ROBUS®

ELEGANCE 13W & 18W IP54 LED NON-DIMMABLE SLIMLINE BULKHEAD

For wall or ceiling mounting indoors or outdoors, this great looking IP54 rated surface mount bulkhead utilises the latest state of the art LED's and driver technology. It's slim, shallow profile belies its big performance, providing exceptional light output with very low power consumption from a choice of standard or microwave sensor versions

Applications:

- Commercial office:
    - Corridors
    - Toilets
    - Kitchens
- Theatres & cinemas
- Apartment access stairs & corridors
- Care homes and sheltered accommodation
- Student & nurse accommodation
- Hospitals
- Retail shops
- Hotel reception
- Sports centre changing room
- Outside building entrances and access walkways

Construction:

White (RAL9003) Polycarbonate Housing/Trim

Opal polycarbonate diffuser

Cold rolled steel mounting bracket

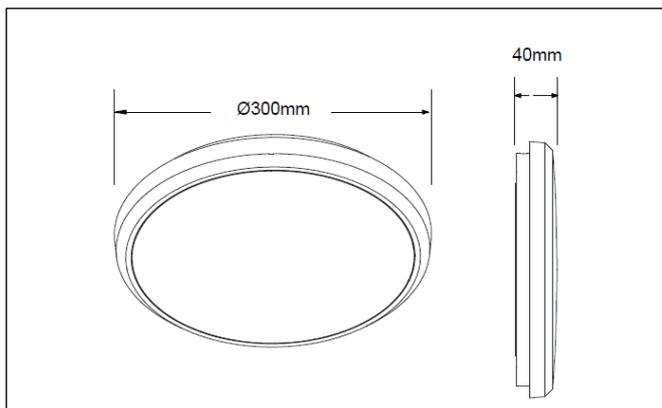Aluminium/FR-4 laminate PCB

Features:	Benefits:
• IP54 rated	• Provides a good level of ingress protection against liquids and solids so is suitable for installation indoors or outdoors
• All polycarbonate housing construction	• High impact rating • Strong and durable for long life • Won't "yellow" over time
• Opal polycarbonate diffuser	• Allows maximum light transmission, low glare and high LOR
• Available in 2 power and lumen packages	• Choice of performance dependent on room size & ceiling height
• Standard non-sensor version	• Can be switched by external PIR, Microwave or photocell • An ideal solution where sensors are already insitu • Short time switching is not detrimental to LED life
• Microwave sensor version with rear mounted on/off switch to enable/disable photocell operation	• Provides a simple wiring solution with 4th pole live out • Up to 6 additional 13W, or 4 additional 18W fitting can be slaved off the master with sensor. This is ideal in corridors, stairwells and apartment landings • Photocell can be disabled so always switches on detection only
• Wall or ceiling mounting	• Choice of lighting effect

• High quality LM80 tested LED's are used	• Provides:
	  • Great light output comparable to traditional PL
	  • Very low power consumption saving around 50%
	  • Over 100 Ll/cctW to comply with EU efficacy requirements
	  • Long life for low-maintenance costs

• Solid state technology	• Rugged – No heat filaments or electrodes to prematurely fail through vibration & temperature variations
• High quality constant current driver	• Provides accurate drive current and voltage for optimum performance to enhance LED and driver life
• Terminal block - 3 pole, 2 ports/pole	• Fast connection & provides L, E, N loop out facility
• Complete with surface mounting bracket	• Allows fast and simple connection and installation
• Side cable entry knockout in base	• Allows connection from rear or from side via surface wiring

