

FRD1001

IP65 6W LED Fire Rated Downlight with Integrated PIR motion detector

Features & Benefits

- Selectable 3000K / 4000K / 6000K colour temperatures.
- 500 / 540 / 550 Lumens depending on selected CCT.
- Time delay adjustable from 30 seconds - 15 minutes.
- 360° Detection angle with a 4 metre diameter range.
- 10 - 1000 PIR Lux light level adjustment. PIR sensitivity adjustment.
- Up to 25 "FRD1000" units can be wired alongside the "FRD1001".
- The installation area can be wired with up to x6 "FRD1001" units to accommodate various entry and exit points and fill in any empty spaces.
- Detachable driver via 6 pin micro fit Molex connection for easy maintenance.
- Standby Power <1W.
- 68mm Hole cut out.



Technical Data

Operating Voltage	230V AC
Frequency	50Hz
Installation Type	Flush Mount
Earth Class Rating	Class II (Driver), Class III (Luminaire)
Operating Temperature	-20°C to 40°C

Data sheet

FRD1001

Light / LED Lighting

Ingress Protection Rating	IP65 (Front), IP20 (Back)
Approved Mounting Height (m)	2.5
Presence Detection (m)	4 Diameter
Detection Angle	360°
PIR Sensitivity	Yes
Wattage	6
Beam Angle	130°
Energy Efficiency	Class F
Energy Usage	6kWh/1000H
Lumen Output (lm)	500/540/550 Dip Switch Selectable
Luminaire Efficiency	92lm/W
Colour Temperature (K)	3000, 4000, 6000 (CCT3), Selectable Via Dip Switch
LED Type	SMD Integrated
Hole Cut-Out Size (mm)	68
Standby Consumption	<1W
ON Time Adjustment	30 Seconds - 15 Minutes
LUX Level	10 - 1000
Permanent ON Facility	Yes (Pulse Manual Override)
Multiple Unit Support	Yes (6 Max)
Cable Capacity (mm2)	1.5

General

Weight (g)	290
Height (mm)	88
Width (mm)	88
Depth (mm)	44
Body Construction	Polycarbonate Bezel, Aluminium Body



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Light / LED Lighting

Product Colour	Housing (Black), Bezel (White)
EAN Number	5012483016169
Guarantee Period	5 Years
Trade Tariff Commodity Code	9405114090

Line Diagrams

