

# Mauna 3 Plus Tilt

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)	62xØ91 25°
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



# Mauna 3 Plus Tilt

08791 MAU306TW

## 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.



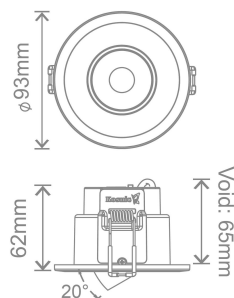
**IP65**



## General Information

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

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
<b>3000</b>	<b>6</b>	<b>30</b>	<b>0.88</b>	<b>640</b>	<b>6</b>	<b>490</b>	<b>6</b>
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 Stroboscopic effect metric (SVM) (x,x)
2700	6	0.467	0.4236	420	8	0.96	0.5
<b>3000</b>	<b>6</b>	<b>0.4375</b>	<b>0.4054</b>	<b>460</b>	<b>16</b>	<b>0.96</b>	<b>0.7</b>
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



Tel: 01635 523 713

Email: sales@kosnic.com

Kosnic.com

