, Straight, White
RCPFB65S-03	Capella Bezel IP65, Straight, Chrome
RCPFB65S-13	Capella Bezel IP65, Straight, Brushed Chrome
RCPFB20S-01	Capella Bezel IP20, Straight, White
RCPFB20S-03	Capella Bezel IP20, Straight, Chrome
RCPFB20S-13	Capella Bezel IP20, Straight, Brushed Chrome
RCPFB20D-01	Capella Bezel IP20, Directional, White
RCPFB20D-03	Capella Bezel IP20, Directional, Chrome
RCPFB20D-13	Capella Bezel IP20, Directional, Brushed Chrome
RLA400DT	LOADPRO 150W LED Dimmer

Insulation Guard

DOWNLIGHTS
CAPELLA GU10 FIRE RATED

White IP65

Chrome IP65

Brushed Chrome IP65

White IP20

Chrome IP20

Brushed Chrome IP20

White Tilt

Chrome Tilt

Brushed Chrome Tilt

Capella GU10, without bezel		**RCPF10**
Cap Type:		GU10
Weight (Kg):		0.13
Box Qty:	**Downlight**	60
	Trims	20
Carton Qty:	**Downlight**	60
	Trims	120
	Insulation Guard	50

FIRE RATED DOWNLIGHTS BY ROBUS

ROBUS FIRE RATED DOWNLIGHTS ARE TESTED TO EN FIRE STANDARDS IN SOLID TIMBER, I-JOISTS & METAL WEB JOISTS CEILING CONSTRUCTIONS. DESIGNED AND TESTED TO RETAIN THE INTEGRITY OF 30, 60 & 90 MINUTE FIRE RATED CEILINGS - COMPLIANT WITH BUILDING REGULATIONS PARTS B, C AND E.

30 MINS

A 30 minute fire rated ceiling has the joists spaced at 600mm centres and uses a single layer of 12.5mm gypsum board.

30 minute fire rated ceilings are the most common and are used in 2-storey buildings, flats and maisonettes.

60 MINS

A 60 minute fire rated ceiling has the joists spaced at 600mm centres and uses two layers of 15mm gypsum board.

90 MINS

A 90 minute fire rated ceiling has the joists spaced at 450mm centres and uses two layers of 15mm gypsum board.

Ceiling Type	Solid Timber Joist			Metal Webbed	I-Joist	
Downlight	30min	60min	90min	30min ITW	30min James-James	30min Staircraft
Ultimum	Y	Y	Y	Early-2021	Y	Y
Triumph	Y	Y	Y	Early-2021	Y	Y
Triumph Tilt	Y	Y	-	Early-2021	Y	Y
Ramada	Y	Y	Y	Early-2021	Y	Y
Starling	Y	Y	Y	Early-2021	Y	Y
Capella	Y	Y	-	Early-2021	Y	Y

Test evidence is available from Robus Technical Technicalteam@robus.com

DOWNLIGHTS
STARLING PREMIUM FIRE RATED

50W ROBUS connect

CONSTRUCTION:

- White Powder Coating Process to steel housing
- Electro-plated trim
- Die cast aluminium centre ring
- Spring steel ceiling retaining springs

FEATURES:

- Suitable for offices, retail shops, reception areas, hotels, restaurants, bars and clubs, showrooms
- Recessed downlights with pressed steel body and front bezel
- Fitting design and intumescent seals retain the integrity of 30, 60, 90 minute fire rated ceiling/floor constructions
- Complies with BS476 Part 21
- Tested for use with I-Joists & Metal Web Joists

2 YRS WARRANTY	FIRE RATED	excl. LAMP EXCLUDED	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

Mains Voltage	GU/GZ10
White	**RSF201-01**
Chrome	**RSF201-03**
Brushed Chrome	**RSF201-13**
Total Power (W):	50
Cap Type:	GU10
Weight (kg):	0.25
Carton Qty:	24

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RSF201-01/03/13	85	105	73

White	Chrome	Brushed Chrome

Scan here for more product information

DOWNLIGHTS
STARLING PREMIUM
FIRE RATED - DIRECTIONAL

50W ROBUS connect

CONSTRUCTION:
- White Powder Coating Process to steel housing
- Electro-plated trim
- Die cast aluminium centre ring
- Spring steel ceiling retaining springs
- GU10 porcelain lamp holder
- Fibreglass sheathed insulated conductors

FEATURES:
- Recessed downlights with pressed steel body and front bezel
- Fitting design and intumescent seals retain the integrity of 30, 60, 90 minute fire rated ceiling/floor constructions
- Adjustable tilt angle of 20°
- Complies with BS476 Part 21
- Complies with dichroic and aluminum lamp types
- Tested for use with I-Joists & Metal Web Joists

2YRS WARRANTY	FIRE RATED	excl. LAMP EXCLUDED	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS	20° TILT ANGLE

Mains Voltage	GU/GZ10
White	**RSF208-01**
Chrome	**RSF208-03**
Brushed Chrome	**RSF208-13**
Total Power (W):	50
Cap Type:	GU10
Weight (kg):	0.32
Carton Qty:	24

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RSF208-01/03/13	100	115	86

White   Chrome   Brushed Chrome

Scan here for more product information

DOWNLIGHTS
STARLING PREMIUM
FIRE RATED - SHOWER

50W

ROBUS connect

CONSTRUCTION:

- Electro-plated trim
- Die cast aluminium centre ring
- Spring steel ceiling retaining springs
- Fibreglass sheathed insulated conductors

FEATURES:

- Recessed downlights with pressed steel body and front bezel
- Fitting design and intumescent seals retain the integrity of 30, 60, 90 minute fire rated ceiling/floor constructions
- Complies with BS476 Part 21
- Complies with dichroic and aluminum lamp types
- Class 1 Construction
- Compatible with GU10 Halogen
- Tested for use with I-Joists & Metal Web Joists

| 2 YRS WARRANTY | FIRE RATED | excl. LAMP EXCLUDED | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | DIMMABLE | SAFETY CLASS |

Mains Voltage	GU/GZ10
White	**RSF20165-01**
Chrome	**RSF20165-03**
Brushed Chrome	**RSF20165-13**
Total Power (W):	50
Cap Type:	GU10
Weight (kg):	0.31
Carton Qty:	24

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RSF20165-01/03/13	91	125	76

White   Chrome   Brushed Chrome

Scan here for more product information

DOWNLIGHTS
TAYLOR LED CCT3 SELECTABLE

7W **9W** **CCT3** **STOCK SAVER**

CONSTRUCTION:

- Plastic coated Aluminium PA66 housing
- Polycarbonate trim & Opal diffuser
- Steel spring clips

FEATURES:

- The fitting is pre-wired with 0.25m of flex and 2 pole push-in spring terminal connector block with integral cable clamp facility making installation fast and simple. Having two terminals per pole allows for loop in/loop out to other fittings on the same controlled circuit
- An opal polycarbonate diffuser is employed which provides a soft light for low glare whilst allowing maximum lumen transmission
- The plastic coated die-cast aluminium body provides maximum thermal conductivity to dissipate heat for long LED and driver life

3 YRS WARRANTY	30,000 HRS RATED HOURS	85–104 LmW LUMENS PER W	IP 44 IP RATING	OP 220 240 OPERATING VOLTAGE	100° BEAM ANGLE	CCT3 CCT	DIMMABLE	SAFETY CLASS

DIMENSIONS (mm)
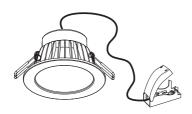
DIMENSIONS (mm)	Diameter	Cut-out	Depth
RC7W723-01	90	72	64
RC9W923-01	108	92	60

ACCESSORIES

RC7TRIMX-04	Circular trim for 72mm cut out, Black for RC7
RC72TRIM-01	Extension trim to 92mm cut out, White for RC7
RC72TRIM-13	Extension trim to 92mm cut out, Brushed Chrome for RC7
RC7SQTRIM-01	Square trim for 72mm cut out, White for RC7
RC7SQTRIM-13	Square trim for 72mm cut out, Brushed Chrome for RC7
RLA400DT	LOADPRO 150W LED Dimmer

Scan here for more product information

T +353 1 709 9000 **F** +353 1 709 9060

DOWNLIGHTS
TAYLOR LED CCT3 SELECTABLE

Brushed Chrome   Chrome   Matt Black

	RC7W723-01	RC9W923-01
Comparable to:	50W Halogen	50W Halogen
Total Power (W):	6.7	7.2/7.1/7.2
Total Light Output (lm):	570/620/610	650/730/700
Efficacy (lm/cctW):	85/92/91	92/104/98
Lux at 1m (lux):	250/300/270	280/310/300
CCT (K):	3000/4000/6500	3000/4000/6500
CRI:	80	80
Power Factor (PF):	0.9	0.8
Weight (kg):	0.22	0.28
Carton Qty:	40	40

SEAI approved
Triple E registered

Note: Multiple CCT data shown in format Warm White/Neutral White/Daylight White

CONVERSIONS AVAILABLE

(E) (SEN) (SENE)

SQUARE TRIM FOR 72MM CUT OUT, WHITE

- High quality powder coating finish
- Twist and lock

DOWNLIGHTS
GEM CCT4 GIMBAL DIMMABLE DOWNLIGHT

6W **CCT4** **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate body, trim and driver housing
- Aluminium heat sink
- Polycarbonate LEDchroic lens
- Integrated CCT switch
- 3 way push in connector with double poles
- Steel spring clips

FEATURES:

- Fully sealed – compliant with RT2012, acoustics rated and blown insulation can be sprayed over the fitting
- Separate driver with push connectors for fast and easy installation
- Stepped back reflector
- Adjustable tilt angle in any direction
- CCT selection of 2700K, 3000K, 4000K or 6500K

3 YRS WARRANTY	35,000 HRS RATED HOURS	86–105 LmW LUMENS PER W	IK 07 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	70° BEAM ANGLE	CCT4 CCT	DIMMABLE	SAFETY CLASS

Matt Black	**RGE6CCT4-10**
Matt White	**RGE6CCT4-11**
Silver	**RGE6CCT4-15**
Comparable to:	50W halogen
Total Power (W):	5.3/5.3/5.3/5.3
Total Light Output (lm):	450/480/550/540
Efficacy (lm / cctW):	86/92/105/104
Lux at 1m (lux):	330/360/410/400
CCT (K):	2,700/3,000/4,000/6,500
Power Factor (PF):	0.85
Weight (kg):	0.22
Carton Qty:	40

F A G

DIMENSIONS (mm)

	Depth	Diameter	Cut-out
RGE6CCT4-10	58	90	67
RGE6CCT4-11	58	90	67
RGE6CCT4-15	58	90	67

Ø90mm

Matt Black

25°

Silver

CONVERSIONS AVAILABLE

E SEN SENE

Scan here for more product information

DOWNLIGHTS
DRACO LED DIM TO WARM DOWNLIGHT

6W **CCT2** **STOCK SAVER**

CONSTRUCTION:

- Die cast aluminium housing with polycarbonate trim and PMMA lens
- LEDchroic style lens
- 3 way push in connector with double poles
- Separate driver with in-line quick connector and CCT switch

FEATURES:

- CCT selection between 2000K, 3000K and Dim-to-Warm (from 3000K to 2000K)
- Adjustable tilt angle of up to 25°
- Separate driver with push connectors for fast and easy installation
- Changeable trims available in matt black and chrome
- Stepped back reflector
- Dimmable with selected leading and trailing edge dimmers

5 YRS	50,000 HRS	78-90 LmW	IK 07	IP 65	OP 220 240	40°	CCT2 Dim to warm	DIMMABLE	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT DIM TO WARM	DIMMABLE	SAFETY CLASS

Matt White	**RDR6D2W-11**
Comparable to:	50W halogen
Total Power (W):	6.2/6.2
Total Light Output (lm):	480/550
Efficacy (lm/cctW):	78/90
Lux at 1m (lux):	650/760
CCT (K):	2000/3000
Power Factor (PF):	0.9
Weight (kg):	0.2
Carton Qty:	45

F / A-G

DIMENSIONS (mm)

	Depth	Diameter	Cut-Out
RDR6D2W-11	33	85	70

ACCESSORIES

RDRTRIM-10	DRACO Downlight, Matt Black Trim Accessory
RDRTRIM-03	DRACO Downlight, Chrome Trim Accessory
RLA400DT	LOADPRO 150W LED Dimmer

Chrome

Matt Black

Scan here for more product information

DOWNLIGHTS
CAVAN LED CCT3 SELECTABLE

8W · **STOCK SAVER**

CONSTRUCTION:

- Die cast aluminium heat sink/housing
- Polycarbonate bezel, connector housing & cover
- Polycarbonate LEDchroic lens
- Stainless steel fixings

FEATURES:

- Excellent thermal management for extended LED & driver life
- Quick connect driver for faster installation
- Compared to LV Halogen:
  - Comparable light output so is a one for one replacement
  - Saves over 78% energy for paybacks in less than 12mths
  - Superb efficacy to comply with existing & future regulations

5 YRS	**50,000 HRS**	**90–107 LmW**	**IP 65**	**OP 220 240**	**38°**	**CCT3**	**DIMMABLE**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	SAFETY CLASS

	CCT Selectable
White	**RC8CCT3-01**
Comparable to:	50W Halogen
Total Power (W):	7.9/7.7/7.9
Total Light Output (lm):	710/820/810
Efficacy (lm/cctW):	90/107/103
Lux at 1m (lux):	950/1,100/1.090
CCT (K):	3000/4000/6500
CRI:	80
Power Factor (PF):	0.8
Weight (kg):	0.17
Carton Qty:	48

SEAI approved
Triple E registered

COB ★ ★ ★ ★ ★ ChipOnBoard

Scan here for more product information

DIMENSIONS (mm)	Diameter	Cut-out	Depth	Proj
RC8CCT3-01/13	90	72	64	5

64mm

Ø72mm

CONVERSIONS AVAILABLE

E · SEN · SENE

DOWNLIGHTS
CAVAN LED CCT3 SELECTABLE, TILT

6.5W **STOCK SAVER**

CONSTRUCTION:

- Die cast aluminium heat sink/housing
- Polycarbonate bezel, connector housing & cover
- Polycarbonate LEDchroic lens
- Stainless steel fixings

FEATURES:

- Excellent thermal management for extended LED & driver life
- Quick connect driver for faster installation
- Compared to LV Halogen:
  - Comparable light output so is a one for one replacement
  - Saves over 78% energy for paybacks in less than 12mths
  - Superb efficacy to comply with existing & future regulations

5YRS	50,000 HRS	88–102 LmW	IP 20	OP 220 240	38°	CCT3	DIMMABLE		25°
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	SAFETY CLASS	TILT ANGLE

	CCT Selectable
White	**RCT6CCT3-01**
Brushed Chrome	**RCT6CCT3-13**
Comparable to:	50W Halogen
Total Power (W):	6.5
Total Light Output (lm):	590/680/670
Efficacy (lm/cctW):	88/102/99
Lux at 1m (lux):	880/1,000/1,000
CCT (K):	3000/4000/6500
CRI:	80
Power Factor (PF):	0.8
Weight (kg):	0.17
Carton Qty:	48
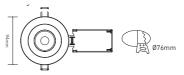
SEAI approved
Triple E registered

COB ★★★★★ ChipOnBoard

DIMENSIONS (mm)

	Diameter	Cut-out	Depth	Proj
RCT6CCT3-01/13	94	76	62	3

96mm

Ø76mm

CONVERSIONS AVAILABLE

E SEN SENE

White

Scan here for more product information

DOWNLIGHTS
CAVAN LED, DIMMABLE

8W

CONSTRUCTION:

- Die cast aluminium heat sink/housing
- Polycarbonate bezel, connector housing & cover
- Polycarbonate LEDchroic lens
- Stainless steel fixings

FEATURES:

- LED replacement for 50W halogen downlights
- Die cast aluminium housing with polycarbonate trim and high temperature resistance PC lens
- Large screw terminals allowing loop-in/loop-out
- Quick connect driver for faster installation
- Wide operating ambient temperature range of -20°C to +40°C

3YRS WARRANTY	35,000 HRS RATED HOURS	107-113 LmW LUMENS PER W	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	38° BEAM ANGLE	3000K 4000K CCT	DIMMABLE	SAFETY CLASS
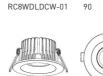
	Warm White	Neutral White
White	**RC8WDLDWW-01**	**RC8WDLDCW-01**
Comparable to:	50W Halogen	50W Halogen
Total Power (W):	8.8	8.5
Total Light Output (lm):	930	960
Efficacy (lm / cctW):	107	113
Lux at 1m (lx):	1,910	1,870
CCT (K):	3000	4000
CRI:	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	0.27	0.27
Carton Qty:	40	40

COB
★ ★ ★ ★ ★
ChipOnBoard

DIMENSIONS (mm)

	Diameter	Cut-out	Depth
RC8WDLDWW-01	90	73	50
RC8WDLDCW-01	90	73	50

Ø73mm

CONVERSIONS AVAILABLE

E   SEN   SENE

Scan here for more product information

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DOWNLIGHTS
MORPH LED CCT3 SELECTABLE

20W **30W** **50W** **CCT3** L I N X **STOCK SAVER**

CONSTRUCTION:
- White powder coated Aluminium body and trim
- Stainless Steel spring clips with polycarbonate opal diffuser

FEATURES:
- Neat installation flush to ceiling without damage to tile face
- Colour temperature can be selected on completion insitu for best light colour to suit the task area and décor of the lit space
- It can be changed quickly and simply if décor or use of the area is changed in the future
- Provides functional dimming to complement natural light
- Saves even more energy when dimmed
- Great as a retrofit solution with existing dimmer switches

| 5 YRS WARRANTY | 30,000 HRS RATED HOURS | 84–109 LmW LUMENS PER W | IK 08 IK RATING | IP 54 IP RATING | OP 220 240 OPERATING VOLTAGE | 110° BEAM ANGLE | CCT3 CCT | DIMMABLE | SAFETY CLASS |

DIMENSIONS (mm)
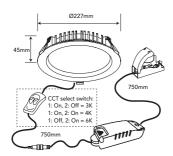
	Diameter	Cut-out	Depth
RMP20WCCT3DL-01	227	195	45
RMP30WCCT3DL-01	227	195	45
RMP50WCCT3DL-01	227	195	45

Ø227mm
45mm
750mm
CCT select switch:
1: On, 2: Off = 3K
1: On, 2: On = 4K
1: Off, 2: On = 6K
750mm

Scan here for more product information

ACCESSORIES
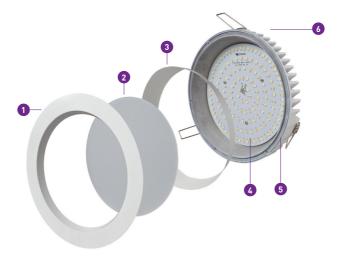
RMPSMK-01	MORPH, Surface Mount Can, White
R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 battery, c/w Swift Connector
RLA400DT	LOADPRO 150W LED Dimmer

CONVERSIONS AVAILABLE

E STE DAE ECBU SEN SENE SENSTE SENDAE 3SD
3SDE 3SDSTE 3SDDAE DD DDE DDSTE DDAE SWD
SWDE SWDSTE SWDAE AD ADE ADSTE ADDAE

DOWNLIGHTS
MORPH LED CCT3 SELECTABLE

1. **ALUMINIUM BEZEL**
   ROBUST AND DURABLE

2. **POLYCARBONATE DIFFUSER**
   HIGH QUALITY DIFFUSER
   DISPERSES LIGHT EVENLY.
   HIGH EFFICACY OF 84-109LM/W

3. **REFLECTOR**
   ENSURES ALL LIGHT FROM THE
   LEDS IS REFLECTED INTO THE
   DIFFUSER

4. **COLOUR SELECTABLE
   LED ARRAY**
   HIGH POWERED LEDS
   PRODUCING UP TO 4,490
   LUMENS DIMMABLE

5. **DIE CAST ALUMINIUM BODY**
   DESIGNED FOR OPTIMAL
   THERMAL MANAGEMENT OF
   THE LED CHIPS

6. **COLOUR TEMPERATURE
   SELECTION SWITCH**
   EASY TO SET CCT CHOICE

	20W	30W	50W
Standard	**RMP20WCCT3DL-01**	**RMP30WCCT3DL-01**	**RMP50WCCT3DL-01**
Emergency Pack	**RMP20WCCT3DL-01E**		
Comparable to:	2x26	2x32	2x42
Total Power (W):	20.2/19.3/20.4	30.6/28.8/31	49/45.7/48.3
Total Light Output (lm):	1,860/2,060/2,100	2,770/3,140/3,140	4,130/4,490/4,240
Efficacy (lm/cctW):	92/107/103	91/109/101	84/98/88
Lux at 1m (lux):	600/700/620	900/1,000/930	1,550/1,700/1,600
CCT (K):	3000/4000/6500	3000/4000/6500	3000/4000/6500
CRI:	80	80	80
Power Factor (PF):	0.9	0.8	0.9
Weight (kg):	1.1	1.3	1.3
Carton Qty:	8	8	8

SEAI approved
Triple E registered

Multiple CCT data shown in format Warm White/Neutral White/Daylight White

DOWNLIGHTS
MIRA DUAL WATTAGE CCT4 SELECTABLE DIMMABLE

18W/24W **30W/40W** **CCT4** **STOCK SAVER**

CONSTRUCTION:

- Die cast aluminium powder coated body and trim
- TP$_a$ rated polycarbonate diffuser
- Steel spring clips with PVA covers

FEATURES:

- Integrated switch allows selection between two wattages and four CCT's
- Complete with dimmable driver for selected leading and trailing edge dimmers (compatibility list on website)
- Utilises high quality LM80 tested SMD LED's
- Extra wide extension trim accessory available
- Slim die cast body aids installation in shallow ceiling voids

3 YRS	35,000 HRS	92–115 LmW	IK 07	IP 44	OP 220 240	110°	CCT4		
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	SAFETY CLASS

DIMENSIONS (mm)
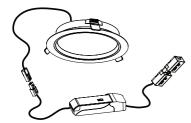
	Diameter	Cut-out	Depth
RMR1824X0-01	227	190	45
RMR3040X0-01	227	190	45

45mm

Ø227mm

ACCESSORIES

RMP280TRIM-01	280mm Extension Trim Accessory
RMPSMK-01	Surface Mount Can
R3EMPK4-PSU	Plug & play emergency pack with LifePo4 Battery
RLA400DT	LOADPRO 150W LED Dimmer
HED6045/D2	Dali switch dim, 45W LED current selectable driver w/ 30cm cable +DC connector

CONVERSIONS AVAILABLE

E STE DAE ECBU SEN SENE SENSTE SENDAE 3SD
3SDE 3SDSTE 3SDDAE DD DDE DDSTE DDAE SWD
SWDE SWDSTE SWDAE AD ADE ADSTE ADDAE

Scan here for more product information
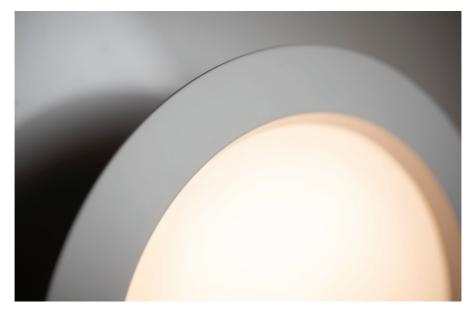
MIRA DUAL WATTAGE CCT4 SELECTABLE DIMMABLE

	RMR1824X0-01		RMR3040X0-01	
Comparable to:	32W fluorescent	40W fluorescent	58W fluorescent	70W fluorescent
Total Power (W):	18.9/18.5/18.7/18.9	25.5/24.9/25.2/25.6	30.1/29.7/29.8/30.3	39.5/38.8/39.1/39.9
Total Light Output (lm):	1,850/2,010/2,010/1,940	2,360/2,630/2,600/2,470	3,210/3,420/3,420/3,340	4,020/4,330/4,340/4,180
Efficacy (lm / cctW):	98/109/108/102	92/105/103/97	107/115/115/110	101/111/111/105
Lux at 1m (lux):	690/750/750/720	870/980/970/920	1,200/1,270/1,270/1,240	1,500/1,610/1,610/1,550
CCT (K):	3000/4000/5000/6500		3000/4000/5000/6500	
Power Factor (PF):	0.95		0.95	
Weight (kg):	0.97		1.01	
Carton Qty:	8		8	

Multiple CCT data shown in format Warm White/Neutral White/Daylight White

DOWNLIGHTS
STUDIO LED CCT3 SELECTABLE, DIMMABLE

6W **12W** **18W** **24W** **CCT3** **STOCK SAVER**

CONSTRUCTION:

- White Polycarbonate Housing
- Opal Polystyrene diffuser
- Spring steel mounting springs
- Pressed steel mounting bracket

FEATURES:

- The fitting can be either recessed or surface mounted
- Adjustable stainless steel mounting bracket allowing mounting in cut outs of Ø55-100mm
- CCT selectable between 3000K, 4000K and 6500K using switch on the back of the fitting
- Polycarbonate housing with polystyrene diffuser
- Comes with magnet to allow easy clip-on mounting of accessory trims
- Prewired with 170mm flex

2 YRS	**20,000 HRS**	**74–95 LmW**	**IP 20**	**OP 220 240**	**110°**	**CCT3**		
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	SAFETY CLASS
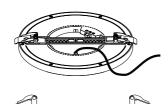
DIMENSIONS (mm)

	Diameter	Cut-out	Height
RSD6CCT3M-01	140	55-100	15
RSD12CCT3M-01	165	55-125	15
RSD18CCT3M-01	217	55-175	15
RSD24CCT3M-01	290	60-250	15

ACCESSORIES

RSD6TRIM-04	Matt Black Trim Accessory
RSD6TRIM-13	Brushed Chrome Trim Accessory
RSD12TRIM-04	Matt Black Trim Accessory
RSD12TRIM-13	Brushed Chrome Trim Accessory
RSD18TRIM-04	Matt Black Trim Accessory
RSD18TRIM-13	Brushed Chrome Trim Accessory
RSD24TRIM-04	Matt Black Trim Accessory
RSD24TRIM-13	Brushed Chrome Trim Accessory
RLA400DT	LOADPRO 150W LED Dimmer

Scan here for more product information

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DOWNLIGHTS
STUDIO LED CCT3
SELECTABLE, DIMMABLE

Brushed Chrome

Matt Black

	RSD6CCT3M-01	RSD12CCT3M-01	RSD18CCT3M-01	RSD24CCT3M-01
Comparable to:	13W PL	2x13W PL	2x18W PL	2x26W PL
Total Power (W):	6.1/6.2/6.1	12.5/12.8/12.6	18.1/18.6/18.2	22.8/23.5/22.7
Total Light Output (lm):	440/480/450	970/1080/990	1620/1770/1590	1820/2100/1870
Efficacy (lm/cctW):	74/79/75	77/84/79	89/95/87	80/90/83
Lux at 1m (lux):	150/170/160	330/370/340	560/610/570	630/730/650
CCT (K):	3000/4000/6500	3000/4000/6500	3000/4000/6500	3000/4000/6500
CRI:	80	80	80	80
Power Factor (PF):	0.9	0.8	0.9	0.8
Weight (kg):	0.15	0.2	0.35	0.6
Carton Qty:	40	24	20	10

CONVERSIONS AVAILABLE

(E) (SEN) (SENE)

RSD18CCT3M-01 / RSD24CCT3M-01 SEN only

DOWNLIGHTS
VIRTUE LED DOWNLIGHT

10W **18W** **24W**   LINX

CONSTRUCTION:

- Die-cast aluminium housing and trim
- Polycarbonate diffuser
- Prewired with 1.5m flext and SWIFT 4 pin male/female plug & play connector
- Steel spring clips

FEATURES:

- Very slim fitting which means it can easily be installed in ceilings with shallow voids
- Wide flange trim which helps cover badly cut or existing cut-outs and provides an attractive contemporary aesthetic
- Independently 850° glow-wire tested provides additional safety for building users in the event of a fire

5 YRS	**50,000 HRS**	**108–126 LmW**	**IP 54**	**OP 220 240**	**100°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)
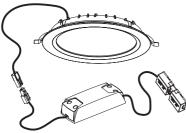
DIMENSIONS (mm)	Diameter	Cut-out	Depth
RVR1040-01	121	100	38
RVR1840-01	221	195-205	38
RVR2440-01	221	195-205	38

ACCESSORIES

RMPSMK-01	Surface Mounting Can
R3EMPK4-PSU	Plug & play emergency pack with LiFePO4 Battery
HED6010/D2	10W DALI 2 LED Driver with connector
RVR265TRIM-01	VIRTUE 265mm Extension Trim
RLA400DT	LOADPRO 150W LED Dimmer
HED6045/D2	Dali switch dim, 45W LED current selectable driver w/ 30cm cable +DC connector

CONVERSIONS AVAILABLE

E	STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE	3SD
3SDE	3SDSTE	3SDDAE	DD	DDE	DDSTE	DDAE	SWD	
SWDE	SWDSTE	SWDAE	AD	ADE	ADSTE	ADDAE		

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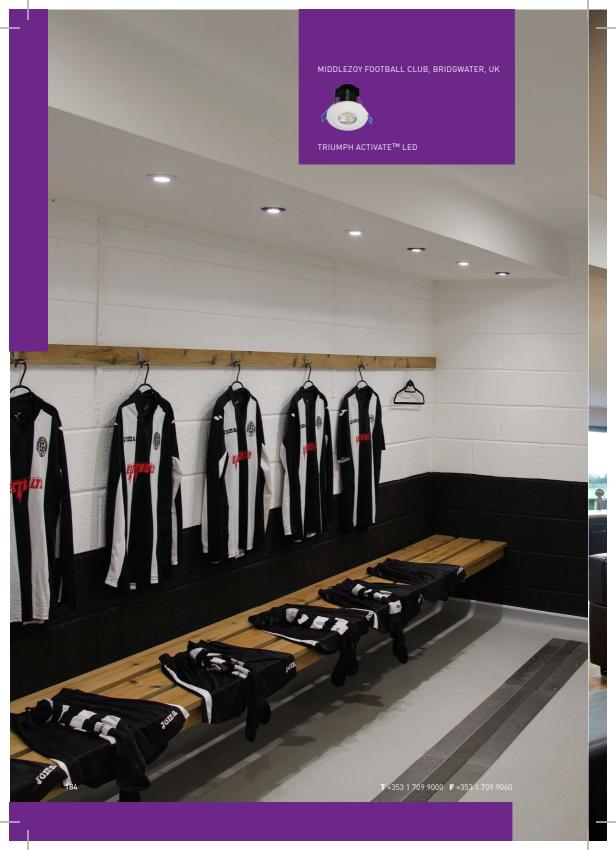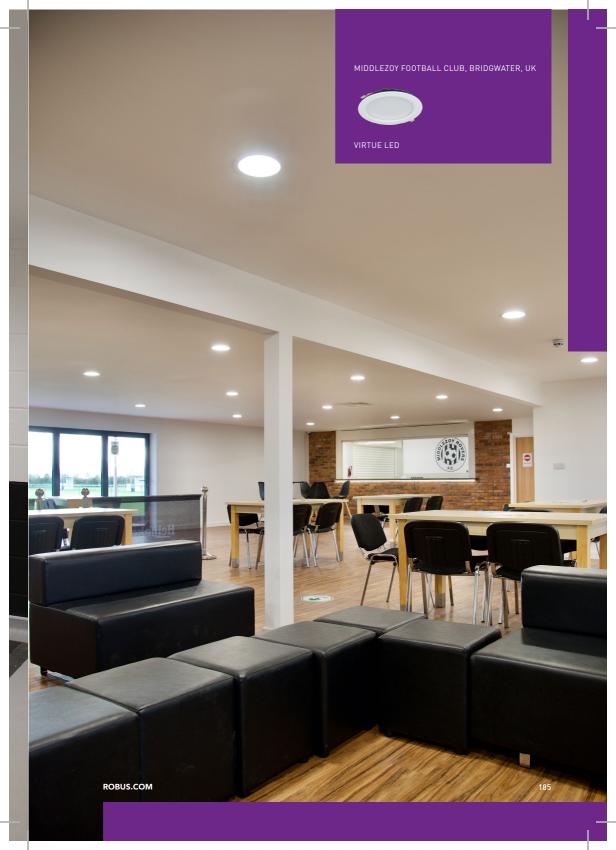
DOWNLIGHTS
VIRTUE LED DOWNLIGHT

Standard	RVR1040-01	RVR1840-01	RVR2440-01
3 Step Dim & Emergency			RVR2440-013SDE
Comparable to:	18W PL fluorescent	2x18W PL	2x26W PL
Total Power (W):	9.5	18.0	23.7
Total Light Output (lm):	1,030	2,270	2,990
Efficacy (lm/W):	108	126	126
Lux at 1m (lx):	390	920	1,200
CRI:	80	80	80
CCT (K):	4000	4000	4000
Power Factor (PF):	0.9	0.95	0.95
Weight (kg):	0.3	0.6	0.6
Carton Qty:	20	10	10

SEAI approved
Triple E registered

TRIUMPH ACTIVATE™ LED

MIDDLEZOY FOOTBALL CLUB, BRIDGWATER, UK

VIRTUE LED

DOWNLIGHTS
SUN CIRCULAR LED PANEL

| 6W | 9W | 12W | 18W | 24W |

L I N X

CONSTRUCTION:

- White Polycarbonate Housing
- Opal Polystyrene diffuser
- Spring steel mounting springs
- Pressed steel mounting bracket

FEATURES:

- Range of 5 Wattages & diameters
- Emergency, DALI or Analogue dimmable available
- Provides functional dimming or Daylight Harvesting energy saving
- White chamfered trim
- Clean looking with virtually no projection below the ceiling
- The light appears to be emitted direct from the ceiling surface
- Slim profile body
- Fits within the thickness of the ceiling
- Ideal for shallow voids or where there are numerous other services

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 82–117 LmW LUMENS PER W | IK 08 IK RATING | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 110° BEAM ANGLE | 3000K 4000K CCT | SAFETY CLASS |

DIMENSIONS (mm)
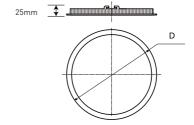
	Diameter	Cut-out	Depth
R120LEDC30N-01	120	110	25
R120LEDC40N-01	120	110	25
R150LEDC30N-01	145	135	25
R150LEDC40N-01	145	135	25
R170LEDC40N-01	170	160	25
R225LEDC30N-01	225	210	25
R225LEDC40N-01	225	210	25
R300LEDC40N-01	300	285	25

ACCESSORIES

R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 battery, c/w Swift Connector
HED6045/D2	Dali switch dim, 45W LED current select-able driver w/ 30cm cable +DC connector
R24DIM-PSU	24W dimmable driver for R300LED
RLA400DT	LOADPRO 150W LED Dimmer

25mm

D

Scan here for more product information

DOWNLIGHTS
SUN CIRCULAR LED PANEL

	R120LEDC30N-01	R150LEDC30N-01		R225LEDC30N-01	
3000K	R120LEDC30N-01	R150LEDC30N-01		R225LEDC30N-01	
3000K Emergency			R170LEDC30-01E		
4000K	R120LEDC40N-01	R150LEDC40N-01	R170LEDC40N-01	R225LEDC40N-01	R300LEDC40N-01
4000K Analogue Dim		R150LEDC40N-01AD			
4000K Emergency		R150LEDC40N-01E	R170LEDC40-01E	R225LEDC40N-01E	R300LEDC40-01E
Comparable to (PL):	13W PL	18W PL	24W PL	2x18W PL	2x26W PL
Total Power (W):	6.2/6.0	9.5/9.3	11.2	19.9/19.6	23.6
Total Light Output (lm):	510/500	910/930	1,120	1,940/2,120	2,760
Efficacy (lm/cctW):	82/83	97/101	100	98/108	117
Lux at 1m (lux):	180/180	320/330	390	710/780	1,010
CCT (K):	3000/4000	3000/4000	4000	3000/4000	4000
CRI:	80	80	80	80	80
Power Factor (PF):	0.5	0.5	0.9	0.95	0.95
Weight (kg):	0.2	0.28	0.32	0.55	0.7
Carton Qty:	50	40	30	20	10
SEAI approved Triple E registered	F A↑G	F A↑G E A↑G	E A↑G	E A↑G	E A↑G

CONVERSIONS AVAILABLE

E STE DAE SEN SENE SENSTE SENDAE 3SD 3SDE
3SDSTE 3SDDAE DD DDE DDSTE DDAE SWD SWDE
SWDSTE SWDAE AD ADE ADSTE ADDAE

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DOWNLIGHTS
GRANADA UGR≤19 LED

10W **15W** **20W** **28W**

L I N X

CONSTRUCTION:

- White powder coated aluminium reflector
- Polycarbonate diffuser with silver finish reflector
- Steel spring clips

FEATURES:

- Very low glare with UGR <19 (20W & 28W) or UGR<22 (10W & 15W)
- Complete with total length of 0.83m of flex and SWIFT 4 pin male/female plug & play connector with large terminals & integrated cable restraint. Fast, simple & efficient installability
- Wide ambient temperature range of -20°C to +40°C

5 YRS	**50,000 HRS**	**93–101 LmW**	**IP 20**	**OP 220 240**	**50°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)
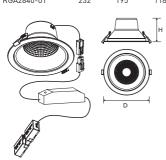
	Diameter	Cut-out	Depth
RGA1040-01	113	90-102	68
RGA1540-01	145	120-130	82
RGA2040-01	174	145	90
RGA2840-01	232	195	118

ACCESSORIES

R3EMPK4-PSU	Plug & play emergency pack with LifePo4 Battery
HED6045/D2	Dali switch dim, 45W LED current select-able driver w/ 30cm cable +DC connector
RLA400DT	LOADPRO 150W LED Dimmer

CONVERSIONS AVAILABLE

E · STE · DAE · SEN · SENE · SENSTE · SENDAE · 3SD · 3SDE
3SDSTE · 3SDDAE · DD · DDE · DDSTE · DDAE · SWD · SWDE
SWDSTE · SWDAE · AD · ADE · ADSTE · ADDAE

Scan here for more product information

DOWNLIGHTS
GRANADA UGR≤19 LED

	RGA1040-01	RGA1540-01	RGA2040-01	RGA2840-01
Standard	RGA1040-01	RGA1540-01	RGA2040-01	RGA2840-01
Emergency			RGA2040-01E	RGA2840-01E
Comparable to:	1x18W PL	1x26W P	2x18W PL	2x26W PL
Total Power (W):	10.5	13.7	20.0	28.4
Total light output (lm):	1,030	1,380	1,850	2,740
Efficacy (lm/cctW):	98	101	93	96
Lux at 1m (lux):	1,300	1,580	2,580	3,570
CCT (K)	4000	4000	4000	4000
CRI:	80	80	80	80
Power Factor (PF):	0.9	0.9	0.95	0.95
Weight (kg)	0.25	0.3	0.35	0.5
Carton Qty:	40	30	30	12
SEAI approved **Triple E registered**	E A↑G	E A↑G	E A↑G	E A↑G

ROBUS.COM

DOWNLIGHTS
DEXTER LED

6W

CONSTRUCTION:

- White polycarbonate trim
- Polycarbonate optic and reflector
- Steel fixing clips

FEATURES:

- Warm or neutral white CCT for task based or more relaxing environments
- 60° tilt to highlight wall mounted or floor standing goods
- Compared to 50W mains voltage Halogen
  - One for one with greater light output for higher lux levels
  - Almost 90% power consumption for lower electricity bills
  - No lamp changes and colour temperature drift over life

2 YRS	**30,000 HRS**	**79–85 LmW**	**IP 20**	**OP 220 240**	**38°**	**3000K 4000K**			**60°**
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	DIMMABLE	SAFETY CLASS	TILT ANGLE
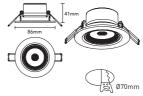
	RDE6P030D-01	RDE6P040D-01
	3000K Dimmable	4000K Dimmable
Comparable to:	50W halogen	50W halogen
Total Power (W):	5.3	5.4
Total Light Output (lm):	420	460
Efficacy (lm / cctW):	79	85
Lux at 1m (lx):	600	630
CCT (K):	3000	4000
CRI:	80	80
Power Factor (PF):	0.8	0.8
Weight (kg):	0.11	0.11
Carton Qty:	48	48

SEAI approved
Triple E registered

F A-G   F A-G

Scan here for more product information

DIMENSIONS (mm)

	Diameter	Cut-out	Depth	Proj
RDE6P030D-01	86	70	41	3
RDE6P040D-01	86	70	41	3

41mm
86mm
Ø70mm

ACCESSORIES

RDETRIM-13	Brushed Chrome Trim
RDETRIM-15	Satin Silver
RLA400DT	LOADPRO 150W LED Dimmer

CONVERSIONS AVAILABLE

SEN

DOWNLIGHT
ZAK MAINS VOLTAGE

50W | ROBUS connect

CONSTRUCTION:

• Die cast aluminium body
• Twist lock bezel
• C/w stainless steel spring clips
• Compatible with dichroic and aluminium halogen lamp types

FEATURES:

• Low voltage recessed straight downlight
• Pressed steel body
• C/w stainless steel bracket, terminal block and high quality ceramic GU10 lamp holder
• C/w stainless steel spring clips
• Compatible with dichroic and aluminium halogen lamp types

2 YRS WARRANTY	LAMP EXCLUDED	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS

	Straight	Directional
White	**R201SCN-01**	**R208SCN-01**
Chrome	**R201SCN-03**	**R208SCN-03**
Brushed Chrome	**R201SCN-13**	**R208SCN-13**
Total Power (W):	50	50
Cap Type:	GU10	GU10
Weight (kg):	0.1	0.13
Carton Qty:	50	50

SEAI Approved

White   B. Chrome   Chrome

Scan here for more product information
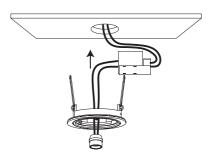
DIMENSIONS (mm)	Diameter	Depth	Cut-out
R201SCN-01/03/13	80	95	70
R208SCN-01/03/13	93	95	82

DOWNLIGHTS
SALLY MAINS VOLTAGE

50W ROBUS connect

FEATURES:

- Spring loaded lamp holder for ease of lamp change
- C/w bracket, terminal block & GU10 lamp holder
- Enclosed recessed GZ fitting with integral air cooling slots

2 YRS	**excl.**	**IP 20**	**OP 220 240**		
WARRANTY	LAMP EXCLUDED	IP RATING	OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS

	Straight	Directional
White	**RS201E-01**	**RS208E-01**
Brass	**RS201E-02**	**RS208E-02**
Chrome	**RS201E-03**	**RS208E-03**
Brushed chrome	**RS201E-13**	**RS208E-13**
Total Power (W):	50	50
Cap Type:	GU10	GU10
Weight (kg):	0.19	0.19
Carton Qty:	50	50

SEAI Approved

DIMENSIONS (mm)	Diameter	Heigth	Depth	Cut-out
RS201E-01/02/03/13	80	107	82	65
RS208E-01/02/03/13	99	107	85	75

H
RS201E 107mm
RS208E 107mm

D
RS201E 80mm
RS208E 99mm
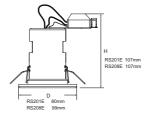
White   Brass   B. Chrome   Chrome

