

Erta

08702 ERT06

Erta 6W LED fire rated downlight, CCT switchable

- Interchangeable bezels with different finishes
- IP65
- CCT Switchable (3000K/4000K/6000K)
- Dimmable
- Can be installed under insulation



Overview

The Kosnic 6W Dimmable Fire Rated Downlights are suitable for 30, 60 and 90 minute applications and may be installed under insulation. These compact downlights can be dimmed with mains dimmer switches. The range is available in white and satin chrome bezel finishes.



General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK03
IP Rating	IP65
Protection Rating	Class II
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	33,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-2:2012, 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	ERT06
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	0.001A/100us
Fire Rating	30m I Joist, 60m I Joist, 90m Solid Joist
Default Power	6 W
Power Factor	0.8
Settable Colour Temperatures	3000K, 4000K, 6000K
SDCM of CCT	<6
CRI	82
Dimmable	Y
Flicker	≤5%
Lumens Output Maximum	650 lm
Maximum Efficiency	108 lm/W
L70B50 Lifetime (h) @Ta 25 °C	53,000 h
L80B10 Lifetime (h) @Ta 25 °C	33,000 h
L90B10 Lifetime (h) @Ta 25 °C	15,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	0.156Kg
Dimensions (L x W x D) (mm)	47xØ80
Cut-Out (mm)	Ø58mm
Ceiling Void (mm)	55 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
CYDIMRFT1	RF controlled triac dimmer	Dimmable Driver

Accessories

Product Code	Description	Type
ERTBZ-SCH	Erta Bezel Satin Chrome	Bezel
ERTBZ-CHM	Erta Bezel Chrome	Bezel
ERTBZ-BLK	Erta Bezel Black	Bezel

Rated Power (W)	CCT (K)	Total Luminous Flux (lm)
6	3000	580
6	4000	650
6	6000	600

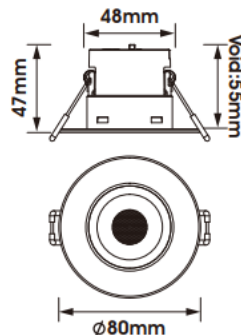
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