

## 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, Magnetic replaceable bezel design, IC approved, can be covered directly under insulation, Flicker Free driver with triac dimming



430860

Technical Specification

## General Data

<b>Technology</b>	LED
<b>Mounting options</b>	Ceiling
<b>Install Options</b>	Recessed
<b>Electrical Connector Type</b>	Lever Push Fit Terminal
<b>Input Cable</b>	2-Core Ø0.75-2.5mm
<b>Input Electrical Connection</b>	Live   Neutral
<b>Fire Rating</b>	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
<b>General Application</b>	Commercial   Residential
<b>Minimum Void Requirement (mm)</b>	47
<b>Operating Temperature Range °C</b>	-10 - +40
<b>Warranty (Years)</b>	5

## Optical Data

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

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## Light Source Data

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

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## Electrical Data

<b>Wattage (W)</b>	4   6
<b>Mains voltage (V)</b>	220 - 240
<b>Lamp power factor</b>	>0.85
<b>Electrical protection</b>	Class II
<b>Driver Output (V)</b>	60-75
<b>Driver Output Current (mA)</b>	50  75
<b>Control Gear Type CC or CV</b>	Constant Current
<b>SVM</b>	0.01
<b>PstLM</b>	0.23
<b>Dimmable</b>	Yes
<b>Dimmable Type</b>	Triac Dim (both Trailing & Leading edge)
<b>Recommended Dimmers</b>	• MK-K1531 • V-PRO-A1404071 • HAMILTON LED ITB • SCHNEIDER-PDV-VR250UK • ZIGBEE • BG-DM400AP • EUROLITE-EN1DLED
<b>Driver Brand</b>	Lumineux
<b>Inrush Current (A)</b>	1.44
<b>Nominal Frequency (Hz)</b>	50/60
<b>Max. Luminaire per 10A C Breaker</b>	167
<b>Max. Luminaire per 13A C Breaker</b>	217
<b>Max. Luminaire per 16A C Breaker</b>	267
<b>Max. Luminaire per 20A C Breaker</b>	333
<b>Max. Luminaire per 10A B Breaker</b>	167
<b>Max. Luminaire per 13A B Breaker</b>	217
<b>Max. Luminaire per 16A B Breaker</b>	267
<b>Max. Luminaire per 20A B Breaker</b>	333

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## 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	White RAL 9016
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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