Scan here for more product information

DOWNLIGHTS
RIDA MAINS VOLTAGE

50W ROBUS connect

FEATURES:

- Low voltage recessed straight downlight
- Pressed steel body
- C/w stainless steel bracket, terminal block and high quality ceramic GU10 lamp holder
- C/w stainless steel spring clips
- Compatible with dichroic and aluminium halogen lamp types

2 YRS WARRANTY	**excl.** LAMP EXCLUDED	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS
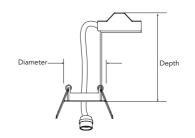
	Straight	Directional
White	**R201PS-01**	**R208PS-01**
Chrome	**R201PS-03**	**R208PS-03**
Brushed chrome	**R201PS-13**	**R208PS-13**
Total Power (W):	50	50
Cap Type:	GU10	GU10
Weight (kg):	0.10	0.19
Carton Qty:	100	50

SEAI Approved

DIMENSIONS (mm)	Diameter	Cut-out	Depth
R201PS-01/03/13	80	60	90
R208PS-01/03/13	105	85	90
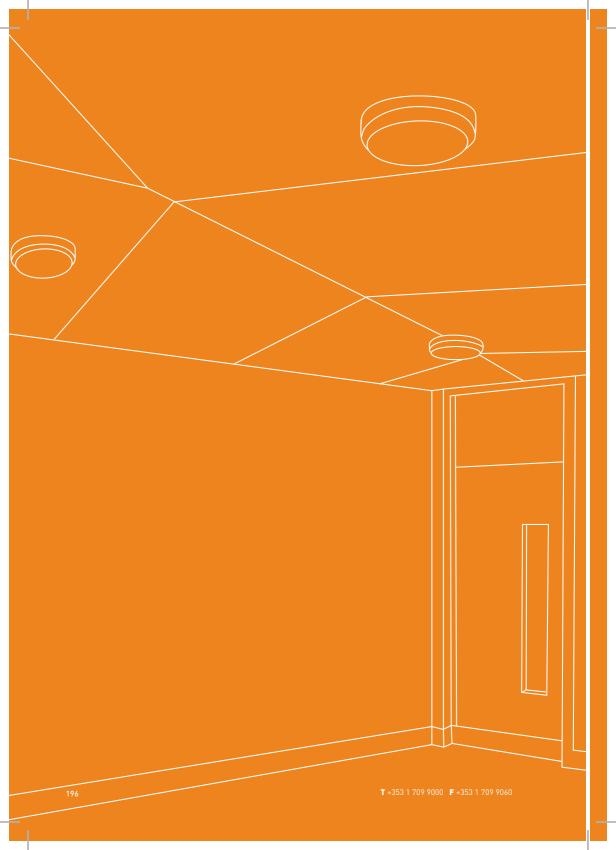
Diameter — Depth

White   B. Chrome   Chrome

Scan here for more product information

SURFACE FITTINGS

SURFACE FITTINGS
GOLF LED

7.5W **10W** **15W**

CONSTRUCTION:

• High impact resistance polycarbonate body
• High efficiency polycarbonate pro-diffuser

FEATURES:

• >50% energy savings compared to fluorescent
• Utilises high quality, long life SMD technology
• Sensor version rated at 150W so can switch
  a total of 14x10W or 9x15W fittings. Ideal for
  corridor and stairway applications
• High efficiency Pro-diffuser allows maximum
  light transmission, provides low glare,
  creates even light distribution – no hot spots
• Wide operating ambient temperature range of
  –20°C to +35°C
• Suitable for switching by external PIR,
  Microwave or Photocell

5 YRS	**50,000 HRS**	**82–91 LmW**	**IK 09**	**IP 65**	**OP 220 240**	**110°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
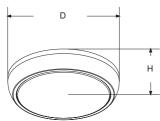
DIMENSIONS(mm)	Diameter	Height
7.5W	272	90
10W	330	118
15W	330	118

ACCESSORIES

R162TRIM-03	Chrome Trim for 7.5W
R282TRIM-03	Chrome Trim for 10W & 15W

Scan here for
more product
information

SURFACE FITTINGS
GOLF LED

	7.5W	10W	15W
Standard	**R075LED-01**	**R100LED-01**	**R150LED-01**
Emergency	**R075LEDE-01**	**R100LEDE-01**	**R150LEDE-01**
Microwave Sensor	**R075LEDS-01**	**R100LEDS-01**	**R150LEDS-01**
Emergency & Sensor		**R100LEDES-01**	**R150LEDES-01**
3 Step Dimming		**R100LED-013SD**	**R150LED3SD-01**
Emergency & 3 Step Dimming		**R100LEDE-013SD**	**R150LEDE-013SD**
240V Mains Dimming		**R100LED-01MD**	
Comparable to:	16W 2D	28W 2D	38W 2D
Total Power (W):	7	10.6	14.6
Total Light Output (lm):	640 standard 180 emergency	860 standard 180 emergency	1,250 standard 180 emergency
Efficacy (lm/cctW):	91	82	86
Lux at 1m (lux):	210 standard 60 emergency	270 standard 60 emergency	410 standard 60 emergency
CCT (K):	4000	4000	4000
CRI:	80	80	80
Power Factor (PF):	0.9	0.9	0.9
Weight (kg):	0.9 standard 1.2 emergency	1.4 standard 1.8 emergency	1.4 standard 1.8 emergency
Carton Qty:	6	6	6

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

STE DAE SENE SENSTE SENDAE 3SD 3SDE 3SDSTE
3SDDAE MD MDE MDAE MDSTE DDSTE DDAE DD
DDE SWD SWDDAE SWDSTE SWDE ADSTE ADE
ADDAE AD PCELL PCELLSTE

SURFACE FITTINGS
GOLF LED CCT3 SELECTABLE

10W **15W** **CCT3** **STOCK SAVER**

CONSTRUCTION:

• Polycarbonate Body & Trim
• Polycarbonate Opal diffuser

FEATURES:

• High efficiency Pro-diffuser allows maximum light transmission, provides low glare, creates even light distribution – no hot spots
• Utilises high quality SMD LED's which provide low power consumption, high efficacy and long rated LED life
• Sensor version rated at 150W so can switch a total of 14x10W or 9x15W fittings so is ideal for corridor and stairway applications
• Wide operating ambient temperature range of -20°C to +35°C
• Can be switched by microwave, external PIR and/or photocell

5 YRS	**50,000 HRS**	**76–93 LmW**	**IK 09**	**IP 65**	**OP 220 240**	**110°**	**CCT3**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)
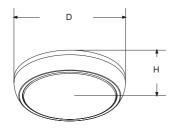
	Diameter	Height
10W	330	118
15W	330	118

ACCESSORIES

R282TRIM-03	Chrome Trim for 10W & 15W

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Scan here for more product information

SURFACE FITTINGS
GOLF LED CCT3 SELECTABLE

	10W	15W
Standard	**R100LEDCCT3-01**	**R150LEDCCT3-01**
Emergency		**R150LEDCCT3E-01**
Microwave Sensor	**R100LEDCCT3S-01**	**R150LEDCCT3S-01**
Comparable to 2D Fluorescent (W):	28W 2D	38W 2D
Total Power (W):	11.0/ 10.8/ 11.0	15.8 / 15.2 / 16
Total Light Output (lm):	840 / 990 / 950 standard	1,240 / 1,420 / 1,360 standard 180 emergency
Efficacy (lm / cctW):	76 / 92 / 86	78 / 93 / 85
Illuminance at 1m (lx):	270 / 310 / 300 standard	390 / 450 / 430 standard 60 emergency
CCT (K):	3000 / 4000 / 6500	3000 / 4000 / 6500
CRI (Ra):	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	1.23 standard	1.23 standard 1.63 emergency
Carton Qty:	6	6

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

STE DAE ECBU SEN SENE SENSTE SENDAE 3SD

3SDE 3SDSTE 3SDDAE MD MDE MDAE MDSTE

DDSTE DDAE DD DDE SWD SWDDAE SWDSTE

SWDE ADSTE ADE ADDAE AD PCELL PCELLSTE

SURFACE FITTINGS
GOLF MODULAR LED CCT3 SELECTABLE

10W   **10W/15W**   **STOCK SAVER**   **NEW!**

CONSTRUCTION:
- High impact resistant polycarbonate Body & Trim
- Polycarbonate Opal diffuser

FEATURES:
- Uniquely modular fitting which allows the addition of both a Plug In Emergency Pack (RM1WEMPK-PSU) and Plug In MW Sensor (RMMWS-01) to a standard fitting
- CCT selectable fitting with CCT switch on driver allows selection between 3000K, 4000K and 6500K
- High efficiency Pro-diffuser allows maximum light transmission, provides low glare, creates even light distribution
- Chrome trim available (R282TRIM-03)
- Wide operating ambient temperature range of -20°C to +35°C
- Suitable for switching by PIR, Microwave or Photocell

5 YRS WARRANTY	**50,000 HRS** RATED HOURS	**78–101 LmW** LUMENS PER W	**IK 09** IK RATING	**IP 65** IP RATING	**OP 220 240** OPERATING VOLTAGE	**140°** BEAM ANGLE	**3000K 4000K 6500K** CCT	DIMMABLE	SAFETY CLASS

DIMENSIONS (mm)

	Diameter	Height
RM100LEDCCT3-01	330	118
RM150LEDCCT3-01	330	118

ACCESSORIES

RMMWS-01	GOLF MODULAR, Microwave Sensor
RM1WEMPK-PSU	GOLF MODULAR 1W, 3 Hour Plug In Emergency Pack with LifePO4
R282TRIM-03	Chrome Trim

Microwave Sensor

Emergency Pack

SURFACE FITTINGS
GOLF MODULAR LED
CCT3 SELECTABLE

	10W	10W/15W Dual Wattage
	RM100LEDCCT3-01	**RM150LEDCCT3-01**
Comparable to (W):	28W 2D	28/38W 2D
Total Power (W):	10.3/10.0/10.3	9.5/.9.2/9.5/14.5/13.9/14.4
Total Light Output (lm):	890/970/910	850/920/880/1130/1280/1180
Efficacy (lm / cctW):	87/97/89	90/101/94/78/92/82
Illuminance at 1m (lx):	290/320/300	280/300/290/370/420/380
CCT (K):	3000/4000/6500	3000/4000/6500
CRI (Ra):	80	80
Power Factor (PF):	0.85	0.85
Weight (kg):	1.28	1.28
Carton Qty:	6	6

Standard Version

Emergency Version

Microwave Sensor Version

Microwave Sensor & Emergency Version

Front of Standard & Emergency Version

Front of Microwave Sensor & Microwave Sensor & Emergency Version

SURFACE FITTINGS
GOLF SLIM LED
CCT3 SELECTABLE

10W **15W** **CCT3** **STOCK SAVER**

CONSTRUCTION:

• Polycarbonate Body, Trim & Opal diffuser

FEATURES:

• Slim profile with a height of only 90mm
• Colour temperature can be selected on completion to suit application
• Sensor version rated at 150W so can switch on a total of 14x10W or 9x15W fittings
• Microwave sensor details:
  Detection range: 5m
  Adjustable time delay: 5s, 30s, 90s, 3min, 20min, 30min
  Adjustable lux settings: 2lux, 10lux, 30lux, 50lux, Disable
  Mounting height: 2.5-6m
• Provides 3 hour emergency discharge duration
• Suitable for switching by PIR, Microwave or Photocell

5 YRS WARRANTY	**50,000 HRS** RATED HOURS	**82–94 LmW** LUMENS PER W	**IK 09** IK RATING	**IP 65** IP RATING	**OP 220 240** OPERATING VOLTAGE	**115°** BEAM ANGLE	**CCT3** CCT	SAFETY CLASS

DIMENSIONS(mm)

	Diameter	Height
10W	330	90
15W	330	90

330mm

90mm

Scan here for more product information

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SURFACE FITTINGS
GOLF SLIM LED
CCT3 SELECTABLE

	10W	15W
Standard	**RS100LEDCCT3-01**	**RS150LEDCCT3-01**
Emergency	**RS100LEDCCT3E-01**	**RS150LEDCCT3E-01**
Microwave Sensor	**RS100LEDCCT3S-01**	**RS150LECCT3-01SEN**
Emergency & Sensor	**RS100LEDCCT3ES-01**	**RS150LEDCCT3E-01SEN**
Comparable to:	28W 2D	38W 2D
Total Power (W):	9.9/9.8/10.0	14.7/14.3/14.7
Total Light Output (lm):	830/910/900	1200/1340/1310
Emergency Light Output (lm):	130/140/140	140/150/150
Efficacy (lm/cctW):	84/94/91	82/94/89
Lux at 1m (lux):	260/290/290	380/420/410
Emergency Lux at 1m (lux):	40/40/40	40/50/50
CCT (K):	3000/4000/6500	3000/4000/6500
CRI:	85	85
Power Factor (PF):	0.9	0.9
Weight (kg):	0.87 standard 0.93 sensor 1.09 emergency 1.12 emergency sensor	0.87 standard 0.93 sensor 1.09 emergency 1.12 emergency sensor
Carton Qty:	6	6

SEAI approved
Triple E registered

CONVERSIONS AVAILABLE

(E) (SEN)

THOMAS DEACON ACADEMY, PETERBOROUGH, UK

EAGLE LED

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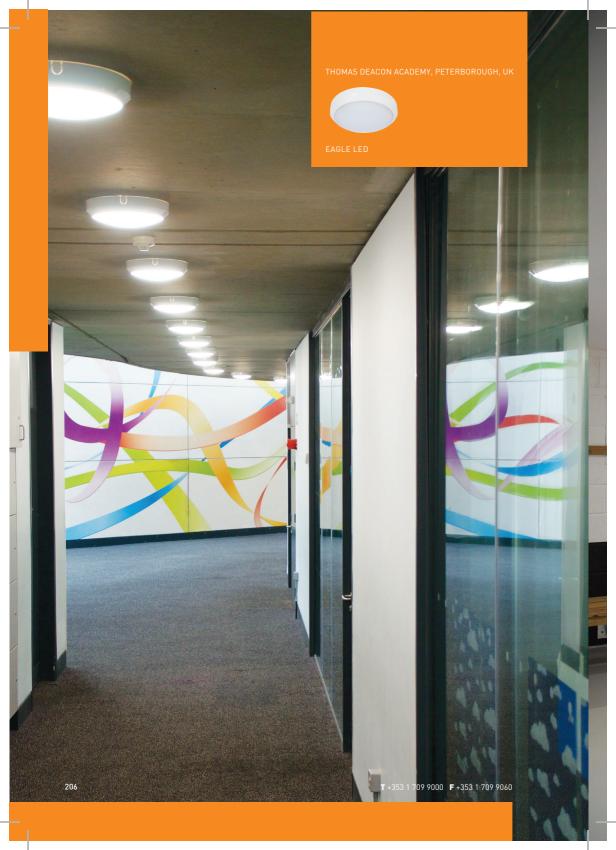
SURFACE FITTINGS
GOLF LED RETROFIT TRAY

10W

FEATURES:
- Universal Retrofit LED tray, will fit many existing 2D fittings
- Reduced initial cost as only the gear tray of the standard 2D fittings is replaced with low energy LED
- Actual photometric performance dependent on fitting and diffuser into which plate is installed
- R100LEDRETE provides 3 hour emergency duration. 220 lumens in emergency mode, 21% of maintained output

5 YRS WARRANTY	**50,000 HRS** RATED HOURS	**105 LmW** LUMENS PER W	**OP 220 240** OPERATING VOLTAGE	**120°** BEAM ANGLE	**4000K** CCT	SAFETY CLASS

Standard	**R100LEDRET**
Emergency	**R100LEDRETE**
Emergency Sensor	**R100LEDRETESEN**
Emergency & 3 Step Dimming	**R100LEDRETE3SD**
Sensor	**R100LEDRETSEN**
Comparable to:	28W 2D
Total Power (W):	10
Total Light Output (lm):	1,050 / 220 emergency
Efficacy (lm/cctW):	105
Lux at 1m (lux):	300 / 50 emergency
CCT (K):	4000
CRI (Ra):	80
Power Factor (PF):	0.9
Weight (kg):	0.7 standard
	0.85 emergency
Carton Qty:	10

SEAI Approved

Scan here for more product information

DIMENSIONS(mm)

	Diameter	Depth
R100LEDRET/E/ESEN	254	35

254mm

CONVERSIONS AVAILABLE

STE · DAE · ECBU · SEN · SENE · SENSTE · SENDAE · 3SD
3SDE · 3SDSTE · 3SDDAE · MD · MDE · MDAE · MDSTE
DDSTE · DDAE · DD · DDE · SWD · SWDDAE · SWDSTE
SWDE · ADSTE · ADE · ADDAE · AD · PCELL · PCELLSTE

* Lumen outputs quoted are those for the retro-fit tray itself. Actual lumen outputs will depend on the design and type of fitting it is installed in.

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SURFACE FITTINGS
LUNATE 4 WATTAGE SELECTABLE & CCT3 SELECTABLE

11W / 16W / 20W / 23W **CCT3** **STOCK SAVER** **NEW!**

CONSTRUCTION:

- Pressed steel, powder coated base
- Polycarbonate opal diffuser
- Quad power Osram driver
- Aluminium LED plate

FEATURES:

- Modular design allowing plug and play conversion into emergency, microwave sensor and emergency + sensor versions
- High quality driver with a switch allowing selection power between 11W, 16W 20W and 23W
- CCT selection switch on the LED plate allowing selection between 3000K, 4000K and 6500K
- Very high efficacy exceeding 120lm/W providing over 50% energy savings over fluorescent counterparts
- Suitable for ceiling and wall mounting

| 5 YRS WARRANTY | 50,000 HRS RATED HOURS | 122–133 LmW LUMENS PER W | IK 06 IK RATING | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 110° BEAM ANGLE | CCT3 CCT | SAFETY CLASS |

	RLT4CCT3-01
Total Power (W):	11/16/20/23
Total Light Output (lm):	11W : 1410/ 1440/ 1440
	16W : 2030/ 2060/ 2050
	20W : 2560/ 2640/ 2590
	23W : 2780/ 2860/ 2830
Efficacy (lm/cctW):	11W : 128/ 130/ 130
	16W : 126/ 128/ 128
	20W : 128/ 132/ 129
	23W : 120/ 124/ 123
Lux at 1m (lux):	830
CCT (K):	3000/4000/6500
CRI (Ra):	82/85/82
Power Factor (PF):	0.94/0.97/0.98
Weight (Kg):	2.1
Carton Qty:	5

DIMENSIONS (mm)

	Diameter	Depth
RLT4CCT3-01	431	108

ACCESSORIES

R16EMPK-PSU	1.6W Plug In Emergency Pack with LifePO4 battery
RLT4CCT3S-01	Plug in Microwave Sensor

CONVERSIONS AVAILABLE

STE DAE SENSTE SENDAE 3SD 3SDE 3SDSTE
3SDDAE MD MDE MDAE MDSTE DDSTE DDAE
DD DDE SWD SWDDAE SWDSTE SWDE
ADSTE ADE ADDAE AD

SURFACE FITTINGS
ORB CCT3
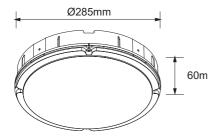
[14W] [CCT3] [STOCK SAVER]

CONSTRUCTION:

- High impact resistant polycarbonate housing providing an Impact Rating of IK10
- Hinged gear tray

FEATURES:

- Optional trim accessories available - plain and eyelid in white, black and grey
- Colour temperature selectable between 3000K, 4000K and 6500K
- Slim profile with a height of only 60mm
- Sensor's maximum LED load of 90W allows control of up to 5 fittings
- Emergency version has a LiFePO4 battery
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell

5 YRS	2 YRS	50,000 HRS	89–101 LmW	IK 10	IP 65	OP 220 240	110°	CCT3	
WARRANTY	EMERGENCY BATTERY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)	Diameter	Height
RRB14CCT3-01	285	60
RRB14CCT3E-01	285	60
RRB14CCT3S-01	285	60

ACCESSORIES

RRBTRIMP-01	ORB LED Surface Mount Trim Plain White
RRBTRIMP-04	ORB LED Surface Mount Trim Plain Black
RRBTRIMP-24	ORB LED Surface Mount Trim Plain Grey
RRBTRIMEY-01	ORB LED Surface Mount Trim Eyelid White
RRBTRIMEY-04	ORB LED Surface Mount Trim Eyelid Black
RRBTRIMEY-24	ORB LED Surface Mount Trim Eyelid Grey
RRBSCREW	ORB Anti Tamper Screws

Ø285mm

60m

Scan here for more product information

Hinged Gear Tray

Standard	**RRB14CCT3-01**
Emergency	**RRB14CCT3E-01**
Microwave Sensor	**RRB14CCT3S-01**
Emergency Microwave Sensor	**RRB14CCT3E-01SEN**
Comparable to (W):	38W 2D
Total Power (W):	13.9/13.3/13.6
Total Light Output (lm):	1,230/1,340/1,270
Efficacy (lm/cctW):	89/101/94
Lux at 1m (lux):	420/460/430
Beam Angle (deg):	110
CCT (K):	3000/4000/6500
CRI (Ra):	80
Power Factor (PF):	0.9
Weight (Kg):	0.97
Carton Qty:	8

Triple E registered

CONVERSIONS AVAILABLE

SEN

Optional trims

SURFACE FITTINGS
HAWK LED

10W **14W** **25/35W** **STOCK SAVER** LINX

CONSTRUCTION:
- Polycarbonate body, trim and opal diffuser with impact rating of IK10
- Aluminum, hinged gear tray
- High quality, long life SMD LED's
- Stainless steel TORX T20 screws

FEATURES:
- Available in standard and emergency versions. Integral sensor, dual or 3 step light level control and DALI or Analogue dimming for Daylight Harvesting options are available
- A high security, anti-tamper companion to the EAGLE range
- Wide operating ambient temperature range of -20°C to +35°C
- Complies with requirements of the ECA. Enhanced Capital Allowances may be claimed on the cost of the luminaires, installation and transport to site

5 YRS WARRANTY	50,000 HRS RATED HOURS	109–117 LmW LUMENS PER W	IK 10 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	3000K 4000K CCT	SAFETY CLASS

DIMENSIONS (mm)

	Diameter	Height
10W	330	91
14W	330	91
25/35W	420	91

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Scan here for more product information

ACCESSORIES

RHKMTRIM-04	Black Trim
RHKMTRIM-24	Grey Trim
RHKMEY-01	White Eyelid Trim
RHKMEY-04	Black Eyelid Trim
RHKMEY-24	Grey Eyelid Trim
RHKMCD-04	Black Cross Grid Trim
RHKMCD-24	Grey Cross Grid Trim
RHKMCOLL-01	Medium Extension Collar, White

*Accessories are only for 330mm diameter versions

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SURFACE FITTINGS
HAWK LED

	10W	14W	14W	25/35W
Standard	**RHKM01040-01**		**RHKM01540-01**	**RHKLDP40-01**
Emergency	**RHKM01040E-01**	**RHKM01530-04E**	**RHKM01540E-01**	**RHKLDP40-01E**
Microwave Sensor	**RHKM01040-01SEN**		**RHKM01540-01SEN**	
Emergency Sensor	**RHKM01040E-01SEN**		**RHKM01540E-01SEN**	**RHKLDP40E-01SEN**
3 Step Dim			**RHKM01540-013SD**	
3 Step Dim & Self Test Emergency			**RHKM01540-013SDSTE**	**RHKLDP40-01STE**
Sensor & Self Test Emergency			**RHKM01540-01SENSTE**	
Emergency & 3 Step Dim Driver			**RHKM01540E-013SD**	
Emergency & Eyelid & Photocell			**RHKM01540E-01EYEPC**	
Emergency & Photocell & Eyelid (Grey)			**RHKM01540E-24EYEPCELL**	
Comparable to:	28W PL	38W PL	38W PL	55/2X38W PL
Total Power (W):	9.6	12.7	12.7	21.4/34.4
Total Light Output (lm):	1,050 standard 120 emergency	1,400 emergency	1,400 standard 160 emergency	2340/4020 standard 250/310 emergency
Efficacy (lm / cctW):	109	110	110	109/117
Illuminance at 1m (lx):	340 standard 50 emergency	450 emergency	450 standard 80 emergency	780/1330 standard 85/100 emergency
CCT (K):	4000	3000	4000	4000
CRI (Ra):	80	80	80	80
Power Factor (PF):	0.95	0.95	0.95	0.97
Weight (kg):	1.28 standard 1.54 emergency	1.28 emergency	1.28 standard 1.54 emergency	1.56 standard 1.82 emergency
Carton Qty:	6	6	6	6

SEAI approved
Triple E registered
ECA eligible

CONVERSIONS AVAILABLE

E STE DAE ECBU SEN SENE SENSTE SENDAE 3SD
3SDE 3SDSTE 3SDDAE MD MDE MDAE MDSTE DDSTE
DDAE DD DDE SWD SWDDAE SWDSTE SWDE
ADSTE ADE ADDAE AD PCELL PCELLSTE

∴hawk

SURFACE FITTINGS
EAGLE LED

7W **10W** **14W** **24W**

L I N X

CONSTRUCTION:

- Polycarbonate body, trim and opal diffuser with impact rating of IK10
- Aluminum, hinged gear tray
- High quality, long life SMD LED's

FEATURES:

- Common aesthetic across the EAGLE range allows mix and match of fittings in the building of different lumen packages and physical size
- For fast and simple installation, the fitting has:
  - Twist & lock trim for easy gear tray access
  - Clip and detach hinged tray accesses termination area
  - Swift inside 4 pole loop in/out connector
  - Single gear tray to base locking screw
  - Available to complement Standard & Emergency versions are, Dual Power, 3 Step Corridor function, DALI & Analogue dimming

5 YRS	50,000 HRS	102–110 LmW	IK 10	IP 65	OP 220 240	110°	4000K	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS(mm)	Diameter	Height
7W	272	91
10W	330	91
14W	330	91
24W	420	91

ACCESSORIES

REESTRIM-03	7W Chrome Trim
REESTRIM-13	7W Brushed Chrome Trim
REEMTRIM-13	10W/14W Brushed Chrome Trim
REETRIM-03	24W Chrome Trim
REETRIM-13	24W Brushed Chrome Trim

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Scan here for more product information

SURFACE FITTINGS
EAGLE LED

	7W	10W	14W	24W
Standard	**REES7P040-01**	**REEM01040-01**	**REEM01540-01**	**REEL02440-01**
Emergency		**REEM01040-01E**	**REEM01540E-01**	**REEL02440E-01**
Microwave Sensor		**REEM01040-01SEN**	**REEM01540-01SEN**	**REEL02440-01SEN**
Emergency Sensor		**REEM01040E-01SEN**	**REEM01540E-01SEN**	**REEL02440E-01SEN**
Emergency & 3 Step Dimming		**REEM01040E-013SD**	**REEM01540E-013SD**	**REEL02440E-013SD**
3 Step Dim			**REEM01540-013SD**	**REEL02440-013SD**
Sensor & Emergency				**REEL02440-01SENE**
Comparable to:	16W 2D	28W 2D	38W 2D	55W 2D
Total Power (W):	6.5	9.6	12.7	21.4
Total Light Output (lm):	660 standard 130 emergency	1,050 standard 120 emergency	1,400 standard 160 emergency	2,340 standard 260 emergency
Efficacy (lm / cctW):	102	109	110	109
Illuminance at 1m (lx):	210 standard 40 emergency	340 standard 40 emergency	450 standard 50 emergency	780 standard 90 emergency
CCT (K):	4000	4000	4000	4000
CRI (Ra):	>80	>80	>80	>80
Power Factor (PF):	0.9	0.9	0.9	0.9
Weight (kg):	0.92 standard 1.10 emergency	1.28 standard 1.54 emergency	1.28 standard 1.54 emergency	2.10 standard 2.45 emergency
Carton Qty:	8	6	6	6

SEAI approved
Triple E registered
ECA eligible

CONVERSIONS AVAILABLE

E · STE · DAE · ECBU · SEN · SENE · SENSTE · SENDAE · 3SD

3SDE · 3SDSTE · 3SDDAE · MD · MDE · MDAE · MDSTE · DDSTE

DDAE · DD · DDE · SWD · SWDDAE · SWDSTE · SWDE

ADSTE · ADE · ADDAE · AD · PCELL · PCELLSTE

∴eagle

SURFACE FITTINGS
COMPACT LED ROUND

10W

CONSTRUCTION:
- High impact (IK08) IP65 rated polycarbonate construction
- Prismatic diffuser

FEATURES:
- High efficiency Pro-diffuser allows maximum light transmission, provides low glare, creates even light distribution
- Utilises high quality long life SMD technology
- High efficacy of 89lm/W
- Wide operating ambient temperature range of -20°C to +35°C
- Suitable for switching by PIR, Microwave or Photocell

3 YRS	**30,000 HRS**	**89 LmW**	**IK 08**	**IP 65**	**OP 220 240**	**110°**	**4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

	10W
Standard	**RC100LEDN-01**
Emergency	**RC100LEDNE-01**
Sensor	**RC100LEDN-01SEN**
Emergency & Sensor	**RC100LEDNE-01SEN**
Comparable to:	28W 2D
Total Power (W):	11.4
Total Light Output (lm):	1020 standard
	150 emergency
Efficacy (lm/cctW):	89
Lux at 1m (lux):	250 standard
	40 emergency
CCT (K):	4000
CRI (Ra):	80
Power Factor (PF):	0.90
Weight (kg):	1 standard
Carton Qty:	8

Scan here for more product information

DIMENSIONS(mm)

	Diameter	Height
RC100LEDN-01	284	87
RC100LEDNE-01	284	87

87 mm

Ø 284mm

CONVERSIONS AVAILABLE

STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE	3SD
3SDE	3SDSTE	3SDDAE	MD	MDE	MDAE	MDSTE	
DDSTE	DDAE	DD	DDE	SWD	SWDDAE	SWDSTE	
SWDE	ADSTE	ADE	ADDAE	AD	PCELL	PCELLSTE	

SURFACE FITTINGS
COMPACT LED SQUARE

10W

CONSTRUCTION:
- High impact (IK08) IP65 rated polycarbonate construction
- Opal diffuser

FEATURES:
- Opal polycarbonate diffuser provides low glare and creates an even light distribution without hotspots
- Cool light colour provides clear visibility with high CRI for security lighting
- Strong and durable protection against vandalism with long service life
- Can be switched by microwave, PIR, Microwave or Photocell

3YRS	30,000 HRS	97 LmW	IK 08	IP 65	OP 220 240	120°	4000K	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

	10W
Standard	**RC100LEDSQ-01**
Emergency	**RC100LEDSQ-01E**
Comparable to:	28W 2D
Total Power (W):	10
Total Light Output (lm):	970 standard
Efficacy (lm/cctW):	97
Lux at 1m (lux):	260 standard
CCT (K):	4000
CRI (Ra):	80
Power Factor (PF):	0.95
Weight (kg):	0.7 standard 0.8 emergency
Carton Qty:	8

DIMENSIONS (mm)	Height	Length	Width
RC100LEDSQ-01	84.5	253	253
RC100LEDSQ-01E	84.5	253	253

253mm · 253mm · 84.5mm

Scan here for more product information

CONVERSIONS AVAILABLE

STE	DAE	ECBU	SEN	SENE	SENSTE	SENDAE	3SD
3SDE	3SDSTE	3SDDAE	MD	MDE	MDAE	MDSTE	
DDSTE	DDAE	DD	DDE	SWD	SWDDAE	SWDSTE	
SWDE	ADSTE	ADE	ADDAE	AD	PCELL	PCELLSTE	

SURFACE FITTINGS
PORTAL LED

18W **STOCK SAVER** **NEW!**

CONSTRUCTION:
- Polycarbonate base and opal diffuser
- Cold rolled steel mounting bracket
- Aluminium LED plate

FEATURES:
- Available in standard, emergency, sensor, and emergency + sensor versions
- Equipped with CCT switch allowing selection between 3000K, 4000K and 6500K
- Easy wiring though the double cable entries with added silicon grommets
- 4-way, twin push-in connector block for easy loop-in/ loop-out accessible via trap door in the base of the fitting
- Slim profile of 90mm height
- Sensor versions: Dip switches located on back of fitting to control: Detection area, hold time, lux setting, stand by time and stand by dimming level

3 YRS	**35,000 HRS**	**88–120 LmW**	**IK 07**	**IP 54**	**OP 220 240**	**120°**	**CCT3**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

	Standard	Sensor	Emergency	Emergency + Sensor
	RPO18CCT3-01	**RPO18CCT3S-01**	**RPO18CCT3E-01**	**RPO18CCT3ES-01**
Comparable to:	2X18W	2X18W	2X18W	2X18W
Total Power (W):	17.2/16.6/17.3	18.1/17.4/18.0	19.5/18.6/19.2	19.5/18.7/19.4
Total Light Output (lm):	1780/1980/1880	1800/2000/1890	1710/1870/1770	1710/1870/1760
Efficacy (lm/cctW):	104/120/109	100/115/105	88/100/92	88/100/91
Lux at 1m (lux):	510/560/540	520/580/540	500/540/510	490/540/500
CCT (K):	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K
CRI (Ra):	80	80	80	80
Power Factor (PF):	0.6	0.6	0.6	0.6
Weight (kg):	0.84	0.97	0.94	0.84
Carton Qty:	5	5	5	5

DIMENSIONS(mm)	Diameter	Height
RPO18CCT3-01	300	59
RPO18CCT3S-01	300	59

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SURFACE FITTINGS
OYSTER LED

24W

CONSTRUCTION:

- Powder coated aluminium
- Twist and lock PMMA opal diffuser
- Aluminium/FR-4 laminate PCB

FEATURES:

- Strong and durable construction provides long service life
- Diffuser allows maximum light output and provides low glare
- Compared to compact fluorescent:
  - Energy savings of over 50% providing paybacks of <12 months
  - No maintenance cost for replacement lamps
- Suitable for use 24/7
- Suitable for external PIR, microwave or photocell switching

3YRS WARRANTY	50,000 HRS RATED HOURS	65 LmW LUMENS PER W	IP 44 IP RATING	OP 220 240 OPERATING VOLTAGE	120° BEAM ANGLE	4000K CCT	SAFETY CLASS
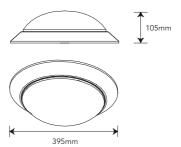
	24W
Standard	**R24WLED40EU-01**
Emergency	**R24WLED40EU-01E**
Sensor	**R24WLED40EU-01SEN**
Sensor & Emergency	**R24WLED40EU-01SENE**
Comparable to:	38W 2D
Total Power (W):	26.2
Total Light Output (lm):	1,710
Efficacy (lm/cctW):	65
Lux at 1m (lux):	400
CCT (K):	4000
CRI (Ra):	80
Power Factor (PF):	0.9
Weight (kg):	0.94
Carton Qty:	6

LIA verified

Scan here for more product information

DIMENSIONS(mm)
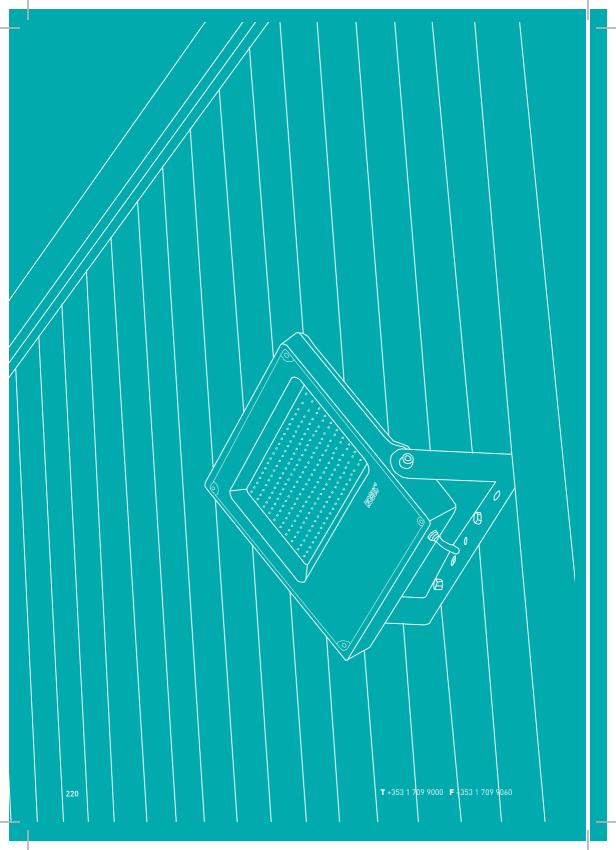
	Diameter	Height
R24WLED40EU-01	395	105

105mm

395mm

CONVERSIONS AVAILABLE

AD	ADE	ADSTE	DAE	DD	DDE	DDSTE	3SD	DP
E	SEN	SENE	SENSTE	SWD	SWDE	SWDSTE	SDSTE	
3SDE	DPE	STE	3SDSTE	DPSTE	DPE	DPSTE	NL	

OUTDOOR

OUTDOOR
REMY LED FLOOD LIGHT

10W **20W** **30W** **50W**

CONSTRUCTION:
- Moulded polycarbonate bezel
- Tempered glass frosted diffuser
- Die cast aluminium body (10W is all polycarbonate)
- Galvanised mounting bracket
- Stainless steel external fixings

FEATURES:
- Pre-drilled, angled mounting bracket for fast and simple installation
- No warm up or cool down period required by LED
- Suitable for switching by external PIR, Microwave or Photocell
- Manual override function on PIR
- 600mm arm accessory for use with 10W, 20W and 30W allows projected illumination for signage and other display purposes

Icon	Label
3 YRS	WARRANTY
30,000 HRS	RATED HOURS
79–100 LmW	LUMENS PER W
IK 07	IK RATING
IP 65	IP RATING
OP 220 240	OPERATING VOLTAGE
100°	BEAM ANGLE
3000K 4000K	CCT
	SAFETY CLASS 10W & 20W
	SAFETY CLASS 30W & 50W

DIMENSIONS (mm)	Width	Length	Depth
RRE1030 / PIR	148/148	150/200	73/90
RRE2030 / PIR	148/148	150/200	73/90
RRE3030 / PIR	173/173	170/233	85/96
RRE5030 / PIR	225/NA	220/NA	85/NA

ACCESSORIES

RMCSPIKE-04	Garden spike attachment
R10FSA-01	LED flood light signage arm, white
R10FSA-04	LED flood light signage arm, black

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REMY LED FLOOD LIGHT

	RRE1030-04	RRE2030-04	RRE3030-04	RRE5030-04
Standard Black 3000K	**RRE1030-04**	**RRE2030-04**	**RRE3030-04**	**RRE5030-04**
4000K	**RRE1040-04**	**RRE2040-04**	**RRE3040-04**	**RRE5040-04**
Standard White 4000K	**RRE1040-01**	**RRE2040-01**	**RRE3040-01**	**RRE5040-01**
PIR Black 3000K	**RRE1030P-04**	**RRE2040P-04**	**RRE3040P-04**	**N/A**
4000K	**RRE1040P-04**			
PIR White 4000K	**RRE1040P-01**	**RRE2040P-01**	**RRE3040P-01**	**N/A**
Comparable to MH (W):	20	35	50	80
Total Power (W):	9.7/9.6	19.7/19.6	28.9/28.7	46.6/46.7
Total Light Output (lm):	800/880	1,550/1,730	2,530/2,750	4,020/4,670
Efficacy (lm/cctW):	82/92	79/90	87/96	86/100
Lux at 1m (lux):	340/370	710/780	1,110/1,200	1,660/1,900
CCT (K):	3000/4000	3000/4000	3000/4000	3000/4000
CRI:	80	80	80	80
Power Factor (PF):	0.95/0.5	0.95/0.5	0.95	0.95
Weight (Kg):	0.49/0.6	0.63/0.7	0.83/0.9	1.1/NA
Carton Qty:	12	12	12	8

SEAI approved
Triple E registered

Time off delay:	10s - 10min
Lux settings:	10 - 2,000 lx
Mounting height range:	2.5 - 4m Max
Detection range:	7 - 10m Max
Detection angle:	120°
IP:	65

MIDDLEZOY FOOTBALL CLUB, BRIDGWATER, UK

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OUTDOOR
HILUME LED FLOOD LIGHT

10W **20W** **30W** **50W** **100W**

CONSTRUCTION:

- Black powder coated die cast aluminium body and polycarbonate bezel
- Tempered glass frosted diffuser
- Galvanised mounting bracket
- Stainless steel external fixings

FEATURES:

- Die cast aluminium housing providing optimal heat dissipation and high resistance to weather conditions
- Complete with stainless steel screws
- Prewired with 1m of rubber flex
- A tempered glass frosted diffuser is used to provide an anti-vandal, low glare uniform light coverage of the area
- Pre-drilled angled mounting bracket with 180° adjustable angle
- Suitable for switching by PIR, Microwave or Photocell

2 YRS WARRANTY	20,000 HRS RATED HOURS	75–93 LmW LUMENS PER W	IK 05 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	100° BEAM ANGLE	3000K 4000K CCT	SAFETY CLASS

DIMENSIONS (mm)

	Length	Width	Depth
RHL1030-04/ RHL1040-04	114	114	62
RHL2030-04/ RHL2040-04	121	121	63
RHL3030-04/ RHL3040-04	132	132	63
RHL5030-04/ RHL5040-04	184	165	63
RHL1030P-04/ RHL1040P-04	114	166	81
RHL2030P-04/ RHL2040P-04	129	175	82
RHL3030P-04/ RHL3040P-04	144	190	82
RHL5030P-04/ RHL5040P-04	184	224	82
RHL10030-04/ RHL10040-04	285	283	63
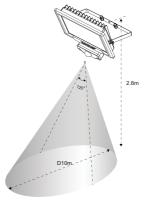
ACCESSORIES

RMCSPIKE-04	Garden spike attachment
R10FSA-01	LED flood light signage arm, white
R10FSA-04	LED flood light signage arm, black

2.8m
120°
D10m.

