

PRODUCT DATASHEET

Product Code: F12C0714

Vandal – Proof Spot 3W 120 °

Vandal -Proof LED SPOT DOWNLIGHT 2-Part Screwed Body | Luminaires



Areas of Application

- Elevators
- Offices
- Home Appliances
- Retail
- Shops, boutiques
- Hotel Rooms
- Stairways
- Corridors
- Lobbies

Product Benefits

- Energy saving up to 95%
- **Over Protected with 6mm Tempered Safety Glass**
- **Vandal-Proof Category II Certified**
- Easy installation
- No IR and UV radiation
- Mercury free
- High luminous efficacy
- Die-cast aluminium housing for improved heat dissipation and durability
- Shallow mounting depth
- Various options to highlight target areas
- 5 years guarantee



Product features

- Working voltage 12V / 24V / 48V / 230V
- Beam angle: 120 degrees
- Diameter of required ceiling cut out: 62mm
- 2-Part screwed Body (PCB Holder & Ring Separate)
- 2 screws on ring that penetrate the ceiling and screwed for Anti-Theft application.
- Ω metal blockade for Anti-theft application.

TECHNICAL DATA

Electrical Data

Nominal power consumption	3 W
Rated power consumption	3 W
Working Voltage	12V / 24V / 48V / 230V
Lamp equivalent	50 W
Rated efficacy	165 lm/W @ 5700 K
Operating frequency	50...60 Hz
Power factor	> 0,90

Photometrical Data

Nominal luminous flux	495 lm
Rated luminous flux	495 lm
Luminous efficacy	165 lm/W @ 5700 K
Colour Temperature	3000 K / 4000 K / 6000K
Light Colour (designation)	Warm White / Neutral White / Cool White
Colour rendering index Ra	> 90
Beam angle	120 °
Standard deviation of colour matching	< 3 sdcn
Starting Time	0.5s (max)
Lumen degradation after 12.000 hrs	0%
Lumen degradation after 16.000 hrs	0%
Lumen degradation after 20.000 hrs	0%
Number of LEDs	48

Dimensions

External Diameter (Ring)	100 mm
Height (Ring and PCB Holder with Springs)	34 mm
Depth	26 mm minus the ceiling thickness
Cutting Hole	62 mm

Material & Colours

PCB Colour	White
Housing Colour	White / Chrome / Special
Body material	Aluminium
Cover Material	6mm Tempered Safety Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Cables , 2-Pole (L,N)
Dimmable	Yes (12VDC with FRWD0805)
Mounting Type	Recessed
Anti-thief Application	Screws with Patron & Galvanized Bracket (optional)
Mounting location	Ceiling / Elevator Door
Mounting Depth	26 mm minus the ceiling thickness
LED PCB replaceable	Yes

Lifespan

Lifespan of LED PCB at 25°C	50.000 hrs
Rated lamp survival factor after 12.000 hrs	0.99
Rated lamp survival factor after 16.000 hrs	0.99
Rated lamp survival factor after 20.000 hrs	0.99

LOGISTICAL DATA

Product Code	Packaging Unit	Dimensions (LxWxH)	Gross Weight	Volume
F12C0714	Folding box 1 piece	105mm x 105mm x 50mm	192.00 g	2.75 dm ³
	Shipping box 50 pieces	600mm x 320mm x 600mm	15.000 g	29.56 dm ³