5 Years
Product Warranty
UK Only

Mauna Sensor Light

Kosnic
LIGHTING • SIMPLY BETTER

08929 MAUPIR07

Mauna 7W Dimmable, PIR Sensor CCT switchable

- Switchable CCT (2700/3000/4000/6000K)
- Built-in PIR corridor sensor compatible with Uni-Remote
- Optional add-on emergency kits, available in standard and self-test
- Integrated dimmable driver
- Sensor setting with DIP switch or remote control
- Can be installed under Insulation layer with void of 31mm
- Compact size
- Has the capability to control other connected luminaires





Overview

The Mauna Sensor Light is our dimmable fire-rated downlight are suitable for 30, 60 and 90 minute applications and have a built-in PIR sensor that can be configured with the Uni-Remote, for full customisation of your lighting design. It is a compact luminaire with a void of just 31mm and can be installed under insulation layer.

IP65

General Information

Ambient Temperature Range (°C)	-30°C to 50°C
IK Rating	IK05
IP Rating	IP65
Materials	Housing: Zinc coated sheet steel + PC
Protection Rating	Class II
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	80,000 h

Compliance

Others	UKCA, CE, RoHS, WEEE

Technical Summary	
Product Code	MAUPIR07
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	10A/150us
Fire Rating	30m I Joist, 60m I Joist, 90m Solid Joist
Default Power	7 W
Driver Code/Part number	DR05C24 (Kosnic)
Driver Maximum Power (W)	7
Driver Output Current (mA)	245
Power Factor	0.7
Driver Power Factor	>0.7
Settable Colour Temperatures	2700K, 3000K, 4000K, 6000K
SDCM of CCT	<6
CRI	80
Dimmable	Y
Flicker	<7%
Lumens Output Maximum	700 lm
L70B50 Lifetime (h) @Ta 25 °C	127,000 h
L80B10 Lifetime (h) @Ta 25 °C	80,000 h
L90B10 Lifetime (h) @Ta 25 °C	38,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	0.251Kg
Dimensions (L x W x D) (mm)	37x∅88
Cut-Out (mm)	72
Ceiling Void (mm)	31 mm
Beam Angle - Lumi (°)	40
LS Energy Efficiency Class	F

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Optional Gear

Product Code	Description	Type
EMPAD01	Neka Emergency Downlight kit 2.5W Manual test	Emergency Module
EMPAD01/SST	Neka Duo Emergency Downlight kit 2.5W Manual & Self-test	Emergency Kit

Accessories

Product Code	Description	Type
RMT-UNI	Universal Remote Control for Kosnic motion sensors	Remote Control

Overview

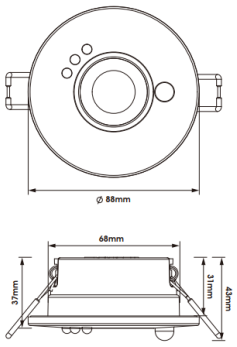
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CCT (K)	Lumen (lm)	Lumen (LM) in 90° cone
2700 (Warm White)	630	420
3000 (Warm White)	630	440
4000 (Cool White)	700	490
6000 (Day Light)	650	450



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