

**LOW-PROFILE FIRE RATED DOWNLIGHT 70-75MM CUTOUT IP65 510LM 6W  
3000K 38 BEAM DIMMABLE 85LM/W NO BEZEL INTEGRAL**

ILDLFR70B019



**General**

<b>Warranty (Years)</b>	3
<b>Product Type</b>	Fire Rated
<b>Fixed/Tilttable</b>	Fixed

**Physical Data**

<b>Overall diameter (Range)</b>	52 to 85 85 to 110
<b>Overall diameter (mm)</b>	85
<b>Mounting Type</b>	Recess mounted
<b>Cut Out Width (mm)</b>	70
<b>Cut Out Length (mm)</b>	70
<b>Cut Out Diameter (Range)</b>	70 to 100
<b>Cut Out Diameter (mm)</b>	70-75
<b>Construction</b>	Extruded Aluminium heat-sink, Iron body, Steel springs and mounting plate

**Light Data**

<b>Luminous Flux in Lumens (lm)</b>	510
<b>Luminous efficacy (lm/W)</b>	85
<b>Instant on (Less than 1 second)</b>	Yes
<b>Correlated Colour Temperature (CCT) (K)</b>	3000
<b>Colour Temperature Name</b>	Warm White
<b>Beam Angle (Range)</b>	20 to 40
<b>Lifetime (hours)</b>	25000
<b>LED Type</b>	Chip-on-board (COB)
<b>Colour Rendering Index (CRI)</b>	80
<b>Beam Angle</b>	38

<b>Lumens Range</b>	470 to 850
<b>Compatible Dimmers</b>	Varilight JQP401W
<b>Fire Rating (mins)</b>	30, 60, 90

**Electrical Data**

<b>Power Consumption (Range)</b>	5 to 8
<b>Input Current (A)</b>	300
<b>Wattage equivalent (W)</b>	35
<b>Power Factor</b>	0.9
<b>Power Consumption (w)</b>	6
<b>Voltage Range (v)</b>	220-240

**Environmental**

<b>New Energy Rating</b>	F
<b>IP Rating (Ingress Protection)</b>	IP65
<b>Previous Energy Rating</b>	IP20

**Electrical Data, Environmental**

<b>EN</b>	EN-60598
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**Product Specification**

<b>Warranty (Years)</b>	3
<b>Housing Material</b>	Clear Refractor
<b>Product Colour / Body Finish</b>	Matt white

**Key Features**

<b>Bullet 1</b>	Warm white
<b>Bullet 2</b>	510 Lumens
<b>Bullet 3</b>	Dimmable
<b>Bullet 4</b>	Choice of Bezel (sold separately)

**Environmental Specification**

<b>Minimum operating temperature (degrees Celcius)</b>	-20
<b>Maximum operating temperature (degrees Celcius)</b>	45