

430749

Technical Specification

Commercial

Meldon Adjustable Downlight 220mm 18W Dimmable 3CCT White

IP20

3CCT

Dimmable

110°

80
CRI

3 YR
Warranty





UK
CA

CE

• Adjustable wattage output• Surface mount or recessed• LED lifespan 30,000 hours L70• Multi-purpose, slim downlight• PIR or 3CCT options



General Data

Technology	LED
Mounting options	Surface-mounted Recessed in the wall Portable
Install Options	Ceiling
Electrical Connector Type	Flying Lead
Input Cable	2-Core
Input Electrical Connection	Live Neutral
Fire Rating	TP(b)
General Application	Commercial Industrial Educational
Minimum Void Requirement (mm)	20
Operating Temperature Range °C	0 - +40
Warranty (Years)	3

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Optical Data

LED Manufacturer / Type	Hongli 2835DW
Fixture Luminous Flux (Lm)	1605 1778 1629
Luminaire Efficacy @3000K (lm/W)	89
Luminaire Efficacy @4000K (lm/W)	105
Luminaire Efficacy @6000K (lm/W)	90
LOR %	100
Colour Selectable	Yes
Beam Angle°	110
Photobiological Risk Group	RG0

Light Source Data

Energy Class	F
Lm/W	89 105 90
Colour Temperature (K)	3000 4000 6000
Light Colour	Warm Light Cool White Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	10 15 18
Total Power Consumption (W)	18.1 17.3 18.1
Mains voltage (V)	220 - 240
Electrical protection	Class II
Driver Output (V)	DOB
Control Gear Type CC or CV	Constant Current
SVM	0.01
PstLM	0.23
LED Flicker Rate	0.36
Dimmable	Yes
Dimmable Type	Triac
Recommended Dimmers	• Zigbee • Schnieder PDV-VR250UK • Varlight V-Pro-JDLP401S • Eurolite EN1DLED
Driver Brand	DOB
Nominal Frequency (Hz)	50/60

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	30000
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Physical Data

Housing colour	White RAL 9016
Body material	Polycarbonate
IP Rating	20
IK Rating	8
Diffuser Material	PMMA
Diffuser finish	Frosted
Nominal Product Length (mm)	220
Nominal Product Width (mm)	220
Nominal Product Height (mm)	18
Cut-Out (mm)	65-205
Weight (kg)	0.4

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

	430750 Meldon Black Bezel
	430751 Meldon Silver Bezel
	430753 Meldon PIR Model Black Bezel

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430754
Meldon PIR Model Silver Bezel



430779
Meldon 330mm Black Bezel



430780
Meldon 330mm Silver Bezel



430781
Meldon 330mm PIR Model Black Bezel



430782
Meldon 330mm PIR Model Silver Bezel

