

**LOW-PROFILE FIRE RATED DOWNLIGHT 70-75MM CUTOUT IP65 510LM 6W  
3000K 38 BEAM DIMMABLE 85LM/W WHITE INTEGRAL**

ILD LFR70B001



These low-profile lamps are fire rated to 30, 60 and 90 minutes, Air Tightness compliant with Part C and Part L and Resistance to Sound compliant with Part E. Warm White and Cool White colour temperature options and dimmable or non-dimmable options are available. Importantly, these lamps are IP65 rated and designed to offer the safety and quality of other Fire Rated Downlights but with a lower price-tag.

**Details**

<b>Quick Order Code:</b>	624567
<b>Barcode:</b>	5055788223382
<b>Category:</b>	Downlights
<b>Range Name:</b>	Low-profile
<b>Product Type:</b>	Fire Rated
<b>Product Body Finish:</b>	Matt white
<b>Market Segment:</b>	Commercial indoor, Residential indoor
<b>Warranty (Years):</b>	3
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Length (mm):</b>	45
<b>Product Weight (g):</b>	280
<b>Optic:</b>	Clear Refractor
<b>Material:</b>	Aluminium alloy, Iron, Steel
<b>Overall diameter (mm):</b>	85
<b>Construction:</b>	Extruded Aluminium heat-sink, Iron body, Steel springs and mounting plate
<b>Cut Out Diameter (mm):</b>	70-75
<b>Luminaire Fixing:</b>	Recess mounted
<b>Placement / Application:</b>	Indoor, General Lighting
<b>Spot Type:</b>	COB

**Electrical Data**

<b>Power Consumption (w):</b>	6
<b>Power Factor:</b>	0.9
<b>Wattage equivalent (W):</b>	40

<b>Amperage (mA):</b>	300
<b>Dimming:</b>	Dimmable
<b>Driver Included:</b>	Yes
<b>Electric Current:</b>	AC
<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes

## Light Data

<b>Luminous Flux in Lumens (lm):</b>	510
<b>Luminous efficacy (lm/W):</b>	85
<b>Correlated Colour Temperature (CCT) (K):</b>	3000
<b>Colour Temperature Name:</b>	Warm White
<b>Beam Angle:</b>	38
<b>Colour Rendering Index (CRI):</b>	80
<b>Compatible Dimmers:</b>	Varilight JQP401W
<b>Fire Rating (mins):</b>	30, 60, 90
<b>Instant on (Less than 1 second):</b>	Yes
<b>LED Type:</b>	Chip on board (COB)
<b>Lifetime (hours):</b>	25000
<b>Switching Cycles:</b>	12500

## 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 (Ingress Protection):</b>	IP65
<b>Lowest Operating Temperature (°C):</b>	-20
<b>Maximum Operating Temperature (°C):</b>	45

## Packaging

<b>Package Weight (g):</b>	350
<b>Package Length (mm):</b>	110
<b>Package Width (mm):</b>	108
<b>Package Depth (mm):</b>	82
<b>Qty per euro pallet:</b>	1500