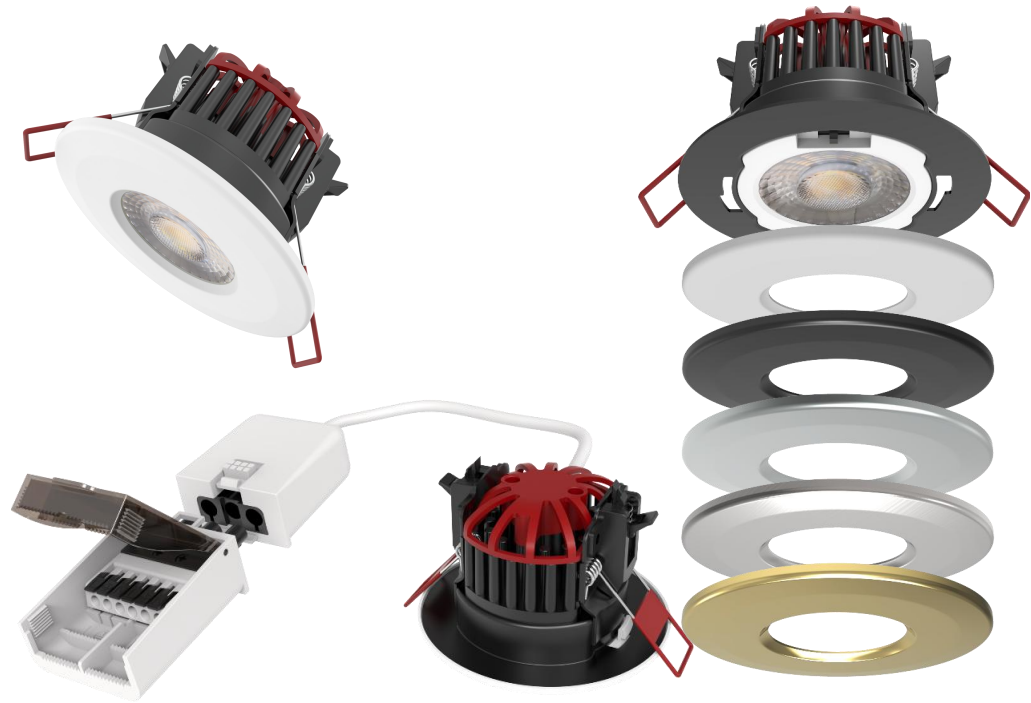


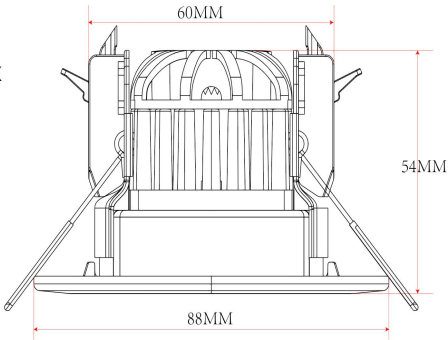


**SAPPHIRE - Smart Spring 4CCT Dimmable
Fire-rated LED Downlight 8W >800lm**



Features & Benefits

- 4CCT colour Switchable, 2700K / 3000K / 4000K / 6000K
- Speed fit loop in/out push fit terminals
- Fully fire-rated for 30, 60 and 90 minute ceilings
- IP65, suitable for bathrooms (internal use only)
- Strong protected spring clips
- Triac dimmable as standard
- Flicker Free



General Information

Product Status	Active
Product Range	LED Downlight
Trade Name	SAFRD8W
Product version	FIXED DOWNLIGHT
IC Cover	Included on top, can be covered by the insulation materials
Light Source	SMD LED
CCT Switchable	2700K/3000K/4000K/6000K
Lighting Product Type	Fired Rated Downlights
Product Shape	Round

Mounting	Recessed
Product Weight	0.25kg
Color Finish	White / Black / Chrome / Satin Nickel / Brass
Overall Dimensions	Ø88mm x 54mm
Recommended Product Location	Indoor use only,Bathroom Zone1
Cutout Size	72mm
Method Of Fix	Recessed with Spring Clips
Product Aperture Size	50mm
IP Rating	IP65 Front
Environment	Indoor
Duration Of Fire Protection (mins)	30mins / 60mins / 90mins
Origin Of Manufacture	Made In China
Guarantee	5 year warranty
Dimming Protocol Compatibility	Triac
Driver Place	External
Electrical	
Voltage Rating	220-240VAC
Secondary Running Current	100mA
Operating Frequency (Hz)	50/60Hz
surge protection	1.5kv
CC or CV	CC
Luminaire Circuit Wattage	8W
Sec - Voltage (V)	60-90Vdc
Class	Class II
Input Electrical Connections	Push-Fit Terminals LEN Loop In/Loop Out
Dimmable	Yes
Max No. In Run	20
Performance Data	
Energy Rating	E
Lumen Output	800lm
Lumens Per Circuit Watt	>105lm/W
LED Life (Hours)	50000
Color Rendering Index	>80
SDCM	<6
Correlated Color Temperature	2700K/3000K/4000K/6000K
Beam Angle	60-degree
LOR (Light Output Ratio) %	95%
Photometry Available	Yes: available on request.

Construction

Primary Material	Steel
Lens	PC
Heat Sink	Extruded Aluminium
Driver Housing	PC
Terminal Box	PC

Packaging

Luminaire Carton Dimensions	505cm(L)*23cm(W)*40cm(H)
Quantity Per Outer Carton	50pcs
Packaged Weight	15kg

Standards

Listings	Fire Rating BS 476-21 : 1987
Listings	CE/UKCA/ERP/IP65/ROHS
Manufactured In Accordance To	BS EN 60598:2015, 2-1, 2-2
CE Marked	Yes
WEEE Symbol	Yes