

SURFACE FITTINGS

COMPACT IP65 7W SMD LED SURFACE FITTING



This impressive utility fitting uses 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 also achieved to provide very short paybacks, particularly where automatic switching by 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: RC100LED-01 Emergency: RC100LEDE-01
Comparable to:	28W 2D
Light output L₁₀₀ (lm):	530
Light output in emergency (lm):	142
Illuminance @ 1m (lx):	180
Beam Angle (deg):	110
Colour Temp L₁₀₀ (k):	4,000
CRI L₁₀₀ (Ra):	75
Power Consumed (W):	7
Efficacy (lm/cctW):	76
Power Factor:	>0.5
Average LED Life L₇₀F₁₀ (hrs):	50,000
Operating Ambient Temperature (°C):	-10<Ta<+30
Ingress Protection:	IP65
Box Qty:	6
Weight Standard/Emergency(Kg):	1.03/1.33
Guarantee (Yrs):	3

FEATURES	BENEFITS
<ul style="list-style-type: none"> Utilises high quality long life surface mount LED's from Refond which: <ul style="list-style-type: none"> Provide exceptional light output of >530 lumens Uses <7 watts of power Ensures lumen & CCT depreciation is minimised Gives an average LED life of 50,000 hours Provides an efficacy of >75 luminaire lumens/circuit watt 	<ul style="list-style-type: none"> Compared to 2D compact fluorescent: <ul style="list-style-type: none"> Comparable light output so is a one for one replacement Energy savings of over 75% providing paybacks of <12 mths Light output and colour is consistent over life No maintenance cost for replacement lamps Phenomenal efficiency providing compliance with current & foreseeable Part L1 & L2 Building Regulations efficiency legislation
<ul style="list-style-type: none"> Colour temperature of 4000k with high CRI 	<ul style="list-style-type: none"> Cool light colour provides clear visibility with high CRI for security lighting
<ul style="list-style-type: none"> Solid state technology 	<ul style="list-style-type: none"> Rugged – No heat filaments or electrodes to prematurely fail through vibration & temperature variations
<ul style="list-style-type: none"> Can be switched by microwave, PIR and/or photocell 	<ul style="list-style-type: none"> Provides even greater energy savings when lighting not required Not detrimental to LED life as it is with CFL
<ul style="list-style-type: none"> High impact polycarbonate construction with high efficiency satin prismatic diffuser utilising screw fixing which can be changed to security type if required 	<ul style="list-style-type: none"> Strong and durable protection against vandalism with long service life Diffuser material: <ul style="list-style-type: none"> Allows maximum light output Provides low glare Creates even light distribution without hotspots Is aesthetically pleasing as the individual LED's are not visible
<ul style="list-style-type: none"> Keyhole LED plate fixing 	<ul style="list-style-type: none"> 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 accidentally lost
<ul style="list-style-type: none"> Integral emergency version available producing over 140 lumens in emergency mode 	<ul style="list-style-type: none"> Provides emergency lighting at 25% of normal light levels to enable compliance with emergency lighting requirements in buildings
<ul style="list-style-type: none"> Has flat gland entry points on base sides 	<ul style="list-style-type: none"> Allows for conduit/gland wiring system
<ul style="list-style-type: none"> IP65 	<ul style="list-style-type: none"> Ideal for indoor or outdoor applications

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