Scan here for more product information

HILUME LED FLOOD LIGHT
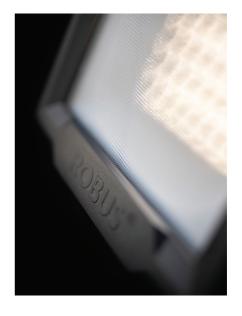
		RHL1040-01	RHL2040-01	RHL3040-01	RHL5040-01	RHL10040-01
Standard White	4000K	RHL1040-01	RHL2040-01	RHL3040-01	RHL5040-01	RHL10040-01
Standard Black	3000K	RHL1030-04	RHL2030-04	RHL3030-04	RHL5030-04	RHL10030-04
	4000K	RHL1040-04	RHL2040-04	RHL3040-04	RHL5040-04	RHL10040-04
PIR White	4000K	RHL1040P-01	RHL2040P-01	RHL3040P-01	RHL5040P-01	
PIR Black	3000K	RHL1030P-04	RHL2030P-04	RHL3030P-04	RHL5030P-04	
	4000K	RHL1040P-04	RHL2040P-04	RHL3040P-04	RHL5040P-04	
Comparable to MH (W):		75W Halogen	150W Halogen	200W Halogen	350W Halogen	500W Halogen
Total Power (W):		11.1/10.6	20.4/19.7	28.2/28.0	47.3/48.3	93.4/94.6
Total Light Output (lm):		960/980	1,640/1,730	2,110/2,190	3,560/3,900	7,070/7,440
Efficacy (lm/cctW):		87/93	80/88	75/78	75/81	76/79
Lux at 1m (lux):		420/430	720/760	920/940	1,470/1,590	2,840/3,010
CCT (K):		3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
CRI:		80	80	80	80	80
Power Factor (PF):		0.6	0.6	0.9	0.9	0.9
Weight (Kg):		0.34/0.40	0.40/0.45	0.48/0.55	0.75/0.82	1.68
Carton Qty:		12	12	12	8	5

SEAI approved

Note: Data in table is shown as 3000K/4000K

Time off delay:	10s - 10min
Lux settings:	10 - 2,000 lx
Mounting height range:	2.5 - 4m Max
Detection range:	7 - 10m Max
Detection angle:	120°
IP:	65

OUTDOOR
OHIO LED BULKHEAD

8W **12W** **18W** **CCT3** **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate base and opal diffuser
- Integral rubber seal between mating surfaces
- Positive 4 screw diffuser to base fixing
- Class 2 fitting

FEATURES:

- Circular or oval modern design using UV stabilised material
- Male/female connector between base mounted driver and diffuser mounted LED tray
- Complete with white and black trims
- LED replacement for 60W & 100W incandescent fittings
- UV stabilized
- Wide operating ambient temperature range of -20°C to +40°C

3 YRS WARRANTY	30,000 HRS RATED HOURS	71–99 LmW LUMENS PER W	IK 08 IK RATING	IP 54 IP RATING	OP 220 240 OPERATING VOLTAGE	120° BEAM ANGLE	3000K 4000K CCT3 CCT	SAFETY CLASS
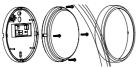
DIMENSIONS (mm)	Diameter	Height	Width	Length
RHC0830-01 Circular	176	55	N/A	N/A
RHC1230-01 Circular	211	55	N/A	N/A
RHC1240-01 Circular	211	55	N/A	N/A
RHV0830-01 Oval	N/A	55	100	200
RHV1230-01 Oval	N/A	55	105	230
RHV1240-01 Oval	N/A	55	105	230
RHC18CCT3-01	211	62.5	N/A	N/A

Scan here for more product information

OUTDOOR
OHIO LED BULKHEAD

	Circular	Oval	Circular	Oval
	8W	8W	12W	12W
Warm White	**RHC0830-01**	**RHV0830-01**	**RHC1230-01**	**RHV1230-01**
Neutral White			**RHC1240-01**	**RHV1240-01**
Comparable to:	60W Incandescent	60W Incandescent	100W Incandescent	100W Incandescent
Total Power (W):	8.8	8.8	11.7/12.1	12
Total Light Output (lm):	640	660	Warm 910/Neutral 950	Warm 860/Neutral 930
Efficacy (lm/cctW):	73	73	Warm 78/Neutral 79	Warm 71/Neutral 77
Lux at 1m (lux):	180	180	Warm 250/Neutral 280	Warm 250/Neutral 280
CCT (K):	3000	3000	Warm 3000/Neutral 4000	Warm 3000/Neutral 4000
CRI (Ra):	80	80	80	80
Power Factor (PF):	0.5	0.5	0.5	0.5
Weight (kg):	0.31	0.27	0.41	0.31
Carton Qty:	20	20	20	20

SEAI approved
Triple E registered

CCT3 Selectable	**RHC18CCT3-01**
Comparable to MH (W):	100W Incandesent
Total Power (W):	18W
Total Light Output (lm):	1430/1680/1570
Efficacy (lm/cctW):	80/99/87
Lux at 1m (lux):	440/520/480
CCT (K):	3000/4000/6500
CRI:	80
Power Factor (PF):	0.5
Box Qty:	1
Weight (Kg):	0.45

ACTIV BUSINESS SERVICES, BENTLEY, AUSTRALIA

OUTDOOR
SOL SOLAR LED WALL LIGHT

1.5W **3.2W** **6.8W**

CONSTRUCTION:

- ABS, UV-stabilised housing with polycarbonate diffuser with stainless steel screws

FEATURES:

- Suitable for use in outdoor common areas, gardens, hotels, pubs and restaurants
- Solar powered LED wall light, no need for mains power
- Wide operating ambient temperature range of 0°C to +40°C
- Two operation modes
- Movement detection range of 6m when installed at a height of 3m
- 1 year battery warranty
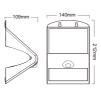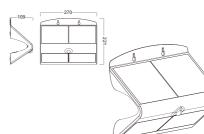
2 YRS	**30,000 HRS**	**IK 05**	**IP 65**	**90°**	**4000K**	**III**
WARRANTY	RATED HOURS	IK RATING	IP RATING	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)	Width	Height	Length
RSO240P-01	96	79	145
RSO240P-04	96	79	145
RSO340P-01	140	109	212
RSO340P-04	140	109	212
RSO740P-01	221	109	270
RSO740P-04	221	109	270

Scan here for more product information

OUTDOOR
SOL SOLAR LED WALL LIGHT

	RSO240P-01	RSO340P-01	RSO740P-01
PIR White	**RSO240P-01**	**RSO340P-01**	**RSO740P-01**
PIR Black	**RSO240P-04**	**RSO340P-04**	**RSO740P-04**
Total Power (W):	1.5	3.2	6.8
Total Light Output (lm):	170	510	980
Lux at 1m (lux):	8	25	50
CCT (K):	4000	4000	4000
CRI:	80	80	80
Weight (Kg):	0.21	0.43	0.79
Carton Qty:	20	12	8

OUTDOOR
ORB CCT3

14W **CCT3** **STOCK SAVER**

CONSTRUCTION:

- High impact resistant polycarbonate housing providing an Impact Rating of IK10
- Hinged gear tray

FEATURES:

- Optional trim accessories available – plain and eyelid in white, black and grey
- Colour temperature selectable between 3000K, 4000K and 6500K
- Slim profile with a height of only 60mm
- Sensor's maximum LED load of 90W allows control of up to 5 fittings
- Emergency version has a LiFePO4 battery
- Wide operating ambient temperature range of –20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell

5 YRS	**2 YRS**	**50,000 HRS**	**89–101 LmW**	**IK 10**	**IP 65**	**OP 220 240**	**110°**	**CCT3**	
WARRANTY	EMERGENCY BATTERY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

DIMENSIONS (mm)

	Diameter	Height
RRB14CCT3-01	285	60
RRB14CCT3E-01	285	60
RRB14CCT3S-01	285	60

ACCESSORIES

RRBTRIMP-01	ORB LED Surface Mount Trim Plain White
RRBTRIMP-04	ORB LED Surface Mount Trim Plain Black
RRBTRIMP-24	ORB LED Surface Mount Trim Plain Grey
RRBTRIMEY-01	ORB LED Surface Mount Trim Eyelid White
RRBTRIMEY-04	ORB LED Surface Mount Trim Eyelid Black
RRBTRIMEY-24	ORB LED Surface Mount Trim Eyelid Grey
RRBSCREW	ORB Anti Tamper Screws

Ø285mm

60m

Scan here for more product information

Hinged Gear Tray

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Standard	**RRB14CCT3-01**
Emergency	**RRB14CCT3E-01**
Microwave Sensor	**RRB14CCT3S-01**
Emergency Microwave Sensor	**RRB14CCT3E-01SEN**
Comparable to (W):	38W 2D
Total Power (W):	13.9/13.3/13.6
Total Light Output (lm):	1,230/1,340/1,270
Efficacy (lm/cctW):	89/101/94
Lux at 1m (lux):	420/460/430
Beam Angle (deg):	110
CCT (K):	3000/4000/6500
CRI (Ra):	80
Power Factor (PF):	0.9
Weight (Kg):	0.97
Carton Qty:	8

Triple E registered

CONVERSIONS AVAILABLE

SEN

Optional trims

OUTDOOR
WHITESTAR BULKHEAD

60W

ROBUS Connect

CONSTRUCTION:

- ABS UV-stabilised housing with polycarbonate diffuser
- Stainless steel screws

FEATURES:

- Complete with ceramic E27 lamp holder
- Can be used with energy saving LED & CFL lamps and max 60W incandescent
- Wide operating ambient temperature range of -20°C to +40°C
- PIR version: Has an all-round detection of 120°. Has an adjustable time delay (10secs – 4mins) and sensitivity 12m
- Photocell version: Switches light on automatically at dusk and remains on until daybreak. Comes on at 20 lux, goes off at 50 lux

2 YRS WARRANTY	excl. LAMP	IP 44 IP RATING	SAFETY CLASS

	PIR	Photocell
	R60BHPIR-01	**R60BHPC-01**
	R60BHPIR-04	**R60BHPC-04**
Total Power (W):	60	60
Cap type:	E27	E27
Power Factor (PF):	0.6	0.6
Weight (kg):	0.62	0.53
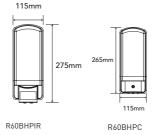
DIMENSIONS (mm)	Height	Width	Length
R60BHPIR-01/04	275	115	115
R60BHPC-01/04	265	115	115

R60BHPIR   R60BHPC

115mm
275mm
R60BHPIR

265mm
115mm
R60BHPC

Scan here for more product information

OUTDOOR
TOGA LED BULKHEAD

4.5W

CONSTRUCTION:

- Polycarbonate Housing
- Polycarbonate Diffuser
- FR-4 PCB Material

FEATURES:

- Standard and emergency versions
- Strong and durable polycarbonate housing and prismatic outer diffuser
- Polycarbonate Opal LED diffuser is low glare and provides even, diffused, shadow free light
- Sprung and hinged gear tray
- 200mm gland entry points on back and all 4 sides
- Rear screw mounting points moulded into base

3 YRS	**30,000 HRS**	**67-111 LmW**	**IK 09**	**IP 65**	**OP 220 240**	**110°/150°**	**3000K 4000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
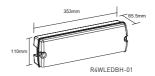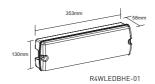
	R4WLEDBH-01	R4W30LEDBH-01
Comparable to:	8W Fluorescent	8W Fluorescent
Total Power (W):	4.5	4.4
Total Light Output (lm):	440	490
Efficacy (lm/cctW):	98	111
Lux at 1m (lux):	120	155
CCT (K):	4000	3000
Beam Angle (deg):	150	110
CRI:	80	80
Power Factor (PF):	0.5	0.5
Weight (kg):	0.43	0.43

DIMENSIONS (mm)	Length	Width	Height
R4WLEDBH-01	353	110	65.5
R4W30LEDBH-01	353	110	65.5

353mm · 65.5mm · 110mm
R4WLEDBH-01

353mm · 58mm · 130mm
R4WLEDBHE-01

Scan here for more product information

CONVERSIONS AVAILABLE

SEN 3SD PCELL

OUTDOOR
TRALEE GU10 WALL LIGHT

35W

R135-13

R235-13

CONSTRUCTION:

• 304 stainless steel
• Corrosion resistant

FEATURES:

• Suitable for use with halogen and selected LED and CFL lamps
• 304 stainless steel
• Corrosion resistant
• Complete with ceramic GU10 lamp holders
• IP44 sealing, for indoor & outdoor use
• Power consumption based on 35W halogen lamps

2 YRS WARRANTY	LAMP excl.	IP 44 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS
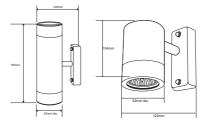
	Single	Double
Brushed Chrome	**R135-13**	**R235-13**
Total Power (W):	35	2 x 35
Cap Type:	GU10	GU10
Weight (kg):	0.45	0.45
Carton Qty:	4	4

DIMENSIONS (mm)	Diameter	Projection	Height
R135-13	62	104	120
R235-13	65	165	120

120mm
150mm
62mm dia.

104mm
62mm dia.
120mm

R235-13

R135-13

Scan here for more product information

OUTDOOR
TWILIGHT LED WALL LIGHT

1W **3W**

RTW0330SQ-24

RTW0130SQ-24

CONSTRUCTION:

• ABS, weather resistant housing
• Clip-on cover with no exposed screws

FEATURES:

• LED replacement for 10W & 30W halogen
• Low energy consumption, high lumen output
• Weatherproof ABS housing
• Slim design surface mounted wall light, no cut holes required in the wall
• IP65 ideal for outdoor, lighting pathways
• High Impact rating of IK07
• Wide operating ambient temperature range of -20°C to +40°C

2YRS	30,000 HRS	46-70 LmW	IK 07	IP 65	OP 220 240	50°/100°	3000K	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
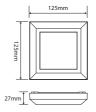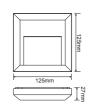
	1W	3W
	RTW0130SQ-24	**RTW0330SQ-24**
Comparable to:	10W Halogen	30W Halogen
Total Power (W):	1.5	3.7
Total Light Output (lm):	60	260
Efficacy (lm/cctW):	46	70
CCT (K):	3000	3000
Beam Angle (deg):	50	100
Weight (kg):	0.18	0.20
Carton Qty:	20	20

DIMENSIONS (mm)	Height	Width	Depth
RTW0130SQ-24	125	125	27
RTW0330SQ-24	125	125	27

RTW0330SQ-24

RTW0130SQ-24

Scan here for more product information

OUTDOOR
TWILIGHT LED WALL LIGHT

2W 3W

RTW0330C-24

RTW0230C-24

CONSTRUCTION:

• ABS, weather resistant housing
• Clip-on cover with no exposed screws

FEATURES:

• LED replacement for 10W and 30W halogen fittings
• Low energy consumption, high lumen output
• Slim design surface mounted – no cut out holes required
• High impact rating of IK07
• IP65 ideal for outdoor applications
• Wide operating ambient temperature range of -20°C to +40°C

| 2YRS WARRANTY | 30,000 HRS RATED HOURS | 47-84 LmW LUMENS PER W | IK 07 IK RATING | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 40°/120° BEAM ANGLE | 3000K CCT | SAFETY CLASS |
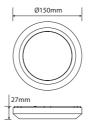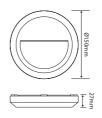
	2W	3W
	RTW0230C-24	**RTW0330C-24**
Comparable to:	15W Halogen	30W Halogen
Total Power (W):	1.8	3.8
Total Light Output (lm):	80	310
Efficacy (lm/cctW):	47	84
CCT (K):	3000	3000
Beam Angle (deg):	40	120
Weight (kg):	0.19	0.21
Carton Qty:	20	20

DIMENSIONS (mm)	Diameter	Depth
RTW0230C-24	150	27
RTW0330C-24	150	27

Ø150mm
27mm

Ø150mm
27mm

Scan here for more product information

OUTDOOR
TWILIGHT LED WALL LIGHT

1W **2W** **3W**

RTW0330RG-24

RTW0230RGL-24

RTW0130RG-24

CONSTRUCTION:

- ABS, weather resistant housing
- Clip-on cover with no exposed screws

FEATURES:

- LED replacement for 10/15/30W halogen fittings
- Low energy consumption, high lumen output
- Slim design surface mounted - no cut out holes required
- High impact rating of IK07
- IP65 ideal for outdoor applications
- Wide operating ambient temperature range of -20°C to +40°C

2YRS WARRANTY	30,000 HRS RATED HOURS	32-80 LmW LUMENS PER W	IK 07 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	35°/120° BEAM ANGLE	3000K CCT	SAFETY CLASS
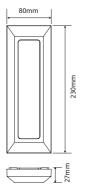
	1W	2W	3W
	RTW0130RG-24	**RTW0230RGL-24**	**RTW0330RG-24**
Comparable to:	10W Halogen	15W Halogen	30W Halogen
Total Power (W):	1.2	1.7	3.7
Total Light Output (lm):	30	80	290
Efficacy (lm/cctW):	32	48	80
CCT (K):	3000	3000	3000
Beam Angle (deg):	120	35	35
Weight (kg):	0.17	0.22	0.23
Carton Qty:	20	20	20

DIMENSIONS (mm)	Height	Width	Depth
RTW0130RG-24	200	80	27
RTW0230RGL-24	80	230	27
RTW0330RG-24	80	230	27

80mm

230mm

27mm

Scan here for more product information

OUTDOOR
APEX LED WALL & SPIKE LIGHT

4.5W

CONSTRUCTION:

- Body manufactured from die cast aluminium with allen head type bezel machine screws and polycarbonate diffuser
- Finished with a dark grey electrophoresis powder coating

FEATURES:

- Powder coated using electrophoresis process for high corrosion resistance
- Head adjustable angle of 90°
- Complete with stainless steel screws
- Pre-wired with 1m rubber flex
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by external PIR, Microwave or Photocell

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 35–40 LmW LUMENS PER W | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 25° BEAM ANGLE | 3000K 4000K CCT | SAFETY CLASS | 90° TILT ANGLE |

	Warm White	Neutral White
	RAX4530-25	**RAX4540-25**
Comparable to:	30W Halogen	30W Halogen
Total Power (W):	4.5	4.5
Total Light Output (lm):	160	180
Efficacy (lm/cctW):	35	40
Lux at 1m (lux):	120	150
CCT (K):	3000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.5	0.5
Weight (kg):	0.5	0.5
Carton Qty:	16	16

DIMENSIONS (mm)	Height	Width	Length
RAX4540-25	100	73	70
RAX4530-25	100	73	70

100MM
73MM
70MM
225MM

Scan here for more product information

T +353 1 709 9000   **F** +353 1 709 9060

OUTDOOR
ECLIPSE LED WALL LIGHT

6W **12W**

CONSTRUCTION:

- Die cast aluminium housing with polycarbonate diffuser
- Powder coated using electrophoresis process for high corrosion resistance

FEATURES:

- LED replacement for 11W CFL wall lights
- Ingress protection to IP54, ideal for installation outdoors or in wet areas and ensures water or dust cannot enter the fitting so provides long life
- Complete with stainless steel screws
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by external PIR, Microwave or Photocell
- LED replacement for 11W and 18W CFL wall lights

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 60 LmW LUMENS PER W | IK 08 IK RATING | IP 54 IP RATING | OP 220 240 OPERATING VOLTAGE | 120° BEAM ANGLE | 3000K CCT | SAFETY CLASS |
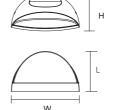
Warm White	REL0630-25	REL1230-25
Total Power (W):	6	12
Total Light Output (lm):	370	720
Efficacy (lm/cctW):	60	60
Lux at 1m (lux):	35	60
CCT (K):	3000	3000
CRI (Ra):	80	80
Power Factor (PF):	0.8	0.8
Weight (kg):	0.58	1.10
Carton Qty:	12	8

DIMENSIONS (mm)	Width	Length	Hight
REL0630-25	160	86	100
REL1230-25	249	129	149

H

L

W

*SEN and PC conversions only available in 12W version

Scan here for more product information

CONVERSIONS AVAILABLE

SEN   PCELL

OUTDOOR
BEACON BOLLARD

60W ROBUS connect

CONSTRUCTION:

- Extruded aluminium base/main body with die cast dome

FEATURES:

- Suitable for use with 60W Incandescent or selected LED and CFL lamps
- Complete with ceramic E27 lamp holder
- Base diameter 170mm. Dome and column 150mm
- Complete with stainless steel screws
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell

2 YRS WARRANTY	**excl.** LAMP	**IP 44** IP RATING	**OP 220 240** OPERATING VOLTAGE	SAFETY CLASS
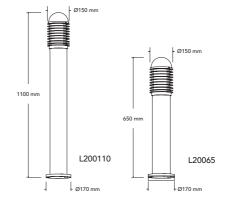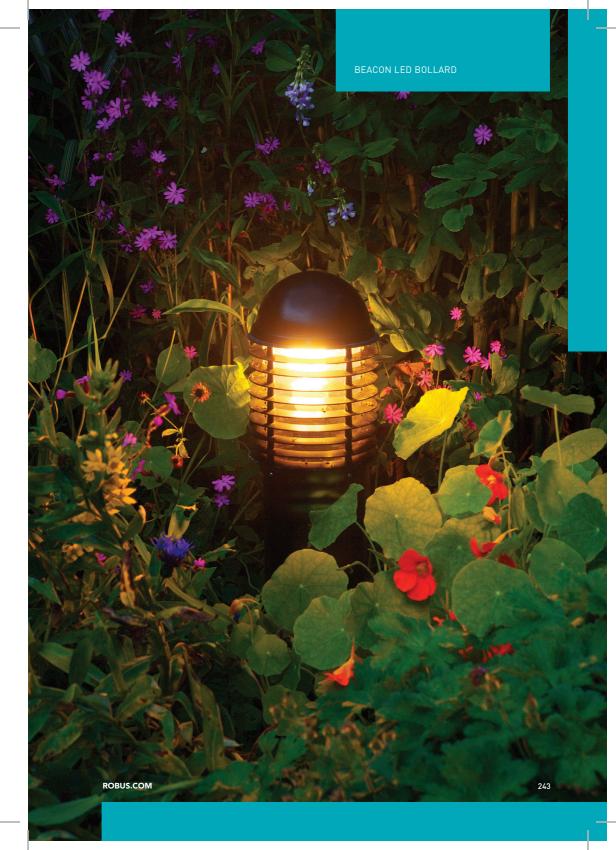
	650mm	1100mm
	L20065	**L200110**
Total Power (W):	60	60
Cap Type:	E27	E27
Weight (kg):	1.3	1.3
Carton Qty:	2	2

DIMENSIONS (mm)	Diameter Base	Diameter Dome	Height
L20065	170	150	600
L200110	170	150	1000

Ø150 mm

1100 mm

L200110

Ø170 mm

Ø150 mm

650 mm

L20065

Ø170 mm

Scan here for more product information

OUTDOOR
ORIENT LED
COMMERCIAL BOLLARD

20W

980mm   630mm

CONSTRUCTION:

- Die cast aluminium housing with PMMA diffuser
- High quality powder coating process for high corrosion resistance

FEATURES:

- LED replacement for 120W linear halogen fittings
- Complete with stainless steel screws
- Very high efficacy of 92lm/W
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell sensors

5 YRS WARRANTY	50,000 HRS RATED HOURS	92 LmW LUMENS PER W	IK 06 IK RATING	IP 65 IP RATING	OP 100 240 OPERATING VOLTAGE	120° BEAM ANGLE	4000K CCT	SAFETY CLASS

	630mm	980mm
	ROR204063	**ROR204098**
Comparable to:	120W halogen	120W halogen
Total Power (W):	20.5	20.5
Total Light Output (lm):	1,890	1,890
Efficacy (lm/cctW):	92	92
Lux at 1m (lux):	450	450
CCT (K):	4000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	4.1	5.5
Carton Qty:	1	1

DIMENSIONS (mm)	Diameter	Height
ROR204063	160	630
ROR204098	160	980

H

D

Scan here for more product information

OUTDOOR
VITA CIRCULAR LED KIT

1.8W **3.6W**

CONSTRUCTION:

• Resin formed body with stainless steel trim

FEATURES:

• Each head has 3 x 0.12W super bright Surface Mount LED's
• LED replacement for halogen decking lights
• Plug & Play kit containing 10 miniature fittings, each with 3 LEDs, 6W IP44 driver, cables and junction box
• Stainless steel cowl and spring clips
• Each fitting prewired with 5m cable
• Wide operating ambient temperature range of -20°C to +40°C

2 YRS	**30,000** HRS	**IP 68**	**OP 220 240**	**□**
WARRANTY	RATED HOURS	IP RATING	OPERATING VOLTAGE	SAFETY CLASS
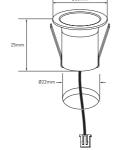
	5 fittings	10 fittings
White LEDs	**R3LED5S-01**	**R3LED10S-01**
Blue LEDs	**R3LED5S-07**	**R3LED10S-07**
Warm White LEDs		**R3LED10SWW-01**
Total Power (W):	1.8	3.6
Weight (kg):	1.4	1.8
Carton Qty:	6	6

DIMENSIONS (mm)	Diameter	Cut-out	Depth
R3LED5S-01/07	30	22	25
R3LED10S-01/07	30	22	25
R3LED10SWW-01	30	22	25

Ø30mm
25mm
Ø22mm

Scan here for more product information

OUTDOOR
EWOK LED GROUND LIGHTS

0.7W **1.5W**

R6LED240S

R10LED240S

CONSTRUCTION:

• Die cast aluminium body
• 3mm thick glass
• Grade 316 Stainless steel trim

FEATURES:

• R6LED240S requires a 50mm PVC sleeve when installed in concrete
• R10LED240S requires a 100mm cut out, however it comes with mounting sleeve and when this is used, the cut out is 105mm.
• Suitable for walk-over application
• Pre-wired with 3m rubber flex
• Wide operating ambient temperature range of -20°C to +40°C
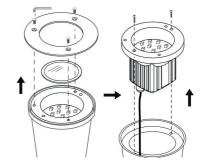
2 YRS WARRANTY	**30,000 HRS** RATED HOURS	**IP 67** IP RATING	**OP 220 240** OPERATING VOLTAGE	**6000K** CCT	SAFETY CLASS

Daylight White	6 LEDs	10 LEDs
	R6LED240S-01	**R10LED240S-01**
Total Power (W):	0.7	1.5
Total Light Output (lm):	21	50
Lux at 1m (lux):	10	15
CCT (K):	6000	6000
CRI (Ra):	75	75
Weight (kg):	0.4	0.7
Carton Qty:	4	4

DIMENSIONS (mm)	Diameter	Depth	Cut-out
R6LED240S-01	60	98	50
R10LED240S-01	118	122	100

Scan here for more product information

OUTDOOR
ASYMMETRIC LED GROUND LIGHT

14W

CONSTRUCTION:

- Stainless steel front plate with very high resistance to corrosion
- 5mm hardened glass
- Die cast aluminium housing

FEATURES:

- 45° angle elevation, 25° beam width
- Suitable for loads up to 3 tonnes load at 15km/h
- Complete with plastic sleeve for sitting into brickwork/concrete with depth of 110mm
- Complete with IP67 loop-in loop-out T connector and mounting sleeve
- 0.5m flex between fitting and junction box
- Wide operating ambient temperature range of -20°C to +40°C

2 YRS	**30,000** HRS	**65** LmW	**IK 06**	**IP 67**	**OP 220 240**	**30°**	**3000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS

6 x 3W LEDS	R18ASGL
Total Power (W):	14
Total Light Output (lm):	910
Efficacy (lm/cctW):	65
CCT (K):	3000
CRI (Ra):	65
Weight (kg):	1.6
Carton Qty:	4

DIMENSIONS (mm)	Diameter	Cut-out fitting	Cut-out sleeve	Depth
R18ASGL	164	120	196	121

Ø164 mm
121 mm
500mm

Scan here for more product information

T +353 1 709 9000   **F** +353 1 709 9060

OUTDOOR
TIBO LED BRICK LIGHT

13W

CONSTRUCTION:

- Die-cast aluminium main body housing and trim
- Dark grey powder coat finishing process
- Polycarbonate opal diffuser
- Polycarbonate cover material
- Stainless steel fasteners
- Aluminium/FR-4 PCB

FEATURES:

- High efficiency integral driver
- Double entry breakouts at both ends of sleeve to provide easy loop in/loop out cable function
- Wide operating temperature of -20°C to +40°C

3 YRS	**30,000 HRS**	**42 LmW**	**IK 08**	**IP 65**	**OP 220 240**	**100°**	**3000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
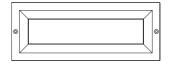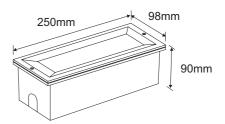
	RTI1330-25
Comparable to:	50W halogen
Total Power (W):	12.9
Total Light Output (lm):	540
Efficacy (lm/cctW):	42
Lux at 1m (lux):	220
CCT (K):	3000
CRI (Ra):	80
Power Factor (PF):	0.9
Weight (kg):	0.85
Carton Qty:	8

DIMENSIONS (mm)	Length	Width	Depth	Cut-out
RTI1330-25	250	98	90	235x82x80

250mm 98mm

90mm

Scan here for more product information

OUTDOOR
DUET 2IN1 LED SPIKE & WALL MOUNT FITTING

4W

CONSTRUCTION:

• Wall bracket with pre-drilled hole
• Aluminium housing with polycarbonate lens
• Die-cast aluminium body
• Toughened glass

FEATURES:

• LED replacement for 20W halogen
• Head adjustable angle of 180°
• Complete with stainless steel screws
• Prewired with 1.5m rubber flex
• Wide operating ambient temperature range of -20°C to +40°C
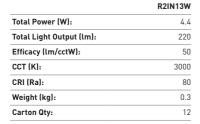
| 2 YRS WARRANTY | 30,000 HRS RATED HOURS | 50 LmW LUMENS PER W | IP 65 IP RATING | OP 220 240 OPERATING VOLTAGE | 3000K CCT | 180° ADJUSTMENT ANGLE/TILT | 350° ADJUSTMENT ANGLE/TILT | SAFETY CLASS |

	R2IN13W
Total Power (W):	4.4
Total Light Output (lm):	220
Efficacy (lm/cctW):	50
CCT (K):	3000
CRI (Ra):	80
Weight (kg):	0.3
Carton Qty:	12

DIMENSIONS (mm)	Diameter	Length
R2IN13W	42	75

75mm · ø42mm · 50mm · 176mm
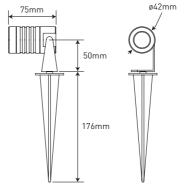
Scan here for more product information

OUTDOOR
TRINITY 3IN1 LED SPIKE & WALL MOUNT FITTING

4W

CONSTRUCTION:

- 316 marine grade stainless steel front plate with very high resistance to corrosion
- Die cast aluminium housing with hardened glass
- Complete with plastic sleeve for sitting into brickwork/concrete

FEATURES:

- LED replacement for 20W Halogen
- Complete with stainless steel screws
- Suitable for walk over applications
- Prewired with 1.5m rubber flex
- Wide operating ambient temperature range of -20°C to +40°C

2 YRS	**30,000 HRS**	**49 LmW**	**IP 65**	**OP 220 240**	**3000K**	**180°**	**350°**		
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	CCT	ADJUSTMENT ANGLE/TILT	ADJUSTMENT ANGLE/TILT	SAFETY CLASS	
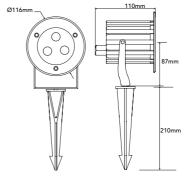
	R3IN13W
Total Power (W):	4
Total Light Output (lm):	195
Efficacy (lm/cctW):	49
CCT (K):	3000
CRI (Ra):	70
Weight (kg):	1.3
Carton Qty:	6

DIMENSIONS (mm)

	Diameter	Cut-out fitting	Cut-out sleeve	Depth
R3IN13W	116	95	105	110

Ø116mm 110mm 87mm 210mm

Scan here for more product information

OUTDOOR
LEE GARDEN SPIKE

50W

ROBUS Connect

CONSTRUCTION:

• Die cast aluminium housing with glass front
• Complete with stainless steel screws

FEATURES:

• Suitable for use with 50W Halogen or selected LED or CFL lamps
• Complete with ceramic GU10 lampholder
• Wide operating ambient temperature range of -20°C to +40°C
• Prewired with 1m rubber flex

2 YRS WARRANTY	**excl.** LAMP	**IP 65** IP RATING	**OP 220 240** OPERATING VOLTAGE	**180°** ADJUSTMENT ANGLE/TILT	**350°** ADJUSTMENT ANGLE/TILT	SAFETY CLASS

	Mains Voltage
	LS50GU-04
Total Power (W):	50
Cap Type:	GU10
Weight (kg):	0.5
Carton Qty:	10

DIMENSIONS (mm)	Diameter	Height	Length
LS50GU-04	98	280	135

LED SUPPLY TRANSFORMER 12W, IP44
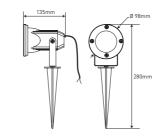
• 2m cable
• Range 0-12W, 12V SELV output
• Thermal protection

	R12WLEDT
Total Power (W):	12
Weight (kg):	0.75
Carton Qty:	4

Scan here for more product information

135mm   Ø 98mm

280mm

FLEXI-STRIP

VEGAS LED FLEXI-STRIP

The VEGAS range of LED flexi-strip consists of single colour warm or neutral white, tunable white, RGB or RGBW strip which can be ordered by the metre. This is a system, which when used with appropriate drivers and controllers provides a superb lighting effect for domestic, retail, commercial or entertainment venues. Accessory amplifiers allow the system to be extended to almost unlimited size.

CUT TO LENGTH

FLEXIBLE

LOW PROFILE

COLOUR OPTIONS

ADDED PROTECTION

DIMMABLE

3M TAPE / PEEL & STICK

ROBUS CONNECT AVAILABLE

VEGAS CUTTING STATION FOR VEGAS LED FLEXI-STRIP
EU REGISTERED DESIGN

VEGAS CALCULATOR

ROBUS NOW HAVE AN ONLINE TOOL DESIGNED TO MAKE FITTING OUT LED FLEXI STRIP LIGHTING PROJECTS EASIER AND FASTER.

The ROBUS VEGAS LED Flexi-Strip Calculator guides you through the flexi-strip selection process and allows you to save, print or get a quote for all of the components you require.

Visit
www.robus.com/tools/vegas-led-flexi-strip-calculator

*When ordering Cut To Length service, add CUT to order code. e.g. RVA96302050-CUT / -CUT-SINGLE / -CUT-RGBW / -CUTRGB

VEGAS
CUT TO LENGTH SERVICE

OUR ROBUS CUSTOMISED CONVERSIONS TECHNICIANS WILL MODIFY YOUR ROBUS VEGAS LED FLEXI-STRIP LIGHTS TO MEET YOUR INDIVIDUAL PROJECT REQUIREMENTS.

Cut, solder and heat-shrink LED Flexi-strip light to the lengths you require

Goods can be dispatched to branch or end user and can be packed per specific room requirement

Include a specific lead length on request (standard lead length 1m)

Requirements can be advised from submission of suitable drawings

Provide project pricing

Customise any LED Flexi-strip light to enable ROBUS VEGAS CONNECT, Emergency, Analogue Dimming, DALI Dimming and Switch Dim

Provide pre and after sales technical support

CUSTOMISED CONVERSIONS

Turn Around Time 1-5 working days

To avail of this service please contact your local ROBUS Area Sales Manager or our ROBUS Customised Conversions Team.

Tel:
IRE +353 1 709 9000 (option 2)

Freephone from UK
0800 973 220

Email:
conversionsrequests@robus.com

GLOUCESTERSHIRE COLLEGE CYBER CRIME CLASSROOM
GLOUCESTER QUAYS, UK

The very impressive design plans for the room included circular ceiling features and pelmets along the perimeter of the room. Exact measures of ROBUS VEGAS LED Flexi-strip lighting were needed to fit it out. The college availed of the ROBUS Customised Conversions Cut to Length service to ensure they were getting the right measurements of LED Flexi-strip. The ROBUS Customised Conversions team cut 49 meters of ROBUS VEGAS LED Strip (RVA14RGB2050) into 11 different lengths to suit the different areas of the classroom. Using this service took the hassle out of the measuring and installation of this project for the contractor.

LED FLEXI-STRIP
VEGAS 12V WHITE

4.8 W/m

LINX

ROBUS Connect

FEATURES:

- VEGAS single colour SMD2835 LED flexi-strip with 3M™ self-adhesive tape
- Low power consumption of 4.8W per meter
- Cutting points every 3 LEDs / 5cm
- Requires 12V LED driver (sold separately)
- For runs over 10m individual lengths should be connected in parallel
- 50m IP20 non-waterproof and 30m IP67 waterproof versions available
- Available in warm white and neutral white
- Easy clip connector packs available as accessories, see pages 287-289

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 12DC VOLTAGE | MAX ▶10M◀ MAX LENGTH | IP 20/67 IP RATING | 60 LEDs/M LEDS PER METER | 120° BEAM ANGLE | 3000K 4000K CCT | 5CM CUTTING POINTS | III SAFETY CLASS |

DIMENSIONS(mm)	Length	Width	Height
RVA48302050	50,000	8	1.5
RVA48402050	50,000	8	1.5
RVA48306730	30,000	10	3
RVA48406730	30,000	10	3

Scan here for more product information

LED FLEXI-STRIP
VEGAS 12V WHITE

	RVA48302050	RVA48402050	RVA48306730	RVA48406730
Standard	**RVA48302050**	**RVA48402050**	**RVA48306730**	**RVA48406730**
Cut to Length	**RVA48302050-CUT**	**RVA48402050-CUT**	**RVA48306730-CUT**	**RVA48406730-CUT**
	Warm White	Neutral White	Warm White	Neutral White
	Non-Waterproof	Non-Waterproof	Waterproof	Waterproof
Total Power (W/m):	4.8	4.8	4.8	4.8
Total Voltage (V):	12	12	12	12
Total Light Output (lm/M):	500	510	480	510
CCT (K):	3000	4000	3000	4000
CRI (Ra):	80	80	80	80
LEDs per metre:	60	60	60	60
Weight per 1m (kg):	0.02	0.02	0.06	0.06
Reel (m):	50	50	30	30
	F (A–G)	F (A–G)	G (A–G)	F (A–G)

LED FLEXI-STRIP
VEGAS 24V WHITE

9.6 W/m

LINX

ROBUS connect

FEATURES:

- VEGAS single colour SMD2835 LED flexi-strip with 3M™ self-adhesive tape
- Low power consumption of 9.6W per meter
- Cutting points every 6 LEDs / 5cm
- Requires 24V LED driver (sold separately)
- Voltage drop of 4V per 10m and maximum continuous run of 10m
- For runs over 10m individual lengths should be connected in parallel
- 50m IP20 non-waterproof and 30m IP67 waterproof versions available
- Available in warm white and neutral white
- Easy clip connector packs available as accessories, see pages 287-289

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**24DC** VOLTAGE
MAX ►10M◄ MAX LENGTH	**IP 20/67** IP RATING	**120 LEDs/M** LEDS PER METER
120° BEAM ANGLE	**2200K 3000K 4000K** CCT	**5CM** CUTTING POINTS
III SAFETY CLASS		

DIMENSIONS(mm)	Length	Width	Height
RVA96302050	50,000	8	1.5
RVA96402050	50,000	8	1.5
RVA96226730	50,000	8	1.5
RVA96306730	30,000	10	3
RVA96406730	30,000	10	3

Scan here for more product information

LED FLEXI-STRIP
VEGAS 24V WHITE

	RVA96302050	RVA96402050	RVA96226730	RVA96306730	RVA96406730
Standard	**RVA96302050**	**RVA96402050**	**RVA96226730**	**RVA96306730**	**RVA96406730**
Cut to Length	**RVA96302050-CUT**	**RVA96402050-CUT**		**RVA96306730-CUT**	**RVA96406730-CUT**
	Warm White	Neutral White	Warm White	Warm White	Neutral White
	Non-Waterproof	Non-Waterproof	Waterproof	Waterproof	Waterproof
Total Power (W/m):	9.6	9.6	8.7	9.6	9.6
Total Voltage (V):	24	24	24	24	24
Total Light Output (lm/M):	1,070	1,075	620	990	995
CCT (K):	3000	4000	2200	3000	4000
CRI (Ra):	80	80	80	80	80
LEDs per metre:	120	120	120	120	120
Weight per 1m (kg):	0.02	0.02	0.06	0.06	0.06
Reel (m):	50	50	50	30	30
	F A→G	F A→G	G A→G	G A→G	F A→G

CONVERSIONS AVAILABLE

(DD)

ARTHUR COX, DUBLIN, IRELAND

LED FLEXI-STRIP
VEGAS 12V & 24V LED RGB

| 7.2 W/m | 14.4 W/m | RGB | LINX | ROBUS connect |

FEATURES:

- VEGAS RGB colour changing SMD5050 LED flexi-strip with 3M™ self-adhesive tape
- Power consumption of 7.2W & 14.4W per meter
- Cutting points every 3 LEDs for 12V and 6 LEDs for 24V
- Requires 12V or 24V LED driver (sold separately)
- Voltage drop of 3.5V per 10m and maximum continuous run of 5m
- For runs over 5ms individual lengths should be connected in parallel
- Easy clip connector packs available as accessories, see pages 287-289

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 24DC 12DC VOLTAGE | MAX 5M MAX LENGTH | IP 20/67 IP RATING | 30/60 LEDs/M LEDS PER METER | 120° BEAM ANGLE | RGB CCT | 5CM/10M CUTTING POINTS | III SAFETY CLASS |
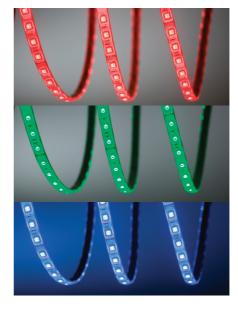
DIMENSIONS(mm)	Length	Width	Height
RVA72RGB2050	50,000	10	1.5
RVA14RGB2050	50,000	10	1.5
RVA72RGB6730	30,000	12	3
RVA14RGB6730	30,000	12	3

Scan here for more product information

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LED FLEXI-STRIP
VEGAS 12V & 24V LED RGB

	RVA72RGB2050	RVA72RGB6730	RVA14RGB2050	RVA14RGB6730
Standard	RVA72RGB2050	RVA72RGB6730	RVA14RGB2050	RVA14RGB6730
Cut to Length	RVA72RGB2050-CUT	RVA72RGB6730-CUT	RVA14RGB2050-CUT	RVA14RGB6730-CUT
	RGB	RGB	RGB	RGB
	Non-Waterproof	Waterproof	Non-Waterproof	Waterproof
Total Power (W/m):	7.2	7.2	14.4	14.4
Total Voltage (V):	12	12	24	24
CRI (Ra):	80	80	80	80
LEDs per metre:	30	30	60	60
Weight per 1m (kg):	0.02	0.06	0.02	0.06
Reel (m):	50	50	30	30

CONVERSIONS AVAILABLE

DD

DALI Dimmable option available via conversions for 24V VEGAS

AWAS AVIATION, DUBLIN, IRELAND

LED FLEXI-STRIP
VEGAS 24V LED RGBW

12 W/m **RGBW** LINX ROBUS Connect

FEATURES:

- VEGAS RGBW colour changing SMD5050 LED flexi-strip with 3M™ self-adhesive tape
- Power consumption of 12W per meter
- Cutting points every 6 LEDs / 10 cm
- Requires 24V LED driver (sold separately)
- Voltage drop of 4.5V per 10m and maximum continuous run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Easy clip connector packs available as accessories, see pages 287-289

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**24DC** VOLTAGE	**MAX ▶ 5M ◀** MAX LENGTH	**IP 20/67** IP RATING	**60 LEDs/M** LEDS PER METER	**120°** BEAM ANGLE	**RGBW** CCT	**10CM** CUTTING POINTS	**III** SAFETY CLASS

DIMENSIONS(mm)	Length	Width	Height
RVA12RGBW2030-30	30,000	12	2
RVA12RGBW2030-40	30,000	12	2
RVA12RGBW6730-30	30,000	14	4
RVA12RGBW6730-40	30,000	14	4

Scan here for more product information

LIGHTHOUSE, WICKLOW, IRELAND

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LED FLEXI-STRIP
VEGAS 24V LED RGBW

	RVA12RGBW2030-30	RVA12RGBW2030-40	RVA12RGBW6730-30	RVA12RGBW6730-40
Standard				
Cut to Length	RVA12RGBW2030-30CUT	RVA12RGBW2030-40CUT		
	RGB + 3000K	RGB + 4000K	RGB + 3000K	RGB + 4000K
	Non-Waterproof	Non-Waterproof	Waterproof	Waterproof
Total Power (W/m):	12	12	12	12
Total Voltage (V):	24	24	24	24
CRI (Ra):	80	80	80	80
CCT (K):	RGB + 3000K	RGB + 4000K	RGB + 3000K	RGB + 4000K
LEDs per metre:	60	60	60	60
Weight per 1m (kg):	0.04	1.2	0.08	0.08
Reel (m):	30	30	30	30
	F	F	G	G

CONVERSIONS AVAILABLE

DD

CARRICKMINES, DUBLIN, IRELAND

LED FLEXI-STRIP
VEGAS 12V & 24V TUNABLE WHITE

9.6 W/m **19.2 W/m** **CCT2** LINX ROBUS connect

STOCK SAVER

FEATURES:

- VEGAS Tunable colour changing (between 2700K and 6500K) SMD2835 LED flexi-strip with 3M™ self-adhesive tape
- Power consumption of 9.6 and 19.2W per meter
- Options available for indoor and outdoor applications
- Cutting points every 5 or 8 cm
- Requires 12V or 24V LED driver (sold separately)
- Easy clip connector packs available as accessories, see pages 287-289

3 YRS	**30,000 HRS**	**24DC 12DC**	**MAX ▸ 5M ◂**	**IP 20/67**	**122/144 LEDs/M**	**120°**	**CCT2**	**5&8CM**	**III**
WARRANTY	RATED HOURS	VOLTAGE	MAX LENGTH	IP RATING	LEDS PER METER	BEAM ANGLE	CCT	CUTTING POINTS	SAFETY CLASS

DIMENSIONS(mm)	Length	Width	Height
RVA96CCT22050	50,000	10	2
RVA96CCT26730	30,000	12	2
RVA192CCT22050	50,000	10	4
RVA192CCT26730	30,000	12	4

Scan here for more product information

LED FLEXI-STRIP
VEGAS 12V & 24V
TUNABLE WHITE

	RVA96CCT22050	RVA96CCT26730	RVA192CCT22050	RVA192CCT26730
Standard	**RVA96CCT22050**	**RVA96CCT26730**	**RVA192CCT22050**	**RVA192CCT26730**
Cut to Length	**RVA96CCT22050-CUT**	**RVA96CCT26730-CUT**	**RVA192CCT22050-CUT**	**RVA192CCT26730-CUT**
	Non-Waterproof	Waterproof	Non-Waterproof	Waterproof
Total Power (W/m):	5.7-9.6	6.0-9.6	11.2-19.2	11.7-19.2
Total Light Output (lm/m):	520-910	430-800	940-1780	800-1520
Total Voltage (V):	12	12	24	24
CCT:	2700-6500K	2700-6500K	2700-6500K	2700-6500K
CRI (Ra):	80	80	80	80
LEDs per metre:	120	120	120	120
Weight per 1m (kg):	0.02	0.06	0.02	0.06
Reel (m):	50	30	50	30
	F (A-G)	G (A-G)	G (A-G)	G (A-G)

CONVERSIONS AVAILABLE

DD
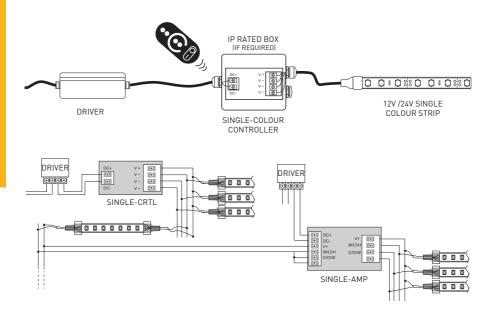
DALI Dimmable option available via conversions for 24V VEGAS

MOTOR TRADE ASSOCIATION OF AUSTRALIA, ACT, AUSTRALIA

LED FLEXI-STRIP
VEGAS 12V LED WHITE

HOW TO CONNECT 12V VEGAS SINGLE COLOUR LED FLEXI-STRIP WITH CONTROLLER AND POWER SUPPLY

DRIVER

IP RATED BOX
(IF REQUIRED)

SINGLE-COLOUR
CONTROLLER

12V /24V SINGLE
COLOUR STRIP

DRIVER

SINGLE-CRTL

DRIVER

SINGLE-AMP
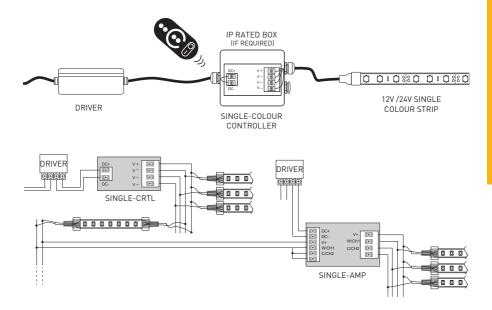
EXAMPLE INSTALLATION SINGLE COLOUR CONTROLLER - 10M VEGAS IP20 4.8W/M STRIP

	CODE	2M	5M	10M	11-20M	21-30M	31-40M	41-50M
LED Strip	RVA48X02050	1	1	1	2	3	4	5
Single Colour Controller	RVACCT1-CRTL	1	1	1	1	1	1	1
Single Colour Amplifier	RVACCT1-AMP	0	0	0	1	2	3	4
12V CV Non-Dim LED Driver 15W	RVA1512-PSU	1	0	0	0	0	0	0
12V CV Non-Dim LED Driver 30W	RVA3012-PSU	0	1	0	0	0	0	0
12V CV Non-Dim LED Driver 60W	RVA6012-PSU	0	0	1	2	3	4	5

Note: Controller and amplifier only required for white flexi-strip that is to be dimmed.

