

**ECOGUARD FIRE RATED DOWNLIGHT 65MM CUTOUT IP65 600LM 5W 4000K  
38 BEAM DIMMABLE 120LM/W WHITE INTEGRAL**

ILD LFR65M002



The EcoGuard range offers premium protection and reliability with exceptional value and efficacy (120lm/W). Complete with in-built dimmable driver and offering IP65 water and dust resistance, the EcoGuard is ideal for commercial and residential applications especially in kitchens and bathrooms. Installation is quick and easy, even in shallow ceiling voids, thanks to the low-profile design and tool-free 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. 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**

<b>Quick Order Code:</b>	103592
<b>Barcode:</b>	5055788286875
<b>Category:</b>	Downlights
<b>Range Name:</b>	EcoGuard
<b>Product Type:</b>	Fire Rated
<b>Product Body Finish:</b>	Matt white
<b>Market Segment:</b>	Commercial indoor, Residential indoor
<b>Fixed/Tilttable:</b>	Fixed
<b>Warranty (Years):</b>	3
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Depth (mm):</b>	52
<b>Product Width (mm):</b>	85
<b>Product Weight (g):</b>	180
<b>Material:</b>	Steel, Glass
<b>Overall diameter (mm):</b>	85
<b>Construction:</b>	Pressed Steel, Glass
<b>Cut Out Diameter (mm):</b>	65
<b>Bulb or Luminaire Shape:</b>	Round
<b>Luminaire Fixing:</b>	Recess mounted
<b>Placement / Application:</b>	Indoor, General Lighting
<b>Spot Type:</b>	SMD

## Electrical Data

Power (W):	5
Power Consumption (W) :	5
Power Factor:	0.8
Voltage Range (v):	220-240
Wattage equivalent (W):	50
Amperage (mA):	14
Dimming:	Dimmable with compatible dimmers
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):	4000
Colour Temperature:	4000K - Cool White
Colour Temperature Name:	Cool White
Beam Angle:	38
Colour Rendering Index (CRI):	80
Compatible Dimmers:	Varilight JQP401W
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):	585

## 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

## Packaging

Package Weight (g):	210
Package Length (mm):	105
Package Width (mm):	95
Package Depth (mm):	65

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