

**LUXFIRE 2 FIRE RATED DOWNLIGHT 70MM CUTOUT IP65 30 DEG TILTABLE  
7W 840LM 3000/4000/5000 SWITCHABLE CCT 120LM/W 55 DEG BEAM  
DIMMABLE WHITE INTEGRAL**

ILD LFR92C026



Fire safe, energy efficient and stylish, the Integral LED Lux Fire II downlight does it all. Tailored to deliver a premium look to any setting, the deep recess and delicately curved bezel offer optimal glare protection whilst maintaining a high-end, contemporary finish. The selection of interchangeable bezels allows you to customise your Lux Fire II downlights to match your décor. IP65 rated for water and dust resistance, the Lux Fire II is ideal for commercial and residential applications especially in kitchens and bathrooms. With three colour temperature options to choose from (3000K warm white, 4000K cool white & 5000K daylight) selectable during installation //and with a 30° tilt allowing the light to be angled as required// the Lux Fire II can suit the demands of any lighting project. Utilising the latest developments in LED chip design, this model is over 40% more energy efficient than previous Lux Fire models providing an incredible 120lm/W. Our most powerful integrated downlight to date, the Lux Fire II offers light output up to 840 lumens which is fully dimmable. The low-profile design and tool-free Fast Connect loop-in, loop-out junction box enable swift and straightforward installation, even in shallow ceiling voids, whilst the enclosed design makes it safe to directly overlay with insulation. Certified for fire resistance at 30, 60, and 90 minutes for Solid Timber Joist and, 30 and 60 minutes for I-Joist, according to EN 1365-2 and compliant with BS 476 Part 21, the Integral LED Lux Fire II ensures peace of mind wherever fire protection is needed.

**Details**

<b>Quick Order Code:</b>	877284
<b>Barcode:</b>	5055788292562
<b>Category:</b>	Downlights
<b>Range Name:</b>	Lux Fire II
<b>Product Type:</b>	Fire Rated
<b>Product Body Finish:</b>	White
<b>Market Segment:</b>	Commercial indoor, Residential indoor
<b>Finish:</b>	White
<b>Features:</b>	Tiltable
<b>Fixed/Tiltable:</b>	Tiltable
<b>Warranty (Years):</b>	5
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Length (mm):</b>	100
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<b>Product Depth (mm):</b>	46.5
<b>Product Width (mm):</b>	100
<b>Product Weight (g):</b>	300
<b>Optic:</b>	Clear Refractor
<b>Material:</b>	Aluminium alloy, Iron, Glass
<b>Overall diameter (mm):</b>	100
<b>Construction:</b>	Aluminium alloy heat-sink, Iron body and Fire rated glass
<b>Cut Out Diameter (mm):</b>	92
<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

<b>Power Consumption (W) :</b>	7
<b>Power Factor:</b>	0.8
<b>Voltage Range (v):</b>	220-240
<b>Amperage (mA):</b>	120
<b>Dimming:</b>	Dimmable
<b>Driver Included:</b>	Yes
<b>Electric Current:</b>	AC
<b>Insulation Guard:</b>	No
<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes

## Light Data

<b>Luminous Flux in Lumens (lm):</b>	840
<b>Luminous efficacy (lm/W):</b>	120
<b>Correlated Colour Temperature (CCT) (K):</b>	3000-4000-5000
<b>Colour Temperature:</b>	3000/4000/5000 - Warm White/Cool White/Daylight
<b>Colour Temperature Name:</b>	Warm White / Cool White / Cool Daylight
<b>Beam Angle:</b>	55
<b>Colour Rendering Index (CRI):</b>	80
<b>Fire Rating (mins):</b>	30, 60, 90
<b>Frequency Range (Hz):</b>	50/60
<b>Instant on (Less than 1 second):</b>	Yes
<b>Integrated Light Source:</b>	Yes
<b>LED Type:</b>	Surface mounted device (SMD)
<b>Lifetime (hours):</b>	35000
<b>Switching Cycles:</b>	100000
<b>Useful Lumens (lm):</b>	750

## Environment

<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes
<b>CE RoHS:</b>	Yes
<b>Hg 0% (Mercury Free):</b>	Yes
<b>IP Rating (Back/Recessed side):</b>	IP20
<b>IP Rating (Ingress Protection):</b>	IP65
<b>Lowest Operating Temperature (°C):</b>	-20

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**Maximum Operating Temperature (°C):** 45

## **Packaging**

**Package Weight (g):** 350  
**Package Length (mm):** 110  
**Package Width (mm):** 110  
**Package Depth (mm):** 65