EXAMPLE INSTALLATION SINGLE COLOUR CONTROLLER - 10M VEGAS 4.8W/M 12V STRIP IP67

	CODE	2M	5M	10M	11-20M	21-30M	31-40M	41-50M
LED Strip	RVA48X06730	1	1	1	2	3	4	5
Single Colour Controller	RVACCT1-CRTL	1	1	1	1	1	1	1
Single Colour Amplifier	RVACCT1-AMP	0	0	0	1	2	3	4
12V CV Non-Dim LED Driver 60W IP67	RVA6012IP67N-PSU	1	1	1	2	3	4	5
IP Rated Box	RVBIP2	1	1	1	2	3	4	5

LED FLEXI-STRIP
VEGAS 24V LED WHITE

HOW TO CONNECT 24V VEGAS SINGLE COLOUR LED FLEXI-STRIP WITH CONTROLLER AND POWER SUPPLY

DRIVER

IP RATED BOX (IF REQUIRED)

SINGLE-COLOUR CONTROLLER

12V /24V SINGLE COLOUR STRIP

DRIVER

SINGLE-CRTL

DRIVER

SINGLE-AMP
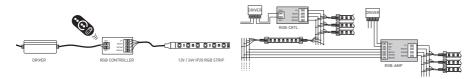
EXAMPLE INSTALLATION SINGLE COLOUR CONTROLLER - 10M VEGAS IP20 9.6W/M STRIP

	CODE	2M	5M	10M	11-20M	21-30M	31-40M	41-50M
LED Strip	**RVA96X02050**	1	1	1	2	3	4	5
Single Colour Controller	**RVACCT1-CRTL**	1	1	1	1	1	1	1
Single Colour Amplifier	**RVACCT1-AMP**	0	0	0	1	2	3	4
24V CV Non-Dim LED Driver 30W	**RVA3024-PSU**	1	0	0	0	0	0	0
24V CV Non-Dim LED Driver 60W	**RVA6024-PSU**	0	1	0	0	0	0	0
24V CV Non-Dim LED Driver 100W	**RVA10024-PSU**	0	0	1	2	3	4	5

Note: Controller and amplifier only required for white flexi-strip that is to be dimmed.

EXAMPLE INSTALLATION SINGLE COLOUR CONTROLLER - 10M VEGAS 4.8W/M 12V STRIP IP67

	CODE	2M	5M	10M	11-20M	21-30M	31-40M	41-50M
LED Strip	**RVA96X06730**	1	1	1	2	3	4	5
Single Colour Controller	**RVACCT1-CRTL**	1	1	1	1	1	1	1
Single Colour Amplifier	**RVACCT1-AMP**	0	0	0	1	2	3	4
24V CV Non-Dim LED Driver 50W IP67	**RVA6024IP67N-PSU**	1	1	1	2	3	4	5
IP Rated Box	**RVBIP2**	1	1	1	2	3	4	5

LED FLEXI-STRIP
VEGAS 24V RGB LED

HOW TO CONNECT 12V/24V VEGAS RGB LED FLEXI-STRIP WITH CONTROLLER AND POWER SUPPLY

Note: The signal to the amp can come from any part of the system where the RGB and common are available.

EXAMPLE INSTALLATION RGB CONTROLLER - 5M VEGAS RGB IP20 7.2W/M 12V STRIP

	CODE	2M	5M	10M	11-15M	16-20M	21-25M	26-30M
LED Strip	RVA72RGB2050	1	1	2	3	4	5	6
RGB Controller	RVARGB-CRTL	1	1	1	1	1	1	1
RGB Amplifier	RVARGB-AMP	0	0	1	2	3	4	5
12V CV Non-Dim LED Driver 30W	RVA3012-PSU	1	0	0	0	0	0	0
12V CV Non-Dim LED Driver 60W	RVA6012-PSU	0	1	2	3	4	5	6
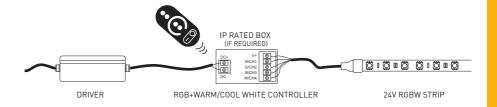
EXAMPLE INSTALLATION RGB CONTROLLER - 5M VEGAS RGB IP20 14.4W/M 24V STRIP

	CODE	2M	5M	10M	11-15M	16-20M	21-25M	26-30M
LED Strip	RVA14RGB2050	1	1	2	3	4	5	6
RGB Controller	RVARGB-CRTL	1	1	1	1	1	1	1
RGB Amplifier	RVARGB-AMP	0	0	1	2	3	4	5
24V CV Non-Dim LED Driver 30W	RVA3024-PSU	1	0	0	0	0	0	0
24V CV Non-Dim LED Driver 100W	RVA10024-PSU	0	1	2	3	4	5	6
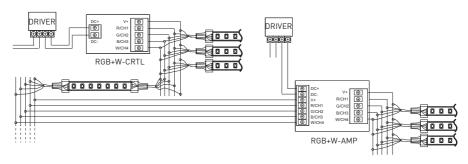
EXAMPLE INSTALLATION RGB CONTROLLER - 5M VEGAS RGB 7.2W/M 12V STRIP IP67

	CODE	2M	5M	5-10M	11-15M	16-20M	21-25M	26-30M
LED Strip	RVA72RGB6730	1	1	2	3	4	5	6
RGB Controller	RVARGB-CRTL	1	1	1	1	1	1	1
RGB Amplifier	RVARGB-AMP	0	0	1	2	3	4	5
12V CV Non-Dim LED Driver 60W IP67	RVA6012IP67N-PSU	1	1	2	3	4	5	6
IP Rated Box	RVBIP2	1	1	2	3	4	5	6

EXAMPLE INSTALLATION RGB CONTROLLER - 5M VEGAS RGB 14.4W/M 24V STRIP IP67

	CODE	2M	5M	5-10M	11-15M	16-20M	21-25M	26-30M
LED Strip	RVA14RGB6730	1	1	2	3	4	5	6
RGB Controller	RVARGB-CRTL	1	1	1	1	1	1	1
RGB Amplifier	RVARGB-AMP	0	0	1	2	3	4	5
24V CV Non-Dim LED Driver 60W IP67	RVA6024IP67N-PSU	1	0	0	0	0	0	0
24V CV Non-Dim LED Driver 100W IP67	RVA10024IP67-PSU	0	1	2	3	4	5	6
IP Rated Box	RVBIP2	1	1	2	3	5	5	6

LED FLEXI-STRIP
VEGAS 24V RGBW LED

**HOW TO CONNECT 24V VEGAS RGBW LED FLEXI-STRIP
WITH CONTROLLER AND POWER SUPPLY**

DRIVER   RGB+WARM/COOL WHITE CONTROLLER   24V RGBW STRIP

Note: The signal to the amp can come from any part of the system where the RGBW and common are available.

EXAMPLE INSTALLATION RGBW CONTROLLER - 5M VEGAS RGBW 12W/M 24V STRIP IP67

	CODE	2M	5M	5-10M	11-15M	16-20M	21-25M	26-30M
LED Strip	**RVA12RBW6710-x0**	1	1	2	3	4	5	6
RGBW Controller	**RVARGBW-CRTL**	1	1	1	1	1	1	1
RGBW Amplifier	**RVARGBW-AMP**	0	0	1	2	3	4	5
24V CV Non-Dim LED Driver 60W IP67	**RVA6024IP67N-PSU**	1	0	0	0	0	0	0
24V CV Non-Dim LED Driver 100W IP67	**RVA10024IP67-PSU**	0	1	2	3	4	5	6
IP Rated Box	**RVBIP2**	1	1	2	3	4	5	6

EXAMPLE INSTALLATION RGBW CONTROLLER - 5M VEGAS RGBW 12W/M 24V STRIP IP67

	CODE	2M	5M	5-10M	11-15M	16-20M	21-25M	26-30M
LED Strip	**RVA12RBW2030-x0**	1	1	2	3	4	5	6
RGBW Controller	**RVARGBW-CRTL**	1	1	1	1	1	1	1
RGBW Amplifier	**RVARGBW-AMP**	0	0	1	2	3	4	5
24V CV Non-Dim LED Driver 60W IP67	**RVA6024-PSU**	1	0	0	0	0	0	0
24V CV Non-Dim LED Driver 100W IP67	**RVA10024-PSU**	0	1	2	3	4	5	6

LED FLEXI-STRIP
VEGAS LED DRIVERS

15W 30W 60W 100W 180W

150W 250W 320W

VEGAS LED FLEXI-STRIP IP20 CONSTANT VOLTAGE NON-DIMMABLE DRIVERS

12V Non-Dimmable Drivers	15W	30W	60W	100W	180W
	RVA1512-PSU	RVA3012-PSU	RVA6012-PSU	RVA10012-PSU	RVA18012-PSU
Total Power (W):	15	30	60	100	180
Total Voltage (V):	12VDC	12VDC	12VDC	12VDC	12VDC
Weight (kg):	0.04	0.12	0.22	0.37	0.41

3 YRS WARRANTY | **IP 20** IP RATING | **OP 220 240** OPERATING VOLTAGE | **12DC** VOLTAGE | SAFETY CLASS

24V Non-Dimmable Drivers	15W	30W	60W	100W
	RVA1524-PSU	RVA3024-PSU	RVA6024-PSU	RVA10024-PSU
Total Power (W):	15	30	60	100
Total Voltage (V):	24VDC	24VDC	24VDC	24VDC
Weight (kg):	0.04	0.12	0.22	0.37

3 YRS WARRANTY | **IP 20** IP RATING | **OP 220 240** OPERATING VOLTAGE | **24DC** VOLTAGE | SAFETY CLASS

24V Non-Dimmable Drivers	150W	250W	320W
	RVA15024-PSU	RVA25024-PSU	RVA32024-PSU
Total Power (W):	150	250	320
Total Voltage (V):	24VDC	24VDC	24VDC
Weight (kg):	0.41	0.42	0.44

3 YRS WARRANTY | **IP 20** IP RATING | **OP 220 240** OPERATING VOLTAGE | **24DC** VOLTAGE | SAFETY CLASS

DIMENSIONS(mm)	Width	Length	Height
RVA1512-PSU	35	103	16
RVA3012-PSU	40	149	27
RVA6012-PSU	45	170	28
RVA10012-PSU	65	180	31
RVA18012-PSU	67	183	31
RVA1524-PSU	35	103	16
RVA3024-PSU	40	149	27
RVA6024-PSU	45	170	28
RVA10024-PSU	65	180	31
RVA15024-PSU	66	180	31
RVA25024-PSU	62	195	36
RVA32024-PSU	78	215	35

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LED FLEXI-STRIP
VEGAS LED DRIVERS

30W **50W** **75W**

VEGAS LED FLEXI-STRIP IP20 TRIAC DIMMABLE DRIVERS

12V Dimmable Drivers (dimmable with traditional wall mounted dimmer switch)	30W	50W	75W
	RVA3012DU-PSU	RVA5012DU-PSU	RVA7512DU-PSU
Total Power (W):	30	50	75
Total Voltage (V):	12VDC	12VDC	12VDC
Weight (kg):	0.12	0.21	0.3

3 YRS WARRANTY | **IP 20** IP RATING | **OP 220 240** OPERATING VOLTAGE | **12DC** VOLTAGE | DIMMABLE | SAFETY CLASS

24V Dimmable Drivers (dimmable with traditional wall mounted dimmer switch)	30W	50W	75W
	RVA3024DU-PSU	RVA5024DU-PSU	RVA7524DU-PSU
Total Power (W):	30	50	75
Total Voltage (V):	24VDC	24VDC	24VDC
Weight (kg):	0.12	0.21	0.3

3 YRS WARRANTY | **IP 20** IP RATING | **OP 220 240** OPERATING VOLTAGE | **24DC** VOLTAGE | DIMMABLE | SAFETY CLASS

DIMENSIONS(mm)	Width	Length	Height
RVA3012DU-PSU	46	158	18
RVA5012DU-PSU	46	158	18
RVA7512DU-PSU	56	170	31
RVA3024DU-PSU	46	158	18
RVA5024DU-PSU	46	158	18
RVA7524DU-PSU	59	170	31

Note: VEGAS dimmable drivers do not work with VEGAS CONNECT and PULSE CONNECT controllers

LED FLEXI-STRIP
VEGAS LED DRIVERS

60W **100W** **200W**

VEGAS LED FLEXI-STRIP IP67 CONSTANT VOLTAGE NON-DIMMABLE DRIVERS

12V Non-Dimmable Drivers	60W	100W	200W
	RVA6012IP67N-PSU	RVA10012IP67-PSU	RVA20012IP67-PSU
Total Power (W):	60	100	200
Total Voltage (V):	12VDC	12VDC	12VDC
Weight (kg):	0.53	0.58	0.80

3YRS WARRANTY | **IP** 67 IP RATING | **OP** 220 240 OPERATING VOLTAGE | **12DC** VOLTAGE | SAFETY CLASS

24V Non-Dimmable Drivers	60W	100W	200W
	RVA6024IP67N-PSU	RVA10024IP67-PSU	RVA20024IP67-PSU
Total Power (W):	60	100	200
Total Voltage (V):	24VDC	24VDC	24VDC
Weight (kg):	0.53	0.58	0.80

3YRS WARRANTY | **IP** 67 IP RATING | **OP** 220 240 OPERATING VOLTAGE | **24DC** VOLTAGE | SAFETY CLASS
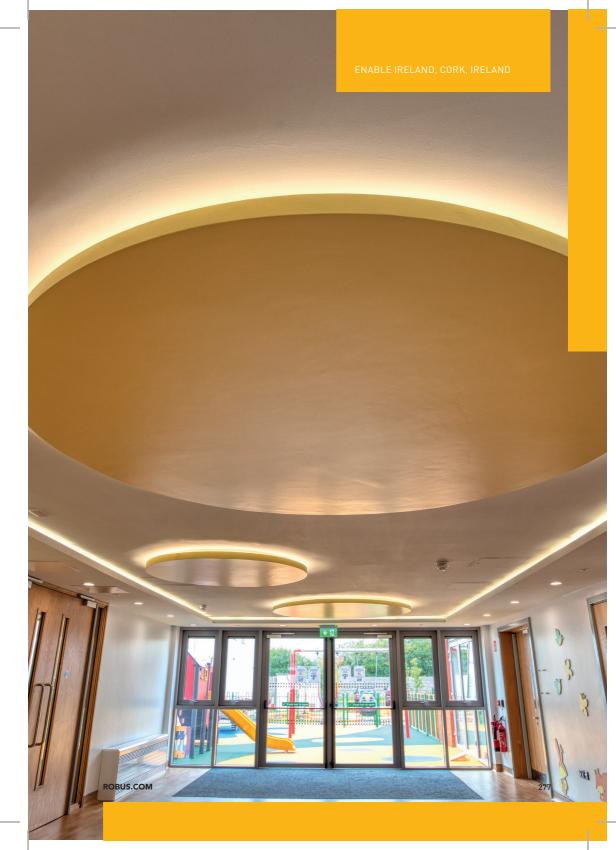
DIMENSIONS(mm)	Width	Length	Height
RVA6012IP67N-PSU	42	216	30
RVA10012IP67-PSU	46	212	38
RVA20012IP67-PSU	46	212	38
RVA6024IP67N-PSU	42	216	30
RVA10024IP67-PSU	46	212	38
RVA20024IP67-PSU	46	212	38

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LED FLEXI-STRIP
DRIVER COMPATIBILITY LIST

DRIVER COMPATIBILITY LIST FOR SINGLE COLOUR LED FLEXI-STRIP

CODE	DESCRIPTION	METERS PER DRIVER
DIMMABLE 12V, IP20 FOR SINGLE COLOUR 4.8W/M LED FLEXI-STRIP		
RVA3012DU-PSU	VEGAS 30W, 12V, IP20 driver, triac dimmable	1m – 6m
RVA5012DU-PSU	VEGAS 50W, 12V, IP20 driver, triac dimmable	7m – 10m
RVA7512DU-PSU	VEGAS 75W, 12V, IP20 driver, triac dimmable	11m – 15m
DIMMABLE 24V, IP20 FOR SINGLE COLOUR 9.6W/M LED FLEXI-STRIP		
RVA3024DU-PSU	VEGAS 30W, 24V, IP20 driver, triac dimmable	1m – 3m
RVA5024DU-PSU	VEGAS 50W, 24V, IP20 driver, triac dimmable	4m – 5m
RVA7524DU-PSU	VEGAS 75W, 24V, IP20 driver, triac dimmable	6m – 7m
DIMMABLE 24V, IP20 FOR SINGLE COLOUR 14W/M LED FLEXI-STRIP		
RVA3024DU-PSU	VEGAS 30W, 24V, IP20 driver, triac dimmable	1m-2m
RVA5024DU-PSU	VEGAS 50W, 24V, IP20 driver, triac dimmable	3m
RVA7524DU-PSU	VEGAS 75W, 24V, IP20 driver, triac dimmable	4m-5m

CODE	DESCRIPTION	METERS PER DRIVER
NON-DIMMABLE 12V, IP20 FOR SINGLE COLOUR 4.8W/M LED FLEXI-STRIP		
RVA1512-PSU	VEGAS 15W, 12V, IP20 constant voltage driver, non-dimmable	1m – 3m
RVA3012-PSU	VEGAS 30W, 12V, IP20 constant voltage driver, non-dimmable	4m – 6m
RVA6012-PSU	VEGAS 60W, 12V, IP20 constant voltage driver, non-dimmable	7m – 12m
RVA10012-PSU	VEGAS 100W, 12V, IP20 constant voltage driver, non dimmable	13m – 20m
RVA18012-PSU	VEGAS 180W, 12V, IP20 constant voltage driver, non dimmable	21m – 37m
NON-DIMMABLE 24V, IP20 FOR SINGLE COLOUR 9.6W/M LED FLEXI-STRIP		
RVA1524-PSU	VEGAS 15W, 24V, IP20 constant voltage driver, non-dimmable	1m
RVA3024-PSU	VEGAS 30W, 24V, IP20 constant voltage driver, non-dimmable	2m – 3m
RVA6024-PSU	VEGAS 60W, 24V, IP20 constant voltage driver, non-dimmable	4m – 6m
RVA10024-PSU	VEGAS 100W, 24V, IP20 constant voltage driver, non-dimmable	7m – 10m
RVA15024-PSU	VEGAS 150W, 24V, IP20 constant voltage driver, non dimmable	11m – 15m
RVA25024-PSU	VEGAS 250W, 24V, IP20 constant voltage driver, non dimmable	16m – 26m
RVA32024-PSU	VEGAS 320W, 24V, IP20 constant voltage driver, non dimmable	27m – 33m
NON- DIMMABLE 24V, IP20 FOR SINGLE COLOUR 14W/M LED FLEXI-STRIP		
RVA3024-PSU	VEGAS 30W, 24V, IP20 constant voltage driver, non-dimmable	1m-2m
RVA6024-PSU	VEGAS 60W, 24V, IP20 constant voltage driver, non-dimmable	3m-4m
RVA10024-PSU	VEGAS 100W, 24V, IP20 constant voltage driver, non-dimmable	5m-6m
RVA15024-PSU	VEGAS 150W, 24V, IP20 constant voltage driver, non dimmable	7m-10m
RVA25024-PSU	VEGAS 250W, 24V, IP20 constant voltage driver, non dimmable	11m-17m
RVA32024-PSU	VEGAS 320W, 24V, IP20 constant voltage driver, non dimmable	18m-21m

CODE	DESCRIPTION	METERS PER DRIVER
NON-DIMMABLE 12V, IP67 FOR SINGLE COLOUR 4.8 W/M LED FLEXI-STRIP		
RVA6012IP67N-PSU	VEGAS 60W, 12V, IP67 constant voltage driver, non-dimmable	1m – 12m
RVA10012IP67-PSU	VEGAS 100W, 12V, IP67 constant voltage driver, non-dimmable	13m – 20m
RVA20012IP67-PSU	VEGAS 200W, 12V, IP67 constant voltage driver, non-dimmable	21m – 41m
NON-DIMMABLE 24V, IP67 FOR SINGLE COLOUR 9.6 W/M LED FLEXI-STRIP		
RVA6024IP67N-PSU	VEGAS 60W, 24V, IP67 constant voltage driver, non-dimmable	1m – 6m
RVA10024IP67-PSU	VEGAS 100W, 24V, IP67 constant voltage driver, non-dimmable	7m – 10m
RVA20024IP67-PSU	VEGAS 200W, 24V, IP67 constant, voltage driver, non-dimmable	11m – 20m
NON- DIMMABLE 24V, IP67 FOR SINGLE COLOUR 14W/M LED FLEXI-STRIP		
RVA6024IP67N-PSU	VEGAS 60W, 24V, IP20 constant voltage driver, non-dimmable	1m-3m
RVA10024IP67-PSU	VEGAS 100W, 24V, IP20 constant voltage driver, non-dimmable	4m-6m
RVA20024IP67-PSU	VEGAS 150W, 24V, IP20 constant voltage driver, non dimmable	7m-13m

LED FLEXI-STRIP
DRIVER COMPATIBILTY LIST

DRIVER COMPATIBILITY LIST FOR RGB, RGBW LED FLEXI-STRIP

CODE	DESCRIPTION	METERS PER DRIVER
NON-DIMMABLE 12V, IP20 FOR RGB 7.2W/M LED FLEXI-STRIP		
RVA1512-PSU	VEGAS 15W, 12V, IP20 constant voltage driver, non-dimmable	1m – 2m
RVA3012-PSU	VEGAS 30W, 12V, IP20 constant voltage driver, non-dimmable	3m – 4m
RVA6012-PSU	VEGAS 60W, 12V, IP20 constant voltage driver, non-dimmable	5m – 8m
RVA10012-PSU	VEGAS 100W, 12V, IP20 constant voltage driver, non-dimmable	9m – 13m
RVA18012-PSU	VEGAS 180W, 12V, IP20 constant voltage driver, non-dimmable	14m – 25m
NON-DIMMABLE 24V, IP20 FOR RGB 14.4W/M LED FLEXI-STRIP		
RVA1524-PSU	VEGAS 15W, 24V, IP20 constant voltage driver, non-dimmable	1m
RVA3024-PSU	VEGAS 30W, 24V, IP20 constant voltage driver, non-dimmable	2m
RVA6024-PSU	VEGAS 60W, 24V, IP20 constant voltage driver, non-dimmable	3m – 4m
RVA10024-PSU	VEGAS 100W, 24V, IP20 constant voltage driver, non-dimmable	5m – 6m
RVA15024-PSU	VEGAS 150W, 24V, IP20 constant voltage driver, non-dimmable	7m –10m
RVA25024-PSU	VEGAS 250W, 24V, IP20 constant voltage driver, non-dimmable	11m – 17m
RVA32024-PSU	VEGAS 320W, 24V, IP20 constant voltage driver, non-dimmable	18m – 22m

CODE	DESCRIPTION	METERS PER DRIVER
NON-DIMMBLE 12V, IP67 FOR RGB 7.2W/M LED FLEXI-STRIP		
RVA6012IP67N-PSU	VEGAS 60W, 12V, IP67 constant voltage driver, non-dimmable	1m – 8m
RVA10012IP67-PSU	VEGAS 100W, 12V, IP67 constant voltage driver, non-dimmable	9m – 13m
RVA20012IP67-PSU	VEGAS 200W, 12V, IP67 constant voltage driver, non-dimmable	14m – 26m
NON-DIMMABLE 24V, IP67 FOR RGB 14.4W/M LED FLEXI-STRIP		
RVA6024IP67N-PSU	VEGAS 60W, 24V, IP67 constant voltage driver, non-dimmable	1m – 4m
RVA10024IP67-PSU	VEGAS 100W, 24V, IP67 constant voltage driver, non-dimmable	5m – 6m
RVA20024IP67-PSU	VEGAS 200W, 24V, IP67 constant voltage driver, non-dimmable	7m – 13m

CODE	DESCRIPTION	METERS PER DRIVER
NON-DIMMABLE 24V, IP20 FOR RGBW 12W/M LED FLEXI-STRIP		
RVA1524-PSU	VEGAS 15W, 24V, IP20 constant voltage driver, non-dimmable	1m
RVA3024-PSU	VEGAS 30W, 24V, IP20 constant voltage driver, non-dimmable	2m
RVA6024-PSU	VEGAS 60W, 24V, IP20 constant voltage driver, non-dimmable	3m – 5m
RVA10024-PSU	VEGAS 100W, 24V, IP20 constant voltage driver, non-dimmable	6m – 8m
RVA15024-PSU	VEGAS 150W, 24V, IP20 constant voltage driver, non-dimmable	9m – 12m
RVA25024-PSU	VEGAS 250W, 24V, IP20 constant voltage driver, non-dimmable	13m – 20m
NON-DIMMABLE 24V, IP67 FOR RGBW 12W/M LED FLEXI-STRIP		
RVA6024IP67N-PSU	VEGAS 60W, 24V, IP67 constant voltage driver, non-dimmable	1m – 5m
RVA10024IP67-PSU	VEGAS 100W, 24V, IP67 constant voltage driver, non-dimmable	6m – 8m
RVA20024IP67-PSU	VEGAS 200W, 24V, IP67 constant voltage driver, non-dimmable	7m – 16m

(DD)   DALI Dimmable option available via conversions for 24V VEGAS

LED FLEXI-STRIP
VEGAS LED CONTROLLERS

VEGAS CONTROLLER SINGLE COLOUR

- Single colour dimming controller
- C/w hand held remote
- Hand held remote can operate from a distance of 8m
- Use with VEGAS LED drivers
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24VDC
- Current: 6A x 3 channel
- Connection mode: Common Anode
- Only required for dimmable operations

VEGAS CONTROLLER RGB

- Colour changing and dimming RGB controller
- C/w hand held remote
- Hand held remote can operate from a distance of 8m
- Use with VEGAS LED drivers
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24VDC
- Current: 10A x 3 channel
- Connection mode: Common Anode

VEGAS CONTROLLER RGBW

- Colour changing and dimming RGBW controller
- C/w hand held remote
- Hand held remote can operate from a distance of 8m
- Use with VEGAS LED drivers
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24V
- Current: 6A x 4 channel
- Connection mode: Common Anode

DIMENSIONS(mm)	Width	Length	Height
RVACCT1-CRTL	83	82	33
RVARGB-CRTL	83	82	33
RVARGBW-CRTL	92	91	24

	Single Colour	RGB	RGBW
	RVACCT1-CRTL	RVARGB-CRTL	RVARGBW-CRTL
Total Power (W):	432	432	288-576
Voltage:	12-24VDC	12-24VDC	12-24VDC
Weight (kg):	0.3	0.3	0.3

3 YRS WARRANTY

12–24 DC VOLTAGE

IP 20 IP RATING

III SAFETY CLASS

Note: Single Colour/RGB/RGBW controllers, remote controls and wall plates can be "paired" so they won't effect other systems in the same area

Note: VEGAS dimmable drivers do not work with VEGAS CONNECT and PULSE CONNECT controllers

LED FLEXI-STRIP
VEGAS LED WALL PANEL CONTROLLERS

VEGAS WALL PANEL CONTROLLER, SINGLE COLOUR

- Complete with wall mounted touch panel
- Max. distance between wall panel and controller of up to 20m
- Use with VEGAS range of drivers
- Current: 3 channels x 10A
- Connection mode: common anode

VEGAS WALL PANEL CONTROLLER, RGB

- Complete with wall mounted touch panel
- Max. distance between wall panel and controller of up to 20m
- Use with VEGAS range of drivers
- Current: 3 channels x 10A
- Connection mode: common anode

VEGAS WALL PANEL CONTROLLER, RGB + WHITE

- Complete with wall mounted touch panel
- Max. distance between wall panel and controller of up to 20m
- Use with VEGAS range of drivers
- Current: 4 channels x 8A
- Connection mode: common anode

DIMENSIONS(mm)	Width	Length	Height
Single Colour Controller	70	91	24
Single Colour Wall Panel	86	86	34
RGB Controller	70	70	24
RGB Wall Panel	86	86	34
RGBW Controller	70	91	24
RGBW Wall Panel	86	86	34

	Single Colour **RVACCT1-WP**	RGB **RVARGB-WP**	RGBW **RVARGBW-WP**
	Controller	**Controller**	**Controller**
Total Power (W):	720	720	384-768
Total Voltage (V):	12-24VDC	12-24VDC	12-24VDC
Weight (kg):	0.34	0.34	0.34
	Wall Panel	**Wall Panel**	**Wall Panel**
Total Voltage (V):	110-240VDC	110-240VDC	110-240VDC
Weight (kg):	0.3	0.3	0.3

3 YRS WARRANTY	12–24 DC VOLTAGE	IP 20 IP RATING	III SAFETY CLASS

LED FLEXI-STRIP
VEGAS LED CONTROLLER & RECEIVER

VEGAS 384W 4 CHANNEL RECEIVER FOR SINGLE COLOUR, RGB & RGBW

- 4 channel receiver suitable for entire VEGAS range
- For use with RVA4Z-RC remote controller
- 4 independently programmable zones allowing complex lighting scenes
- 2.4GHz RF technology providing up to 20m operation range
- Pulse Width Modulation dimming technology
- 12/24V DC supply and output voltage
- Max 6A x 4 channel, 288W/576W

	RVA4CH-REC
Weight (kg):	0.1

3 YRS WARRANTY	IP 20 IP RATING	12–24 DC VOLTAGE	III SAFETY CLASS

VEGAS 4 ZONES, RF REMOTE CONTROL FOR SINGLE COLOUR, RGB & RGBW

- Remote control suitable for entire VEGAS range
- 4 independently programmable zones allowing complex lighting scenes
- 2.4GHz RF technology providing up to 20m operation range
- Pulse Width Modulation dimming technology
- Requires 2xAAA battery (not supplied)

	RVA4Z-RC
Weight (kg):	0.1

3 YRS WARRANTY	IP 20 IP RATING	III SAFETY CLASS

DIMENSIONS(mm)	Width	Length	Height
RVA4Z-RC	40	150	20
RVA4CH-REC	46	160	25

LED FLEXI-STRIP
VEGAS LED AMPLIFIERS

VEGAS AMPLIFIER SINGLE COLOUR

- Signal amplifier for synchronous operation over long distance
- Use with ROBUS VEGAS LED drivers
- Only required when single colour flex-strip is dimmed for systems over 10m
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24VDC
- Current: 6A x 2 channel
- Connection mode: Common Anode

VEGAS AMPLIFIER – RGB & RGBW

- Signal amplifier for synchronous operation over long distance
- Use with ROBUS VEGAS LED drivers
- Required for lengths longer than 5m RGB
- IP rated enclosure available (RVBIP2)
- Working voltage: 12-24VDC
- Current: 6A x 2 Channel output power 216/432W
- Connection mode: Common Anode

Single Colour	RVA4CCT1-AMP
Output Power (W):	144/288
Voltage (V):	12-24VDC
Weight (kg):	0.13

3 YRS ✔ WARRANTY	**IP 20** IP RATING	**12–24 DC** VOLTAGE	III SAFETY CLASS

RGB	RVARGB-AMP
Total Power (W):	216/432
Voltage:	12-24VDC
Weight (kg):	0.1
RGBW	**RVARGBW-AMP**
Output Power (W):	768
Voltage:	12-24VDC
Weight (kg):	0.22

3 YRS ✔ WARRANTY	**IP 20** IP RATING	**12–24 DC** VOLTAGE	III SAFETY CLASS

DIMENSIONS(mm)	Width	Length	Height
RVACCT1-AMP	73	80	34
RVARGB-AMP	73	80	34
RVARGBW-AMP	92	94	24

LED FLEXI-STRIP
VEGAS LED FLEXI-STRIP WIFI CONTROLLERS

CCT1 CCT2 RGB RGBW ROBUS connect

Single Colour

- Single Colour dimming controller
- Controlled by ROBUS CONNECT App via WiFi
- Use with ROBUS VEGAS range of drivers
- IP rated enclosure available: RVBIP2
- Voltage: 12-24VDC
- Current: 10A x 1 Channel
- Connection mode: common anode

	RVACCT1-WIFI
Total Power (W):	120/240
Weight (kg):	0.15

RGB

- Colour changing and dimming RGB controller
- Controlled by ROBUS CONNECT App via WIFI
- Use with ROBUS VEGAS range of drivers
- IP rated enclosure available: RVBIP2
- Voltage: 12-24VDC
- Current: 5A x 3 Channel – Max: 10A
- Connection mode: common anode

	RVARGB-WIFI
Total Power (W):	120/240
Weight (kg):	0.15

Tunable White

- Colour changing and dimming CCT2 Tunable controller
- Controlled by ROBUS CONNECT App via WIFI
- Use with ROBUS VEGAS range of drivers
- IP rated enclosure available: RVBIP2
- Voltage: 12-24VDC
- Current: 5A x 2 Channel – Max: 10A
- Connection mode: common anode

	RVACCT2-WIFI
Total Power (W):	120/240
Weight (kg):	0.15

RGBW

- Colour changing and dimming RGBW controller
- Controlled by ROBUS CONNECT App via WIFI
- Use with ROBUS VEGAS range of drivers
- IP rated enclosure available: RVBIP2
- Voltage: 12-24VDC
- Current: 5A x 4 Channel – Max: 10A
- Connection mode: common anode

	RVARGBW-WIFI
Total Power (W):	120/240
Weight (kg):	0.15

3 YRS WARRANTY	IP 20 IP RATING	12–24 DC VOLTAGE	III SAFETY CLASS	2.4GHz WIFI ENABLED	VOICE CONTROL	NO HUB REQUIRED NO HUB REQUIRED

DIMENSIONS(mm)	Width	Depth	Length
RVACCT1-WIFI	45	23	85
RVACCT2-WIFI	45	23	85
RVARGB-WIFI	45	23	85
RVARGBW-WIFI	45	23	85

LED FLEXI-STRIP
VEGAS LED ACCESSORIES

VEGAS 20AWG 2 Cores DC lines Wire for single colour LED Strip

Single Colour	RVACCT1W50
Reel Length (M):	50
Weight (kg):	0.12

VEGAS 22AWG 4 Cores DC lines Wire for RGB LED strip

RGB	RVARGBW50
Reel Length (M):	50
Weight (kg):	0.19

VEGAS 22WAG 5 Cores DC lines Wire for RGBW LED strip

	RVARGBWW50
Reel Length (M):	50
Weight (kg):	0.17

VEGAS Static Bag and Strip Reel

RVAST-S	VEGAS Static Bag for 7' LED Strip reel
RVAR-S	VEGAS LED Strip Reel, 7'*12mm

LED FLEXI-STRIP
VEGAS LED ACCESSORIES

"L" connectors (pack of 3 pcs)

RVA48L-CONN	4.8W/m 12V Single Colour IP20
RVARGBL-CONN	7.2W/m 12V, 14.4W/m 24V RGB, IP20
RVARGBWL-CONN	12W/m 24V RGBW IP20

IP
20
IP RATING

"T" connectors (pack of 3 pcs)

RVA48T-CONN	4.8W/m 12V Single Colour IP20
RVARGBT-CONN	7.2W/m 12V, 14.4W/m 24V RGB IP20
RVARGBWT-CONN	12W/m 24V RGBW IP20

IP
20
IP RATING

"X" connectors (pack of 3 pcs)

RVA48X-CONN	4.8W/m 12V Single Colour IP20
RVARGBX-CONN	7.2W/m 12V, 14.4W/m 24V RGB IP20
RVARGBWX-CONN	12W/m 24V RGBW IP20

IP
20
IP RATING

Please note our connector range, RVAXX-CX + RVAXX-CONN are not compatible with our range of aluminium extrusions, only compatible with REXR522-23

VEGAS IP rated box, small

Small	**RVBIP1**
Large	**RVBIP2**
Weight (kg):	0.1

3 YRS WARRANTY

IP 20 IP RATING

DIMENSIONS(mm)	Width	Length	Height
RVBIP1 (Small)	65	94	55
RVBIP2 (Large)	153	152	78

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LED FLEXI-STRIP
VEGAS LED CCT2 ACCESSORIES

RVA67-G

RVACCT2-C

RVACCT2-C1

RVACCT2-C2

RVA67CCT2-C, RVA67CCT2-C1, RVA67CCT2-C2

RVA67-H

RVA67RGBW-EC

VEGAS LED FLEXI-STRIP CCT2 CLIP CONNECTORS

		Enforced Pack QTY
RVACCT2-C	VEGAS Easy Clip Connectors for CCT2 Tunable 12V/24V IP20, Strip-to-strip, without wires	10
RVACCT2-C1	VEGAS Easy Clip Connectors for CCT2 Tunable 12V/24V IP20, Strip-to-driver, with 150mm wire	10
RVACCT2-C2	VEGAS Easy Clip Connectors for CCT2 Tunable 12V/24V IP20, Strip-to-strip, with 150mm wire	10
RVA67CCT2-C	VEGAS Easy Clip Connector pack for 12V and 24V CCT2 Tunable IP67 LED Strip, Strip-to-strip Connector without wires	10
RVA67CCT2-C1	VEGAS Easy Clip Connector pack for 12V and 24V CCT2 Tunable IP67 LED Strip, Strip-to-driver Connector without wires	10
RVA67CCT2-C12	VEGAS EASY CLIP CONNECTOR FOR 12V and 24V CCT2 Tunable IP67 LED Strip, Strip-to-driver, with 2000mm	10
RVA67CCT2-C2	VEGAS Easy Clip Connector pack for 12V and 24V CCT2 Tunable IP67 LED Strip / Strip-to-strip Connector with 150mm	10
RVA67RGBW-EC	VEGAS Easy Clip Connect Pack for 12V/24V CCT2 Tunable IP67 LED Strip/ 5 End Caps and 10 Clips	10
RVA67-G	VEGAS Glue for IP67 LED Strip Connectors	1
RVA67-H	VEGAS Heat Shrink for IP67 LED Strip Connectors	10

