

7 7 Years
Product Warranty
UK Only

2 2 Years
On-Site Warranty
Main-land UK Only

Kosnic 

Echo 3

08049 ECH3200-W50/DA

Echo 3 DALI Circular Highbay 200W 5000K

- High efficiency of 170lm/W
- Diecast aluminium
- Dimmable via a wired 1-10v dimmer switch
- IP65 & vandal resistant (IK10)
- Optional reflectors on all models
- Wattage switching at the side of high bay
- Optional plug-in emergency modules, available in manual, self-test and DALI
- Optional plug-in microwave corridor sensor compatible with Uni-Remote

Overview

The Echo 3 provides a high efficiency of 145lm/W or a range of wattage options and 1-10v dimming for further control. The IP65 rating and range of shades means the Echo III is suited for a range of areas both internal and external, with optional emergency gear if needed.



IP65



General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK10
IP Rating	IP65
Protection Rating	Class I
Installation Area	Internal and External
L80B10 Lifetime (h) @Ta 25 °C	87,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-1:2021, 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	ECH3200-W50/DA
Input Voltage Supply	100-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	100A/300µs
Default Power	200 W
Driver Code/Part number	Sosen
Power Factor	0.98
Default CCT	5,000 K
SDCM of CCT	<6
CRI	≥82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	30,000 lm
Maximum Efficiency	150 lm/W
Emergency Luminous Flux	900 lm
L70B50 Lifetime (h) @Ta 25 °C	138,000 h
L80B10 Lifetime (h) @Ta 25 °C	87,000 h
L90B10 Lifetime (h) @Ta 25 °C	41,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	2.55Kg
Dimensions (L x W x D) (mm)	164xØ298
Beam Angle - Lumi (°)	90
LS Energy Efficiency Class	D

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Optional Gear

Product Code	Description	Type
EMHB08	Emergency Module 8W Manual for Kosnic Highbays	Emergency Module
EMHB08/ST	Emergency Module 8W Self-test for Kosnic Highbays	Self-test Emergency Module
EMHB10	Emergency Module 10W Manual for Kosnic Highbays	Emergency Module
EMHB10/ST	Emergency Module 10W Self-test for Kosnic Highbays	Self-test Emergency Module
EMHB10/DA	Emergency Module 10W DALI for Kosnic Highbays	Emergency Module

Accessories

Product Code	Description	Type
ECH-SHD-AL	Echo aluminium shade for ECHP160, ECHP200, ECH3P200	Shade
ECH-SHD-PC	Echo, PC bell-shaped shade for ECH150, ECH200	Shade
ECH-LID	Echo Translucent bottom enclosure Ø404 x 40 mm for ECH-SHD-PC	Shade

Settable (Default in Bold)		Variable			
CCT (K)	Rated Power (W)	Maximum Current Draw (mA)	Total Luminous Flux (lm)	Power Factor	Light Source Supply
5000	100	460	15000	0.95	195Vdc 480mA
5000	150	690	22500	0.96	195Vdc 720mA
5000	200	890	30000	0.98	195Vdc 920mA

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