

SURFACE FITTINGS

COMPACT IP65 10W SMD LED SURFACE FITTING



This impressive IP65 amenity fitting utilises the latest SMD LED technology to provide exceptional lighting performance using a fraction of the energy consumed by traditional 2D light source fittings.

Huge savings in maintenance and traditional lamp change costs are achieved to provide very short paybacks, particularly where switching by integral sensor is employed which reduces traditional lamp life considerably.

These great surface mount fittings are suitable for applications in:

- Retail Shops
- Public Buildings
- Stairwells
- Sports centres
- Walkways
- Corridors
- Communal areas

Codes:	Standard: RC100LEDN-01	Sensor: RC100LEDS-01
	Emergency: RC100LEDNE-01	Sensor+EM: RC100LEDNE-015
Comparable to:	Prismatic 28W 2D	
Light output L₁₀₀ (lm):	1020	
Light output in emergency (lm):	140	
Illuminance @ 1m (lx):	250	
Beam Angle (deg):	110	
Colour Temp L₁₀₀ (k):	4,000	
CRI L₁₀₀ (Ra):	80	
Power Consumed (W):	11.4	
Efficacy (lm/cctW):	89	
Power Factor:	0.75	
LED Rated Life (hrs):	50,000	
Operating Ambient Temperature (°C):	-20<Ta<+35	
Ingress Protection (IP):	IP65	
Impact Protection (IK):	08	
Box Qty:	8	
Weight Standard/Emergency(Kg):	1/1.3	
Guarantee (Yrs):	3	

FEATURES

- Utilises 100 high quality Refond SMD LED's which provide:
 - High luminous flux
 - Low power consumption
 - High efficacy
- Colour temperature of 4000k with high CRI
- Solid state technology
- Version with integral microwave sensor rated at 100W
 - When mounted at 3m has detection range of 12m
 - Off time delay 5s to 20 minutes
 - Photocell inhibit from 5 lux to daylight
 - Sensitivity selection of 10%, 50% or 100%
- Integral emergency version available producing over 150 lumens in emergency mode
- High impact (IK08) IP65 rated polycarbonate construction with screw fixing high efficiency satin prismatic diffuser
- Keyhole LED plate fixing
- Flat gland entry points on base sides

BENEFITS

- Provides long life of 50,000 hours with zero maintenance or annoying dark areas, often the case where traditional 2D lamps have failed
- Comparable light output to replace 2D prismatic "one for one"
- Uses <10W making energy savings of over 65% compared to 2D
- Provides up to 80 lumens for every watt used complying with Part L
- All the above help to provide very low energy and maintenance costs through life with paybacks achieved in months
- Cool light colour & high CRI for clear visibility, ideal for security lighting
- Rugged – No heat filaments or electrodes to prematurely fail through vibration & temperature variations
- Can be switched by microwave, PIR and/or photocell to provide even greater energy savings without detriment to LED life
- Provides a neat solution where external sensors and wiring may be difficult to install
- A further 9 fittings may be slaved off the master fitting, ideal for stairs
- Provides extended detection area for walkways or corridors
- Totally adjustable for all control scenarios to maximise energy savings
- Provides emergency lighting to enable compliance with emergency lighting requirements in buildings and to allow safe exit route traverse
- Strong and durable, protection against vandalism with long service life
- Diffuser material:
 - Allows maximum light output
 - Provides low glare
 - Creates even light distribution without hotspots
 - Is aesthetically pleasing as the individual LED's are not visible
- Fast access to connection area for initial wiring
- Plate can be turned over and mounted back on the screws to allow both hands to be used for wiring
- Screws do not need to be removed so are not lost
- Allows for standard 20mm conduit/gland structured wiring system

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