Please note our connector range, RVAXX-CX + RVAXX-CONN are not compatible with our range of aluminium extrusions, only compatible with REXR522-23

VEGAS LED IP20 & IP67 ACCESSORIES

RVA48-C1

RVA96-C2

RVA96-C1

RVA96-C

RVA48-C2

RVA48-C

VEGAS LED FLEXI-STRIP IP20 CLIP CONNECTORS

		Enforced Pack QTY
RVA48-C	VEGAS Easy Clip Connect for 4.8W/12V CCT1 IP20/Strip-to-strip, without wires	10
RVA48-C1	VEGAS Easy Clip Connect for 4.8W/12V CCT1 IP20/Strip-to-driver, with 150mm	10
RVA48-C2	VEGAS Easy Clip Connect for 4.8W/12V CCT1 IP20/Strip-to-strip, with 150mm wire	10
RVA48-C12	VEGAS Easy Clip Connect for 4.8W/12V CCT1 IP20/Strip-to-driver, with 2000mm	10
RVA96-C	VEGAS EEasy Clip Connect for 9.6W/24V CCT1 IP20/Strip-to-strip, without wires	10
RVA96-C1	VEGAS Easy Clip Connect for 9.6W/24V CCT1 IP20/Strip-to-driver, with 150mm	10
RVA96-C2	VEGAS Easy Clip Connect for 9.6W/24V CCT1 IP20/Strip-to-strip, with 150mm wire	10
RVA96-C12	VEGAS Easy Clip Connect for 9.6W/24V CCT1 IP20/Strip-to-driver, with 2000mm	10
RVARGB-C	VEGAS Easy Clip Connect for RGB 12V/24V IP20/Strip-to-strip, without wire	10
RVARGB-C1	VEGAS Easy Clip Connect for RGB 12V/24V IP20/Strip-to-driver, with 150mm	10
RVARGB-C2	VEGAS Easy Clip Connect for RGB 12V/24V IP20/Strip-to-strip, with 150mm wire	10
RVARGBW-C	VEGAS Easy Clip Connect for RGBW 24V IP20/Strip-to-strip, without wires	10
RVARGBW-C1	VEGAS Easy Clip Connect for RGBW 24V IP20/Strip-to-driver, with 150mm	10
RVARGBW-C2	VEGAS Easy Clip Connect for RGBW 24V IP20/Strip-to-strip, with 150mm wire	10
RVA48-C12	VEGAS Easy Clip Connect for 4.8W/12V CCT1 IP20/Strip-to-driver,with 2000MM	10

Please note our connector range, RVAXX-CX + RVAXX-CONN are not compatible with our range of aluminium extrusions, only compatible with REXR522-23

LED FLEXI-STRIP
VEGAS LED IP20 & IP67 ACCESSORIES

RVA67RGBN-C

L-Strip Connector

RVA67RGBN-C1   RVA67RGBN-C2   RVA67-H

RVA67-EC / RVA67RGBW-EC

RVA67-G
Glue
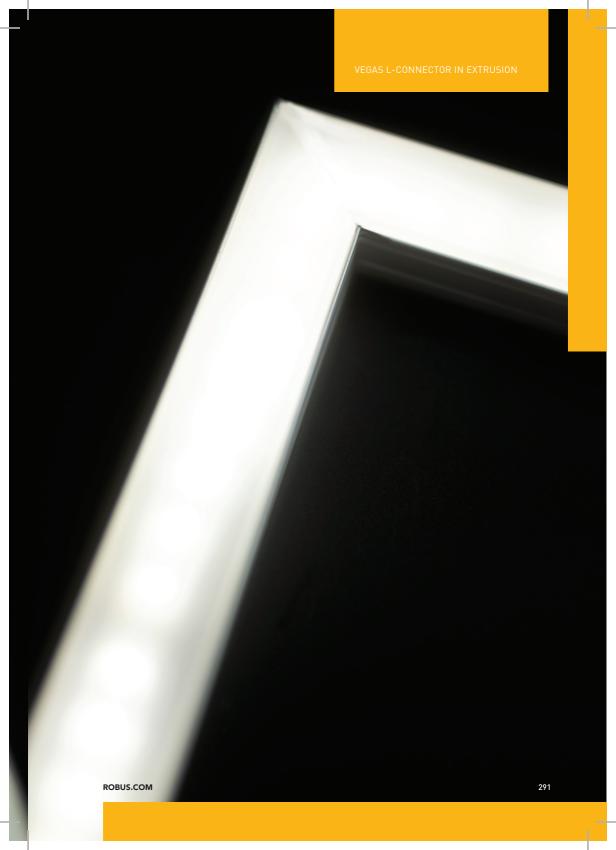
VEGAS LED FLEXI-STRIP IP67 CLIP CONNECTORS

		Enforced Pack QTY
RVA67-EC	VEGAS Easy clip accessories for 12V/24V CCT1 IP67 LED Strip / 5 End Caps 10 Clips	1
RVA67RGBW-EC	VEGAS Easy clip accessories for 24V RGB & RGBW IP67 LED Strip / 5 End Caps 10 Clips	1
RVA67-G	VEGAS Glue for IP67 LED Strip Connectors	1
RVA67-H	VEGAS Heat Shrink for IP67 LED Strip Connectors	10
RVA67N-C	VEGAS Easy clip connector pack for 12V/24V Single Colour IP67 LED Strip, Strip-to-strip Connector without wires	10
RVA67N-C1	VEGAS Easy clip connector pack for 12V/24V Single Colour IP67 LED Strip, Strip-to-driver with 150mm	10
RVA67N-C12	VEGAS Easy clip connector pack for 12V/24V Single Colour IP67 LED Strip, Strip-to-driver with 2000mm	10
RVA67N-C2	VEGAS Easy clip connector pack for 12V/24V SINGLE COLOUR IP67 LED Strip, Strip-to-strip, with 150mm	10
RVA67RGBN-C	VEGAS Easy clip connector for 12V/24V RGB IP67 LED Strip, Strip-to-strip, without wires	10
RVA67RGBN-C1	VEGAS Easy clip connector for 12V/24V RGB IP67 LED STRIP, Strip-to-driver with 150mm	10
RVA67RGBN-C12	VEGAS Easy clip connector for 12V/24V RGB IP67 LED Strip, Strip-to-driver, with 2000mm	10
RVA67RGBN-C2	VEGAS Easy clip connector for 12V/24V RGB IP67 LED Strip, Strip-to-strip, with 150mm	10
RVA67RGBWN-C	VEGAS Easy clip connector for 24V RGBW IP67 LED Strip, Strip-to-strip, without wires	10
RVA67RGBWN-C1	VEGAS Easy clip connector for 24V RGBW IP67 LED Strip, Strip-to-driver, with 150mm	10
RVA67RGBWN-C12	VEGAS Easy clip connector for 24V RGBW IP67 LED Strip, Strip-to-driver, with 2000mm	10
RVA67RGBWN-C2	VEGAS Easy clip connector for 24V RGBW IP67 LED Strip, Strip-to-strip, with 150mm	10
RVA4830LC-L	VEGAS Easy clip "L-STRIP LEFT" Connector 4.8W / 12V 3000K Priced per 1pc	10
RVA4830LC-R	VEGAS Easy clip "L-STRIP RIGHT" Connector 4.8W / 12V 3000K Priced per 1pc	10
RVA4840LC-L	VEGAS Easy clip "L-STRIP LEFT" Connector 4.8W / 12V 4000K Priced per 1pc	10
RVA4840LC-R	VEGAS Easy clip "L-STRIP RIGHT" Connector 4.8W / 12V 4000K Priced per 1pc	10
RVA9630LC-L	VEGAS Easy clip "L-STRIP LEFT" Connector 9.6W / 24V 3000K Priced per 1pc	10
RVA9630LC-R	VEGAS Easy clip "L-STRIP RIGHT" Connector 9.6W / 24V 3000K Priced per 1pc	10
RVA9640LC-L	VEGAS Easy clip "L-STRIP LEFT" Connector 9.6W / 24V 4000K Priced per 1pc	10
RVA9640LC-R	VEGAS Easy clip "L-STRIP RIGHT" Connector 9.6W / 24V 4000K Priced per 1pc	10

Please note our connector range, RVAXX-CX + RVAXX-CONN are not compatible with our range of aluminium extrusions, only compatible with REXR522-23

LED FLEXI-STRIP
MACAU 24V COB STRIP

14 W/m

LINX

ROBUS connect

FEATURES:

- MACAU Chip-On-Board LED flexi-strip with 3M™ self-adhesive tape
- Dot-less smooth light effect
- Power consumption of 14.7W/m
- Cutting points every 45mm
- Requires 24V LED driver (sold separately)
- Voltage drop of 2.6V per 10m and maximum continuous run of 5m
- For runs over 5m individual lengths should be connected in parallel
- High CRI of 90

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**24DC** VOLTAGE	**MAX ▶ 5M ◀** MAX LENGTH	**IP 20/67** IP RATING	**120 LEDs/M** LEDS PER METER	**120°** BEAM ANGLE	**3000K 4000K** CCT	**4.5CM** CUTTING POINTS	**III** SAFETY CLASS

DIMENSIONS (mm)	Length	Width	Height
RMU1420-30	20,000	10	1
RMU1420-40	20,000	10	1
RMU1467-30	20,000	12	4
RMU1467-40	20,000	12	4

COB
★ ★ ★ ★ ★
ChipOnBoard

Scan here for more product information

LED FLEXI-STRIP
MACAU 24V COB STRIP

Standard	RMU1420-30	RMU1420-40	RMU1467-30	RMU1467-40
Cut to Length	RMU1420-30CUT	RMU1467-30CUT	RMU1467-40CUT	RMU1420-40CUT
	Warm White	Neutral White	Warm White	Neutral White
	Non-Waterproof	Non-Waterproof	Waterproof	Waterproof
Total Power (W/m):	13.6	13.7	13.1	13.4
Total Voltage (V):	24	24	24	24
Total Light Output (lm/m):	1,200	1,410	1,140	1,230
CCT (K):	3000	4000	3000	4000
CRI (Ra):	90	90	90	90
Weight per 1m (kg):	0.01	0.01	0.08	0.08
Reel (m):	20	20	20	20
	G A-G	F A-G	G A-G	G A-G

MACAU LED IP20 & IP67 ACCESSORIES

RMU-C1   RMU-C2

RMU-C

RMU67-C1   RMU67-C2

RMU67-C

RVA67-G Glue

RVA67-H Heat shrink

		Enforced Pack QTY
RMU-C	MACAU Easy clip connector for COB 24V IP20, Strip-to-strip, without wires	10
RMU-C1	MACAU Easy clip connector for COB 24V IP20, Strip-to-driver, with 150mm	10
RMU-C2	MACAU Easy clip connector for COB 24V IP20, Strip-to-strip, with 150mm	10
RMU67-C	MACAU Easy clip connector for COB 24V IP67, Strip-to-strip, without wires	10
RMU67-C1	MACAU Easy clip connector for COB 24V IP67, Strip-to-driver, with 150mm	10
RMU67-C12	MACAU Easy clip connector for COB 24V IP67 Strip-to-driver, with 2000mm	10
RMU67-C2	MACAU Easy clip connector for COB 24V IP67, Strip-to-driver, with 150mm wire	10

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LED FLEXI-STRIP
ATLANTIC AC STRIP

8W/m **NEW!**

CONSTRUCTION:
- Full PVC construction

FEATURES:
- Full PVC construction with IP65 rating and high UV resistance making it suitable for indoor and outdoor applications
- Driverless design with on-board constant current IC driver and rectifier for direct 220-240V AC power supply - no need for additional drivers
- Over-voltage, over-current and over temperature protection with on-board IC driver
- Maximum run length of 50m with cut points every 20cm
- Available through the Cut to Length service offered by the ROBUS Conversions team
- AC Strip that passes EMC class C harmonics at wattages >25W

3 YRS WARRANTY	30,000 HRS RATED HOURS	101–105 LmW LUMENS PER W	IK 08 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	110° BEAM ANGLE	3000K 4000K CCT	SAFETY CLASS

Sold as 50m Reels & Cut to Bespoke Lengths via Conversions	**RAA8306550-CUT**	**RAA8406550-CUT**
	Warm White	Neutral White
	Waterproof	Waterproof
Total Power (W/m):	8.3	8.1
Total Voltage (V):	230	230
Total Light Output (lm/m):	840	850
CCT (K):	3000	4000
CRI (Ra):	90	90
Weight per 1m (kg):	0.14	0.14
Reel (m):	50	50

Only available via Customised Conversions

CUSTOMISED CONVERSIONS

DIMENSIONS (mm)	Length	Width	Height
RAA8306550-CUT	50,000	17	7
RAA8406550-CUT	50,000	17	7
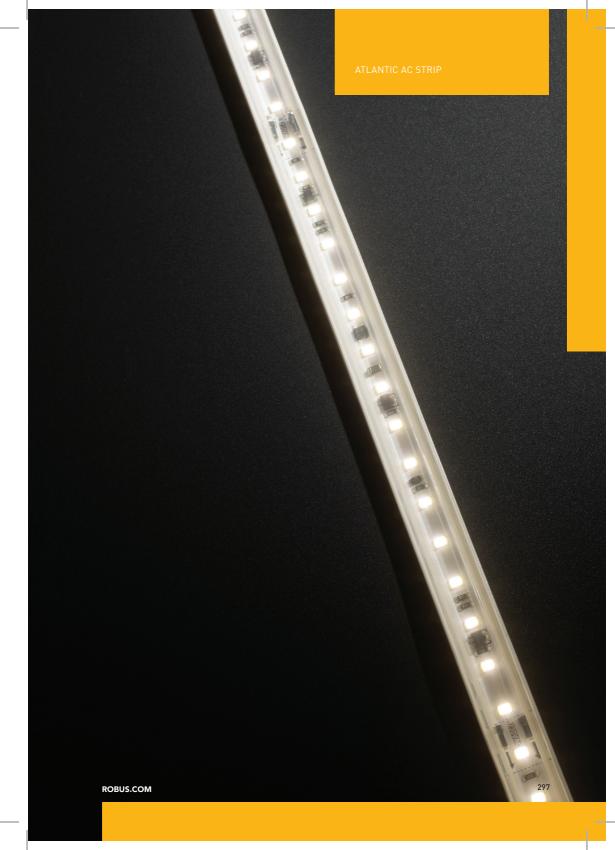
Mounting Bracket accessory for AC Strip

LED FLEXI-STRIP
PULSE 12VDC LED FLEXI-STRIP

24W **RGB**

FEATURES:

- Nothing else required
- No tools needed to install
- Has 24 modes of operation built into it
- Remotely dim, brighten, change the colours and colour changing effects with a simple press of a button
- Complete kit with total plug and play connectivity
- 5 metres cuttable RGB flexi-strip with integral adhesive tape and clips
- Pre – programmed RGB controller
- 36W regulated 12 VDC constant voltage driver

2 YRS	**30,000** HRS	**IP 20**	**OP 220 240**	3500K 5000K RGB	
WARRANTY	RATED HOURS	IP RATING	OPERATING VOLTAGE	CCT	SAFETY CLASS

	Warm White	Cool White	RGB
	R5MSIK-WW	**R5MSIK-CW**	**R5MSIK-RGB**
Total Power (W):	24	24	24
Total Light Output (lm):	1,250	1,500	N/A
CCT (K):	3500	5000	N/A
CRI (Ra):	70	70	70
Power Factor (PF):	0.7	0.7	0.7
Weight (kg):	0.3	0.3	0.3
Reel (m):	5	5	5

DIMENSIONS(mm)	Length	Depth
R5MSIK-WW	5,000	10
R5MSIK-CW	5,000	10
R5MSIK-RGB	5,000	10

RGB – Hand Held Remote   Driver

Note: It is not recommended to join PULSE flexi-strip. Off-cuts cannot be re-used as power supply units are not available separately. ROBUS VEGAS flexi-strip should be used if joining or use of off-cuts with power supply units are required.

Scan here for more product information

RGB – Infra Red Receiver

LED FLEXI-STRIP
PULSE 12VDC LED PIR

FEATURES:

- Suitable for use with Pulse LED strip light kits
- Detection angle of 100ø
- Time delay 10min, lux setting 15lux
- Maximum mounting height of 5m
- Maximum detection range 3m
- Operating voltage of 12-24V DC
- Complete with mounting screws and 3M double sided adhesive
- Wide operating temperature range of -20°C to +40°C

2 YRS	**IP 20**	**12–24 DC**	**OP 220 240**	**III**
WARRANTY	IP RATING	VOLTAGE	OPERATING VOLTAGE	SAFETY CLASS

	RPURIR-01
Loading (W):	72
Time Settings :	10 mins
Lux Settings :	15lx
Detection Area :	100°
Motion Detection Area:	3m diameter at 5m
Weight (kg):	0.1

Scan here for more product information

LED FLEXI-STRIP
PULSE CONNECT

96W **CCT1** **RGB** ROBUS connect

PULSE CONNECT 96W WI-FI CONTROLLER IP20 SINGLE COLOUR AND RGB

This WIFI Single Colour or RGB Dimming Controller works with a selection of ROBUS PULSE LED Flexi-strip drivers and LED Flexi-strip. Once wired, simply attach the ROBUS PULSE LED Flexi-strip to any surface you desire – under cabinets, window displays, kitchen islands etc. Control multiple controllers at once using the ROBUS CONNECT App.

Icon	Label
3 YRS	WARRANTY
30,000 HRS	RATED HOURS
IP 20	IP RATING
OP 100 240	OPERATING VOLTAGE
CCT1 RGB	CCT
	DIMMABLE
	VOICE CONTROL
NO HUB REQUIRED	NO HUB REQUIRED
III	SAFETY CLASS
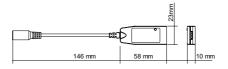
	R5MCCT1-WIFI	R5MRGB-WIFI
Total Power (W):	<1	<1
Weight (kg):	0.02	0.02
Box Qty:	1	1

DIMENSIONS (mm)	Length	Width	Height
R5MCCT1-WIFI	204	23	10
R5MRGB-WIFI	204	23	10

23mm

146 mm   58 mm   10 mm

Scan here for more product information

Single colour   RGB

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LED FLEXI-STRIP
PULSE CONNECT STRIPKIT

| 23W | CCT2 | RGBW | ROBUS connect |

PULSE CONNECT 5M IP20 LED STRIPKIT – CCT2 TUNABLE & RGBW (RGB+3000K)

Complete with 5M LED Flexi-strip, driver and WIFI controller, everything you need to get set up without buying any additional accessories. Available in Tunable White and RGBW, if you select the ROBUS RGBW PULSE LED Flexi-strip Kit, you will be able to create a classic under cabinet glow, a disco in the kitchen and any scene in between.

| 2 YRS WARRANTY | 30,000 HRS RATED HOURS | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | CCT2 RGBW CCT | DIMMABLE | VOICE CONTROL | NO HUB REQUIRED | SAFETY CLASS |

	R5MSIK-CCT2	**R5MSIK-RGBW**
Total Power (W):	22.9	22.4
Total Light Output (lm):	1,360-1,580	690
CCT (K):	2700-6500	RGB, White, 3000K
CRI (Ra):	70	80
Power Factor (PF):	0.7	0.7
Weight (kg):	0.5	0.5
Reel (m):	5	5
Box Qty:	1	1

DIMENSIONS (mm)	**Length**	**Width**
R5MSIK-CCT2	5,000	10
R5MSIK-RGBW	5,000	10

Note: VEGAS dimmable drivers do not work with VEGAS CONNECT and PULSE CONNECT controllers

Scan here for more product information

Tunable White   RGB

LED FLEXI-STRIP
PULSE CONNECT 5M DIGITAL LED STRIP KIT

24W　**RGB**　**NEW!**　ROBUS Connect

PULSE CONNECT 5M DIGITAL LED STRIP KIT RGB IP44

The 5M PULSE DIGITAL LED Strip kit comes complete with everything you need to install. The digital kit gives fully animated scenes and chase sequences, with a built in microphone the strip can react to any music or sounds playing. Control it from the included remote or with the ROBUS CONNECT app where you can make your own sequences to match your occasion.

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | IP 44 IP RATING | OP 100 240 OPERATING VOLTAGE | RGB CCT | VOICE CONTROL | NO HUB REQUIRED NO HUB REQUIRED | III SAFETY CLASS |

	R5MSIK-RGBD
Total Power (W):	24
CCT (K):	2700-6500
Weight (kg):	0.02
Box Qty:	1

DIMENSIONS (mm)	Length	Width
R5MSIK-RGBD	5,000	10

RGB

LED FLEXI-STRIP
EXTRUSIONS FOR VEGAS LED FLEXI-STRIP

EXTRUSION, surface mounted, low profile, 8mm
- Surface mounted
- Low profile recessed extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps and mounting clips

	REXS082-23
Box Qty:	1
Weight (kg):	0.29

DIMENSIONS(mm)	Width	Length	Height
REXS082-23	17.5	2000	8

2 YRS WARRANTY

EXTRUSION, recessed, 15mm
- Recessed extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps

	REXR152-23
Box Qty:	1
Weight (kg):	0.52

DIMENSIONS(mm)	Width	Length	Height
REXR152-23	25	2000	15

2 YRS WARRANTY

EXTRUSION, recessed / suspended, 52mm
- Recessed extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps
- C/w suspension kit

	REXR522-23
Box Qty:	1
Weight (kg):	1.32

DIMENSIONS(mm)	Width	Length	Height
REXR152-23	35	2000	52

2 YRS WARRANTY
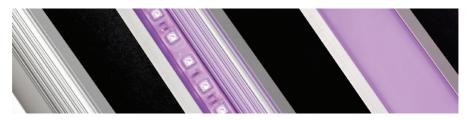
EXTRUSION, circular, 24mm
- Circular extrusion with push on PC diffuser. Suitable for suspension or surface mounting
- Anodised aluminium
- Supplied in 2m lengths complete with end caps, suspension wires and mounting clips
- C/w suspension kit

	REXC242-23
Box Qty:	1
Weight (kg):	0.38

DIMENSIONS(mm)	Diameter	Length
REXR152-23	24	2000

2 YRS WARRANTY

LED FLEXI-STRIP
EXTRUSIONS FOR VEGAS LED FLEXI-STRIP

SURFACED MOUNTED & RECESSED WIDE BASE

- Low profile extrusion with push on PC diffuser
- Anodised aluminium
- Supplied in 2m lengths complete with end caps
- Wide base to fit ROBUS VEGAS RGBW LED Flexi-strip

Surface Mounted	REXS122-23
Box Qty:	1
Weight (kg):	0.3

DIMENSIONS(mm)	Width	Length	Height
REXS122-23	18	2000	12

Recessed	REXR122-23
Box Qty:	1
Weight (kg):	0.35

DIMENSIONS(mm)	Width	Length	Height
REXR122-23	18	2000	12

ANGLED

Angled	REXA172-23
Box Qty:	1
Weight (kg):	0.96

DIMENSIONS(mm)	Width	Length	Height
REXA172-23	26	2000	12

WALKOVER
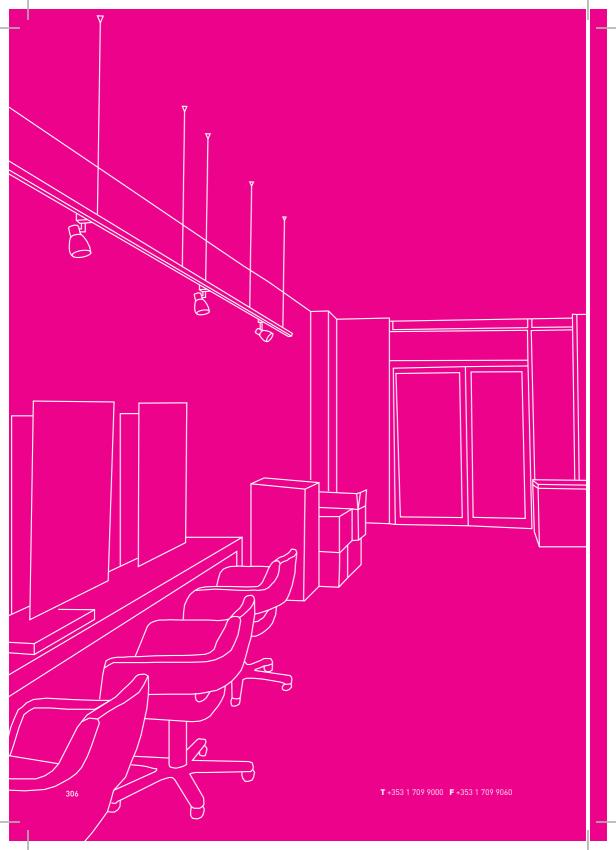
Walkover	REXSW071-23
Box Qty:	1
Weight (kg):	0.96

DIMENSIONS(mm)	Width	Length	Height
REXSW071-23	18	1000	7

PLASTER-IN

Plaster-in	REXP142-23

DIMENSIONS (mm)	Width	Length	Height
REXP142-23	20.7	2000	14

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TRACKS
& PROJECTORS

TRACKS & PROJECTORS
TROY LED TRACK PROJECTOR

10W

CONSTRUCTION:

- Powder coated aluminium housing
- Polycarbonate lens, silver reflector and cover
- Polycarbonate Mechanical/Electrical track adapter
- FR-4 laminate PCB

FEATURES:

- Modern looking attractive aesthetic
- Quality feel and finish
- Provides excellent heat dissipation for the LED's for longer life
- Exceptional lumen output with little depreciation over time
- High quality CITIZEN ELECTRONICS COB LED
- Solid state technology
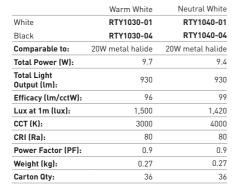
3 YRS	**30,000 HRS**	**96–99 LmW**	**IP 20**	**OP 220 240**	**40°**	**3000K 4000K**	**350°**	**90°**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SWIVEL	TILT ANGLE	SAFETY CLASS

	Warm White	Neutral White
White	**RTY1030-01**	**RTY1040-01**
Black	**RTY1030-04**	**RTY1040-04**
Comparable to:	20W metal halide	20W metal halide
Total Power (W):	9.7	9.4
Total Light Output (lm):	930	930
Efficacy (lm/cctW):	96	99
Lux at 1m (lux):	1,500	1,420
CCT (K):	3000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	0.27	0.27
Carton Qty:	36	36

SEAI approved
Triple E registered
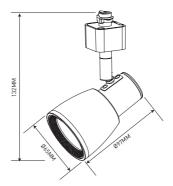
DIMENSIONS (mm)	Length	Width	Height
RTY1030-01/04	97	65	132
RTY1040-01/04	97	65	132

132MM
Ø65MM
Ø97MM

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TRACKS & PROJECTORS
TREK LED TRACK PROJECTOR

12W

CONSTRUCTION:
- Powder coated aluminium housing
- Polycarbonate lens, silver reflector and cover
- Polycarbonate Mechanical/Electrical track adapter
- FR-4 laminate PCB

FEATURES:
- Modern looking attractive aesthetic
- Quality feel and finish
- Provides excellent heat dissipation for the LED's for longer life
- Exceptional lumen output with little depreciation over time
- High quality CITIZEN ELECTRONICS COB LED
- No ultra-violet or infra-red emitted in the light beam

3 YRS WARRANTY	30,000 HRS RATED HOURS	106 LmW LUMENS PER W	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	38° BEAM ANGLE	4000K CCT	350° SWIVEL	180° TILT ANGLE	SAFETY CLASS
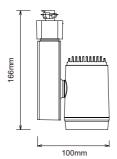
White	**RTK1240-01**
Black	**RTK1240-04**
Comparable to:	25W metal halide
Total Power (W):	10.9
Total Light Output (lm):	1,150
Illuminance at 1m (lx):	2,630
CRI (Ra):	80
CCT (K):	4000
Power Factor (PF):	0.95
Weight (kg):	0.42
Carton Qty:	20

SEAI approved
Triple E registered

DIMENSIONS (mm)	Length	Width	Height
RTK1240-01/04	100	62	166

166mm

100mm Φ62mm

Scan here for more product information

TRACKS & PROJECTORS
TRAM LED TRACK PROJECTOR

25W   **35W**

CONSTRUCTION:
- Powder coated aluminium housing
- Polycarbonate lens, silver reflector and cover
- Polycarbonate Mechanical/Electrical track adapter

FEATURES:
- Comparable to 35W metal halide fittings
- Suitable for use with ROBUS single circuit tracks
- Die cast aluminium and polycarbonate housing with polycarbonate reflector
- Wide operating ambient temperature range of -20°C to 40°C
- Adjustable rotation angle of 350° and tilt of 210°
- Dimmable range of 10-100%, adjustable via knob on driver's housing

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**86–90 LmW** LUMENS PER W	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	**38°** BEAM ANGLE	**3000K 4000K** CCT	**350°** SWIVEL	**210°** TILT ANGLE
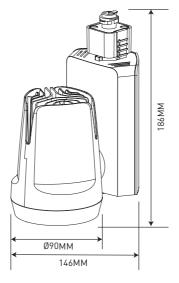
DIMENSIONS (mm)	Length	Width	Height
RTM2540-01/04	146	90	186
RTM3540-01/04	161	105	190

186MM

Ø90MM

146MM

Scan here for more product information

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TRACKS & PROJECTORS
TRAM LED TRACK PROJECTOR

	Warm White	Neutral White	Neutral White
White	**RTM3530-01**	**RTM2540-01**	**RTM3540-01**
Black	**RTM3530-04**	**RTM2540-04**	**RTM3540-04**
Comparable to:	50W metal halide	35W metal halide	50W metal halide
Total Power (W):	32.8	25	34.1
Total Light Output (lm):	2,820	2,240	3,060
Efficacy (lm / cctW):	86	90	90
Illuminance at 1m (lx):	7,080	4,930	7,580
CRI (Ra):	80	80	80
CCT (K):	3000	4000	4000
Power Factor (PF):	0.95	0.95	0.95
Weight (kg):	0.79	0.79	0.79
Carton Qty:	12	12	12

SEAI approved
Triple E registered

RTM2540-01   RTM2540-04

IRWINS TILES & FLOORS, CO. MONAGHAN, IRELAND

TRACKS & PROJECTORS
ACORN SINGLE CIRCUIT SPOTS & KITS

50W ROBUS connect

CONSTRUCTION:

- Simple twist and lock provides track head mechanical & electrical connection to track
- 1m length of polyester painted, extruded aluminium track
- 3 diecast aluminium heads inc 50W halogen lamps

FEATURES:
- Suitable for use with GU10 halogen and LED lamps
- Die cast aluminium housing
- Polycarbonate track adaptor
- 90ø adjustable tilt and 350° rotation angle
- Wide ambient temperature range of -20°C to +40°C
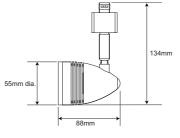
| | 2 YRS WARRANTY | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 350° SWIVEL | 90° TILT ANGLE | SAFETY CLASS |

White	**R888GZ-01**	**R888GZ3-01**
Brushed Chrome	**R888GZ-13**	**R888GZ3-13**
Total Power (W):	50	N/A
Cap Type:	GU10	GU10
Weight (kg):	0.3	1.6
Carton Qty:	6	6
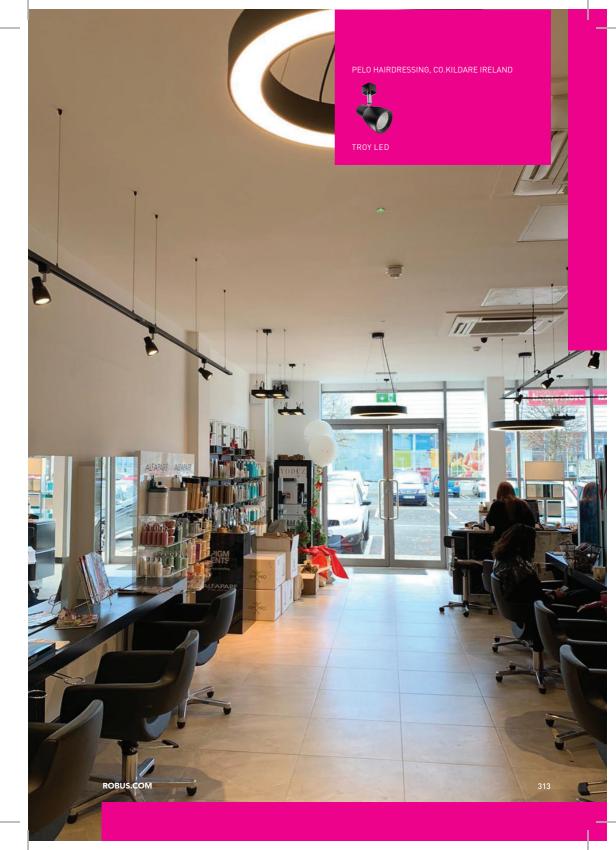
DIMENSIONS (mm)	Length	Width	Diameter	Height
R888GZ-01/13	88	N/A	55	134
R888GZ3-01/13	1000	35	N/A	160

134mm

55mm dia.

88mm

Scan here for more product information

PELO HAIRDRESSING, CO.KILDARE IRELAND

TROY LED

TRACKS & PROJECTORS
PETITE SINGLE CIRCUIT SPOTS & KITS

50W

CONSTRUCTION:

• Simple twist and lock provides track head mechanical & electrical connection to track
• 1m length of polyester painted, extruded aluminium track
• 3 diecast aluminium heads inc 50W halogen lamps

FEATURES:

• High quality track finish which is light and easy to install
• Attractive good quality track heads complete with lamps
• Fast and simple installation requiring only one electrical supply
• Fittings can be installed at any point along the track
• Fittings have adjustable heads
• Additional fittings, lengths of track, joiners, and direction changing accessories available

2 YRS WARRANTY	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	**350°** SWIVEL	**90°** TILT ANGLE	SAFETY CLASS
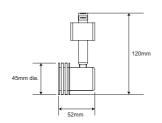
	Spotlight	Track kit
White	**RS806GZ-01**	
Brushed Chrome	**RS806GZ-13**	**RS806GZ3-13**
Total Power (W):	50	50
Cap Type:	GU10	GU10
Weight (kg):	0.43	1.73
Carton Qty:	6	6

DIMENSIONS (mm)	Diameter	Length	Width	Height
RS806GZ-01/13	45	52	N/A	120
RS806GZ3-13	N/A	1000	35	160

120mm

45mm dia.

52mm

Scan here for more product information

MAINS VOLTAGE TRACK

DIMENSIONS (mm)	Length	Width	Height
R1T-01/04/13/15	1000	35	18
R2T-01/04/15	2000	35	18
R3T-01/04/15	3000	35	18

	1M	2M	3M
White	**R1T-01**	**R2T-01**	**R3T-01**
Black	**R1T-04**	**R2T-04**	**R3T-04**
B Chrome	**R1T-13**		

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Adaptor

- Injection moulded plastic adaptor with accessible screw terminals for mating fittings to single circuit track

DIMENSIONS (mm)	Length	Width	Height
RTA-01 White	35	35	35

L joiner

- Injection moulded plastic power connection and blanking off piece for use with mains voltage track, single circuit
- Accessible screw terminals

DIMENSIONS (mm)	Length	Width	Height
RL-01 White	108	108	18
RL-04 Black	108	108	18

T joiner

- Power connection constructed from injection moulded plastic
- 20mm knock out at rear
- Accessible screw terminals

DIMENSIONS (mm)	Length	Width	Height
RT-01 White	178	108	18
RT-04 B Chrome	178	108	18

Live and dead ends

- Power connection constructed from injection moulded plastic
- Can only be attached from the right side
- 20mm knock out at rear
- Accessible screw terminals

DIMENSIONS (mm)	Length	Width	Height
RLE-01 White	108	35	18
RLE-04 Black	108	35	18
RLE-13 B Chrome	108	35	18

Straight Joiner
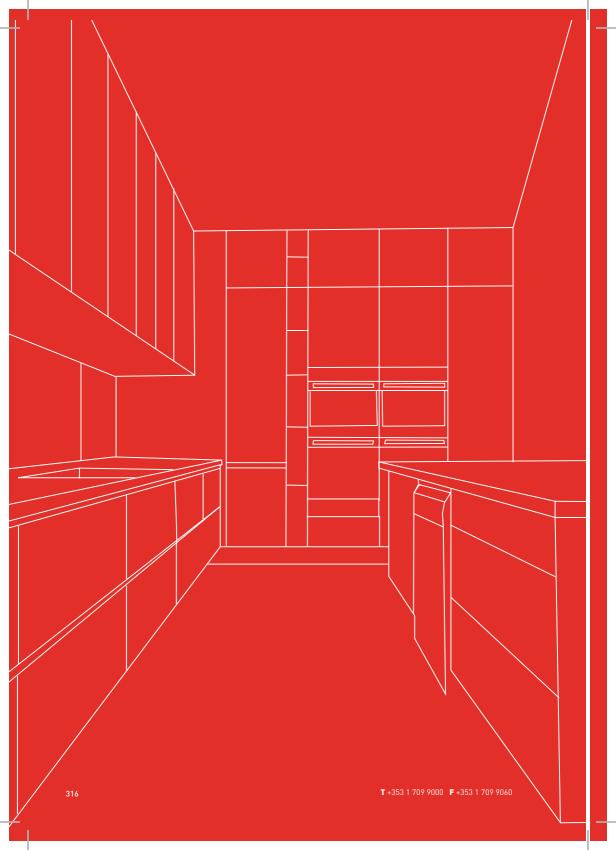
- In line connector for single circuit track
- 20mm knock out allows for wiring point into coupler
- Accessible screw terminals

DIMENSIONS (mm)	Length	Width	Height
RC-01 White	178	35	18
RC-04 Black	178	35	18
RC-13 B Chrome	178	35	18

TRACK Suspension Kit

- 1.5m Cable Ceiling Cap and Locking Screws

DIMENSIONS (mm)	Length
RTSK15	1,500

KITCHEN
& FURNITURE

318

SPEAR CCT2 LED STRIPLIGHT

320

COMMODORE LED
CABINET LIGHT

321

ROYAL LED CABINET
DOWNLIGHT

KITCHEN & FURNITURE
SPEAR CCT2 LED STRIPLIGHT

3W **4W** **8W** **10W** **14W** STOCK SAVER

CONSTRUCTION:

- White self-coloured polycarbonate housing
- Polycarbonate diffuser
- Polycarbonate mounting bracket
- Galvanised steel fastener material
- FR-4 laminate PCB

FEATURES:

- Provides a solution for all wall cabinet sizes replacing traditional T4 fluorescent
- The fittings can easily be hidden behind pelmet or cornice so the lighting effect is visible, but not the fitting
- Fittings can be globally switched or enables each fitting to be individually switched and colour temperature selected for preferred light colour and ambience
- Suitable for use in rooms that are not normally heated or have a high operational temperature

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 117–127 LmW LUMENS PER W | IK 08 IK RATING | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 120° BEAM ANGLE | CCT2 CCT | SAFETY CLASS |
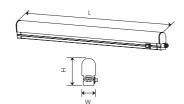
DIMENSIONS(mm)	Width	Length	Height
RLEDSTR3X-01	22	275	43
RLEDSTR4X-01	22	395	43
RLEDSTR8X-01	22	520	43
RLEDSTR10X-01	22	620	43
RLEDSTR14X-01	22	815	43

ACCESSORIES

RLSTR250LEAD	Spear Link Lead 250mm
RSLTR500LEAD	Spear Link Lead 500mm
RSLTR1000LEAD	Spear Link Lead 1000mm
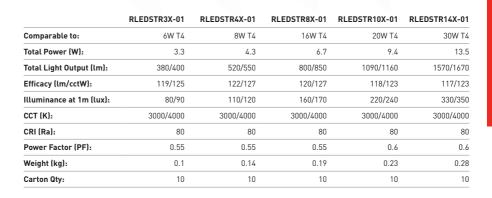
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KITCHEN & FURNITURE
SPEAR CCT2 LED STRIPLIGHT

	RLEDSTR3X-01	RLEDSTR4X-01	RLEDSTR8X-01	RLEDSTR10X-01	RLEDSTR14X-01
Comparable to:	6W T4	8W T4	16W T4	20W T4	30W T4
Total Power (W):	3.3	4.3	6.7	9.4	13.5
Total Light Output (lm):	380/400	520/550	800/850	1090/1160	1570/1670
Efficacy (lm/cctW):	119/125	122/127	120/127	118/123	117/123
Illuminance at 1m (lux):	80/90	110/120	160/170	220/240	330/350
CCT (K):	3000/4000	3000/4000	3000/4000	3000/4000	3000/4000
CRI (Ra):	80	80	80	80	80
Power Factor (PF):	0.55	0.55	0.55	0.6	0.6
Weight (kg):	0.1	0.14	0.19	0.23	0.28
Carton Qty:	10	10	10	10	10

KITCHEN & FURNITURE
COMMODORE LED
CABINET LIGHT

2.5W

CONSTRUCTION:

- Carbon steel and aluminium housing
- White / Brushed chrome powder coating finish
- Polycarbonate diffuser
- Carbon steel bracket
- FR4 laminate PCB

FEATURES:

- Strong and durable and won't easily chip if knocked
- Choice of colour finish to match or contrast most decors
- The fittings will operate in areas that are kept cold or hot such as display cases for items that may deteriorate if exposed to low or high ambient temperatures
- The head can be semi-recessed, or surface mounted in the base

3 YRS WARRANTY	**30,000 HRS** RATED HOURS	**83–88 LmW** LUMENS PER W	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	**110°** BEAM ANGLE	**3000K 4000K** CCT	SAFETY CLASS

	Warm White	Neutral White
White	**RCD2P530-01**	**RCD2P540-01**
Brushed Chrome	**RCD2P530-13**	**RCD2P540-13**
Comparable to:	20W Halogen	20W Halogen
Total Power (W):	2.5	2.4
Total Light Output (lm):	190	210
Illuminance at 1m (lux)	77	79
Illuminance at 1m (lux)	77	79
Efficacy (lm/cctW):	83	88
CCT (K):	3000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	0.17	0.17
Carton Qty:	60	60
	G A-G	G A-G

Scan here for more product information

DIMENSIONS(mm)

DIMENSIONS(mm)	Diameter	Cut-out	Depth
RCD2P530-01/13	71	55	32
RCD2P540-01/13	71	55	32

ACCESSORIES

RCDTS-13   Triangular Shell Accessory, Brushed Chrome

RCDTS-13

KITCHEN & FURNITURE
ROYAL LED
CABINET DOWNLIGHT

2.5W

CONSTRUCTION:

- Carbon steel and aluminium housing
- White / Brushed chrome powder coating finish
- Polycarbonate diffuser
- Carbon steel bracket
- FR4 laminate PCB

FEATURES:

