

Commercial

Avon Pro 4W & 6W Fire Rated 360° Gimbal Downlight 4CCT White 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



430860

Technical Specification

General Data

Technology	LED
Mounting options	Ceiling
Install Options	Recessed
Electrical Connector Type	Lever Push Fit 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 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

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Optical Data

LED Manufacturer / Type	SMD 2835
Fixture Luminous Flux (Lm)	509 736
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	ML - VFR200M (trailing), Zano - ZMC250 (Universal), Varilight JQP401W (MJP120) (Dual Mode), Hamilton - LEDIT-B100 (Dual Mode), Schneider - GU6012L (trailing)
Driver Brand	Luminaireux
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

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Max. Luminaire per 16A B Breaker	267
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Max. Luminaire per 20A B Breaker	333
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Lifetime Data

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

Housing Colour	White RAL 9016
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Body Material	Aluminium SPCC PC
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IP Rating	54 Front, 20 Back
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Zoning Suitability	Zone 1 & Zone 2
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Nominal Product Length (mm)	95
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Nominal Product Width (mm)	45
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Nominal Product Height (mm)	75
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Cut-out (mm)	75-80
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Weight (kg)	0.25
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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

