5 Years
Product Warranty
UK Only

Mauna 3 Plus Tilt

Kosnic
LIGHTING • SIMPLY BETTER

08791 MAU306TW

Mauna 3 Plus Tilt fire rated Downlight 4.5/6W CCT switchable white

- Integrated dimmable driver
- Can be installed under Insulation layer
- Interchangeable magnetic bezels with different finishes
- Compact size with void of 65mm
- CCT switchable with 4 choices





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	MAU306TW
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
Settable Colour Temperatures	2700K, 3000K, 4000K, 6000K
CRI	≥82
Dimmable	Y
Lumens Output Maximum	640 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	0.298Kg
Dimensions (L x W x D) (mm)	62x∅93
Cut-Out (mm)	∅74mm
Ceiling Void (mm)	65 mm
Beam Angle - Lumi (°)	65
LS Energy Efficiency Class	F

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Overview

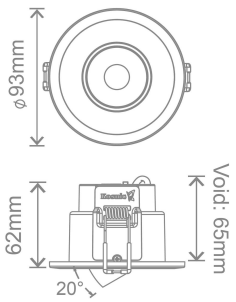
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Settable (Default in Bold)		**Variable**					
CCT (K)	**Rated Power (W)**	**Maximum Current Draw (mA)**	**Power Factor**	**Total Luminous Flux (lm)**	**LS Energy Consumption in on-mode (kWh/1000H)**	**LS Useful Luminous Flux (lm)**	**LS On-Mode Power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



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