

## SURFACE FITTINGS

### IP65 10W SMD LED GOLF SURFACE FITTING



Utilising the latest Surface Mount Diode LED technology combined with a new high efficiency Pro-diffuser, the LED Golf provides one of the most energy and maintenance savings solutions available. Versatility is enhanced with options of integral microwave sensor, dual power for background lighting and emergency versions.

These great Golf fittings are suitable for applications in:

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

<b>Standard with white trim:</b> +Microwave Sensor: <b>R100LEDS-01</b> +Dual Power: <b>R100LED-01DP</b>	<b>Emergency with white trim:</b> Emergency: <b>R100LEDE-01</b> +Microwave: <b>R100LEDES-01</b> +Dual Power: <b>R100LEDE-01DP</b>
<b>NEW</b> – 3,000K version now available	<b>R100LEDWW-01</b>
<b>Comparable to:</b>	28W 2D
<b>Rated LED Light output L<sub>100</sub> (lm):</b>	750(700)
<b>Light output in emergency (lm):</b>	180
<b>Illuminance @ 1m (lx):</b>	250(230)
<b>Beam Angle (deg):</b>	110
<b>Colour Temp L<sub>100</sub> (k):</b>	4,000
<b>CRI L<sub>100</sub> (Ra):</b>	80
<b>Power Consumed (W):</b>	10
<b>Efficacy (lm/cctW):</b>	75(70)
<b>Power Factor:</b>	0.75
<b>Rated LED Life (hrs):</b>	50,000
<b>Operating Ambient Temp (°C):</b>	-10<Ta<+30
<b>Ingress Protection:</b>	IP65
<b>Mechanical Impact Rating:</b>	IK09
<b>Min/Box Qty:</b>	1/6
<b>Weight (Kg):</b>	1.8
<b>Warranty (Yrs):</b>	5

#### FEATURES

- Provides a great combination of functionality:
  - Standard
  - Integral Microwave
    - Detection range of 12m when mounted at 3m
    - Off time delay 5s to 20 minutes
    - Photocell inhibit from 5 lux to daylight
    - Sensitivity selection of 10%, 50% or 100%
  - Dual Power -selectable background light 20%, 30%, 50%
  - Emergency lighting of almost 25% on mains failure

- High impact polycarbonate construction (IK09 to EN62262)
- New high efficiency pro-diffuser

- Utilises 100 high quality Refond SMD LED's which provide:
  - High luminous flux with low lumen depreciation over life
  - Low power consumption
  - High efficacy

- Stable colour temperature of 3000K/4000k with high CRI

- Solid state technology

#### BENEFITS

- Provides integral sensor activation with fully selectable parameters where external sensors may be difficult to install
- Slave a further 9 fittings off the sensor for corridor or stairways
- Constant selectable background light for safety, peace of mind and user confidence as they are not walking into dark areas
- Instant full light output for normal operation when presence detected
- Reduces power consumption and energy costs by up to 80% whilst in background light level mode
- Provides good levels of emergency lighting for safe traverse

- Strong and durable protection against vandalism with long service life
- New diffuser material:
  - Allows maximum light output
  - Provides low glare
  - Creates even light distribution without dark or hotspots
  - Aesthetically pleasing as the individual LED's are not visible

- 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 "one for one"
- Uses only 10W making energy savings of over 65% compared to 2D
- Provides up to 75 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

- Provides clear visibility and is ideal for security camera coverage

- Rugged – No heat filaments or electrodes to prematurely fail through vibration & temperature variations
- Can be switched by microwave, PIR and/or photocell
  - Creates even greater energy savings when lighting not required
  - Not detrimental to LED life as it is with CFL light sources

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