



Echo Pro

Echo Pro 160W IP65 LED circular Highbay

Kosnic's Echo Pro High Bay luminaire provides energy savings and high performance, replacing conventional lighting in general industrial areas, manufacturing, warehousing, leisure facilities and retail environments. The Echo High Bay is supplied with an eyelet for suspension mounting (suspension chain not supplied) and a range of optional shades. There are also emergency module and microwave sensor options available.

ECHP160-W50 (06733)

Specification

Voltage	100-240Vac 50/60Hz
Current (mA)	730
Rated Power (W)	160
CCT Words	Day Light
CCT (K)	5000
Total Luminous Flux (lm)	27200
Beam Angle(°)	90
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	31000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.95
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	3.3
In-rush current (peak/duration) (A)	74 /250us
Protection Rating	Class I
IK Rating	IK10
IP Rating	IP65
Emergency Luminous Flux (lm)	900

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	DLS
Light Source Cap Type (or other interface)	Wires
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N

High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	152
Energy Efficiency Class	C
Useful Luminous Flux (lm)	24100
Beam Angle correspondence (in 360°/120°/90°)	120
CCT	5000K
On-Mode Power (Pon) (W)	152
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
Height (mm)	298
Width (mm)	298
Depth (mm)	64
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.344
Chromaticity Co-Ordinates (Y)	0.358
Peak Luminous Intensity (DLS) (cd)	14100
Beam Angle (DLS)	90
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Storoscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	190Vdc 800mA

Optional Gears and Accessories

Optional Gears 1	Emergency module EMHB08
Optional Gears 2	Emergency self test module EMHB08/ST
Optional Gears 3	Microwave sensor MWS-ZGA
Accessories 1	Polycarbonate Shade KPT-KHBEC1S2
Accessories 2	Aluminium shade KPT-KHBEC1-S3
Accessories 3	KPT-KHBNC1-D1 Polycarbonate Lid for PC Shade KPT-KHBEC1-S2

Technical Drawings

