

## SURFACE FITTINGS

# ROBUS®

### LUSTRE, SLIM, CCT3 SELECTABLE, DIMMABLE, IP44, LED SURFACE FITTING, WHITE

This IP44 version of the Lustre is now ultra-slim, provides a choice of lumen package, has three selectable colour temperatures, and is dimmable to deliver extensive functionality and energy saving solutions to replace traditional fluorescent. Simple aesthetics make this an attractive fitting for use in either residential or commercial applications



#### Applications:

- Bathrooms, cloak and rest rooms
- Flat & apartment block communal areas
- Public Buildings
- Shops
- Hotels, pubs & restaurants
- Care homes
- Stairwells
- Corridors
- Waiting rooms

#### Construction:

White painted steel base

Polycarbonate trim

PMMA diffuser

Glass Reinforced Epoxy laminate FR-4 PCB

#### Features:

- Pressed & rolled steel base with high impact UV stabilised slim opal PMMA diffuser
- Available in two lumen packages
- Warm, Neutral or Daylight White Colour Temperature selectable via driver mounted 3 position switch
- Phase cut dimmable driver as standard (See compatibility list)
- Utilises high quality, long life, surface mount 2835 SMD LED technology to:
  - Provide exceptional light output and low power consumption to achieve great efficacy
  - Ensure lumen & CCT depreciation is minimised
  - Achieve a rated LED life of 30,000 hours
- Solid state technology
  - No heat filaments, electrodes or seals
  - No cool down or warm up time
- Wide ambient operating temperature range
- Ingress Protection of IP44
- Incoming silicone gland and PA12, 3 terminal block

#### Benefits:

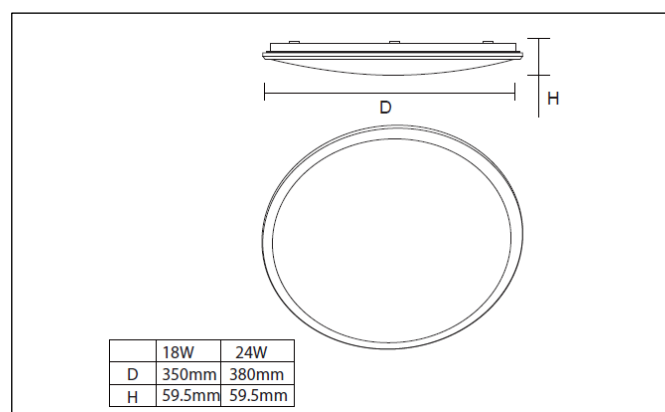
- Strong and durable construction provides long service life
- Steel base provides excellent heat conduction for longer LED life
- Diffuser allows maximum light output transmission with:
  - Low glare
  - Uniform light distribution without hotspots
- Pleasing aesthetics as the individual LED's are not visible
- The fitting doesn't protrude from the ceiling or wall for neat profile
- Medium light output for corridors, stairways and landings or high output for large areas to reduce the number of fittings required
- Select the CCT most suitable for the use of the space after installation
- Change CCT if the use changes by simply removing the diffuser
- Functional dimming when used in meeting or lounge areas
- In combination with alternative CCT's provides a superb ambience
- Compared to T8 fluorescent:
  - Comparable light output so is a one for one replacement
  - Energy savings of over 40% providing paybacks of <12 months
  - Superb efficacy
  - Light output and colour is consistent over life
  - No maintenance cost for replacement lamps
- Rugged – will not fail through vibration or hot to cold temperature changes for huge maintenance cost savings
- Can be used in conjunction with presence detectors to provide "instant on/off" for additional energy savings without detriment to LED life as is the case with traditional light sources
- Can be operated 24/7
- Ideal for environments with extremes of hot to cold temperature
- Extends application to areas with light water spray
- Large terminals for easy connection, loop in/out and earth continuity

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Product Code:	RLUS18CCT3-01	RLUS24CCT3-01
Comparable to:	32W T8 fluorescent	40W T8 fluorescent
Total Power (W):	17.7/17.1/17.7	25/23.7/28.9
Total Light Output (lm):	1080/1210/1140	1370/1620/1450
Efficacy (lm / cctW):	61/71/65	55/68/50
Rated Life (hrs):	30000	30000
Warranty (yrs):	2	2
Illuminance at 1m (lux):	320/360/330	420/490/440
Beam Angle (deg):	110	110
CCT (K):	3000/4000/6000	3000/4000/6000
CRI (Ra):	80	80
Ingress Protection (IP):	44	44
Impact Rating (IK):	IK07	IK07
Operating Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Power Factor (PF):	0.97	0.97
Height (mm):	60	60
Diameter (mm):	350	380
Box Qty:	1	1
Weight (kg):	0.95	1.15



### Accessories:

RLUS24TRIM-15

SATIN SILVER TRIM FOR 24W SLIM LUSTRE

RLUS18TRIM-15

SATIN SILVER TRIM FOR 18W SLIM LUSTRE

### Standards & Approvals:

Complies with: SAA, RCM

### Cone Illuminance Diagram:

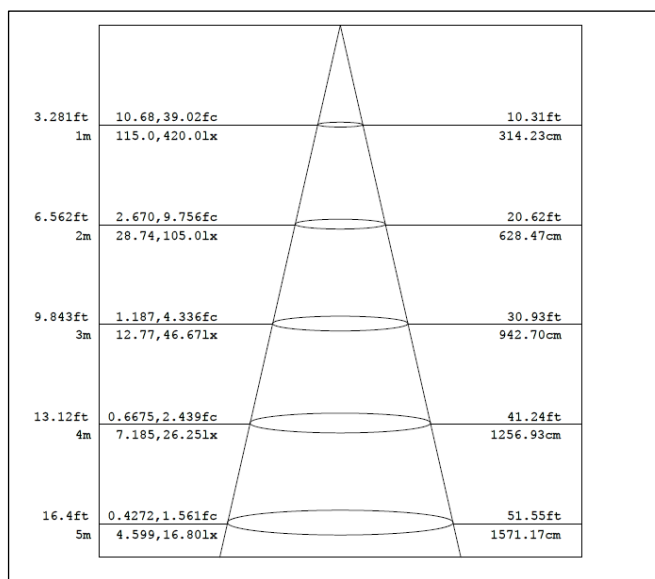
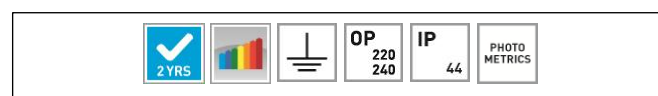


Diagram for RLUS24CCT3-01 in 3,000K. Other diagrams available on request



### Polar Intensity Diagram:

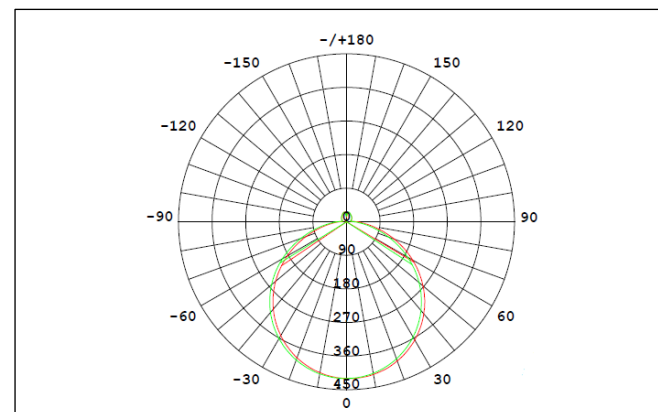


Diagram for RLUS24CCT3-01 in 3,000K. Other diagrams available on request