

SURFACE FITTINGS

ROBUS®

EAGLE & EAGLET GEARTRAYS WHITE IP65 LED SURFACE FITTING RANGES

This suite of elegant, slim and attractive fittings with a modern aesthetic is designed using Golden Ratio principles. The 4,000K Eagle is available complete, in 3 shell sizes and 4 lumen packages, in standard and emergency. Integral sensor, dual or 3 step light level control and DALI or Analogue dimming for Daylight Harvesting options are available.

Eaglet Glow and WW 14W gear trays are available as accessories to fit into the Medium Eagle shell accessory.



FAST AND SIMPLE INSTALL
WITH CLIP IN GEAR TRAY

Applications:

- For installation in/outdoors such as:
- Atriums, corridors, stairwells, landings, circulation & communal areas in:
- Residential homes, offices, shops, reception areas, restaurants, hotels, schools, hospitals, public buildings, transport facilities, public toilets
- Glow, specifically for accurate rendering of red hues are required such as ladies cloak or dressing rooms

Features:

3 SHELL SIZES

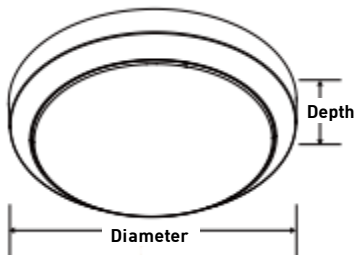
Benefits:

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| <ul style="list-style-type: none"> • 10w, 15w AND 24w versions comply with the requirements of the Carbon Trusts ETCL | <ul style="list-style-type: none"> • Is eligible for ECA's - includes costs of the fittings, installation and delivery • Effectively reduces the cost of a premium installation to that of lower quality |
| <ul style="list-style-type: none"> • A full range of surface mount fittings in 3 shell sizes with a full range of lumen packages providing a Neutral White 4,000K light colour | <ul style="list-style-type: none"> • Provides a range of light outputs to replace traditional CFL light sources • All shell sizes utilise the Golden Ratio design principles for an attractive common aesthetic throughout the installation • Ideal for small cloakrooms or larger areas such as communal lounges & corridors |
| <ul style="list-style-type: none"> • Available to compliment Standard & Emergency versions are, Dual Power, 3 Step Corridor function, DALI & Analogue dimming and Integral Sensors | <ul style="list-style-type: none"> • Integral sensors can solve re-wiring issues for Dual Power or 3 step dimming • Further energy cost savings can be implemented using daylight harvesting dimmable drivers to further reduce the buildings carbon footprint |
| <ul style="list-style-type: none"> • Medium Shell and 14W Eaglet gear tray options in 3,000K or Glow 4,000K with high CRI R_a-90, R_g-65 | <ul style="list-style-type: none"> • Great where a warmer light colour is preferred or a high CRI to highlight red colours such as in make-up and dressing rooms |
| <ul style="list-style-type: none"> • All polycarbonate construction with Robus Pro-diffuser tested to IK10 and IP65 | <ul style="list-style-type: none"> • Maximises light output, low glare, even light distribution without hotspots • Strong and durable so provides exceptionally long physical service life |
| <ul style="list-style-type: none"> • High quality, long life SMD LED technology mounted on steel tray for high thermal conductivity • Provides exceptional light output and low power consumption to achieve exceptional efficacy | <ul style="list-style-type: none"> • Neutral light colour suitable for most installation types and usage • Enhances LED life with no maintenance cost for replacement lamps • More light per watt than many similar LED fittings available • Comparable light output to CFL alternatives so is a one for one replacement • Light output and colour is consistent over life • Superb efficacy providing compliance with current & foreseeable legislation |
| <ul style="list-style-type: none"> • Solid state technology • Can be switched by external microwave, PIR and/or photocell | <ul style="list-style-type: none"> • Rugged - No heat filaments or electrodes to prematurely fail due to vibration & temperature variations • Provides even greater energy savings when lighting not required • Not detrimental to LED life as it is with Fluorescent |
| <ul style="list-style-type: none"> • 20mm gland entry and BESA box mounting points moulded into base | <ul style="list-style-type: none"> • Caters for direct wire entry or for conduit structured wiring systems |
| <ul style="list-style-type: none"> • Twist and lock trim and diffuser • Unique "clip and detachable hinge" EAGLET gear tray with single fixing screw, flying lead and "SWIFT inside" 4 pole plug & play male connector • Swift 4 pole female connector fitted in base | <ul style="list-style-type: none"> • Fast and simple access and removal and replacement of gear tray during cable termination • Quick and easy mains termination into fitting base with large termination area and terminals speeds up installation and facilitates loop in/out • Easy to upgrade gear tray - future proofing as technology evolves |