- Excellent aesthetics to enhance the look of any installation
- Strong and durable and won't easily chip if knocked
- Choice of colour finish to match or contrast most decors
- The fittings will operate in areas that are kept cold or hot such as display cases for items that may deteriorate if exposed to low or high ambient temperatures

| 3 YRS WARRANTY | 30,000 HRS RATED HOURS | 83–88 LmW LUMENS PER W | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 110° BEAM ANGLE | 3000K 4000K CCT | SAFETY CLASS |
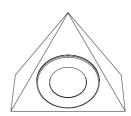
	Warm White	Neutral White
Brushed Chrome	**RYA2P530-13**	**RYA2P540-13**
Comparable to:	20W Halogen	20W Halogen
Total Power (W):	2.5	2.4
Total Light Output (lm):	190	210
Illuminance at 1m (lux)	77	79
Efficacy (lm/cctW):	83	88
CCT (K):	3000	4000
CRI (Ra):	80	80
Power Factor (PF):	0.9	0.9
Weight (kg):	0.19	0.19
Carton Qty:	50	50
	G	G

DIMENSIONS(mm)	Length	Width	Depth
RYA2P530-13	124	125	45
RYA2P540-13	124	125	45

Scan here for more product information

BATHROOM

BATHROOM
STARLING PREMIUM
FIRE RATED - SHOWER

50W

CONSTRUCTION:

- Electro-plated trim
- Frosted glass diffuser
- Spring steel ceiling retaining springs
- Fibreglass sheathed insulated conductors

FEATURES:

- Recessed downlights with pressed steel body and front bezel
- Fitting design and itumesent seals retain the integrity of 30, 60, 90 minute fire rated ceiling/floor constructions
- Tested for use with I-Joists & Metal Web Joists
- Complies with BS476 Part 21
- Complies with dichroic and aluminum lamp types
- Compatible with GU10 Halogen and some other LED fittings

2 YRS WARRANTY	FIRE RATED	excl. LAMP EXCLUDED	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS

Mains Voltage	GU/GZ10
White	**RSF20165-01**
Chrome	**RSF20165-03**
Brushed Chrome	**RSF20165-13**
Total Power (W):	50
Cap Type:	GU10
Weight (kg):	0.31
Catron Qty:	50

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RSF20165-01/03/13	91	125	76

-01 White   **-03 Chrome**   **-13 B Chrome**

Scan here for more product information

BATHROOM
ROBIN SHOWER DOWNLIGHT

50W

CONSTRUCTION:

- Wide bezel flange
- Teflon conductor insulation
- Fibreglass cable sheathing
- Fitted with adjustable strong single ceiling retaining spring clips

FEATURES:

- A full range suitable for most applications
- Confidence that one fitting is suitable for installation in all building types and will comply with the Building Regulations Part B
- Airflow and acoustic rated
- Will cover damaged or slightly oversize hole cut-outs

2 YRS WARRANTY	excl. LAMP EXCLUDED	excl. LAMP EXCLUDED	**IP 65** IP RATING	**OP 220 240** OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS

White	RS10165-01	RS10165GZ-01
Chrome	RS10165-03	RS10165GZ-03
Brushed Chrome	RS10165-13	RS10165GZ-13
Total Power (W):	50	50
Cap Type:	G5.3	GU10
Weight (kg):	0.27	0.27
Carton Qty:	50	50

DIMENSIONS (mm)	Diameter	Cut-out	Depth
RS10165-01/03/13	83	72	105
RS10165GZ-01/03/13	83	72	105

-01 White   **-03 Chrome**   **-13 B Chrome**

105mm

Ø83mm

Scan here for more product information

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BATHROOM
DIVA LED OVER MIRROR LIGHT

15W

CONSTRUCTION:

- Extruded aluminium body
- Opal polycarbonate diffuser
- ABS chrome end caps

FEATURES:

- IP44 over mirror lights, suitable for use in bathrooms
- LED replacement for >60W Halogen mirror lights
- Extruded aluminium base, polycarbonate diffuser with ABS chrome-coated end caps
- On/off switch included on end of the fitting
- High CRI of 80, warm white 3000k colour temperature
- High efficacy of 78lm/W
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for use 24/7

3 YRS	**30,000 HRS**	**78 LmW**	**IP 44**	**OP 220 240**	**130°**	**3000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
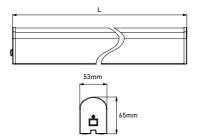
Chrome	**RDA1530-03**
Comparable to:	60W halogen
Total Power (W):	15.2
Total Light Output (lm):	1,190
Lux at 1m (lux):	350
CRI (Ra):	80
CCT (K):	3000
Power Factor (PF):	0.5
Weight (kg):	0.5
Carton Qty:	12

DIMENSIONS (mm)	Length	Width	Depth
RDA1530-03	600	53	65

L

53mm

65mm

Scan here for more product information

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BATHROOM
DIVA LED DUAL VOLTAGE SHAVER LIGHT

8W

CONSTRUCTION:

- Extruded Anodised Aluminium Base/ Heatsink
- White or Chrome Polycarbonate End Caps
- Opal Polycarbonate Diffuser
- Alloy Brackets
- Stainless Steel Fasteners
- FR-4 Epoxy Laminate PCB

FEATURES:

- Attractive aesthetics
- Easy wipe clean finish
- Suitable for use by domestic or international travellers
- Smooth attractive lines when not being used for shaving

3 YRS	**30,000 HRS**	**81 LmW**	**IP 44**	**OP 220 240**	**130°**	**3000K**	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	CCT	SAFETY CLASS
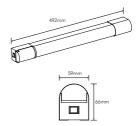
White	**RDA0830S-01**
Chrome	**RDA0830S-03**
Comparable to:	60W Incandescent
Total Power (W):	9.6
Total Light Output (lm):	780
Lux at 1m (lux):	170
CRI (Ra):	80
CCT (K):	3000
Power Factor (PF):	0.5
Weight (kg):	0.85
Carton Qty:	10

DIMENSIONS (mm)	Length	Width	Depth
RDA0830S-01/03	492	59	66

492mm

59mm

66mm

Scan here for more product information

BATHROOM
ESTONE SHAVER LIGHT

7W

CONSTRUCTION:

- White or chrome finish polycarbonate body
- Elongated fixing holes
- Selectable dual voltage output switch

FEATURES:

- Easy to wipe clean to retain "as new" aesthetics
- Maximum light is transmitted through the diffuser
- Excellent light uniformity for clear image and vision
- High CRI ensures good light quality for excellent visibility and image reproduction

3 YRS WARRANTY	**30,000** HRS RATED HOURS	**58** LmW LUMENS PER W	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	**120°** BEAM ANGLE	**4000K** CCT	PULL SWITCH	SAFETY CLASS
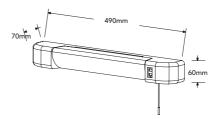
White	**RSH7LED-01**
Chrome	**RSH7LED-03**
Comparable to:	60W incandescent
Total Power (W):	7.1
Total Light Output (lm):	410
CRI (Ra):	87
CCT (K):	4,000
Power Factor (PF):	0.6
Weight (kg):	1.05
Carton Qty:	8

DIMENSIONS (mm)	Length	Width	Depth
RSH7LED-01	490	60	70
RSH7LED-03	490	60	70

490mm

70mm

60mm

Scan here for more product information

BATHROOM
TOILET ALARM

FEATURES:

- Ceiling mounted activation unit with pull cord and 2 position handles
- Toilet installed reset panel
- Over-door light and sounder
- Ensures alarm can be activated from toilet seat height and at ground level if required
- Attracts attention by both light and sounder
- Intermittent or continuous for best effect
- Provides 24hrs typical backup if power fails

2 YRS WARRANTY	**IP 44** IP RATING
OP 220 240 OPERATING VOLTAGE	SAFETY CLASS
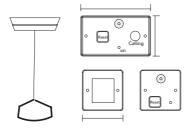
	RDPTA-01
Carton Qty:	1

DIMENSIONS (mm)	Length	Height
RDPTA-01	145	85

ACCESSORIES

RDPTA Indicator
RDPTA Pull cord
RDPTA Reset panel

Scan here for more product information

BATHROOM
HELM HAND DRYER

1,350W

FEATURES:

- Warm air
- 50% less energy consumption compared to other dryers of similar performance
- High speed, high efficiency
- Streamlined air duct and nozzle design combine to produce a concentrated stream of high speed air to dry hands in less than 10 seconds
- PIR activated. Starts immediately when hands are placed within 15cm of the drying nozzle and stops 1 second after hands are removed ensuring energy is not wasted
- Aluminium main body
- Noise level = 84dB

3 YRS ✓ WARRANTY	**IP** **22** IP RATING	**OP** **220** **240** OPERATING VOLTAGE	SAFETY CLASS
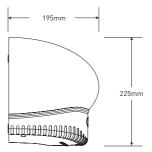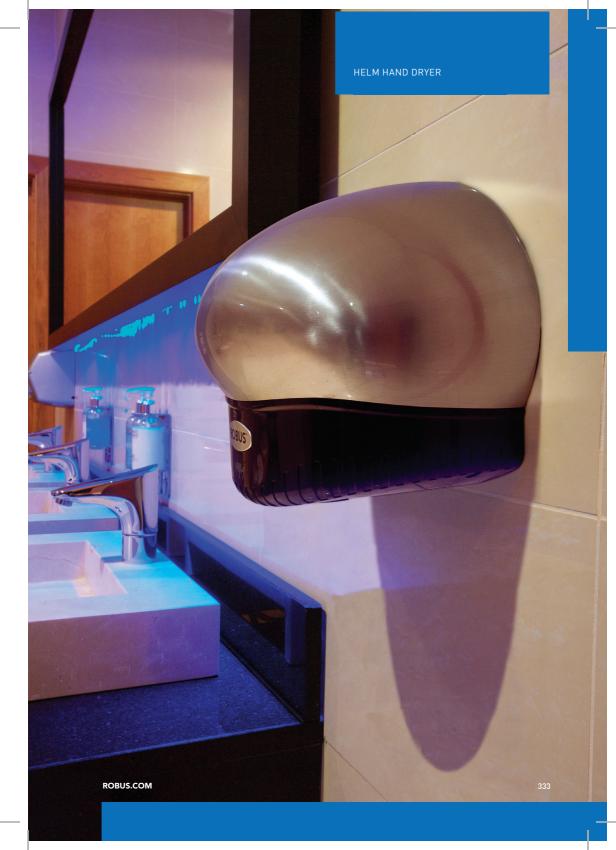
Satin Silver	**R1350HSD-15**
White	**R1350HSD-01**
Total Power (W):	1,350
Box Qty:	1
Weight (kg):	3.8

DIMENSIONS (mm)	Height	Length	Width
R1350HSD-01	225	267	195
R1350HSD-15	225	267	195
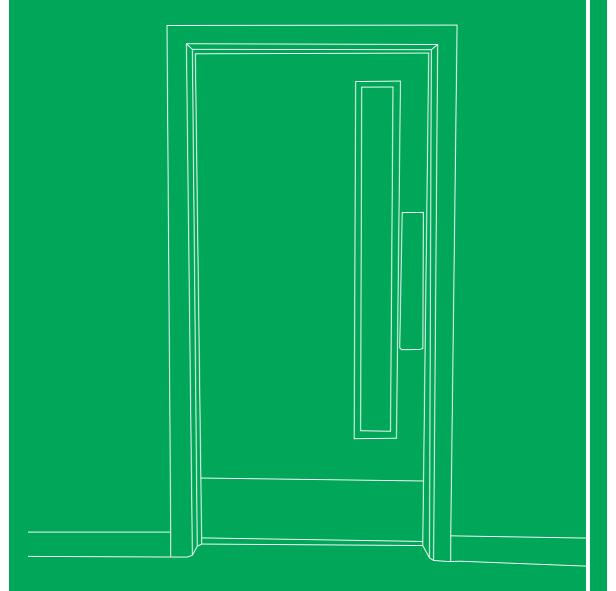
195mm

225mm

Scan here for more product information

EMERGENCY

EMERGENCY
EBLANA EMERGENCY LED BULKHEAD

3W LINX

CONSTRUCTION:

- ABS body, gear tray and polycarbonate opal diffuser with retained fixing screws
- 16mm/PG9 gland entry cut-outs on ends, top & rear

FEATURES:

- LED replacement for T5 emergency bulkheads
- Hinged gear tray allowing for ease of wiring and installation
- R8MLEDTS-01 complete with test switch on the side of the fitting
- Only 3W in maintained mode
- No UV or IR content
- 3 hour emergency operation
- Double sided exit accessory available allowing removal of existing diffuser and conversion to double sided exit (R8MLEDDE)
- Emergency spacing details for R8MLED in back section of catalogue
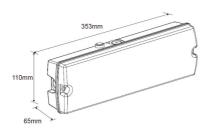
3YRS WARRANTY	30,000 HRS RATED HOURS	53 LmW LUMENS PER W	SELF TEST TESTING	IK 07/08/09 IK RATING	IP 65 IP RATING	6500K CCT	110° BEAM ANGLE	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

DIMENSIONS (mm)

	Length	Width	Depth
R8MLED-01	353	110	65
R8MLEDTS-01	353	110	65
R8MLEDLST-01	353	110	65

ACCESSORIES

R8MLEDDE	BULKHEAD accessory for R8MLED
RBULKLEG	BULKHEAD legend kit
R8MLEDRSB-01	Recessed box for R8MLED
R8MLEDDEXLR	Left/Right Running Man legend stickers for R8MLEDDE

353mm
110mm
65mm

RBULKLEG legend kit

Scan here for more product information

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EMERGENCY
EBLANA EMERGENCY LED BULKHEAD

R8MLED with
R8MLEDDE bulkhead

	Standard	Test Switch	Self Test
	R8MLED-01	**R8MLEDTS-01**	**R8MLEDLST-01**
Total power (W):	3.3	3.7	3.0
Total light output (lm):	150 standard	160 standard	160 standard
	110 emergency	120 emergency	100 emergency
Lux at 1m (lux):	45 standard	60 standard	60 standard
	40 emergency	40 emergency	40 emergency
CRI (Ra):	80	80	80
Power Factor (PF):	0.55	0.55	0.5
Weight (kg):	0.60	0.56	0.55
IK:	09	07	08
Accessories:	RBULKLEG R8MLEDRSB R8MLEDDE R8MLEDDEXLR R8MLEDDEXU	R8MLEDDE R8MLEDDEXLR R8MLEDDEXU	RBULKLEG
Carton Qty:	12	12	20

Luminaire Spacing (m) On Emergency Escape Routes									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
R8MLED-01	**2.5**	4.4	3.5	8.2	6.1	4.4	3.5	8.2	6.1
	3	4.8	3.7	8.7	6.4	4.8	3.7	8.7	6.4
	4	5.2	4	9.2	6.7	5.2	4	9.2	6.7

Luminaire Spacing (m) In Anti Panic Open Areas (Incl 0.5m Border Area)					
		Transverse Distance to Wall	Transverse to Transverse	Axial Distance to Wall	Axial to Axial
Code	Mounting Height (m)	0.5 Lux	0.5 Lux	0.5 Lux	0.5 Lux
R8MLED-01	**2.5**	4.3	8	4.3	8
	3	4.7	8.5	4.7	8.5
	4	5	9	5	9

EMERGENCY
SAPPHIRE BULKHEAD

4W **NEW!**

CONSTRUCTION:
- Polycarbonate housing and diffuser
- 20mm side entry point

FEATURES:
- Hinged gear tray allowing for ease of wiring and installation
- Available in both Manual and Self-Test Emergency versions
- 3 hour emergency duration
- Legends included with the fitting
- LiFePO4 battery technology provides fast charging and a high number of charge/discharge cycles

| | 3 YRS WARRANTY | 30,000 HRS RATED HOURS | SELF TEST TESTING | LiFePO₄ BATTERY | IP 65 IP RATING | IK 08 IK RATING | OP 220 240 OPERATING VOLTAGE | 6500K CCT |

	Standard	Self Test
	RSI4L-01	**RSI4LST-01**
Total Power (W):	3.7	3.7
Total Light Output (lm):	170/110	170/110
CRI (Ra)	80	80
CCT (K):	6500	6500

DIMENSIONS (mm)	Length	Width	Depth
RSI4L-01	224	92	52
RSI4LST-01	224	92	52

EMERGENCY
EXIT BOX

4W **STOCK SAVER**

CONSTRUCTION:
- Pressed steel housing with polycarbonate diffuser
- Polystyrene diffuser
- LiFePO$_4$ battery

FEATURES:
- Large, high contrast legends providing maximum viewing distance of 30m
- Self-Test plug and play module available turning the fitting into fully automated unit
- High quality LiFePO$_4$ battery has increased reliability over commonly used NiCad NiMH batteries
- Complete with running man legend with Arrow up or down, other legends available as accessories

3 YRS	30,000 HRS	11 LmW	SELF TEST	LiFePO$_4$	IP 20	IK 04	OP 220 240	6500K	120°	
WARRANTY	RATED HOURS	LUMENS PER W	TESTING	BATTERY	IP RATING	IK RATING	OPERATING VOLTAGE	CCT	BEAM ANGLE	SAFETY CLASS

Up arrow legend	**R8EMLP4U-01**
Down arrow legend	**R8EMLP4D-01**
Total Power (W):	3.8
Total Light Output (lm):	Standard 40
	Emergency 15
CRI (Ra)	70
CCT (K):	6500
Weight (kg):	1.2
Carton Qty:	6

DIMENSIONS (mm)

	Length	Width	Depth
R8EMLP4U-01	192	390	60
R8EMLP4D-01	192	390	60

ACCESSORIES

R8EMR	Spare running man legend - right
R8EML	Spare running man legend - Left
R8EMU	Spare running man legend - Up
R8EMD	Spare running man legend - Down
REMSTU	Universal Self Test Module

Scan here for more product information

Universal Self Test Module

EMERGENCY
REX EXIT BOX

3.5W

CONSTRUCTION:

- White Polycarbonate Housing
- Polycarbonate Diffuser

FEATURES:

- Slim LED Exit box 29mm deep
- 2 sets of LED arrays – exit and critical area illumination
- Provided with a switched live terminal for maintained or non maintained operation
- Loop-in/ loop-out push in terminals
- Key hole fixing positions for quick installation
- Warranty of 5 years for the fitting, 2 years for the Standard battery and 3 years for Self Test battery
- Self Test version with LiFePO4 battery*

| 5YRS WARRANTY | 50,000 HRS RATED HOURS | SELF TEST TESTING | LiFePO₄ BATTERY | IK 08 IK RATING | OP 220 240 OPERATING VOLTAGE | IP 20 IP RATING | 110/200° BEAM ANGLE | 6500K CCT | SAFETY CLASS |

	Standard	Self test
	REX4P0-01	**REX4P0LST-01**
Comparable to:	8W T8	8W T8
Total Power (W):	3.6	3.1
Total Light Output (lm):	25/40 emergency	35/70 emergency
Lux at 1m (lux):	8/15 emergency	8/16 emergency
CRI (Ra):	80	80
CCT (K)	6500	6500
Power Factor (PF):	0.5	0.5
Weight (kg):	0.83	0.89
Carton Qty:	10	10

DIMENSIONS (mm)	Length	Height	Depth
REX4P0-01	395	199	29
REX4P0LST-01	395	199	29

395mm

199mm

29mm

Scan here for more product information

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MIDDLEZOY FOOTBALL CLUB, UK

REX EXIT BOX

EMERGENCY
BLADE LED

4W

CONSTRUCTION:

- Blade body made from high quality aluminium profile and finished in satin silver

FEATURES:

- Maintained
- Exit sign illuminated by 11 LEDs
- NiCad battery providing 3 hour emergency discharge duration
- Max viewing distance of 48m
- Surface mounted
- Complete with 6 legends set

3 YRS WARRANTY	50,000 HRS RATED HOURS	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	6000K CCT	SAFETY CLASS
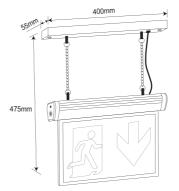
Satin Silver	**RBL4P0E-15**
Total Power (W):	4
CCT (K):	6000
Power Factor (PF):	0.9
Weight (kg):	1.2
Carton Qty:	6

DIMENSIONS (mm)	Height	Width	Depth
RBL4P0E-15	475	400	55

400mm
55mm
475mm

Scan here for more product information

EMERGENCY
SWISS EXIT BLADE

1.5W

CONSTRUCTION:

- White Polycarbonate Housing/ Trim Material
- Polycarbonate Diffuser
- FR4 composite aluminium PCB
- White Polycarbonate Mounting Accessories

FEATURES:

- Provides bright light output in emergency mode, long LED life and low power consumption
- Provides total light colour contrast to the darkness of power failure or smoke filled area so exit direction is more easily seen
- LiFePO4 (Lithium Ferro Phosphate) battery technology provides fast charge, a high number of charge/discharge cycles and a 3 hour emergency light output
- Manual test switch

4 YRS WARRANTY	30,000 HRS RATED HOURS	2 YRS BATTERY WARRANTY	LiFePO4 BATTERY	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	120° BEAM ANGLE	6500K CCT	SAFETY CLASS
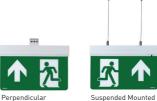
Up arrow	**RSS1P5-01**
Down arrow	**RSS1P5D-01**
Total Power (W):	1.4
Total Light Output (lm):	6
Emergency Mode Light Output (lm):	6
Maximum viewing distance (m):	26
Illuminance at 1m (lux):	2
Emergency Mode illuminance at 1m (lx):	2
CRI (Ra):	80
CCT (K):	6500
Power Factor (PF):	0.5
Legend dimensions (mm):	267x130
Weight (kg):	1.2
Carton Qty:	20

Scan here for more product information

DIMENSIONS (mm)

	Height	Width	Depth
RSS1P5-01	170	267	34
RSS1P5D-01	170	267	34

ACCESSORIES

RSSRSB	Recessed Mount accessory
RSSD	LEGEND accessory DOWN arrow
RSSLR	LEGEND accessory LEFT/ RIGHT arrow

Perpendicular Mounted Middle

Suspended Mounted

Parallel Mounted

Perpendicular Mounted

EMERGENCY
UNIVERSAL LED BULKHEADS

4.4W **STOCK SAVER**

CONSTRUCTION:

- Polycarbonate body, acrylic sign
- Spring retained drop down sign

FEATURES:

- Self-test, maintained
- LED replacement for T5 emergency bulkheads
- No UV or IR content
- Surface or semi-recessed mounted
- Automatic self-test function: once a week – test lasts 15mins. Twice a year – test lasts 3 hours
- Complete with 4 piece legend set
- Large 4 terminal connector block
- Complete with NiCad battery providing excess of 3 hour emergency discharge duration

2 YRS WARRANTY | **SELF TEST TESTING** | **IP 20 IP RATING** | **OP 220 240 OPERATING VOLTAGE** | **4000K CCT** | **SAFETY CLASS**

	R8MUSTLED-01
Total Power (W):	4.4
Total Light Output (lm):	190 standard
	100 emergency
Lux at 1m (lux):	100/50 emergency
Power Factor (PF):	>0.5
Cap Type:	LED
CCT (K):	4,000
CRI (Ra):	75
Weight (kg):	1.0
Carton Qty:	6

DIMENSIONS (mm)

	Length	Width	Cut-out	Depth
R8MUSTLED-01	350	175	290x140	80
R8MULK-15	350	175	N/A	230

ACCESSORIES

R8MULK-15 UNIVERSAL EMERGENCY dropped legend

Luminaire Spacing (m) On Emergency Escape Routes									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
R8MUSTLED-01	2.5	5.8	4.5	11	8.5	6.3	5	12	9.5
	3	6	4.7	11.5	9	6.5	5.2	12.5	10
	4	6.2	4.9	12	9.5	6.7	5.4	13	10.5
Luminaire Spacing (m) In Anti Panic Open Areas (Incl 0.5m Border Area)									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux		0.5 Lux		0.5 Lux		0.5 Lux	
R8MUSTLED-01	2.5	6		10.5		5		9.5	
	3	6.3		11		5.3		10	
	4	6.6		11.5		5.8		10.5	

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EMERGENCY
DESMOND LED
EMERGENCY DOWNLIGHT

1.5W

CONSTRUCTION:

- Downlight - White powder coated die-cast aluminium housing with stainless steel ceiling retaining spring clip and polycarbonate lens
- Control gear - White polycarbonate Housing
- Battery Pack - White polycarbonate Housing

- **FEATURES:**

- Energy efficient recessed LED emergency downlight with LiFePO4 battery
- Complete kit prewired with plug & play connectors comprising LED downlight, control gear and battery pack
- Provides 3 hour emergency discharge duration
- Green colour LED indicator included

4 YRS WARRANTY	40,000 HRS RATED HOURS	LiFePO4 BATTERY	2 YRS BATTERY WARRANTY	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	140° BEAM ANGLE	170X60° BEAM ANGLE	5700K CCT	SAFETY CLASS
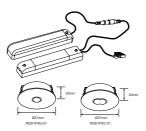
	Corridor	Open Area
	RDD1P5LC-01	**RDD1P5LO-01**
Total Power (W):	1.4	1.3
Emergency Mode Light Output (lm):	170	170
Emergency Mode Illuminance at 1m (lx):	30	20
Beam Angle (deg):	170x60	140
CRI (Ra):	70	70
CCT (K):	5,700	5,700
Power Factor (PF):	0.5	0.5
Weight (kg):	0.18	0.18
Carton Qty:	40	40

DIMENSIONS (mm)	Diameter	Height	Length	Cut-out	Proj
RDD1P5C-01	40	22	173	32-35	3
RDD1P5LO-01	40	22	173	32-35	3

20mm Ø37mm RDD1P5O-01   20mm Ø37mm RDD1P5C-01

Luminaire Spacing (m) On Emergency Escape Routes									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
RDD1P5LC-01	2.4 4	5 6.5	4 5	10 13	8 10	5 6.5	4 5	10 13	8 10
Luminaire Spacing (m) In Anti Panic Open Areas (Incl 0.5m Border Area)									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux		0.5 Lux		0.5 Lux		0.5 Lux	
RDD1P5LO-01	2.4 4	5 6.5		10 13		5 6.5		10 13	

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EMERGENCY
DYNAMO LED

2W

CONSTRUCTION:

- Polycarbonate housing and trim
- Die cast aluminium heat sink
- High quality SMD LED

FEATURES:

- Complete with extension bezel
- C/w 3.6V/3Ah NiCAD rechargeable battery pack
- Non-maintained operation
- Covers existing hole cut-outs up to 110mm diameter for retro-fit requirements or poor/ragged holes cut-outs
- Provides 3 hour emergency operation when the mains power supply is lost

2 YRS WARRANTY	**30,000 HRS** RATED HOURS	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	**150°** BEAM ANGLE	**6500K** CCT	SAFETY CLASS
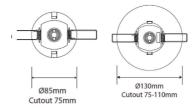
Daylight White — R2WLEDNME-01

Total Power (W):	1.6
Total Light Output (lm):	200
Lux at 1m (lux):	55
CRI (Ra):	75
CCT (K):	6,500
Weight (kg):	0.71
Carton Qty:	10

DIMENSIONS (mm)

	Diameter	Cut-out	Depth	Proj
R2WLEDNME-01	85/130	75/110	65	3

Ø85mm Cutout 75mm

Ø130mm Cutout 75-110mm

Luminaire Spacing (m) On Emergency Escape Routes									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
R2WLEDNME-01	2.5	7	5.5	14	11	7	5.5	14	11
	3	7.3	5.8	14.5	11.5	7.3	5.8	14.5	11.5
	4	7.5	6	15	12	7.5	6	15	12
Luminaire Spacing (m) In Anti Panic Open Areas (Incl 0.5m Border Area)									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Code	Mounting Height (m)	0.5 Lux		0.5 Lux		0.5 Lux		0.5 Lux	
R2WLEDNME-01	2.5	6		13		6		13	
	3	7		14		7		14	
	4	7.3		14.5		7.3		14.5	

Scan here for more product information

EMERGENCY
CARINA EMERGENCY DOWNLIGHT

2.5W · **STOCK SAVER** · **NEW!**

CONSTRUCTION:
- Polycarbonate housing
- High power OSRAM LEDs
- Stainless steel spring clips

FEATURES:
- Selectable between Manual Test facility and Self Test facility that fully automates testing and maintenance process
- High lumen output, suitable for greater mounting heights
- LiFePO4 battery technology provides fast charge, a high number of charge/discharge cycles and a 3 hour emergency light output

3 YRS	**30,000 HRS**	**LiFePO4**	**SELF TEST**	**IP 20**	**IK 04**	**120°**	**OP 220 240**	**6500K**	
WARRANTY	RATED HOURS	BATTERY	TESTING	IP RATING	IK RATING	BEAM ANGLE	OPERATING VOLTAGE	CCT	SAFETY CLASS

	RCN4STO-01
Total Power (W):	2.4
Total Light Output (lm):	320
Beam Angle (deg):	120
CCT (K):	6,500
Weight (kg):	0.25
Carton Qty:	20

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RCN4STO-01	75	30	60

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EMERGENCY
FINCH TWIN SPOT

2.2W **NEW!**

CONSTRUCTION:
- Pressed steel powder-coated housing
- Polycarbonate heads with prismatic diffusers
- High quality LiFePO4 battery

FEATURES:
- Non-maintained
- Standard (RFN2-01) and Self-Test (RFN2ST-01) version available
- Fully Adjustable light heads enabling emergency illumination where required
- 20mm conduit entries on either side and keyhole mounting slots for ease of installation

3 YRS	30,000 HRS	SELF TEST	LiFePO₄	2 YRS	IK 07	IP 20	OP 220 240	110°	90°	6500K	
WARRANTY	RATED HOURS	TESTING	BATTERY	BATTERY WARRANTY	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	ADJUSTMENT ANGLE	CCT	SAFETY CLASS
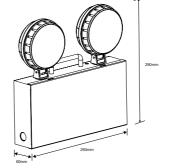
Standard	**RFN2-01**
Self-test	**RFN2ST-01**
Total Power (W):	2.2
Total Light Output (lm):	155x2
Lux at 1m (lux):	50
CCT (K):	6500
CRI (Ra):	80
Power Factor (PF):	0.4
Weight (kg):	1.3
Carton Qty:	8

DIMENSIONS (mm)	Height	Width	Depth
RFN2-01	290	290	60
RFN2ST-01	290	290	60

Scan here for more product information

290mm

290mm

60mm

EMERGENCY
MUSTER IP65 TWIN SPOT

5W

CONSTRUCTION:
- Fully polycarbonate housing and prismatic diffusers
- High quality SMD LED's

FEATURES:
- Built in Self-Test facility and LED charging indicator
- High quality LiFePO4 battery with 3 year warranty
- High quality polycarbonate housing with polycarbonate heads and prismatic diffusers
- 20mm conduit entries on the sides and the back
- Key hole surface mounting slots

5 YRS	50,000 HRS	SELF TEST	3 YRS	LiFePO4	IK 08	IP 65	OP 220 240	100°	90°	6500K	
WARRANTY	RATED HOURS	TESTING	BATTERY WARRANTY	BATTERY	IK RATING	IP RATING	OPERATING VOLTAGE	BEAM ANGLE	ADJUSTMENT ANGLE	CCT	SAFETY CLASS
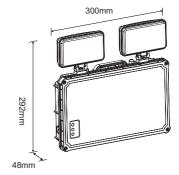
	RMR5LST-01
Total Power (W):	4.7
Total Light Output (lm):	175x2
Lux at 1m (lux):	120
CCT (K):	6500
CRI (Ra):	80
Power Factor (PF):	0.5
Weight (kg):	0.88
Carton Qty:	10

DIMENSIONS (mm)

	Height	Width	Depth
RMR5LST-01	292	300	48

300mm

292mm

48mm

Scan here for more product information

EMERGENCY
EMERGENCY PACK

3W **STOCK SAVER**

FEATURES:
- Completely plug & play with SPACE and STELLAR LED PANELS and GRANADA and VIRTUE LED DOWNLIGHTS therefore no tools required
- Also suitable for ATMOS LED PANELS and MORPH LED DOWNLIGHTS
- Allows fast and simple upgrade of standard fittings to emergency for increased light level or if exit routes change
- The emergency pack is designed to provide high lumen output therefore reducing the number of emergency fittings required compared to many other emergency packs on the market
- Utilises LiFePO$_4$ battery technology
- Provides 3 hour emergency discharge duration

3 YRS WARRANTY	30,000 HRS RATED HOURS	LiFePO$_4$ BATTERY	2 YRS WARRANTY	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

	R3EMPK4-PSU
Total Power (W):	3.5
Power Factor (PF):	0.4
Battery Voltage:	6.5
Battery Capacity:	33.0
Weight (kg):	0.5
Charging Time (hrs):	24
Discharge Time (hrs):	3
Carton Qty:	10

DIMENSIONS(mm)	Length	Width	Height
R3EMPK4-PSU	230	60	37

Scan here for more product information

EMERGENCY
HIGHBAY EMERGENCY PACK

4W **8W** **STOCK SAVER**

FEATURES:

- Self-test emergency pack suitable for use with SONIC4, MULTIBAY, POWERBAY and PRISMOID
- Non-maintained emergency fitting with either 610lm or 1,090lm output
- Comes with brackets, safety strap and counter weight

3 YRS WARRANTY | **30,000 HRS** RATED HOURS | **SELF TEST** TESTING | **LiFePO4** BATTERY | **IK 08** IK RATING | **IP 65** IP RATING | **6500K** CCT | **90/100°** BEAM ANGLE

	R4EMLST	R7EMLST
Total power (W):	4.6	8
CCT(K):	6500	6500
Total light output (lm):	610	1090
CRI	80	80
Beam Angle:	100	90
Weight (kg):	1.7	1.7
Carton Qty:	6	6

DIMENSIONS(mm)	Length	Width	Height
R4EMLST	322	120	102
R7EMLST	322	120	102
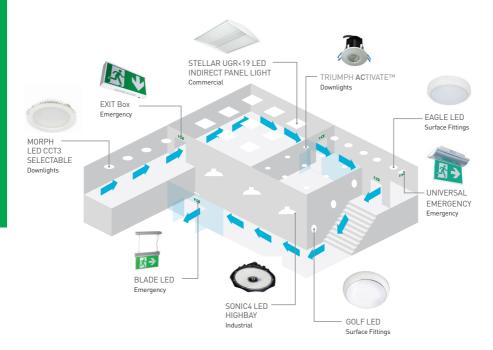
Scan here for more product information

STELLAR UGR<19 LED
INDIRECT PANEL LIGHT
Commercial

TRIUMPH **AC**TIVATE™
Downlights

EXIT Box
Emergency

EAGLE LED
Surface Fittings

MORPH
LED CCT3
SELECTABLE
Downlights

UNIVERSAL
EMERGENCY
Emergency

BLADE LED
Emergency

SONIC4 LED
HIGHBAY
Industrial

GOLF LED
Surface Fittings

An emergency light is a lighting device with a battery pack that switches on automatically when a building suffers a power cut.

An emergency fitting's battery pack is required to power the light fitting for a minimum of 3 hours. To maintain power, the light output from the emergency light fitting is reduced usually to 10% of the regular light output.

Maintained fittings operate and are controlled as normal light fittings with all the other light fittings in the area. When power fails however, the maintained emergency light fitting continues to operate at a reduced light output.

Non-maintained fittings are usually switched off, with their batteries being continuously charged and a green LED showing fully charged. When power fails, non-maintained fittings switch on using the battery power supply. Non-maintained emergency fittings are not part of the general lighting but are more specific functional lighting such as emergency exit signs.

LIGHT LEVELS DURING AN EMERGENCY:

OPEN AREAS
The safest, quickest escape route without obstruction should be lit to a minimum of 1 lux during an emergency. Should the open area be less than 60m2 and is not part of an escape route then emergency lighting is not required. However, the exit doors for the emergency escape route must have signs or an emergency bulkhead.

DESIGNATED CORRIDORS
An escape route should not be obstructed and lit to a minimum of 1 lux during an emergency.

STAIRWELLS
Stairwells have increased hazards, therefore these areas should be lit to a minimum of 2 lux during an emergency.

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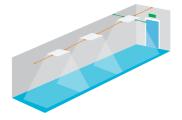
EMERGENCY SPACING TABLES
SPACING TABLES EXPLAINED
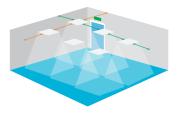
ROBUS emergency spacing tables provide the installer with the information to decide the number of luminaires required for the emergency lighting scheme.

The tables provide maximum distances between luminaires in order to provide Escape Route (1 lux) or Open Area (0.5 lux) emergency lighting at various mounting heights.

Escape Route / Corridor

Open Area

TRANSVERSE is the spacing measurement between the walls and emergency light fittings at right angles to the escape route.

AXIAL refers to the spacing measurement between the wall and/or successive emergency light fittings in the direction parallel to the escape route.

Code	Mounting Height (M)	Escape Route		Open Area	
		Transverse	Axial	Transverse	Axial
RAM40406060-01E	2.4	14	14	16	16
	4	17.5	17.5	19.5	19.5
RAM40506060-01E	2.4	14.5	14.5	16.5	16.5
	4	18	18	20	20

Luminaire Spacing (m) On Emergency Escape Routes									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Product Code	Mounting Height (m)	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
ATMOS									
RAM40406060E-01	**2.5** **3** **4**	7.2 7.7 8.2	5.6 6.1 6.6	14 15 16	11 12 13	7.2 7.7 8.2	5.6 6.1 6.6	14 15 16	11 12 13
RAM40506060E-01	**2.5** **3** **4**	7.2 7.7 8.2	5.6 6.1 6.6	14 15 16	11 12 13	7.2 7.7 8.2	5.6 6.1 6.6	14 15 16	11 12 13
STELLAR									
RSL28406060-01E	**2.4** **4**	7 8.7	5.7 6.7	14 17.5	11.5 13.5	7 8.7	5.7 6.7	14 17.5	11.5 13.5
CAESAR									
RCA484012E-01	**2.5** **3** **4**	6.7 7.2 7.7	4.6 5.4 6.1	13 14 15	9 10.5 12	8.2 8.7 9.1	6.1 6.6 7.2	16 17 18	12 13 14
RCA484015E-01	**2.5** **3** **4**	6.7 7.2 7.7	4.6 5.4 6.1	13 14 15	9 10.5 12	8.2 8.7 9.1	6.1 6.6 7.2	16 17 18	12 13 14
RCA804015E-01	**2.5** **3** **4**	6.7 7.2 7.7	4.6 5.4 6.1	13 14 15	9 10.5 12	8.2 8.7 9.1	6.1 6.6 7.2	16 17 18	12 13 14
VULCAN									
RVUF405FTE-24	**2.5** **3** **4**	7.1 7.6 8.6	5.6 5.8 6.1	14 15 17	11 11.5 12	7.6 8.3 9.1	6.1 6.4 6.6	15 16.5 18	12 12.5 13
RVUF805FTE-24	**2.5** **3** **4**	7.1 7.6 8.6	5.6 5.8 6.1	14 15 17	11 11.5 12	7.6 8.3 9.1	6.1 6.4 6.6	15 16.5 18	12 12.5 13
SULTAN									
RSUF484FTE-24	**2.5** **3** **4**	7.7 8.2 8.7	5.8 6.4 7.2	15 16 17	11.5 12.5 14	8.2 8.7 9.7	6.4 6.9 7.6	16 17 19	12.5 13.5 15
RSUF405FTE-24	**2.5** **3** **4**	7.1 7.6 8.6	5.6 5.8 6.1	14 15 17	11 11.5 12	7.6 8.3 9.1	6.1 6.4 6.6	15 16.5 18	12 12.5 13
RSUF805FTE-24	**2.5** **3** **4**	7.1 7.6 8.6	5.6 5.8 6.1	14 15 17	11 11.5 12	7.6 8.3 9.1	6.1 6.4 6.6	15 16.5 18	12 12.5 13

Luminaire Spacing (m) In Anti Panic Open Areas (Incl 0.5m Border Area)					
		Transverse Distance to Wall	Transverse to Transverse	Axial Distance to Wall	Axial to Axial
Product Code	Mounting Height (m)	0.5 Lux	0.5 Lux	0.5 Lux	0.5 Lux
ATMOS					
RAM40406060E-01	2.5 3 4	6.8 7.3 7.5	13.5 14.5 15.5	6.8 7.3 7.5	13.5 14.5 15.5
RAM40506060E-01	2.5 3 4	6.8 7.3 7.5	13.5 14.5 15.5	6.8 7.3 7.5	13.5 14.5 15.5
STELLAR					
RSL28406060-01E	2.4 4	7 8.7	14 17.5	7 8.7	14 17.5
CAESAR					
RCA484012E-01	2.5 3 4	6.5 6.8 7.3	12.5 13.5 14.5	7.5 8.3 8.8	15.5 16.5 17.5
RCA484015E-01	2.5 3 4	6.5 6.8 7.3	12.5 13.5 14.5	7.5 8.3 8.8	15.5 16.5 17.5
RCA804015E-01	2.5 3 4	6.5 6.8 7.3	12.5 13.5 14.5	7.5 8.3 8.8	15.5 16.5 17.5
VULCAN					
RVUF405FTE-24	2.5 3 4	6.8 7.3 8.3	13.5 14.5 16.5	7.3 8 8.8	14.5 16 17.5
RVUF805FTE-24	2.5 3 4	6.8 7.3 8.3	13.5 14.5 16.5	7.3 8 8.8	14.5 16 17.5
SULTAN					
RSUF484FTE-24	2.5 3 4	7.3 7.8 8.3	14.5 15.5 16.5	7.8 8.3 9.5	15.5 16.5 18.5
RSUF405FTE-24	2.5 3 4	6.8 7.3 8.3	13.5 14.5 16.5	7.3 8 8.8	14.5 16 17.5
RSUF805FTE-24	2.5 3 4	6.8 7.3 8.3	13.5 14.5 16.5	7.3 8 8.8	14.5 16 17.5

Luminaire Spacing (m) On Emergency Escape Routes									
		Transverse Distance to Wall		Transverse to Transverse		Axial Distance to Wall		Axial to Axial	
Product Code	Mounting Height (m)	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
HARBOUR									
RHA20402FT-24E	**2.5** 3 4	7.5 6.3 8.5	5.75 4.8 6.5	15 12.7 17	11.5 8.5 13	6.5 9.7 8	5.25 4.5 6	13 12 16	10.5 9 12
RHA40404FT-24	**2.5** 3 4	7.5 6.3 8.5	5.75 4.8 6.5	15 12.7 17	11.5 8.5 13	6.5 9.7 8	5.25 4.5 6	13 12 16	10.5 9 12
RHA28405FT-24E	**2.5** 3 4	7.5 6.3 8.5	5.75 4.8 6.5	15 12.7 17	11.5 8.5 13	6.5 9.7 8	5.25 4.5 6	13 12 16	10.5 9 12
EAGLE									
REES7P040E-01	**2.5** 3 4	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9
REEM01040E-01	**2.5** 3 4	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9
REEM01540E-01	**2.5** 3 4	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9
REEL02440E-01	**2.5** 3 4	6.3 6.9 7.2	5.2 5.4 6.1	12.5 13.5 14.5	10 10.5 12	6.3 6.9 7.2	5.2 5.4 6.1	12.5 13.5 14.5	10 10.5 12
HAWK									
RHKM01040E-01	**2.5** 3 4	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9
RHKM01540E-01	**2.5** 3 4	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9	5.2 5.7 6.2	4.1 4.3 4.6	10 11 12	8 8.5 9
GOLF									
R075LEDE-01	**2.5** 3 4	6.2 6.8 7.2	4.8 5.2 5.4	12 13 14	9.5 10 10.5	6.2 6.8 7.2	4.8 5.2 5.4	12 13 14	9.5 10 10.5
R100LEDE-01	**2.5** 3 4	6.2 6.8 7.2	4.8 5.2 5.4	12 13 14	9.5 10 10.5	6.2 6.8 7.2	4.8 5.2 5.4	12 13 14	9.5 10 10.5
R150LEDE-01	**2.5** 3 4	6.2 6.8 7.2	4.8 5.2 5.4	12 13 14	9.5 10 10.5	6.2 6.8 7.2	4.8 5.2 5.4	12 13 14	9.5 10 10.5