ELEGANCE 13W & 18W IP54 LED NON-DIMMABLE SLIMLINE BULKHEAD

Product Code:		
Standard	REA1340-01	REA1840-01
Microwave Sensor	REA1340S-01	REA1840S-01
Comparable to:	26W PL fluorescent	2x18W PL fluorescent
Total Power (W):	12.9	17.9
Total Light Output (lm):	1,360	1,810
Efficacy (lm / cctW):	105	101
Rated Life (hrs):	30,000	30,000
Warranty (yrs):	3	3
Illuminance at 1m (lux):	130	180
Beam Angle (deg):	110	110
CCT (K):	4,000	4,000
CRI (Ra):	80	80
Ingress Protection (IP):	54	54
Impact Rating (IK):	10	10
Operating Temperature (°C):	-20 ≥ +40	-20 ≥ +40
Power Factor (PF):	0.97	0.97
Height (mm):	44	44
Diameter (mm):	300	300
Box Qty:	1	1
Weight (kg):	1.05	1.05

Microwave Sensor Version Parameters:	
Detection Cone Diameter Max (m):	10
Mounting Height Max (m):	4
Delay Off (min):	15
Photocell (lx):	Disable/15
Switch rating (W):	100

Standards & Approvals:

Complies with: EN 60598-2-1, EN 60598-2-2, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 62471, EN 62493, EN 62384
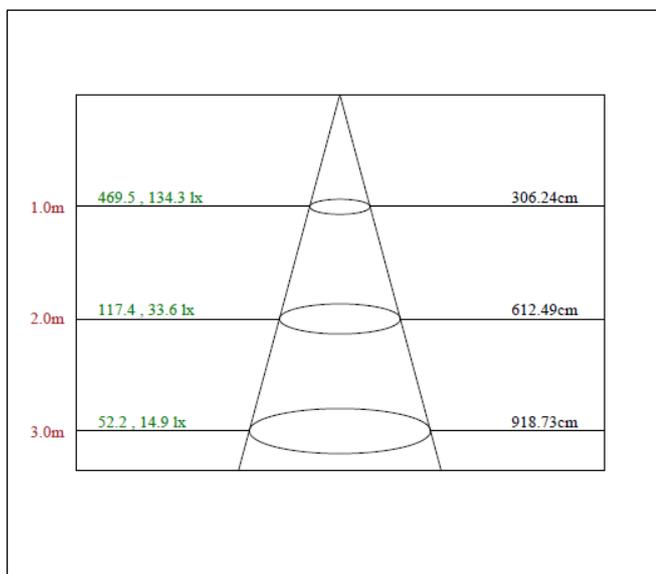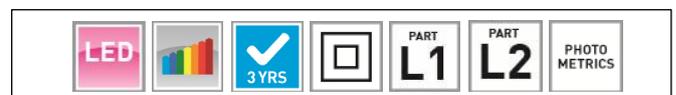
Cone Illuminance Diagram:

Diagram for REA1340-01 in 4,000K. Other diagrams available on request
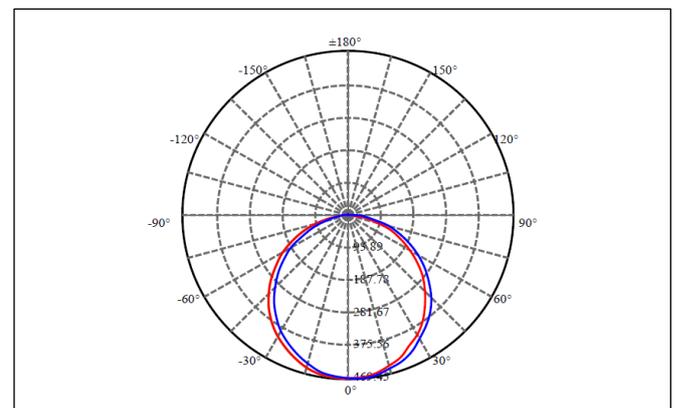

Polar Intensity Diagram:

Diagram for REA1340-01 in x,400K. Other diagrams available on request

LEDGROUP

PLEASE NOTE: INFORMATION IN THIS DOCUMENT MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

IRE: TEL: +353 1 709 9000 **WEB:** WWW.LEDGROUPROBUS.COM
AUS: TEL: +61 7 3890 5444 **WEB:** WWW.LEDGROUPROBUS.COM.AU