

430863

Technical Specification

Commercial

Avon Pro 4W & 6W Fire Rated 360° Gimbal Downlight 4CCT Chrome 60D



25° Tilt in all directions , Slim Body, Front slide switch for wattage and CCT select, IC approved, can be covered directly under insulation, Flicker Free driver with triac dimming

General Data

Technology	LED
Mounting options	Ceiling
Electrical Connector Type	Lever Push Fit Terminal
Install Options	Recessed
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 Web Joist 60 min Web Joist 30 min I-Joist 60 min I-Joist
General Application	Commercial Residential
Minimum Void Requirement (mm)	47
Operating Temperature Range °C	-10 - +40
Warranty (Years)	5

Optical Data

LED Manufacturer / Type	SMD 2835
Luminaire Efficacy @2700K (lm/W)	117 110
Luminaire Efficacy @3000K (lm/W)	121 115
Luminaire Efficacy @4000K (lm/W)	127 112
Luminaire Efficacy @6000K (lm/W)	134 128
LOR %	100
Colour Selectable	Yes
Beam Angle°	60
Photobiological Risk Group	RG0

Light Source Data

Energy Class	D
Colour Temperature (K)	2700 3000 4000 6000
Light Colour	Warm Light Warm Light Cool White Daylight
CRI Ra	<85

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Electrical Data

Wattage (W)	4 6
Mains voltage (V)	220 - 240
Lamp power factor	>>805
Electrical protection	Class II
Driver Output (V)	60-75
Driver Output Current (mA)	50 75
Control Gear Type CC or CV	Constant Current
SVM	0.01
PstLM	0.23
Dimmable	Yes
Dimmable Type	Triac Dim (both Trailing & Leading edge)
Recommended Dimmers	• MK-K1531 • V-PRO-A1404071 • HAMILTON LED ITB • SCHNEIDER-PDV-VR250UK • ZIGBEE • BG-DM400AP • EUROLITE-EN1DLED
Driver Brand	Lumineux
Inrush Current (A)	1.44
Nominal Frequency (Hz)	50/60
Max. Luminaire per 10A C Breaker	167
Max. Luminaire per 13A C Breaker	217
Max. Luminaire per 16A C Breaker	267
Max. Luminaire per 20A C Breaker	333
Max. Luminaire per 10A B Breaker	167
Max. Luminaire per 13A B Breaker	217
Max. Luminaire per 16A B Breaker	267
Max. Luminaire per 20A B Breaker	333

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	>60000
Lifespan L80 B20 @25°C (Hrs)	>60000
Lifespan L90 B10 @25°C (Hrs)	47000

Physical Data

Housing colour	Chrome
Body material	Aluminium SPCC PC
IP Rating	54 Front, 20 Back
Zoning Suitability	Zone 1 & Zone 2
Nominal Product Length (mm)	95
Nominal Product Width (mm)	45
Nominal Product Height (mm)	75
Cut-Out (mm)	75-80
Weight (kg)	0.25

Standards and Approvals

Manufactured In Accordance To	EN 60598-1 EN 60598-2-2 BS 476-20:1987+AC:2014 BS 476-21:1987+AC:2014
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

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