

**ECOGUARD SMART FIRE RATED DOWNLIGHT 65MM CUTOUT IP65 600LM
5W RGBW 2700K TO 6500K TUYA CONTROL 38 BEAM DIMMABLE 120LM/W
WHITE INTEGRAL**

ILDLFR65M004



The EcoGuard range offers premium protection and reliability with exceptional value and efficacy (120lm/W). Offering IP65 water and dust resistance, the EcoGuard is ideal for commercial and residential applications especially in kitchens and bathrooms. Complete with in-built Tuya functionality, the EcoGuard Smart model offers dimmable, tuneable, white and full RGB colour changing, all controlled through the convenient and intuitive Tuya smartphone app. Tuya allows management of individual light sources as well as groups of lights, along with scene setting, voice activation with Amazon Alexa and Google Home devices and more. Installation is quick and easy, even in shallow ceiling voids, thanks to the low-profile design and tool-free Fast Connect loop-in, loop-out junction box, whilst the fully enclosed design makes it suitable for overlaying with insulation without posing a risk to safety or product longevity. Integral LED's Fast Connect junction box can be separated allowing wiring to be finalised and concealed until decoration is complete. When ready, the Fast Connect junction box can be clicked together and the EcoGuard downlight installed. Future maintenance is simple and painless as the luminaire can be easily unplugged and removed. Fire rated to 30, 60 and 90 minutes (Solid Timber Joist) and to 30 and 60 (i-Joist) to EN 1365-2, and in compliance with BS 476 Part 21, the EcoGuard provides peace of mind wherever fire protection is required.

Details

Quick Order Code:	528059
Barcode:	5055788286899
Category:	Downlights
Range Name:	EcoGuard
Product Type:	Fire Rated
Product Body Finish:	Matt white
Market Segment:	Commercial indoor, Residential indoor
Fixed/Tilttable:	Fixed
Warranty (Years):	3
CE RoHS:	Yes

Physical Data

Product Depth (mm):	52
Product Width (mm):	85
Product Weight (g):	210

Material:	Steel, Glass
Overall diameter (mm):	85
Construction:	Pressed Steel, Glass
Cut Out Diameter (mm):	65
Bulb or Luminaire Shape:	Round
Luminaire Fixing:	Recess mounted
Placement / Application:	Indoor, General Lighting
Spot Type:	SMD

Electrical Data

Power (W):	5
Power Consumption (W) :	5
Power Factor:	0.7
Wattage equivalent (W):	50
Amperage (mA):	14
Dimming:	TUYA Dimming
Driver Included:	Yes
Electric Current:	AC
EN:	Yes
LVD Certified:	Yes

Light Data

Luminous Flux in Lumens (lm):	600
Luminous efficacy (lm/W):	120
Correlated Colour Temperature (CCT) (K):	RGBW
Colour Temperature Name:	RGBW
Beam Angle:	38
Colour Rendering Index (CRI):	80
Compatible Dimmers:	TUYA Dimming
Fire Rating (mins):	30, 60, 90, 30-60 I-JOIST
Frequency Range (Hz):	50/60
Instant on (Less than 1 second):	Yes
Integrated Light Source:	Yes
LED Type:	Surface mounted device (SMD)
Lifetime (hours):	25000
Switching Cycles:	12500
Useful Lumens (lm):	560

Environment

EN:	Yes
LVD Certified:	Yes
CE RoHS:	Yes
Hg 0% (Mercury Free):	Yes
IP Rating (Back/Recessed side):	IP20
IP Rating (Ingress Protection):	IP65
Lowest Operating Temperature (°C):	-20
Maximum Operating Temperature (°C):	45

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Packaging

Product Design And Specification Subject To Change Or Modification Without Notice. Image For Illustration Only. E&OE

Package Weight (g):	250
Package Length (mm):	105
Package Width (mm):	105
Package Depth (mm):	65