EMERGENCY SPACING INFORMATION
SPACING TABLES

Luminaire Spacing (m) In Anti Panic Open Areas (Incl 0.5m Border Area)					
		Transverse Distance to Wall	Transverse to Transverse	Axial Distance to Wall	Axial to Axial
Product Code	Mounting Height (m)	0.5 Lux	0.5 Lux	0.5 Lux	0.5 Lux
HARBOUR					
RHA20402FT-24E	**2.5** **3** **4**	7.5 6.3 8.5	15 12.7 17	6.5 9.7 8	13 12 16
RHA40404FT-24	**2.5** **3** **4**	7.5 6.3 8.5	15 12.7 17	6.5 9.7 8	13 12 16
RHA28405FT-24E	**2.5** **3** **4**	7.5 6.3 8.5	15 12.7 17	6.5 9.7 8	13 12 16
EAGLE					
REES7P040E-01	**2.5** **3** **4**	5 5.5 6	9.5 10.5 11.5	5 5.5 6	9.5 10.5 11.5
REEM01040E-01	**2.5** **3** **4**	5 5.5 6	9.5 10.5 11.5	5 5.5 6	9.5 10.5 11.5
REEM01540E-01	**2.5** **3** **4**	5 5.5 6	9.5 10.5 11.5	5 5.5 6	9.5 10.5 11.5
REEL02440E-01	**2.5** **3** **4**	6.1 6.8 7.1	12.1 13 14	5.2 5.4 6.1	12.1 13 14
HAWK					
RHKM01040E-01	**2.5** **3** **4**	5 5.5 6	9.5 10.5 11.5	5 5.5 6	9.5 10.5 11.5
RHKM01540E-01	**2.5** **3** **4**	5 5.5 6	9.5 10.5 11.5	5 5.5 6	9.5 10.5 11.5
GOLF					
R075LEDE-01	**2.5** **3** **4**	6 6.5 7	11.5 12.5 13.5	6 6.5 7	11.5 12.5 13.5
R100LEDE-01	**2.5** **3** **4**	6 6.5 7	11.5 12.5 13.5	6 6.5 7	11.5 12.5 13.5
R150LEDE-01	**2.5** **3** **4**	6 6.5 7	11.5 12.5 13.5	6 6.5 7	11.5 12.5 13.5

LAMPS

362
DELPHI LED LAMP

365
GU10 CONNECT LAMP

364
GLS CONNECT LAMP

366
FILAMENT CONNECT LAMP

LAMPS
DELPHI LED LAMPS

4.5W   **5W**

CONSTRUCTION:

- Polycarbonate LEDChroic lens and diffuser
- Aluminium & FR4 laminate PCB

FEATURES:

- Suitable for use in fire rated downlights
- LED replacement for 50W Halogen downlights
- 35° beam angle
- No UV or infra-red content
- Die cast aluminium, plastic coated housing and polycarbonate lens
- GU10 cap type
- High quality, high brightness SMD LEDs providing high efficacy of up to 105lm/W
- Wide operating ambient temperature range of -20°C to +40°C
- Suitable for switching by PIR, Microwave or Photocell

| 2 YRS WARRANTY | 25,000 HRS RATED HOURS | 92–105 LmW LUMENS PER W | IP 20 IP RATING | OP 220 240 OPERATING VOLTAGE | 35° BEAM ANGLE | 2700K 3000K 4000K 1800K-2700K CCT | 5W VERSION DIMMABLE | SAFETY CLASS |

DIMENSIONS(mm)
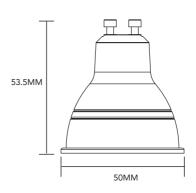
	Diameter	Height
RDH4P530	50	53.5
RDH4P540	50	53.5
RDH5P027DU	50	53.5
RDH5P030DU	50	53.5
RDH5P040DU	50	53.5
RDH5P5D2W	50	53.5

53.5MM

50MM

Scan here for more product information

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LAMPS
DELPHI LED LAMPS

White	Non-Dimmable	Non-Dimmable	Dimmable	Dimmable	Dimmable
	RDH4P530	**RDH4P540**	**RDH5P027DU**	**RDH5P030DU**	**RDH5P040DU**
Comparable to:	50W Halogen	50W Halogen	50W Halogen	50W Halogen	50W Halogen
Total Power (W):	4.2	4.3	4.9	4.9	4.9
Total Light Output (lm):	420	450	460	450	470
Efficacy (lm/cctW):	102	105	94	92	96
Lux at 1m (lux):	640	710	700	710	740
CCT (K):	3000	4000	2700	3000	4000
CRI (Ra):	80	80	80	80	80
Power Factor (PF):	0.5	0.5	0.9	0.9	0.9
Weight (kg):	0.03	0.03	0.04	0.04	0.04
Carton Qty:	100	100	100	100	100
	F A↑G	F A↑G	F A↑G	F A↑G	F A↑G

Silver	Dim to Warm
	RDH5P5D2W
Comparable to:	50W Halogen
Total Power (W):	5.6
Total Light Output (lm):	540
Efficacy (lm/cctW):	96
Lux at 1m (lux):	760
CCT (K):	1800-2700
CRI (Ra):	80
Power Factor (PF):	0.5
Weight (kg):	0.04
Carton Qty:	100
	F A↑G

LAMPS
GLS CONNECT

7W **8W** **CCT2** **RGBW** NEW! ROBUS Connect

CONSTRUCTION:

- All polycarbonate envelope
- Steel cap-base
- Aluminium/FR4 Composite PCB

FEATURES:

- Smart device enabled, works with iOS and Android via the ROBUS CONNECT App
- Connects with Amazon Alexa and Google Home via Wi-Fi with no need for a hub
- Multiple lamps can be controlled via single App
- Adjustable light output between 10-100%
- Die cast aluminium, plastic coated housing with polycarbonate diffuser
- Available in E27 and B22 cap versions
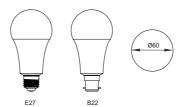
2YRS WARRANTY	25,000 HRS RATED HOURS	77-103 LmW LUMENS PER W	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	CCT2 RGBWW CCT	140°/180° BEAM ANGLE	VOICE CONTROL	NO HUB REQUIRED	SAFETY CLASS

	Tunable white	RGB + 2700-6500
E27	**RCG8CXE27**	**RCG7RGBCXE27**
B22	**RCG8CXB22**	**RCG7RGBCXB22**
Comparable to:	75W Incandescent	60W Incandescent
Total Power (W):	7.8-8.1	6.9-7.0
Total Light Output (lm):	740-820	530-610
Efficacy (lm/cctW):	95-103	77-89
Beam Angle:	180	140
Lux at 1m (lux):	110-120	100-110
CCT (K):	2700-6500	RGB + 2700-6500
CRI (Ra):	80	80
Power Factor (PF):	0.5	0.5
Weight (kg):	0.07	0.05
Carton Qty:	100	100

DIMENSIONS(mm)	Diameter	Height
RCG8CXE27	60	122
RCG8CXB22	60	122
RCG8CXE27	60	122
RCG8CXB22	60	122

E27   B22

Ø60

Scan here for more product information

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LAMPS
GU10 CONNECT

5W **CCT2** **RGBW** ROBUS connect

CONSTRUCTION:

- All polycarbonate envelope
- Steel cap-base
- Aluminium/FR4 Composite PCB

FEATURES:

- Smart device enabled, works with iOS and Android via the ROBUS CONNECT App
- Connects with Amazon Alexa and Google Home via Wi-Fi with no need for a hub
- Multiple lamps can be controlled via single App
- Suitable for use in fire rated downlights
- LED replacement for 50W Halogen downlights
- No UV or infra-red content
- Wide operating ambient temperature range of -20°C to +40°C

2 YRS WARRANTY	25,000 HRS RATED HOURS	68–93 LmW LUMENS PER W	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE	CCT2 RGBWW CCT	110° BEAM ANGLE	VOICE CONTROL	NO HUB REQUIRED	SAFETY CLASS
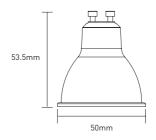
	Tunable white	RGB + Tunable white
	RCGU5CX	**RCGU5RGBCX**
Comparable to:	50W halogen	50W halogen
Total Power (W):	5.2-5.3	5.0-5.1
Total Light Output (lm):	430-480	370-410
Efficacy (lm/cctW):	83-93	74-82
Lux at 1m (lux):	930-1070	120-130
CCT (K):	2700-6500	2700-6500
CRI (Ra):	80	80
Power Factor (PF):	0.5	0.5
Weight (kg):	0.03	0.03
Box Qty:	100	100

G | A

DIMENSIONS (mm)	Diameter	Depth
RCGU5CX	50	53.5
RCGU5RGBCX	50	53.5

53.5mm

50mm

Scan here for more product information

LAMPS
FILAMENT CONNECT

5W ROBUS connect

CONSTRUCTION:

- All polycarbonate envelope
- Steel cap-base
- Aluminium/FR4 Composite PCB

FEATURES:

- Smart device enabled, works with iOS and Android via the ROBUS CONNECT App
- Connects with Amazon Alexa and Google Home via Wi-Fi with no need for a hub
- Multiple lamps can be controlled via single app
- LED replacement for 40W incandescent lamps
- Wide operating ambient temperature range of -20°C to +40°C

2 YRS	20,000 HRS	70 LmW	IP 20	OP 220 240	2000K		NO HUB REQUIRED	
WARRANTY	RATED HOURS	LUMENS PER W	IP RATING	OPERATING VOLTAGE	CCT	VOICE CONTROL	NO HUB REQUIRED	SAFETY CLASS
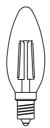
	Candle
B15	**RCFC522B15**
E14	**RCFC522E14**
Total Power (W):	5.2
Total Light Output (lm):	360
Power Factor (PF):	0.55
Lux at 1m (lux):	15
CRI (Ra):	80
CCT (K):	2000
Weight (kg):	0.02
Carton Qty:	100

DIMENSIONS (mm)	Width	Height
RCFC522B15	35	111
RCFC522E14	35	111

Scan here for more product information

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LIGHTING CONTROLS

LIGHTING CONTROLS
PROTON INTERNAL 360° PIR

CONSTRUCTION:

• Polycarbonate Sensor Body

FEATURES:

• Passive infra red ensures light is switched on when sensor detects movement of heat, switched off when area is vacated. Minimises false / unwanted triggering
• Manual over ride with automatic reset after 8 hours
• Large terminals accept 2 x 1.5mm^2 conductors in each terminal. Facility for loop in loop out
• Earth terminal included
• 3 wire - multiple sensors can be wired in parallel
• Easy access to adjust time and lux controls once PIR installed

5 YRS WARRANTY	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	SAFETY CLASS
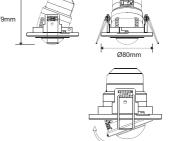
	RPR360PIRR-01
Detection Area:	360º
Motion Detection Range:	6m diameter at 2.8M
Loading:	Max 400W fluorescent Max 400W LED Max 800W incandescent
Time Settings:	10 seconds to 15 minutes adjustable
Lux Settings:	3-2000lx
Weight (kg):	0.11
Carton Qty:	40

ECA Eligible

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RPR360PIRR-01	80	78	66

79mm

Ø80mm

Scan here for more product information

2.8m

360°

6m

LIGHTING CONTROLS
PROTON INTERNAL 360° PIR FLUSH FRONT

CONSTRUCTION:

• Polycarbonate Sensor Body

FEATURES:

• Passive infra red ensures light is switched on when sensor detects movement of heat, switched off when area is vacated. Minimises false / unwanted triggering

• Complete with accessory shield to narrow beam angle

• Manual over ride with automatic reset after 8 hours

• Large terminals accept 2 x 1.5mm^2 conductors in each terminal. Facility for loop in loop out

• Unobtrusive flush face design

5 YRS ✓	IP 20	OP 220 240	SAFETY CLASS
WARRANTY	IP RATING	OPERATING VOLTAGE	SAFETY CLASS

	RPR360PIRF-01
Detection Area:	360º
Motion Detection Range:	5m diameter at 2.8M
Loading:	Max 300W fluorescent Max 300W LED Max 1,200W incandescent
Time Settings:	10 seconds to 15 minutes adjustable
Lux Settings:	3-2000lx
Weight (kg):	0.1
Carton Qty:	40

ECA Eligible
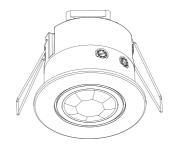
DIMENSIONS (mm)	Diameter	Depth	Cut-out
RPR360PIRF-01	76	66	62

Scan here for more product information

2.8m   360°

5m

LIGHTING CONTROLS
UNIVERSAL 360° PIR PRESENCE DETECTOR

Surface

Recessed

FEATURES:

- Injection moulded ABS body – impact resistant
- Plug in terminal block and sensor module
- Large terminals accept 2 x 1.5mm^2 conductors in each terminal; facility to loop in/loop out to parallel sensors or multiple fittings
- Adjustable time delay of 10sec to 40min ensures that lighting is switched off with required delay
- Adjustable lux setting of 10 to 2000lx
- Detection range 360°, detection distance 10m at 2.8m mounting height
- Passive infra-red; ensures light is switched on when sensor detects movement of heat, therefore lighting is switched off when the area is vacated and minimize false/unwanted triggering

5 YRS WARRANTY	IP 20/44 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

Surface /Recessed	**RU360-01**
Detection Area:	360º
Motion Detection Range:	10m diameter at 2.8m
Occupancy Detection Range:	6m diameter at 2.8m
Loading:	Max 600W fluorescent Max 300W LED Max 2,000W incandescent
Time Settings:	10 sec to 40 minutes adjustable
IP:	Surface - 20 Recessed - 44
Lux Settings:	10-2000lx
Weight (kg):	0.24
Carton Qty:	10

ECA Eligible

Scan here for more product information
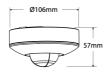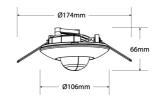
DIMENSIONS (mm)	Diameter	Height	Cut-out
RU360-01	106	57	84

Ø106mm
57mm

Ø174mm
66mm
Ø106mm

360°
2.8m
6m
10m

LIGHTING CONTROLS
PROTON MOTION DETECTOR 360°, RECESSED

FEATURES:

- Suitable for recessed indoor applications
- Injection moulded ABS body - impact resistant
- Clear terminal cover, integral clamp and large mains terminals for 2 x 1.5mm^2 conductors
- Terminations are safe and visible and enables loop-in/loop-out for supply to other sensors
- Passive infra red; ensures light is switched on when sensor detects movement of heat, therefore lighting is switched off when the area is vacated and minimize false/unwanted triggering
- Detection range 360°, detection distance 9m at 2.8m mounting height

5 YRS WARRANTY	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	SAFETY CLASS

	RR360-01
Detection Area:	360º
Motion Detection Range:	9m diameter at 2.8m
Loading:	Max 600W fluorescent Max 300W LED Max 2,000W incandescent
Time Settings:	5 Seconds to 15 minutes adjustable
Lux Settings:	2-2000lx
Weight (kg):	0.11
Carton Qty:	10

ECA Eligible

DIMENSIONS (mm)	Diameter	Depth	Cut-out
RR360-01	75	60	62

Scan here for more product information

360°
2.8m
9m

LIGHTING CONTROLS
PROTON MOTION DETECTOR 360°, SURFACE

FEATURES:

- Surface mount PIR with rear entry
- Large push terminals accept 2 x 1.5mm2 conductors, suitable for loop in and loop out.
- Time, Lux and Sensitivity adjustable
- Manual override
- Detection range 360°, detection distance 12m at 3m mounting height

5 YRS WARRANTY	**IP 20** IP RATING	**OP 220 240** OPERATING VOLTAGE	SAFETY CLASS

RPR360PIRS-01	
Detection Area:	360°
Motion Detection Range:	Ø12m @ 3m height
Loading:	Max 500W Fluorescent Max 150W LED Max 1,600W incandescent
Time Settings:	10s-15min minutes adjustable
Lux Settings:	2-2,000lux
Weight (kg):	0.24
Carton Qty:	50

DIMENSIONS (mm)	Diameter	Depth
RPR360PIRS-01	117	32

Scan here for more product information

LIGHTING CONTROL
PROTON EXTERNAL MOTION DETECTOR 180°

FEATURES:

- Weatherproof housing
- Injection moulded ABS body providing high impact resistant
- 180° detection area. Max detection range of 12m at mounting height of 2.5m
- Manual override facility with automatic reset after 8hrs
- High load contact rating allows numerous fittings to be switched
- Suitable for loop-in/loop-out to parallel sensor or multiple fittings
- No minimum load requirements
- Adjustable time delay of 10sec to 10min ensures that lighting is switched off with required delay
- Adjustable lux setting of 2lx to 2000lx
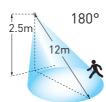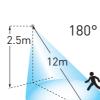
5YRS WARRANTY	IP 44 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

White	**R180-01**
Black	**R180-04**

Detection Area:	180º
Motion Detection Range:	12m diameter at 2.5m
Loading:	Max 300W fluorescent
	Max 150W LED
	Max 1,000W incandescent
Time Settings:	10 sec to 10 minutes adjustable
Lux Settings:	2-2000lx
Weight (kg):	0.36
Carton Qty:	30

ECA Eligible

DIMENSIONS (mm)	Width	Length	Height
R180-01	75	130	85
R180-04	75	130	85

Scan here for more product information

2.5m   180°

12m

LIGHTING CONTROLS
PROTON EXTERNAL
MULTI-DIRECTIONAL 180° PIR

CONSTRUCTION:

- Polycarbonate Sensor Body
- Available in white or black

FEATURES:

- Injection moulded ABS body - impact resistant

- Clear terminal cover, integral clamp and large mains terminals for 2 x 1.5mmý conductors

- Terminations are safe and visible and enables loop-in/loop-out for supply to other sensors

- Passive infra red; ensures light is switched on when sensor detects movement of heat, therefore lighting is switched off when the area is vacated and minimize false/unwanted triggering

5 YRS WARRANTY	IP 54 IP RATING	OP 220 240 OPERATING VOLTAGE	180° SWIVEL ANGLE	SAFETY CLASS
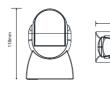
White	**RPR180PIR-01**
Black	**RPR180PIR-04**

Detection Area:	180º
Motion Detection Range:	12m diameter at 2.5m
Loading:	Max 300W fluorescent
	Max 300W LED
	Max 1,200W incandescent
Time Settings:	10 sec to 15
	minutes adjustable
Lux Settings:	3-2000lx
Weight (kg):	0.16
Carton Qty:	40
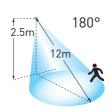
DIMENSIONS (mm)	Height	Width	Length
RPR180PIR-01	51	80	118
RPR180PIR-04	51	80	118

ACCESSORIES
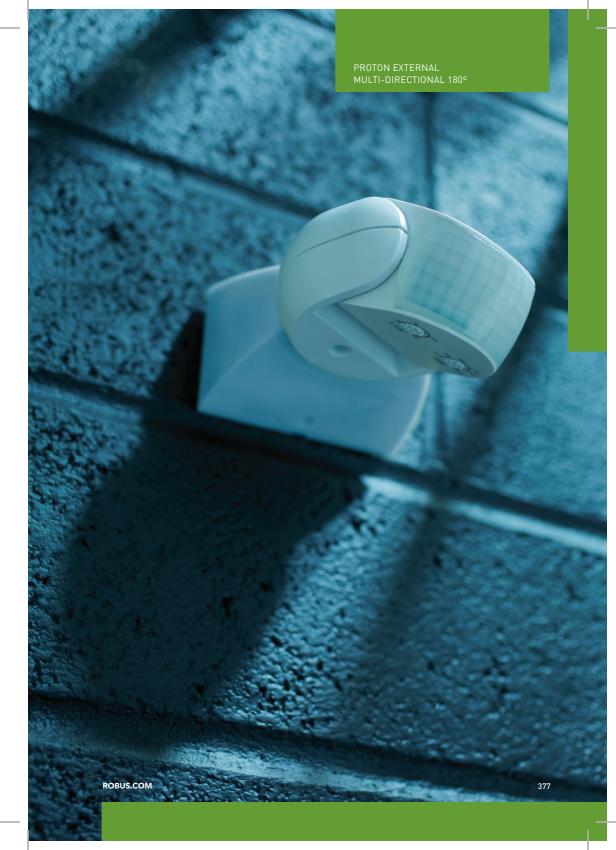
RPRBRK-01	Corner mount accessory, white
RPRBRK-04	Corner mount accessory, black

118mm 80mm 51mm

Scan here for more product information

2.5m 180° 12m

LIGHTING CONTROL
PROTON 180º EXTERNAL PIR, WALL MOUNTED

CONSTRUCTION:

• Polycarbonate Sensor Body

• Available in white or black

FEATURES:

• Passive infra red ensures light is switched on when sensor detects movement of heat, switched off when area is vacated. Minimises false / unwanted triggering

• Suitable for outdoor sheltered applications

• Manual over ride with automatic reset after 8 hours

• Large terminals accept 2 x 1.5mm2 conductors in each terminal. Facility for loop in loop out

• Earth terminal included

• 3 wire - multiple sensors can be wired in parallel

• High load contact rating, allows numerous fittings to be switched

5YRS WARRANTY	IP 44 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS
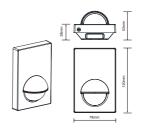
	RPR180PIRW-01
Detection Area:	180º
Motion Detection Range:	12m diameter at 2.5m
Loading:	Max 300W fluorescent
	Max 300W LED
	Max 1,200W incandescent
Time Settings:	10 sec to 15 minutes adjustable
Lux Settings:	3-2000lx
Weight (kg):	0.13
Carton Qty:	40

DIMENSIONS (mm)	Length	Width	Depth
RPR180PIRW-01	120	78	28
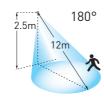
ACCESSORIES

RPBRKW-01	Corner mount accessory, white

Scan here for more product information

2.5m

180°

12m

LIGHTING CONTROLS
PROTON 360° WALL / CEILING MOUNT PIR

CONSTRUCTION:
- Polycarbonate housing
- Polyethylene diffuser

FEATURES:
- IP54 - Suitable for indoor or outdoor use
- Directional sensing head allows wall or ceiling mounting
- Detection area control uses Infra-Red technology so only switches on heat movement
- Manual override function with automatic reset after 8 hours
- 3 wire connection so multiple sensors can be wired in parallel
- Large terminals accept 2 x 1.5mm loop in/out conductors
- No minimum load requirement

3 YRS ✔ WARRANTY	**IP 54** IP RATING	**OP 220 240** OPERATING VOLTAGE	**90°** SWIVEL ANGLE	SAFETY CLASS
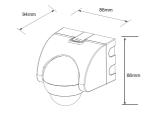
	RPR360IP44-01
Detection Area:	360°
Motion Detection Range:	10m diameter at 2.5m
Loading:	Max 300W fluorescent Max 150W LED Max 1,000W incandescent
Time Settings:	10 seconds to 15 minutes adjustable
Lux Settings:	10-2000
Weight (kg):	0.16
Carton Qty:	50

DIMENSIONS (mm)	Height	Width	Depth
RPR360IP44-01	86	86	94

94mm   86mm

86mm

180°   R6m   1.8-2.5m

120°   10m   1.8-2.5m

360°   Ø10m   1.8-2.5m

Scan here for more product information
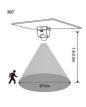
LIGHTING CONTROL
RADAR 360° MW SENSOR

FEATURES:

- Suitable for indoor and outdoor applications

- Weatherproof IP65 polycarbonate housing with nickel plated stainless steel mount

- Surface mounted

- Power consumption of <0.7W

5 YRS ✓	**IK 10**	**IP 65**	**OP 100 240**	▣
WARRANTY	IK RATING	IP RATING	OPERATING VOLTAGE	SAFETY CLASS
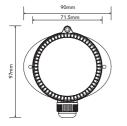
DIMENSIONS (mm)	Length	Width	Height	Diameter
RRD360MW-01	97	90	61	71.5

This sensor's primary function is to save energy when the detection area is not occupied. It requires the fitting to have a 1-10VDC dimmable driver and can control up to 800W of LED load. Parameters are selected via dip-switches on the sensor.

These sensors provide a 3-step control function where:
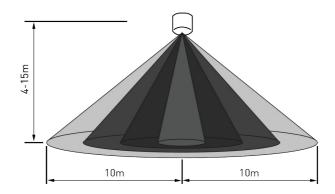
I. Detection triggers light output to 100% (May be inhibited by lux setting)
II. After time-out it reduces light output to a selectable standby level for a standby time (this may be indefinite) before:
III. Turning the output to the driver off

Scan here for more product information

LIGHTING CONTROL
RADAR 360° MW SENSOR

	RRD360MW-01
Detection Area:	360º
Min/Max mounting height (m):	Max 15m
Detection zone diameter at Min/Max mounting height (m):	Max 10m
Detection Angle (deg):	360
Sensitivity (%):	50/100
Loading:	Max 800W fluorescent Max 800W LED Max 1,200W incandescent
Hold Times:	5s/30s/90s/3min/5min/10min/20min/30min
Lux Switching Levels (lx):	2/10/50/Full Daylight
Default Standby Level Before Off (%):	10/20/30/50
Standby Times Before Off (min):	0s/10s/60s/5min/10min/30min/60min/∞
Weight (kg):	0.31
Carton Qty:	20

Detection Zone

4–15m

10m   10m

LIGHTING CONTROLS
MICROWAVE DAYLIGHT HARVEST SENSOR

CONSTRUCTION:

- All polycarbonate construction

FEATURES:

- Suitable for use in wet or dusty environments
- Very sensitive to movement of people and objects such as fork lifts so ensures lighting will be triggered on when required
- The unit can be set to a range of target set point light levels
- It also provides a safety lighting level

5 YRS WARRANTY	IK 10 IK RATING	IP 65 IP RATING	OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

RDLHRV-HMW32S	
Detection Area:	360º
Mounting Height:	4m to 15m
Detection Range:	10m
Loading:	Max 800W fluorescent Max 800W LED Max 1,600W incandescent
Time Settings:	5 seconds to 30 minutes adjustable
Lux Settings:	3-2000lx
Stand-by level:	10% - 50%
Weight (kg):	0.21
Carton Qty:	32
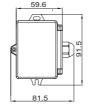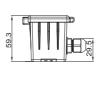
DIMENSIONS (mm)	Length	Width	Height
RDLHRV-HMW32S	91.5	81.5	59.3

ACCESSORIES

HRC-11	Remote control

Scan here for more product information

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LIGHTING CONTROLS
MOTION SENSOR
(PIR AND MW)

CONSTRUCTION:

- All polycarbonate construction

FEATURES:

- Unique design incorporating both PIR and microwave sensors
- Weatherproof IP65 housing
- Remote controller available as accessory (HRC-11)
- Maximum mounting height of 15m
- Power consumption of <0.5W
- Detection angle of 360°
- Maximum detection diameter is 18m at max 15m height
- Multiple duration hold time intervals from 30s to 30min

5 YRS ✓	IK 10	IP 65	OP 220 240	□
WARRANTY	IK RATING	IP RATING	OPERATING VOLTAGE	SAFETY CLASS
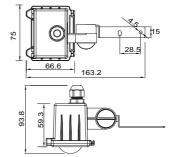
RPIRMW-HIM31S	
Detection Area:	360º
Mounting Height:	2.5m -15m
Detection Range:	5m -18m
Loading:	Max 800W fluorescent Max 800W LED Max 1,000W incandescent
Time Settings:	2 seconds to 30 minutes adjustable
Lux Settings:	2-500lx
Stand-by level:	10% - 50%
Weight (kg):	0.3
Carton Qty:	12

DIMENSIONS (mm)	Length	Width	Height
RPIRMW-HIM31S	163	75	94

ACCESSORIES

HRC-11	Remote control

Scan here for more product information

LIGHTING CONTROLS
ELECTRONIC TRANSFORMER

FEATURES:

- Integral thermal fuse to ensure safety
- C/w 250mm flying leads
- Dimmable with standard dimmers
- Integral radio interference suppression
- Flat profile, suitable for furniture
- Radio interference suppression
- Large mains terminal for loop in & loop out – no need for junction box

5 YRS WARRANTY	IP 20 IP RATING	220 240 / 12V OPERATING VOLTAGE	DIMMABLE	SAFETY CLASS

	RM105DN
Total Power (W):	105
Weight (kg):	0.13
Carton Qty:	50

DIMENSIONS (mm)	Length	Width	Height
RM105DN	120	45	25

Scan here for more product information

LIGHTING CONTOLS
SWIFT CONNECTOR

FEATURES:

- 4-pole male connector allows in line emergency power supplies to be connected to DOB LED downlights
- Large terminals accept 3 x 1.5 mm² multi-strand or solid conductors

2 YRS WARRANTY

OP 220 240 OPERATING VOLTAGE

	RSW44-P
Weight (kg):	0.1
Carton Qty:	216

DIMENSIONS (mm)	Length	Height	Width
RSW44-P	122	22.5	43

Scan here for more product information

The ROBUS SWIFT CONNECTOR system saves time and money by providing a fast and simple method of connecting an infinite number of standard and emergency fittings to the wiring infrastructure

It utilises 4 poles, each of which is able to accept 3 x 1.5mm² or 2 x 2.5mm² conductors on the supply (female side) and has cable restraint for 3 x 4 core cables. These would typically consist of:

Cable 1: Permanent live, earth & neutral

Cable 2: Earth, live & switched live to/from switch

Cable 3: Loop out permanent live, neutral, earth and switched live to additional fittings

LIGHTING CONTROLS
LOADPRO 250W LED GRID DIMMER

CONSTRUCTION:

• Polycarbonate Housing

• Large screw terminals

• Min and max leve adjustment knobs

FEATURES:

• Compatible with most ROBUS dimmable Luminaires (compatibility list available on the website)

• Compatible with MK Logic, Schneider, Hamilton, BG, Crabtree, DETA, Hager and Wandsworth grid systems

• Equipped with overload protection for enhanced security

• Suitable for one and two way switching

3 YRS WARRANTY	IP 20 IP RATING	OP 220 240 OPERATING VOLTAGE

DIMMABLE
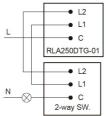
SAFETY CLASS

	RLA250DTG-01	
Load Ratings	Min	Max
LED:	5W	250W
Weight (kg):		0.03
Carton Qty:		60

DIMENSIONS (mm)	Length	Width	Depth
RLA400DT-01	59	26	44

TWO WAY DIMMER CIRCUIT

L

L2
L1
C
RLA250DTG-01

N

L2
L1
C
2-way SW.

ONE WAY DIMMER CIRCUIT

L

N

L2
L1
C
RLA250DTG-01

Scan here for more product information

LIGHTING CONTROLS
LOADPRO 400W DIMMER

FEATURES:

- Trailing edge electronic dimmer optimised for LED loads
- Suitable for 2 way switching
- Min load of 3W
- Max LED load of 150W
- Max resistive load of 400W
- Compatible with standard grid sizes
- Soft start
- Push on/off operation
- Overload protection
- Fits standard 41mm depth box

3 YRS WARRANTY
IP 20 IP RATING
OP 220 240 OPERATING VOLTAGE
DIMMABLE
SAFETY CLASS
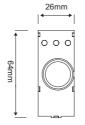
	RLA400DT-01	
Load Ratings	**Min**	**Max**
LED:	3W	150W
Weight (kg):		0.03
Carton Qty:		100
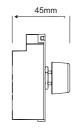
DIMENSIONS (mm)	Length	Width	Depth
RLA400DT-01	64	26	45

26mm 45mm 64mm

Scan here for more product information

LIGHTING CONTOLS
LED WALL PLATE DIMMERS

FEATURES:

- Trailing edge electronic dimmer optimised for LED loads
- Suitable for 2 way switching
- Max LED load of 100W
- Max resistive load of 150W
- Min load of 5W
- Push on/off operation with soft start and overload protection
- Fits standard 41mm depth box

3 YRS	IP 20	OP 220 240	DIMMABLE
WARRANTY	IP RATING	OPERATING VOLTAGE	

ROBUS 100W LED Dimmer Switch, 1Gang 2 Way	**R1001G2W**
ROBUS 100W LED Dimmer Switch, 2Gang 2 Way	**R1002G2W**
Carton Qty:	100

Scan here for more product information
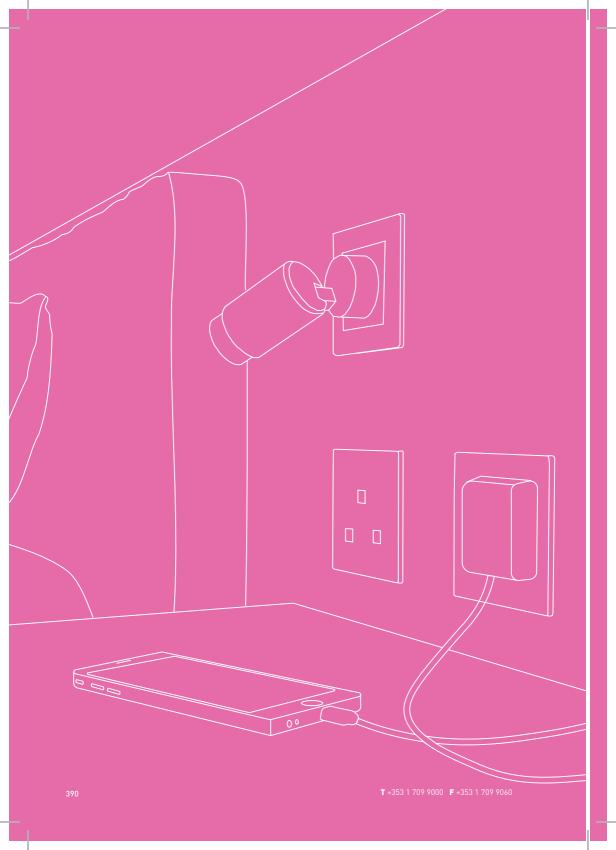
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LIGHTING
ACCESSORIES

ROBUS connect

SCGZ1050 / RBRGZ10

GZ1050 lamp holder c/w 250mm leads

- Lamp holder for GU10 lamps
- Ceramic with silicon insulated wire

	SCGZ1050
Weight (kg):	0.03
Bag Qty:	10

OP 220 240
OPERATING VOLTAGE

SAFETY CLASS

Bracket & lamp holder c/w terminal block housing for GU/GZ10 fittings

- Lamp holder for GU10 lamps
- C/w terminal block & support

	RBRGZ10
	SCGZ1050
Total Power (W):	50
Cap Type:	GU10
Weight (kg):	0.06
Bag Qty:	10

OP 220 240
OPERATING VOLTAGE

SAFETY CLASS

Scan here for more product information

ACCESSORIES
CLIPS, GLANDS

Lamp retention spring clip

• Spare retention clip for R101/R108 downlight

	TLSC
Box Qty:	100

Metric cable glands, IP68

• Water-proof cable glands, can also be used as cable clamps
• C/w lock nut
• Constructed from flame retardant UL94V-2 plastic moulding
• IP68 liquid tight seal
• Rubber seal with integral ridges to grip cable securely
• Easy and safe installation
• Protects cables both indoors and outdoors

	RAG20	RAG25
Knock out hole diameter (mm):	20	25
Cable diameter range (mm):	7-14	10-18
Weight (kg):	0.02	0.03
Carton Qty:	36	20

IP 68
IP RATING

Scan here for more product information

SCCLIP

Spare ceiling clips for recessed fitting

• Spare retention clip for R101/R108 downlight

Single Clip	SCCLIP
Bag Qty:	100

CCLIP

Spare ceiling clips for recessed fitting

• Spare retention clip for R101/R108 downlight

Clip	CCLIP
Bag Qty:	100

IP68 Connector & T Connector

• IP68 connector for outdoor applications
• Suitable to use for mains and low voltage circuits
• Max. conductor size of 2.5mm^2

		T connector
Black	**RCONIP68-04**	**RCONIP68T-04**
Weight (kg):	0.31	0.51
Bag Qty:	20	20

3 YRS WARRANTY   **IP 68** IP RATING   **OP 220 240** OPERATING VOLTAGE   SAFETY CLASS

ACCESSORIES
THERMOSTAT

2300W

FEATURES:

- THERMOSTAT 2300W, 230/240V, 84MM
- For heating or cooling control applications
- Up to 10A switching capacity
- Normally Open (NO) & Normally Closed (NC) contacts
- Temperature range 10°C to 30°C
- Injection moulded ABS
- Includes On/ Off switch

2 YRS WARRANTY	**IP 20** IP RATING
OP 220 240 OPERATING VOLTAGE	SAFETY CLASS

	RRF10
Total Power:	2300
Weight (kg):	0.17
Carton Qty:	10

DIMENSIONS (mm)	Width	Height	Projection
RRF10	84	84	38

Scan here for more product information

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ACCESSORIES
SOCKET DUPLICATOR/ TRIPLICATOR

CONSTRUCTION:

- All polycarbonate construction - virtually unbreakable
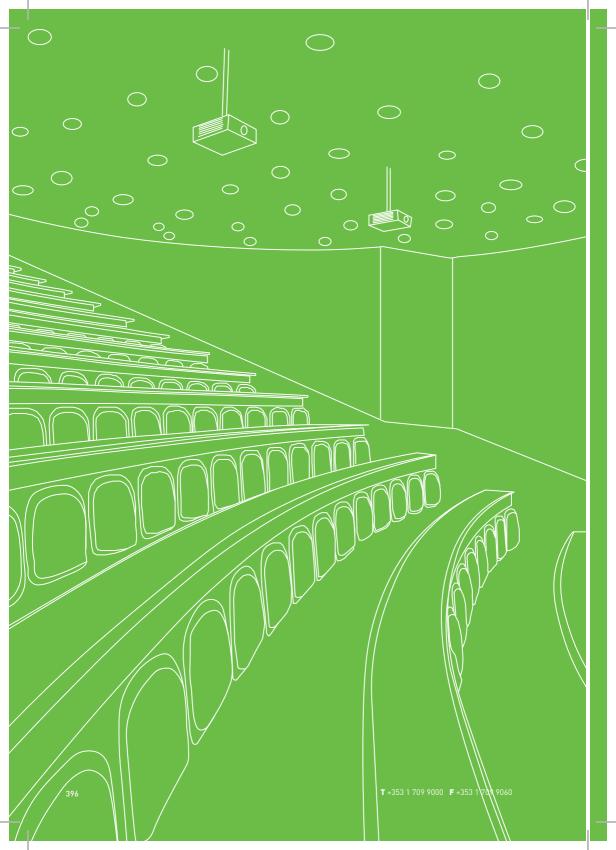
FEATURES:

- Uses existing wiring
- No need to change existing recessed box in wall
- Switched

10 YRS ✓	IP 20	OP 220 240	⏚
WARRANTY	IP RATING	OPERATING VOLTAGE	SAFETY CLASS

Socket Duplicator, White	**RKC2S**
Weight (kg):	0.23
Carton Qty:	10

Socket Triplicator, White	**RKC3S**
Weight (kg):	0.34
Carton Qty:	5

DIMENSIONS (mm)	Width	Height
RKC2S	146	86
RKC3S	200	86

Scan here for more product information

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CUSTOMISED CONVERSIONS

CUSTOMISED CONVERSIONS

ROBUS light fittings and/or other pre-existing light fittings (non ROBUS) can be converted by our Customised Conversions department.

We provide bespoke product solutions by converting products to suit individual project requirements.

A Conversion is the process of taking a standard light fitting and modifying to enhance its functionality. Whether it is adding a battery pack to allow a fitting to become an emergency product or adding a Microwave Sensor to enhance the energy savings the product can deliver. We can also adapt or modify products by adding extra lengths of cable, male/female connectors or swift connectors to reduce labour time upon installation and/or provide a pre-wiring service.

OUR GUARANTEE

All converted luminaires are subject to rigorous test procedures and guaranteed for 1-4 years. All conversions meet the relevant requirements of: BS EN 60598-1 (Luminaires Part 1: General requirements and tests) and BS EN 60598.2.22 (Luminaires for emergency lighting).

ROBUS CUSTOMISED CONVERSIONS TEAM

We have been carrying out this service for 16 years for electrical wholesalers. Our highly experienced team are based in Dublin, and site visits are available by appointment.

The team has over 80 years of combined experience in the conversions industry, with most members working here for over 10 years.

MAIN CONTACT

CATHERINE REID
Manager

JASON KENNEDY
Technical Manager

JOHN LYNCH
Team Lead

BRIAN STEWART
Team Lead

CONTACT US TODAY BY CALLING +353 1 709 9000 (OPT 2) OR EMAILING CONVERSIONSREQUESTS@ROBUS.COM

ROBUS PRODUCTS CAN BE ADAPTED TO INCLUDE:

E

Emergency
An emergency converted product operates in Emergency Mode when the Mains Power fails for a minimum of 3hr duration; this is to allow adequate safe escape lighting within an area.

STE

Self Test Emergency
Self-Test fittings perform a self-commissioning test at first power on. After charging for 24 hours a full duration test (3 hours) is performed. Initial function and duration tests are randomly generated reducing the costs of manual testing.

DAE

DALI Addressable Emergency
Converted units connected to a DALI bus are immediately visible to your DALI command centre. Unless programmed by the DALI controller, the fitting will enter a self-commissioning phase. Once a DALI command is received the fitting enters DALI mode and will perform functional and duration tests according to chosen DALI settings.

ECBU

ECBU
A central battery emergency product is operated by the power that comes from one source somewhere within a building. These emergency products do not have a battery inside them, they rely on the central battery to supply the whole system in the event of a power failure. Inside the product will be an inverter module, holding off the 110v Battery Supply. When the Permanent Supply fails, the relay within the Emergency Module then connects the 110V Battery Supply direct to the lamp and allows the lamp to operate in Emergency Mode.

SEN

Sensor (Microwave)
A Microwave Sensor detects motion in a required area and allows the product to switch on to illuminate the area for a desired time. The standard maximum mounting height for Sensor products is 6M. A special 15M version is also available for Highbay / Warehouse Lighting.

3SD

3 Step Dimming
The 3SD Driver including Microwave Sensor also detects motion. The advantage of the 3SD is that the unit in question will dim to a selected light output (example 10%) for a selected time before switching totally off. Upon motion, the product will switch back on to 100% output for the desired time. (Commonly known as Corridor Function)

MD

Mains Dimming
Mains dimming is a simple way of dimming an LED product that can be controlled by a normal 240V dimmer. No additional control cables are required. This can help in areas that cannot be re-wired with additional cables. (Available in 10W, 15W Bulkheads and 40W Panel Lighting.

