Datasheet

Echo II

Echo II LED Circular highbay IP65

Kosnic's Echo II 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.

ECH200-W50 (06401)

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Kosnic Lighting Ltd - Unit D2, Kennetside, Bone Lane, Newbury, RG14 5PX, UK
Kosnic Lighting France - 2bis avenue Irène Joliot-Curie, 77700 Bailly-Romainvilliers, France

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Specification

Voltage (eg 220-240 Vac 50/60Hz)	100-240Vac 50/60Hz
Current (mA)	890
Rated Power (W)	200
CCT Words	Day Light
CCT (K)	5000
Beam Angle(°)	90°
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	31000
Total Luminous Flux (lm)	29000
Power Factor	0.98
Blue Light Hazard	RG1
Glow wire temperature(℃)	650
Dimensions L x W x D (mm)	175*φ298mm
Weight (kg)	3.3
In-rush current (peak/duration) (A)	91 A /250 us
Protection Rating	Class I
IK Rating	IK08
IP Rating	IP65
Ambient Temperature Range (°C)	-20 to 40
Emergency Luminous Flux (lm)	900
Depth (mm)	298

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

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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)	180
Energy Efficiency Class (NEW FORMULA)	D
Useful Luminous Flux (lm)	24800
Beam Angle correspondence (in 360°/120°/90°)	in 120°
CCT	5000
On-Mode Power (Pon) (W)	180
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	64
Width (mm)	298
Depth (mm)	298
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)	14500
Beam Angle (DLS)	90
Beam Angle (min)(DLS)	85
Beam Angle (max) (DLS)	95
R9 CRI (LED/OLED)	4
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96

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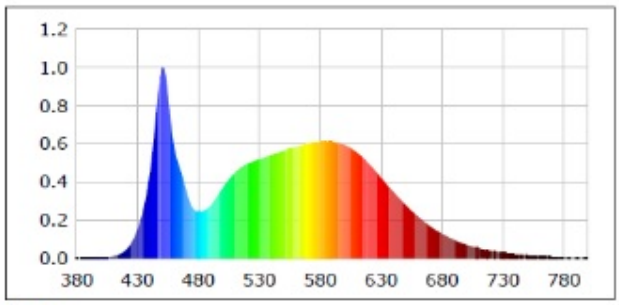
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Storboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	200Vdc 900mA

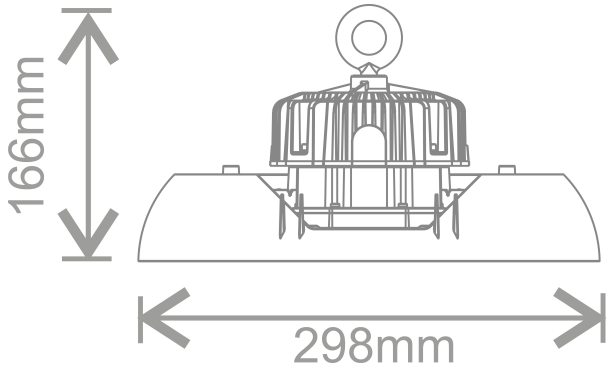
Optional Gears and Accessories

Component 1	High Bay Emergency Module EMHB08
Component 2	Self-Test High Bay Emergency Module EMHB08/ST
Accessories 1	Shade KPT-KHBEC1-S2
Accessories 2	Bottom Enclosure for shade KPT-KHBNC1-D1
Accessories 3	Shade KPT-KHBEC1-S3

Technical Drawings



5000K



Leading designers, manufacturers and established experts in LED technology

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