

Mauna 2 Plus Tilt

06339 MAU206TB

Mauna 2 Plus Tilt fire-rated Downlight 4.5/6W CCT switch black

- Integrated dimmable driver
- Can be installed under Insulation layer
- Interchangeable magnetic bezels with different finishes
- Compact size with void of 65mm
- Coloured LENNEL push-wire terminals
- CCT switchable with 4 choices
- Black anti-glare rim with satin chrome bezel included

Overview

The Mauna Plus range as well as having the fire rating, ability to be installed under insulation, and low void clearance of the Mauna II, adds wattage switching and a CCT options. Also anti-glare, and tilting options. With the magnetic bezels the Mauna II Plus range doesn't put functionality at the cost of aesthetics.



IP65



General Information

Ambient Temperature Range (°C)	-30°C to 50°C
IK Rating	IK07
IP Rating	IP65
Protection Rating	Class I
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	50,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-2:2012, EN 62471:2008, EN 62493:2015+A1:2022
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE

Technical Summary

Product Code	MAU206TB
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	10A/150µs
Fire Rating	30m I Joist, 60m I Joist, 90m Solid Joist
Settable Wattages	4.5W, 6W
Driver Code/Part number	5RS215-224-248-D
Driver Maximum Power (W)	5.1
Driver Output Current (mA)	95
Driver Power Factor	0.82
Settable Colour Temperatures	2700K, 3000K, 4000K, 6000K
CRI	≥82
Dimmable	Y
Lumens Output Maximum	690 lm
Maximum Efficiency	115 lm/W
Emergency Luminous Flux	150 lm
L70B50 Lifetime (h) @Ta 25 °C	50,000 h
L80B10 Lifetime (h) @Ta 25 °C	50,000 h
L90B10 Lifetime (h) @Ta 25 °C	37,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	0.25Kg
Dimensions (L x W x D) (mm)	62xØ91
Cut-Out (mm)	Ø74mm
Ceiling Void (mm)	65 mm
Beam Angle - Lumi (°)	65
LS Energy Efficiency Class	F

Tel: 01635 523 713

Email: sales@kosnic.com

Kosnic.com



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Optional Gear

Product Code	Description	Type
MAUPIR-RMT	Mauna fire rated PIR ON/OFF sensor, remote included	Remote Control
EMPAD01	Neka Emergency Downlight kit 2.5W Manual test	Emergency Module
CYDIMRFT1	RF controlled triac dimmer	Dimmable Driver

Accessories

Product Code	Description	Type
CONBZ-WHT	Concealer bezel for downlight cut out of 76mm or less, white	Bezel
MAUBZT-ABR	Mauna Plus Tilt round bezel Antique brass	Bezel
MAUBZT-SCH	Mauna Plus Tilt round bezel satin chrome	Bezel
MAUBZT-CHM	Mauna Plus Tilt round bezel chrome	Bezel
MAUBZT-WHT	Mauna Plus Tilt round bezel white	Bezel
MAUBZT-BLK	Mauna Plus Tilt round bezel black	Bezel
MAUBZT-BAS	Mauna Plus Tilt round bezel brass	Bezel

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Settable (Default in Bold)		Variable					
Rated Power (W)	CCT (K)	Maximum Current Draw (mA)	Power Factor	Total Luminous Flux (lm)	LS Energy Consumption in on-mode (kWh/1000H)	LS Useful Luminous Flux (lm)	LS On-Mode Power (Pon) (W)
6	2700	30	0.88	580	6	450	6
6	3000	30	0.88	640	6	490	6
6	4000	30	0.88	690	6	530	6
6	6000	30	0.88	650	6	500	6
4.5	2700	23	0.86	460	5	360	4.5
4.5	3000	23	0.86	480	5	380	4.5
4.5	4000	23	0.86	510	5	410	4.5
4.5	6000	23	0.86	490	5	390	4.5
Rated Power (W)	CCT (K)	LS Chromaticity Co-Ordinates (X)	LS Chromaticity Co-Ordinates (Y)	LS Peak Luminous Intensity (DLS) (cd)	LS R9 CRI (LED/OLED)	LS Displacement Factor	LS Stroboscopic effect metric (SVM) (x,x)
6	2700	0.467	0.4236	420	8	0.96	0.5
6	3000	0.4375	0.4054	460	16	0.96	0.7
6	4000	0.3837	0.3729	510	28	0.96	0.4
6	6000	0.3177	0.3338	480	12	0.96	0.502
4.5	2700	0.467	0.4236	330	8	0.92	0.466
4.5	3000	0.4375	0.4054	350	16	0.92	0.658
4.5	4000	0.3837	0.3729	390	28	0.92	0.44
4.5	6000	0.3177	0.3338	380	12	0.92	0.502

Tel: 01635 523 713

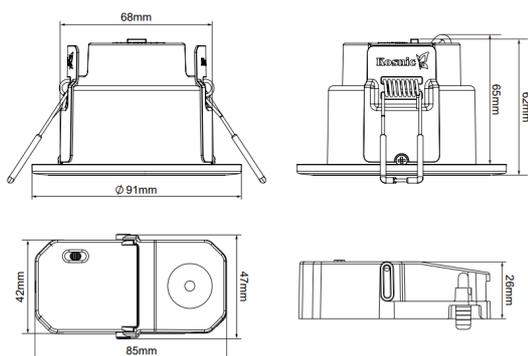
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