

430378-MP

Technical Specification

Commercial

Avon Pro Fire rated Downlight 7W 4CCT 60° White RAL 9016 - 8 Pack



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, 60° beam angle, plus extra 30° angle for Gimbal



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General Data

Technology	LED
Mounting options	Ceiling
Install Options	Recessed
Electrical Connector Type	Lever Terminal
Input Cable	2-Core Ø0.75-2.5mm
Input Electrical Connection	Live Neutral
Fire Rating	30min Solid Joist 60min Solid Joist 90min Solid Joist 30 min I-Joist 30 min Web Joist
General Application	Commercial Residential
Minimum Void Requirement (mm)	60
Insulation Coverage	Can be covered
Operating Temperature Range °C	-10 - +40
Warranty (Years)	5

Optical Data

LED Manufacturer / Type	Hongli MTC
Fixture Luminous Flux (Lm)	676 716 724 730
Luminaire Efficacy @2700K (lm/W)	91
Luminaire Efficacy @3000K (lm/W)	95
Luminaire Efficacy @4000K (lm/W)	103
Luminaire Efficacy @6000K (lm/W)	99
LOR %	100
Colour Selectable	Yes
Beam Angle°	60
Photobiological Risk Group	RG0

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Light Source Data

Energy Class	F
Lm/W	103
SDCM	4
Colour Temperature (K)	2700 3000 4000 6000
Light Colour	Warm Light Warm Light Cool White Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	7
Total Power Consumption (W)	7.4 7.5 7.0 7.4
Mains voltage (V)	220 - 240
Lamp power factor	>805
Electrical protection	Class II
Driver Output (V)	72-80
Driver Output Current (mA)	80
Control Gear Type CC or CV	Constant Current
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
Max. Luminaire per 16A B Breaker	130
Max. Luminaire per 20A B Breaker	145

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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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
Diffuser Material	Polycarbonate
Nominal Product Length (mm)	88
Nominal Product Width (mm)	65
Nominal Product Height (mm)	50
Cut-Out (mm)	70
Weight (kg)	0.24

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

Product Relations

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Technical Specification



430382
Avon Pro White Bezel RAL 9016



430380
Avon Pro Chrome Bezel



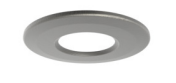
430381
Avon Pro Brushed Chrome Bezel



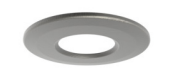
430482
Avon Pro Black Bezel



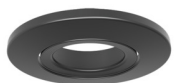
430497
Avon Pro Brass Bezel



430506
Avon Pro Gimbal Satin Nickel Bezel



430505
Avon Pro Satin Nickel Bezel



430481
Avon Pro Gimbal Black Bezel

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Technical Specification



430375
Avon Pro Gimbal Brushed Chrome Bezel



430374
Avon Pro Gimbal Chrome Bezel



430496
Avon Pro Gimbal Brass Bezel



430376
Avon Pro Gimbal White Bezel RAL 9003

