

430650

Technical Specification

Commercial

Avon One Fire Rated Downlight 5W 3000K White RAL 9016 60D



• Complies with parts B, C, E and L of Building Regulations • Fully tested for 30, 60 and 90 minutes • Tested for use in Solid Joist, I-Joist and Steel Open Web Joist ceilings • Suitable for solid or stranded cable $\varnothing$ 0.75 – 2.5mm² • Designed to work with insulation • 3000K and 4000K options



General Data

Technology	LED
Mounting options	Ceiling
Install Options	Recessed
Electrical Connector Type	Push Terminal
Input Cable	2-Core Ø0.75-2.5mm
Input Electrical Connection	Live Neutral
Fire Rating	30min 60min 90min
General Application	Commercial Residential
Minimum Void Requirement (mm)	60
Insulation Coverage	Can be covered
Operating Temperature Range °C	-10 - +40
Warranty (Years)	3

430650

Technical Specification

Optical Data

LED Manufacturer / Type	Hongli
Fixture Luminous Flux (Lm)	550
Luminaire Efficacy @3000K (lm/W)	111
LOR %	100
Colour Selectable	No
Beam Angle°	60
Photobiological Risk Group	RG0

Light Source Data

Energy Class	E
Colour Temperature (K)	3000
Light Colour	Warm Light
CRI Ra	80

430650

Technical Specification

Electrical Data

Wattage (W)	5
Total Power Consumption (W)	5.5
Mains voltage (V)	220-240
Lamp power factor	0.85
Electrical protection	Class II
Driver Output (V)	70
Driver Output Current (mA)	55
Control Gear Type CC or CV	Constant Current
SVM	0.51
PstLM	0.26
LED Flicker Rate	Flicker-free
Dimmable	Yes
Dimmable Type	Trailing Edge
Recommended Dimmers	• Varilight V-Pro-JDLP401S • Zano ZGRIDLED150 • Hamilton VWP1XI_EDITB100 • Schneider GGBL6012LMS
Driver Brand	Lumineux
Inrush Current (A)	3
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	1.5
Max. Luminaire per 10A C Breaker	95
Max. Luminaire per 13A C Breaker	120
Max. Luminaire per 16A C Breaker	150
Max. Luminaire per 20A C Breaker	175
Max. Luminaire per 10A B Breaker	45
Max. Luminaire per 13A B Breaker	60

430650

Technical Specification

Max. Luminaire per 16A B Breaker	130
Max. Luminaire per 20A B Breaker	145

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	25000
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Physical Data

Housing colour	White RAL 9016
Body material	Sheet Metal Plastic
Driver Housing	PC Plastic
IP Rating	65 (front) 20 (back)
IK Rating	8
Zoning Suitability	Zone 1
Diffuser Material	PC Plastic
Diffuser finish	Optic Lens
Nominal Product Length (mm)	84
Nominal Product Width (mm)	60
Nominal Product Height (mm)	50
Cut-Out (mm)	70
Weight (kg)	0.16

Standards and Approvals

Manufactured In Accordance To	EN 60598-1 EN 60598-2-2
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

430650

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Product Relations



430649
Avon One Clip-on Bezel - Chrome



430648
Avon One Clip-on Bezel - Satin Nickel



430757
Avon One Clip-on Bezel - Brushed Chrome

