7 Years
Product Warranty
UK Only

2 Years
On-Site Warranty
Main-land UK Only

Echo 3 Pro

Kosnic
LIGHTING • SIMPLY BETTER

07885 ECH3P120-W40

Echo 3 PRO Highbay 80/100/120W 4000K Zhaga socket

- Ultra high efficiency up to 200lm/W
- IP65 & vandal resistant (IK10)
- Wattage switching at the side of highbay
- Optional plug-in emergency modules available in Manual, Self-Test and DALI versions
- Optional plug-in microwave corridor sensor compatible with Uni-Remote
- Dimmable via a wired 1-10V dimmer switch
- DALI and PUSH dimming alternative driver available (for 200W version only)
- Diecast aluminium body
- Optional reflectors on all models





Overview

The Echo 3 Pro adds to the Echo's high efficiency with wattage switching options and a plugin motion sensor for further energy savings. The plug in motion sensor and plug in emergency options makes the Echo III Pro a flexible choice combined with its IP65 rating.

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	ECH3P120-W40
Input Voltage Supply	100-277Vac 50/60Hz
Inrush Current (peak/duration) (A)	80A/300µs
Settable Wattages	80W, 100W, 120W
Driver Code/Part number	Sosen
Power Factor	0.95
Default CCT	4,000 K
SDCM of CCT	<6
CRI	70
Dimmable	N
Flicker	<1%
Lumens Output Maximum	24,000 lm
Maximum Efficiency	200 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	2Kg
Dimensions (L x W x D) (mm)	164x∅259
Beam Angle - Lumi (°)	90
LS Energy Efficiency Class	B

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Optional Gear

Product Code	Description	Type
MWS-ZGA	Zhaga microwave motion sensor, On/Off 1-10V dim output	Microwave Sensor
EMHB10	Emergency Module 10W Manual for Kosnic Highbays	Emergency Module
EMHB10/DA	Emergency Module 10W DALI for Kosnic Highbays	Emergency Module
EMHB10/SST	Emergency Module Duo10W Manual&Self-test for Kosnic Highbays	Emergency Module
EMHB05/SST	Emergency Module Duo 5W Manual&Self-test for Kosnic Highbays	Emergency Module
EMHB05/DA	Emergency Module 5W DALI-2 & Self-test for Kosnic Highbays	Emergency Module
CONP-P	Condor Pro PIR Sensor with Zhaga connector	PIR Sensor
CON-P	Condor PIR sensor with Zhaga Socket Small lens 10m detection range	PIR Sensor
CON-P/BLE	Condor Bluetooth PIR sensor Zhaga connector ON/OFF 0-10V Dimming	PIR Sensor

Accessories

Product Code	Description	Type
ECH-SHD-PCS	Echo PC bell-shaped shade	Shade
MWS-RMT	Infrared remote control for microwave sensor, MH10 (for MWS-ZGA and Mallar)	Remote Control
RMT-UNI	Universal Remote Control for Kosnic motion sensors	Remote Control

Settable (Default in Bold)		**Variable**	
Rated Power (W)	**CCT (K)**	**Maximum Current Draw (mA)**	**Total Luminous Flux (lm)**
80	4000	366	16000
100	4000	458	20000
120	**4000**	**549**	**24000**

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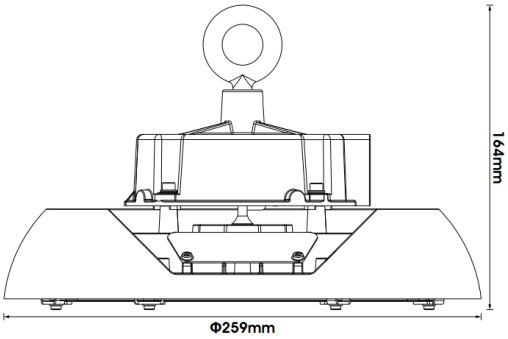
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