CUSTOMISED CONVERSIONS
CONVERSION CODES

DD

DALI Dimming

Digital Addressable Lighting Interface (DALI) is a trademark for network based systems that control lighting in building automation. A separate control wire of BUS is used to send digital information to the product and allows the individual light fittings to communicate with an advanced lighting control system. Although DALI is a standard protocol beware of mixing components between manufacturers without testing first. Along with the correct LED Driver the DALI system requires additional control equipment including DALI controllers, power supplies, sensors and user interfaces.

SWD

Switch Dimming

With Switch Dim it is possible to create lighting systems that can be easily switched and dimmed at low cost. With Switch Dimming it is possible to create lighting systems that can be easily switched and dimmed at low cost. It involves using Standard Mains Retractable Switch for lighting controls.

Commonly know as "PUSH DIM" or SWITCH DIM"

The different switching and dimming functions are performed depending on the operating status at the time and how long the switch is held "ON".

A fast press and release of the switch switches the product "ON or OFF".

A long press and hold on the switch will dim the product "UP or DOWN" depending on its current operating status.

AD

Analogue Dimming

Analogue dimming is usually referred to as 1 - 10v dimming. In this case, a DC voltage control is sent to the driver, which dims the LEDs.

Analogue dimming uses a separate control wire to notify the driver that the power of the LEDs should be changed. The separated control signal is a DC (direct current) and can be adjusted from 1 up to 10 volts, the voltage level is interpreted by the driver to set the LED power.

The 1-10V method of control is a low current system (typically 1mA) meaning it can be run along relatively thin cables with little voltage drop and depending on dimmer manufacturer recommendations. This allows for Multiple dimmable drivers on one wall to be mounted dimmer.

PC

Photocell

A Photocell is a sensor that is controlled by natural light. During the day, the light fitting will be OFF, at dusk, the light fitting switches ON. At dawn, the light fitting switches OFF again.

*When ordering Cut To Length service, add CUT to order code. e.g. RVA96302050-CUT / -CUT-SINGLE / -CUT-RGBW / -CUTRGB

CUSTOMISED CONVERSIONS
ORDERING MADE EASY
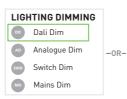
IT IS SIMPLE TO ORDER FROM CUSTOMISED CONVERSIONS, SIMPLY USE

1 Find the Product Code of the ROBUS fitting you need to be converted

**MORPH LED CCT3 SELECTABLE DOWNLIGHT
PRODUCT CODE: RMP20WCCT3DL-01**

2 Select one of the abbreviated Customised Conversion Codes on the Lighting Dimming and/or Lighting Controls list below (if required).

LIGHTING DIMMING

DD	Dali Dim
AD	Analogue Dim
SWD	Switch Dim
MD	Mains Dim

–OR–

LIGHTING CONTROLS

SEN	Microwave Sensor
PC	Photocell
3SD	3 Step Dimming

RMP20WCCT3DL-01 + (DD) = RMP20WCCT3DL-01DD
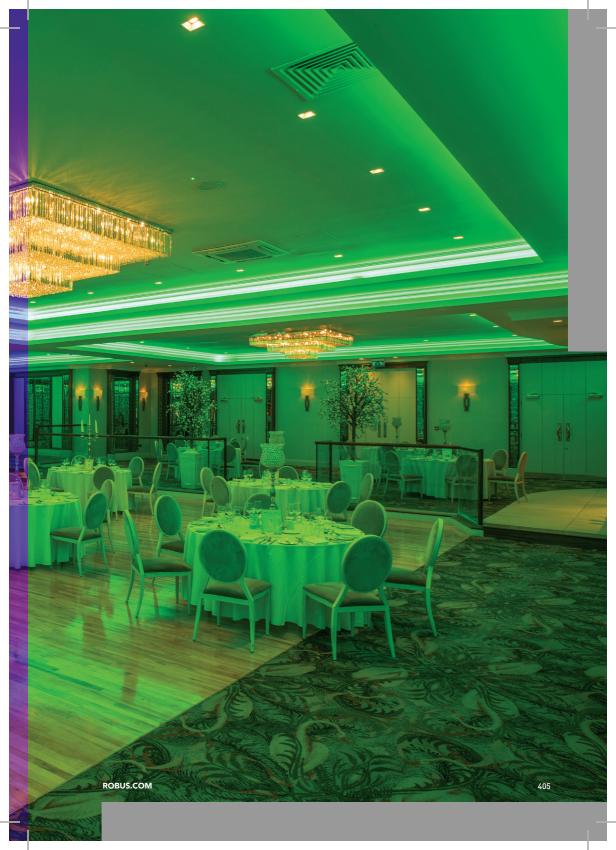
3 Select one of the abbreviated Customised Conversion Codes on the Emergency Lighting list below (if required).

EMERGENCY LIGHTING

E	Emergency
STE	Self Test Emergency
DAE	Dali Addressable Emergency
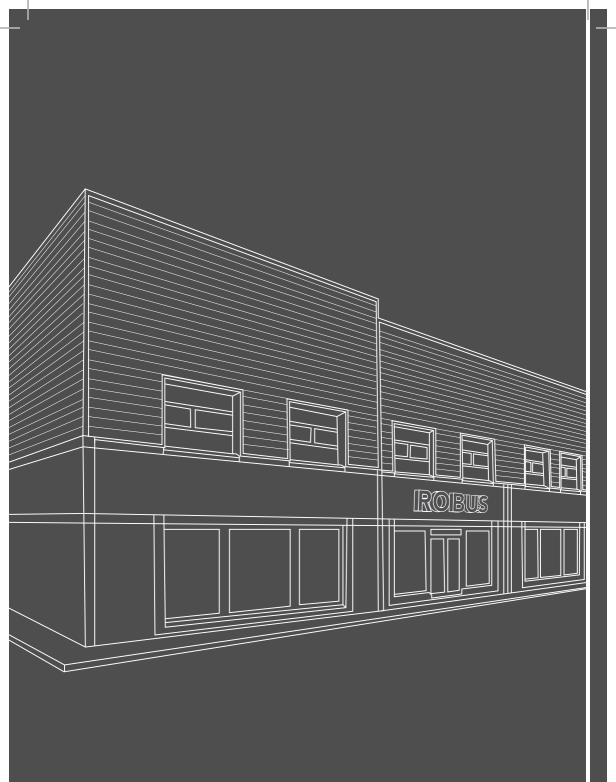
RMP20WCCT3DL-01 + (DD) + (E) = RMP20WCCT3DL-01DDE

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CUSTOMISED CONVERSIONS
CASE STUDY

KILMORE HOTEL, CO CAVAN, IRELAND

The ROBUS Custom Conversions department recently worked on a project with the Kilmore Hotel to upgrade the décor of their hotel using the ROBUS VEGAS Strip light range.

The Customised Conversions Technicians worked on every aspect of this project, from design to installation, in minute detail to bring it to completion. Working closely with the contractor they provided accurate cut lengths, lead lengths, drivers and controllers for the project.

The project was completed using:

• 551 metres of the ROBUS VEGAS LED Strip 12 W RGBW + White 4000K
• 188 cuts and link leads
• 12 VEGAS Drivers
• 12 VEGAS 768W Controllers
• 66 metres of the ROBUS VEGAS 12 W RGBW + White 3000K
• 51 cuts

Installing the VEGAS Strip light range means the hotel can select the colouring of lighting to suit the atmosphere of each room in various parts of the hotel.

This project is an excellent example of how versatile the ROBUS VEGAS strip lighting range is and how utilising the service provided by the Customised Conversions Technicians played a vital role in the project's success.

GENERAL INFORMATION

SINCE ITS INTRODUCTION THE ROBUS BRAND OF LIGHTING SOLUTIONS HAS BECOME SYNONYMOUS WITH INNOVATION AND QUALITY.

WE ARE THE LARGEST IRISH LIGHTING COMPANY IN THE WORLD WITH A LONG AND PROUD TRADITION OF COMMERCIAL SUCCESS AND RELATIONSHIPS ACROSS IRELAND, THE UK, EUROPE, UAE AND AUSTRALASIA.

The LED Group has developed the globally successful ROBUS brand of products sold through the electrical wholesale market. ROBUS has a reputation for energy efficient commercial and residential solutions, supported by world class customer service in more than 40 countries around the world.

Located in Dublin is our 10,000sqm head office and distribution centre. We also have distribution and offices in the UK, Australia, China, France, Benelux, South Africa, New Zealand and the Middle East, servicing over 3,000 stockists and tens of thousands of installers. We employ more than 200 talented people around the world, working with us to grow our business and nurture the ROBUS brand. Our global presence enables us to meet the current and future needs of our customers and the aspirations of our people.

The LED Group is a member of EMDA Electrical Manufacturing & Distribution Ireland, the EDA Electrical Distributors Association UK, the LIA Lighting Industry Association in the UK and the Lighting Council in Australia.

HQ Dublin, Ireland
UK
France
Benelux
South Africa
China
Australia
Middle East
New Zealand

GENERAL INFORMATION
QUALITY APPROVALS

ENHANCED CAPITAL ALLOWANCES

Businesses are often tempted to opt for products with the lowest purchase price but such immediate cost savings often prove to be a false economy. Take advantage of the Enhanced Capital Allowance scheme for energy-saving technologies by installing ROBUS ETCL (Energy Technology Criteria List) approved products.

Enhanced Capital Allowances (ECAs) are a straightforward way for a business to improve its cash flow through accelerated tax relief on the cost of lighting products, transport to site and cost of installation.

Example:

NON-ETCL APPROVED LIGHTING		ROBUS ETCL APPROVED LIGHTING	
For a business installing Non-ETCL approved lighting to the value of £8,500 and paying tax @ 20%		For a business installing ROBUS ETCL approved lighting to the value of £8,500 and paying tax @ 20%	
Write down allowed Year 1 18%	= £1,530	Write down allowed Year 1 100%	= £8,500
Tax relief @ 20%	= £306	Tax relief @20%	= £1,700
So, for every £8,500 spent, the tax bill is reduced by £306 in Year 1		So, for every £8,500 spent, the tax bill is reduced by £1,700 in Year 1	
Net cost in Year 1	= £8,194	Net cost in Year 1	= £6,800

For more information visit **www.carbontrust.com**

SEAI

Investing in SEAI Triple E registered products improves energy efficiency results, reducing energy bills and shorter payback periods.

Use ROBUS Triple E registered products to reduce future operating costs and see utility bills dramatically lowered.

All products on the Triple E Products Register meet a minimum set of stringent efficiency criteria and typically will be of a best in class efficiency standard.

Public Procurement Regulations

The EUROPEAN UNION (ENERGY EFFICIENT PUBLIC PROCUREMENT) REGULATIONS 2011 state that a public body shall only procure equipment or vehicles which
(a) are listed on the Register*, or
(b) satisfy the published SEAI energy efficiency criteria for the equipment or vehicle concerned,and the public body shall specify this requirement in any documentation describing its procurement requirements.

T +353 1 709 9000   **F** +353 1 709 9060

GENERAL INFORMATION
QUALITY & RELIABILITY

QUALITY APPROVALS

CE Approval

All ROBUS products carry the CE mark. CE mark is a statement that the product complies with all relevant European directives and standards. CE marking indicates compliance with the requirement of:

1. Low voltage directive for electrical safety (73/23/EEC as amended by 93/96/EEC)

2. EMC directive for electro magnetic compatibility (89/336/EEC as amended 92/31/EEC)

QUALITY MANAGEMENT SYSTEM

ROBUS Quality Management System is certified to 90001:2015.

ENVIRONMENTAL MANAGEMENT SYSTEM

ROBUS Environmental Management System is certified to ISO 14001:2015.

The UKCA (UK Conformity Assessed) marking is a new UK product marking that will be used for goods being placed on the market in Great Britain (England, Wales and Scotland).

The UKCA marking alone cannot be used for goods placed on the Northern Ireland market, which require the CE marking or UK(NI) marking.

All Robus products will meet the UK government rules and timelines for placing products on the market.

Installation

All ROBUS products are supplied with installation instructions. ROBUS will not be held responsible for failure of products due to installations not in accordance with supplied installation instructions or in an unsuitable environment.

Unless stated otherwise, products contained within this catalogue are for installation in 'normal' environments. Ambient temperature, control methods and environmental conditions have an influence on the suitability of many products for installation in some areas. IP ratings of products should be considered relative to the environmental conditions in which they are to be installed – ingress protection. Life expectancy of some light sources and control gear may be reduced significantly by short time delay switching, particularly PIR and time lag switches. Time delay off should be set to 30 minutes to minimise premature failure of some fluorescent light sources. Where shorter time delay periods are required to make optimum energy savings, LED products should be considered, as although more expensive initially, they will pay back in relatively short periods of time. Please contact technical support if you are in any doubt about the suitability of products for specific operating conditions.

All performance data listed are subject to tolerances of +/- 10% unless otherwise stated.

GENERAL INFORMATION
IP RATING AND BATHROOM ZONES

WHAT IS IP RATING?

The resistance offered by the fixture to the penetration of solids and liquids is indicated by the IP (Ingress Protection) rating. This is a two digit number, the first number identifies the degree of protection against the ingress of solids and the second number against liquids e.g. IP65 indicates total protection against dust and protection against low pressure jets of water

First Digit
Protection against solids

0 No protection

1 Protected against solid objects greater than 50mm (e.g. accidental contact with the hand)

2 Protected against solid objects greater than 12mm (e.g. accidental contact with finger)

3 Protected against solid objects greater than 2.5mm (e.g. tools and wires)

4 Protected against solid objects greater than 1mm (e.g. fine tools and wires)

5 Protected against dust

6 Total protection from dust

Second Digit
Protection against liquids

0 No protection

1 Protection against vertical water drops (e.g. condensation)

2 Protection against direct sprays of water, up to 15° from vertical

3 Protection against direct sprays of water, up to 60° from vertical

4 Protection against water spray from all directions

5 Protection against low pressure jets of water from all directions

6 Protection against jets of water of similar force to heavy seas

7 Protection against immersion between 15–100cm

8 Protection against submersion

BATHROOM ZONES

Zone 0:
Is the area inside the bath or shower basin. A minimum rating of IPX7 is required (protection against immersion in water) and only SELV (max 12v AC) equipment may be used in this zone.
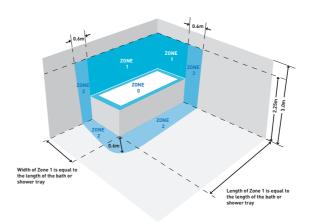
Zone 1:
Is the area directly above Zone 0 to a height of 2.25m above finished floor level or the top of the highest fixed water outlet, whichever is higher. A minimum of IPX4 is needed in this zone. If there is a possibility of water jets then IPX5 is required. 17th edition IEC regulations allow for the use of certain 240v electrical equipment in zones 1 and 2 if controlled by the appropriate RCD.

Zone 2:
Is the area 60cm external to zone 1 and to a height of 2.25m above fixed floor level or the top highest fixed water outlet, whichever is higher. A minimum of IPX4 is needed in this zone. If there is a possibility of water jets then IPX5 is required. 17th edition IEC regulations allow for the use of certain 240v electrical equipment in zones 1 and 2 if controlled by the appropriate RCD.

Zone 3 is no longer used. There is no minimum IP rating area external to zones 0, 1 and 2.

Width of Zone 1 is equal to the length of the bath or shower tray

Length of Zone 1 is equal to the length of the bath or shower tray

GENERAL INFORMATION
IK RATING

WHAT DOES IK RATING MEAN?

The IK rating of a fixture indicates the level of impact protection the fixture has. This is a two digit rating after the letters 'IK' that identifies the degree of protection against harsh impacts to the body of a fixture. The higher the number equates to a higher level of protection.

IK RATING	DEGREE OF PROTECTION
IK00	No protection
IK01	Protected against 0.14 joules impact. Equivalent to impact of 0.25 kg mass dropped from 57mm above impacted surface.
IK02	Protected against 0.2 joules impact. Equivalent to impact of 0.25 kg mass dropped from 80mm above impacted surface.
IK03	Protected against 0.35 joules impact. Equivalent to impact of 0.25 kg mass dropped from 140mm above impacted surface.
IK04	Protected against 0.5 joules impact. Equivalent to impact of 0.25 kg mass dropped from 205mm above impacted surface.
IK05	Protected against 0.7 joules impact. Equivalent to impact of 0.25 kg mass dropped from 285mm above impacted surface.
IK06	Protected against 1 joules impact. Equivalent to impact of 0.25 kg mass dropped from 405mm above impacted surface.
IK07	Protected against 2 joules impact. Equivalent to impact of 0.5 kg mass dropped from 400mm above impacted surface.
IK08	Protected against 5 joules impact. Equivalent to impact of 5 kg mass dropped from 100mm above impacted surface.
IK09	Protected against 10 joules impact. Equivalent to impact of 5 kg mass dropped from 200mm above impacted surface.
IK10	Protected against 20 joules impact. Equivalent to impact of 5 kg mass dropped from 405mm above impacted surface.

GENERAL INFORMATION
LAMP TYPES

SYMBOL	TYPE	LUMINOUS EFFICACY (lm/w)	LUMEN OUTPUT (lm)	CCT (k)	CRI	AVERAGE LIFE (Hours)	CAP TYPE
	Fluorescent U shape 2 pin	50 – 80	250 – 900	4000	56 – 90	6000	G23/-2G7
	Fluorescent Double U shape	40 – 70	600 – 1800	4000	56 – 90	8000	G24d/-q
	Fluorescent U shape 4 pin		600 – 2900	4000	56 – 90	8000	2G11
	3 U Dulux Fluorescent	40 – 76	300 – 3200	4000	65 – 90	8000	G24d/-q
	Dichroic	12 – 19	240 – 975	3000	100	3000	G5.3
	CFL	40 – 65	400 – 1500	3000	65 – 90	8000	E27/B22
	Fluorescent	65 – 71	1050 – 2700	3500	65 – 90	8000	GR10q
	Fluorescent tube	66 – 100	430 – 3150	3000	65 – 90	5000 – 1200	G5/G13
	G9 Capsule lamp	8 – 9	190 – 370	2700	100	1500	G9
	Halogen lamp	15 – 29	350 – 1450	3000	100	3000	G4/G6.35
	Halogen linear lamp	16 – 20	3520 – 9900	3000	100	2000	R7S
	AR111	10 – 12	3000	3000	100	2000	G53
	GU10 lamp	7 – 8	250 – 600	2700	100	2000	GU10
	MBF	45 – 50	2000 – 5600	2000 – 3500	40 – 49	8000	E27
	HPS	70 – 130	3500 – 130,000	2000	25	12,000	E27/E40
	Incandescent	6 – 12	150 – 3150	2700	100	1000	E27/B22

GENERAL INFORMATION
LAMP TYPES

SYMBOL	TYPE	LUMINOUS EFFICACY (lm/w)	LUMEN OUTPUT (lm)	CCT (k)	CRI	AVERAGE LIFE (Hours)	CAP TYPE
	Reflector incandescent	6 –12	200 – 500	2700	100	1000	E27/B22
	Quartz metal halide 1 end	60 – 80	3400 – 1350	4200	65 – 85	6000	G12
	Quartz metal halide 2 end	60 – 80	5000 – 11000	4200	65 – 85	6000	R7S
	Metal Halide	60 – 80	3400 – 13,500	3000	65 – 85	9000	G12
	CFL GX53	28	260	2700 – 4000	80 – 90	10,000	GX53
	CFL GU10	31	350	2700 – 4000	80 – 90	10,000	GU10 CFL
LED	LED	80 – 150+	10 – 10,000	2700 – 6500	65 – 95	50,000	LED

Luminance = amount of light emitted from a particular area (cd/m²)

Luminous Flux = total energy emitted by a light source in the visible spectrum (lm)

Luminous Efficacy = amount of light emitted per unit of energy consumed (lm/w)

CCT - Correlated Colour Temperature = a measure to describe the appearance of white light (warm 3,000K, cool 4,000K etc) by comparing to a black body at a certain temperature (K)

CRI - Colour Rendering Index = a measure to describe the ability of a light source to reproduce colours accurately with reference to an ideal source

Note: LED lamp/luminaire lifetime is based on the definition from Annex II of COMMISSION REGULATION (EU) No 1194/2012

GENERAL INFORMATION
PART L1 AND L2

PART L1 AND L2 REQUIREMENTS – APRIL 2014

The April 2014 lighting compliance guide provides guidance on the specification of fixed internal and external lighting for new and existing dwellings to meet relevant energy efficiency requirements in the Building Regulations.

PART L1
Limits remain unchanged (>45lm/cctW and >400lm).

Light fittings LESS THAN 5W do not count towards the total number of light fittings so performance is irrelevant. This would apply to lamps less than 5W.

PART L2
Limits increased (>60lm/cctW).

This is MINIMUM 60lm/cctW. Displaying lighting products should be MINIMUM 22lm/cctW

DOMESTIC BUILDING SERVICES COMPLIANCE

Recommended minimum standards for fixed internal and external lighting

Lighting	New and existing systems	Supplementary Information
Fixed internal lighting	a. In the areas affected by the building work, provide low energy light fittings (fixed lights or lighting units) that number not less than three per four of all the light fittings in the main dwelling spaces of those areas (excluding infrequently accessed spaces used for storage, such as cupboards and wardrobes). b. Low energy lighting fittings should have lamps with luminous efficacy greater than 45 lamp lumens per circuit-watt and a total output greater than 400 lamp lumens. c. Lighting fittings whose supplied power is less than 5 circuit-watts are excluded from the overall count of the total number of light fittings.	Lighting fittings may be either: • dedicated fittings which will have separate control gear and will take only low energy lamps (e.g. pin based fluorescent or compact fluorescent lamps); or • standard fittings supplied with low energy lamps with integrated control gear (e.g. bayonet or Edison screw base compact fluorescent lamps). Light fittings with GLS tungsten filament lamps or tungsten halogen lamps would not meet the standard. The Energy Saving Trust publication GIL20, Low energy domestic lighting, gives guidance on identifying suitable locations for fixed energy efficient lighting. A single switch should normally operate no more than six light-fittings with a maximum total load of 100 circuit-watts.
Fixed internal lighting	Where fixed external lighting is installed, provide light fittings with the following characteristics: a. Either: i. lamp capacity not greater than 100 lamp-watts per light fitting; and ii. all lamps automatically controlled so as to switch off after the area lit by the fitting becomes unoccupied; and iii. all lamps automatically controlled so as to switch off when daylight is sufficient. b. Or: i. lamp efficacy greater tan 45 lumens per circuit-watt; and ii. all lamps automatically controlled so as to switch off when daylight is sufficient; and iii. light fittings controllable manually by occupants.	

GENERAL INFORMATION
PART L1 AND L2

NON – DOMESTIC BUILDING SERVICES COMPLIANCE

There are two alternative approaches, applicable both to systems in new buildings and to replacement systems in existing buildings. The guidance applies to a) general interior lighting and b) display lighting.

Recommended minimum lighting efficacy with controls in new and existing buildings

		Initial luminaire lumens/circuit-watt
General lighting in office, industrial and storage spaces		**60**
Controls	**Control factor**	**Reduced luminaire lumens/circuit-watt**
a daylit space with photo-switching with or without override	0.90	54
b daylit space with photo-switching and dimming with or without override	0.85	51
c unoccupied space with auto on and off	0.90	54
d unoccupied space with manual on and auto off	0.85	51
e space not daylit, dimmed for constant illuminance	0.90	54
a + c	0.80	48
a + d	0.75	45
b + c	0.75	45
b + d	0.70	42
e + c	0.80	48
e + d	0.75	45
General lighting in other types of space		The average initial efficacy should be not less than 60 lamp lumens per circuit-watt
Display lighting		The average initial efficacy should be not less than 22 lamp lumens per circuit-watt

Recommended minimum standards for metering of general and display lighting in new and existing buildings

	Standard
Metering for general or display lighting	a. kWh meters on dedicated lighting circuits in the electrical distribution; or b. local power meter copuled to or integrated in the lighting controllers of a lighting or building management system; or c. a lighting management system that can calculate the consumed energy and make this information available to a building management system or in an exportable file format. (This could involve logging the hours run and the dimming level, and relating this to the installed load).

Note: The LENI (Lighting Energy Numerical Indicator) method is an alternative to complying with the efficacy standards set out in the tables above. The LENI method calculates the performance of lighting in terms of energy per square metre per year ($kWh/m^2/year$), based on BS EN 15193:2007, Energy performance of buildings.

GENERAL INFORMATION
PART L1 AND L2

KEY TERMS

Circuit-watt means the power consumed in lighting circuits by lamps and, where applicable, their associated control gear (including transformers and drivers) and power factor correction equipment.

Light fitting means a fixed light or lighting unit that can comprise one or more lamps and lampholders, control gear and appropriate housing. The control gear may be integrated in the lamp or located elsewhere in or near to the fixed light.

Fixed external lighting means lighting fixed to an external surface of the dwelling supplied from the occupier's electrical system. It excludes lighting in common areas of blocks of flats and in other communal accessways.

Office area means a space that involves predominantly desk-based tasks – e.g. a classroom, seminar or conference room.

Daylit space means any space:
a. Within 6m of a window wall, provided that the glazing area is at least 20% of the internal area of the window wall
b. Below rooflights, provided that the glazing area is at least 10% of the floor area

The normal transmittance of the glazing should be at least 70%; if the light transmittance is below 70%, the glazing area should be increased proportionately for the space to be defined as daylit.

Local manual switching means that the distance on plan from any local switch to the luminaire it controls should generally be not more than six metres, or twice the height of the light fitting above the floor if this is greater. Where the space is a daylit space served by side windows, the perimeter row of lighting should in general by separately switched.

Photoelectric control is a type of control which switches or dims lighting in response to the amount of incoming daylight.

Presence detection is a type of control which switches the lighting on when someone enters a space, and switches it off, or dims it down, after the space becomes unoccupied.
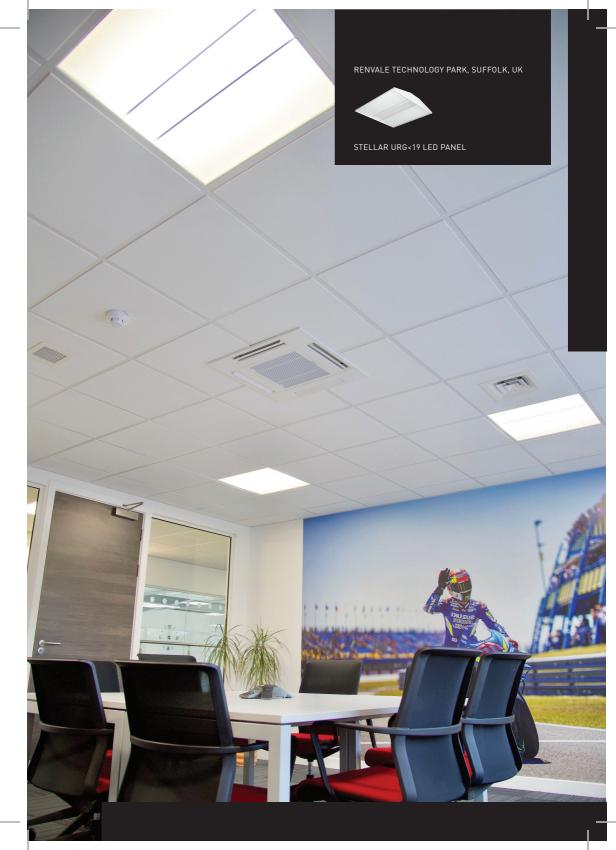
Absence detection is a type of control which switches the lighting off, or dims it down, after the space becomes unoccupied, but where switching on is done manually.

Lamp lumens means the sum of the average initial (100 hour) lumen output of all the lams in the luminaire.

Lamp lumens per circuit-watt is the total lamp lumens summed for all luminaires in the relevant areas of the building, divided by the total circuit-watts for all the luminaires.

LOR is the light output ratio of the luminaire, which means the ratio of the total light output of the luminaire under stated practical conditions to that of the lamp or lamps contained in the luminaire under reference conditions.

Luminaire lumens per circuit-watt is the (lamp lumens x LOR) summed for all luminaires in the relevant areas of the building, divided by the total circuit-watts for all the luminaires.

GENERAL INFORMATION
TERMS & CONDITIONS

1. Definitions

1.1 'Buyer' means the person who agrees to buy the goods from the Seller in the course of their business, trade or profession.

1.2 Consumer' means a person who agrees to buy the Goods or Services from the Seller and who has rights under current Irish Consumer legislation including the Sale of Goods Act 1893, the Sale of Goods and Supply of Services Act 1980, the Consumer Credit Act 1995 and the Consumer Protection Act 2007.

1.3 'Goods' means the articles which the Buyer or Consumer agrees to buy from the Seller.

1.4 "Services" means the Seller's lighting design service.

1.5 'Seller' means LED Lighting and Electrical Distribution Group U.C. of Nangor Road, Dublin 12, Ireland, D12E7VP

1.6 'Price' means the price for the Goods or Services including carriage and packaging costs but excluding VAT unless otherwise stated. Please note that a price quotation for orders for European and Worldwide destinations (excluding Ireland & UK) does not include the carriage fee.

2. Conditions, Order Confirmation and Cancellation

2.1 Any variation of these Conditions (including any special terms and conditions agreed between the parties) shall be inapplicable unless agreed in writing by Seller.

2.2 An order is deemed to be confirmed once a valid purchase order is received from Buyer or Consumer. Buyer and Consumer acknowledge that they have read and understood these terms and conditions as they appear in our current catalogue from which the Goods have been selected and/or our website (in the case of internet orders) and/or prior to sending a purchase order and in all applicable cases, agree to be bound by them.

2.3 Cancelled Delivery: An order may be cancelled up to the point of it being despatched with no additional charges. If the Goods have left Seller's premises, then Buyer or Consumer shall pay the cost of carriage for shipping back to Seller. The local Area Sales Manager will issue a return authorisation to be sent with Buyer or Customer's debit note. This only applies to orders cancelled within 24 hours of the order being placed. After this, the Goods can only be returned as a stock cleanse or Goods not required, under clause 8.2 or 8.3 below. Any Goods that are not Robus catalogue items but are purchased specifically to meet a Buyer or Consumer order cannot be cancelled prior delivery and must be paid for in full.

2.4 All orders for Goods or Services shall be deemed to be an offer by Buyer or Consumer to purchase Goods or Services from Seller and Seller's delivery of the Goods or Services ordered shall constitute acceptance of such offer.

2.5 In the event of a minor change in product specification dictated by Seller's suppliers and/or technological requirements arising after an order has been confirmed, Seller reserves the right to deliver substitute Goods most closely meeting Buyer's order by reference to Seller's Product Information documents on Seller's website but without prejudice to Buyer or Consumer's rights under clause 2.3.

3. Price and Payment

3.1 Prices are in Euro (€) or Pound Sterling (£) or US Dollars ($) exclusive of VAT unless otherwise stated

3.2 Payment of the Price (and VAT unless otherwise stated) by Buyer shall be due strictly within the prior negotiated credit terms as agreed between the parties from the date of the invoice and on approved accounts and in the case of Consumer or unapproved Buyer account sales, at the point of purchase.

3.3 If payment is not received from Buyer on the due date then without prejudice to any of the Seller's other rights Seller may:

3.3.1 suspend or cancel deliveries of any Goods or Services due to Buyer; and/or without prior notice

3.3.2 appropriate any payment made by Buyer to such Goods or Services (or made under any other contract with Buyer) that Seller may in its sole discretion think fit; and/or

3.3.3 treat this contract as repudiated by Buyer.

3.4 Buyer or Consumer may not withhold payment of any invoice or other amount due to Seller by reason of any right of set-off or counterclaim which Buyer or Consumer may assert for any reason whatsoever.

4. Risk and Loss or Damage to Goods

4.1 The risk in respect of all Goods supplied by the Seller shall pass to the Buyer or Consumer upon delivery to the Buyer or Consumer or dispatch by Seller in accordance with Buyer or Consumer's delivery instructions. It is Buyer or Consumer's responsibility to inspect the Goods prior to acceptance. Signature of a delivery docket by or on behalf of Buyer or Consumer shall be deemed acceptance of the Goods in the condition in which they are delivered and release Seller from all liability in respect of damage in transit or shortages.

4.2 Where damage or loss or shortages occur to the Goods prior to risk passing to the Buyer or Consumer, it shall be Buyer or Seller's responsibility to note such damage or loss or shortages on the delivery docket and, within 3 working days from the date of delivery, notify Seller in writing of the particulars in order to validate a claim, quoting delivery docket reference.

4.3 Buyer or Consumer must return all Goods damaged in transit, that have not been accepted, to Seller, properly packaged, within one month of inspection.

5. Retention of Title

5.1 Ownership of the Goods shall remain the property of Seller until such a time as Buyer or Consumer has paid the Price (including VAT) in full, and no other sums whatever shall be due from Buyer or Consumer to Seller whether in respect of those Goods or delivered Goods the subject of any other order from Buyer or Consumer.

5.2 If Buyer or Consumer fails to make a payment for the Goods in accordance with the terms and conditions of this Contract or commits any other breach of this contract, or commits an act of bankruptcy or if Buyer or Consumer being a company is the subject of a winding up petition or resolution or a receiver shall be appointed over Buyer's or Consumer's assets all sums due in respect of the Goods shall become payable immediately and Seller may in its absolute discretion and without prejudice to any other rights which it may have, exercise its rights pursuant to clause 3.3.

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GENERAL INFORMATION
TERMS & CONDITIONS

5.3 Ownership of the intellectual property in the design and solutions (including but not limited to copyright in all drawings, sketches and specifications) produced by the Seller and provided as part of the Services shall remain at all times in and with the Seller.

6. Remedies and Liabilities

6.1 The entire liability of Seller to Buyer or Consumer arising out of this contract and all Goods or Services supplied or to be supplied hereunder shall be limited to repayment of the Price and shall not in any circumstance include any other direct or indirect loss, cost, damage, charge or expense (including any secondary or other third party charges or expenses) suffered or incurred by Buyer. The Seller shall not be liable for any loss based on delivery times quoted.

6.2 Seller shall not be liable for any loss, costs, damages, charges or expenses caused, directly or indirectly, by any delay in the delivery of the Goods or Services.

6.3 The statutory rights of Consumer under current Irish legislation remain unaffected.

7. Alteration of Order

7.1 Prior to delivery, Buyer and Consumer have the right to alter the order. Any changes to the order will be deemed a cancellation of the original order. A revised order confirmation will be issued by Seller. Seller reserves the right to alter the Price as a result of any change to an order requested by Buyer and Consumer. Pursuant to clause 2.3, the Seller will not accept any alterations to orders where production has begun within either its customised conversions department or one of the Seller's manufacturing partners for Goods that are being manufactured to meet a specific Buyer or Consumer order.

8. Returns Policy

8.1 Returns will only be accepted in the below circumstances

8.1.1 Faulty Goods: Goods that are faulty (for reasons other than damage in transit) must be inspected by Seller's local Area Sales Manager who will provide a return authorisation number to be included with Buyer or Consumer's debit note. Without these documents the return will be refused and returned to Buyer or Consumer with a charge made for carriage. Any Goods that are subsequently found not to be faulty will be returned to Buyer or Consumer, with no credit being issued and the carriage costs will be charged to Buyer or Consumer.

8.1.2 Stock Cleanse: An annual stock cleanse is available to non-Consumer stockists. The value of the replacement order is a minimum of two for one. The following criteria must be adhered to:

• All Goods must be in box quantities.

• All Goods must be in our current catalogue.

• The stock cleanse cannot exceed 10% of that Buyer's branch turnover from the previous trading year.

• The stock cleanse must be authorised by the local Area Sales Manager, who will provide a return authorisation number for the Goods.

• The stock cleanse must be inspected by the local Area Sales Manager before the Goods are returned.

• Buyer is responsible for the return of the Goods along with any shipping costs. Collections are available and are chargeable. The local Area Sales Manager can provide costings for this service.

• Stock cleanse cannot be authorised between 1 November and 31 December of any trading year.

8.2 Returns: Buyers and Consumers shall ensure that any Goods being returned are packed/wrapped sufficiently to prevent cartons being damaged. If Goods are damaged and not fit for resale, credit will not be issued for these Goods. Goods will be returned and a carriage charge to return will be applied.

8.3 Short Delivery: Buyer or Consumer must notify Seller's Sales Office within 2 working days of receipt of delivery if there is a shortfall of Goods to invoice/delivery note. Requests received after 3 working days cannot be entertained.

8.4 Exclusions: Any Goods that are not Robus catalogue items or a product(s) that have been converted through the customised conversions department are excluded from the returns policy. Once a purchase order has been received for these items, they are deemed to be non-cancellable and non-returnable.

9. Terms Specific to the Services

9.1 All calculations made by Seller are based on information provided by Buyer including any Buyer drawings and verbal information received. Seller takes no responsibility for the maintenance regime and only guarantees light levels at start of life. Seller's lighting designs are based on relevant lighting guides in conjunction with best practice.

9.2 The Robus LDT files used to produce a design Service are specific to the Robus Luminaires included therein. A new lighting design must be produced should an alternative fitting be required. The optics of different fittings are rarely the same even if the lumen output is identical. Buyer acknowledges that using an alternate fitting without a design could render the scheme noncompliant with relevant lighting guides.

9.3 It is Buyer's responsibility to check emergency scheme and confirm with local building or fire control officer and ultimately obtain and required building owner approval. Any emergency calculations that have been made by Seller have been based on 0.5 lux for open areas and 1 lux for escape routes unless otherwise stated. Positioning of firefighting and call points is unknown and hence the design Service does not consider this requirement. The absence of an emergency scheme within the design does not indicate one is not required, rather that the brief has suggested that this is either already in existence or will be provided by another source.

9.4 It is Buyer's responsibility to ensure that the lighting scheme or other design Service provided complies with all Buyer requirements before placing an order with Seller's sales team. Where schematic drawings have been provided by Buyer in either AutoCAD or PDF format, Seller will endeavour to ensure that the scale of the drawings are correct in Seller's designs but it remains Buyer's responsibility to ensure that any scaling indicated in our Services are correct and that any inaccuracies are brought to Seller's attention prior to placing an order.

10. Law

10.1 This Contract is subject to the law of the Republic of Ireland and the parties submit to the non-exclusive jurisdiction of the Irish Courts sitting in Dublin.

GENERAL INFORMATION
HOW TO USE THIS CATALOGUE

SYMBOLS GUIDE

Symbol	Description	Symbol	Description
2 YRS	**Indicates x years warranty**	**Zone 1**	**Bathroom Zone 1** Suitable for use in indicated bathroom zone*
70 LmW	**Lumens per Watt**	**Zone 2**	**Bathroom Zone 2** Suitable for use in indicated bathroom zone*
IP 65	**Ingress Protection** against dust and water (see technical information)	**350°**	**Rotation Angle**
🔥	**Fire Rated Symbol**	**30°**	**Adjustment Angle (tilt)**
	Dimmable	**HF**	**High Frequency Electronic Control Gear included**
LiFePO₄	**LiFePO4 Battery**	**PHOTO METRICS**	**Photometrics available**
SELF TEST	**Self Test**	**OP 12V AC**	**Operating Voltage – 12V AC**
50,000 HRS	**Lifetime Hours**	**OP 220 240**	**Operating Voltage – 220V / 230V - 12V** Step down transformer included
IK 07	**Impact Protection Rating**	**220 240 12V**	**Operating Voltage – 220V / 240V**
4000K	**Colour temperature (Correlated Color Temperature**	**STOCK SAVER**	**This product is a Stock Saver**
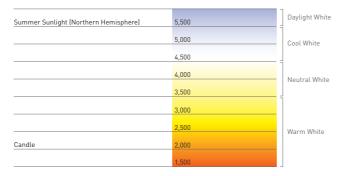
COLOUR APPEARANCE

Summer Sunlight (Northern Hemisphere)	5,500	Daylight White
	5,000	Cool White
	4,500	
	4,000	Neutral White
	3,500	
	3,000	
	2,500	Warm White
Candle	2,000	
	1,500	

GENERAL INFORMATION
HOW TO USE THIS CATALOGUE

12V DC — Operating Voltage – 12V DC

Pull Switch

Integral Switch

Safety Class I
Electrically insulated and earthed. In the event of a basic insulation failure, exposed metal parts that could become live are protected by the earth

Safety Class II
Live parts are equipped with additional insulation protection such as reinforced or double insulation and do not require an earth

Safety Class III
Safety extra low voltage (SELV), requires no additional protection less than 24V AC or 55V DC

Safety Isolating Transformer

L1 — Compliance with Part L1 of Building Regulations

L2 — Compliance with Part L2 of Building Regulations

SWIFT Connector — Swift Connector

COB ChipOnBoard — Chip on Board

ACTIVATE DOB DriverOnBoard — Driver on Board

LEDCHROIC™

COLOUR ABBREVIATIONS

-01 White

-02 Brass

-03 Chrome

-04 Black

-07 Blue

-09 Yellow

-10 Matte Black

-11 Matte White

-13 Brushed Chrome

-14 Antique Brass

-15 Satin Silver

-23 Aluminium

-24 Grey

-25 Dark Grey

-CW Cool White LEDs

-WW Warm White LEDs

CCT1 - Single Colour White

CCT2 - Tunable White

CCT3 - 3 Selectable Whites

CCT4 - 4 Selectable Whites

RGB - Colour Only

RGB + WW - Colour + Warm White

RGB + CW - Colour + Neutral White

RGBWW - Colour + Tunable White (i.e. RGB+CCT2)

GENERAL INFORMATION
INDICES BY PRODUCT NAME

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GENERAL INFORMATION
INDICES BY PRODUCT CODE

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GENERAL INFORMATION
CONTACT US

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Simply email your order to this address displaying all the details you would usually place on a faxed sales order:
• your company name and branch
• your desired products and quantity thereof
• your purchase order number

Upon receipt of your order, a member of our internal sales team will input your order. You will receive an email confirmation of your order placement.

Tel: + 353 1 709 9050
UK Freephone: 0800 973 220

Fax: + 353 1 709 9060
UK Freefax: 0800 973 221

GENERAL ENQUIRIES
Tel: + 353 1 709 9000
Fax: + 353 1 709 9060
Email: info@robus.com

TECHNICAL ENQUIRIES
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ROBUS GO
The new ROBUS loyalty programme for registered electrical contactors. Register at:
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OFFICES

We have two distribution centres in Europe, one in Dublin, Ireland and one in the UK. These facilities enable quick turnaround of orders. Orders placed in the UK will be delivered within 24 hours (Geographical Exceptions apply).

LED Group
Nangor Road, Dublin 12,
D12 E7VP, Ireland
Tel: +353 1 709 9000
Fax: +353 1 709 9060

LED Group (UK Office)
Bracknell Enterprise & Innovation Hub
Ocean House
12th Floor, The Ring
Bracknell
Berkshire RG12 1AX
United Kingdom
Tel: 0800 973 220
Fax: 0800 973 221

LED Group, ROBUS (Australia Office)
Suite B, 2 Pittwin Road
Capalaba
Queensland 4157
Tel: +61 7 3890 5444
Fax: +61 7 3890 4777

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