

**LUXFIRE FIRE RATED DOWNLIGHT 70MM CUTOUT IP65 450LM 6W 4000K 36 BEAM DIMMABLE 75LM/W WHITE INTEGRAL**

ILDLEFR70A002



\*\*\*\* Awarded 4 Stars "Recommended" by Lux Review (January 2016) \*\*\*\* Who says you can't have style without safety? Integral LED Lux Fire downlights not only conform to 30, 60 and 90mins fire rating specifications but are also rated to IP65, so they can be used safely in bathrooms. Lux Fire fire-rated downlights have been tailored to deliver a premium finish to any home or business with their low-glare, high-quality light and contemporary design that looks impressive in any setting. Lux Fire downlights are built using a deep recessed COB LED light source, providing a beam that has softened edges for a luxurious effect. Supplied with a white scalloped metal bezel (interchangeable). Easy to install with low-profile body. Complete with Loop-in / Loop-out driver. IP65 and Air tightness compliant with Part C and Part L. Resistance to Sound compliant with Part E.

**Details**

<b>Quick Order Code:</b>	808270
<b>Barcode:</b>	5055788213727
<b>Category:</b>	Downlights
<b>Range Name:</b>	Lux Fire
<b>Product Type:</b>	Fire Rated
<b>Product Body Finish:</b>	Matt white
<b>Market Segment:</b>	Commercial indoor, Residential indoor
<b>Finish:</b>	Matt White
<b>Fixed/Tilttable:</b>	Fixed
<b>Warranty (Years):</b>	3
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Length (mm):</b>	70
<b>Product Weight (g):</b>	370
<b>Optic:</b>	Clear Refractor
<b>Material:</b>	Aluminium alloy, Acrylic, Iron
<b>Overall diameter (mm):</b>	85
<b>Construction:</b>	Extruded Aluminium alloy heat-sink, Iron body, Steel springs and mounting plate, Acrylic diffuser
<b>Cut Out Diameter (mm):</b>	70
<b>Luminaire Fixing:</b>	Recess mounted
<b>Placement / Application:</b>	Indoor, General Lighting

**Spot Type:** COB

## Electrical Data

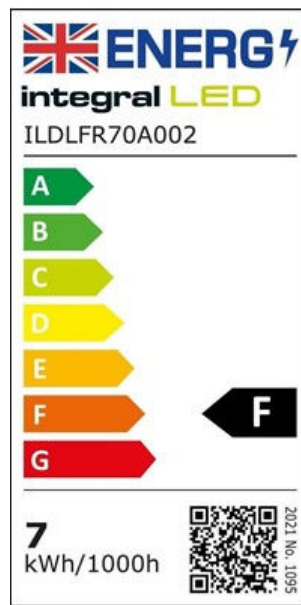
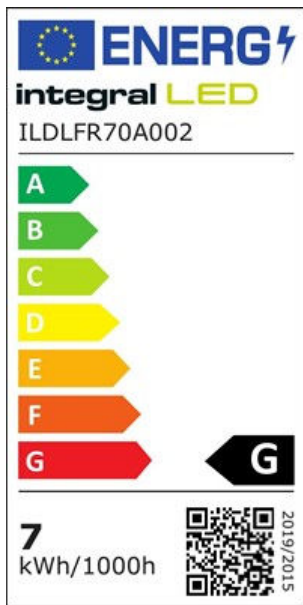
**Power (W):** 6  
**Power Consumption (w):** 6  
**Power Factor:** 0.89  
**Wattage equivalent (W):** 38  
**Amperage (mA):** 500  
**Dimming:** Dimmable  
**Driver Included:** Yes  
**Electric Current:** AC  
**EN:** EN-60598  
**LVD Certified:** Yes

## Light Data

**Luminous Flux in Lumens (lm):** 410, 450  
**Luminous efficacy (lm/W):** 75  
**Correlated Colour Temperature (CCT) (K):** 4000  
**Colour Temperature:** 4000K - Cool White  
**Colour Temperature Name:** Cool White  
**Beam Angle:** 36  
**Colour Rendering Index (CRI):** 80  
**Compatible Dimmers:** Varilight JQP401W  
**Fire Rating (mins):** 30, 60, 90  
**Frequency Range (Hz):** 50/60  
**Instant on (Less than 1 second):** Yes  
**LED Type:** Chip on board (COB)  
**Lifetime (hours):** 35000  
**Switching Cycles:** 17500

## Environment

**EN:** EN-60598  
**LVD Certified:** Yes  
**CE RoHS:** Yes  
**New Energy Rating:** F  
**EU Luminaire:** L  
**Hg 0% (Mercury Free):** Yes  
**IP Rating (Ingress Protection):** IP65  
**Lowest Operating Temperature (°C):** -20  
**Maximum Operating Temperature (°C):** 45



## Packaging

Package Weight (g):	410
Package Length (mm):	140
Package Width (mm):	110
Package Depth (mm):	95

[Portal.integral-led.com](http://Portal.integral-led.com)