**EAGLE AND EAGLET GEARTRAYS
WHITE IP65 LED SURFACE FITTING RANGES**

EAGLE					WW TRAY	HIGH CRI TRAY
(Data based on tray in Eagle shell)						
Product Codes:	Standard:	REES7P040-01	REEM01040-01*	REEM01540-01*	REEL02440-01*	RETM01530 RETM01540C90
	Emergency:	REES7P040E-01	REEM01040E-01*	REEM01540E-01*	REEL02440E-01*	NA NA
Comparable to 2D (W):		16	28	38	55	38
Total Power Consumed (W):		6.5	9.6	12.7	21.4	12.4
Total Light Output (lm):		660	1050	1400	2340	1260
Efficacy (lm/cctW):		102	109	110	109	102
Rated LED Life (hrs):		50000	50000	50000	50000	50000
Warranty (yrs):		5	5	5	5	5
Illuminance @1m (lx):		210	340	450	780	410
Beam Angle (Deg):		110	110	110	110	120
Correlated Colour Temp (CCT):		4000	4000	4000	4000	3000
Colour Rendering Index (Ra):		80	80	80	80	80
Emergency Light Output (lm):		130	120	160	260	NA
Emergency Illuminance @1m (lx):		40	40	50	90	NA
Ingress Protection (IP):		65	65	65	65	65
Impact Rating (IK):		IK10	IK10	IK10	IK10	NA
Operating temperature range (°C):		-20≤Ta≤+35	-20≤Ta≤+35	-20≤Ta≤+35	-20≤Ta≤+35	-20≤Ta≤+35
Operating Voltage (Vac):		220-240	220-240	220-240	220-240	220-240
Power Factor (PF):		0.9	0.95	0.95	0.95	0.95
Diameter (mm):		272	330	330	420	270
Depth (mm):		91	91	91	91	NA
Box Qty:		1	1	1	1	1
Weight (Kg):		0.92	1.28	1.28	2.1	0.5

*For sensor version add "SEN" after -01 e.g. REEM01040E-01SEN

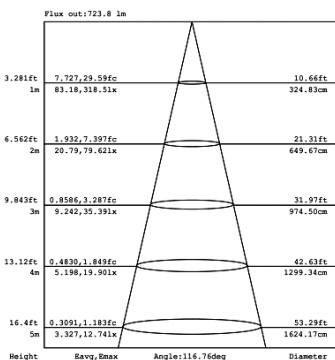


Product code:	Diameter	Depth
REES7P040-01	272	91
REEM01040-01	330	91
REEM01540-01	330	91
REEL02440-01	420	91

Construction:

Body and diffuser manufactured from tough, high impact polycarbonate achieves Impact rating of IK10, to provide the greatest resistance possible to damage

Cone Illuminance Diagram:



Diagrams for 10W versions. All others available on request.

Accessories:

- Eagle Medium Shell for Below Gear Trays
- Eaglet 14W GLOW CRI R_a-90, R₉-65 Gear Tray
- Eaglet 14W 3,000K WARM WHITE Gear Tray

Order Codes

- REEM-01
- RETM01540C90
- RETM01530

Trim Accessory Colour Order Codes

Colour	Order Code	To Fit
Polished Chrome	REESTRIM-03	REES7P040-01
Brushed Chrome	REEMTRIM-03	REEM01040-01
	REEMTRIM-03	REEM01540-01
	REEMTRIM-03	REEM015B460-01
	REELTRIM-03	REEM-01
	REELTRIM-13	REEL02440-01

Standards & Approvals:

Complies with:
Requirements of the ETCL for Enhanced Capital Allowances
Parts L1 & L2 of the UK Building Regulations

Luminous Intensity Distribution Diagram:

