



Optional Shades  
ECH-SHD-PC, ECH-LID  
& ECH-SHD-AL



Zhaga Sensor &  
Remote Control  
Optional Gear



High Bay Emergency Module  
Optional Gear

## Echo III Pro

### Echo III Pro 100W/150W/200W LED Circular Suspended High Bay Luminaire with Emergency and Sensor Options, 5000k

Echo III Pro • Wattage switchable 100W/150W/200W • Class I, IP65, IK10 • High efficiency of up to 175lm/W • Dimmable when using Microwave Sensor & Remote Control • Diecast aluminium body • Suspension installation • Surge protection • Long life of 40,000h • Instant start • Negligible UV output • Optional emergency and Microwave Sensor • Optional polycarbonate or aluminium shade • Push-wire waterproof connector included

**ECH3P200-W50 (06873)**

## Specification

Voltage	100-240Vac 50/60Hz
Current (mA)	915 (460, 690)
Rated Power (W)	200 (100, 150)
CCT Words	Day Light
CCT (K)	5000
Total Luminous Flux (lm)	33000 (17500, 25500)
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
SDCM of CCT	<6
Flicker %	<1%
Power Factor	0.95
Dimensions L x W x D (mm)	164* $\varnothing$ 298mm
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	3.15
In-rush current (peak/duration) (A)	100 A /300 us
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

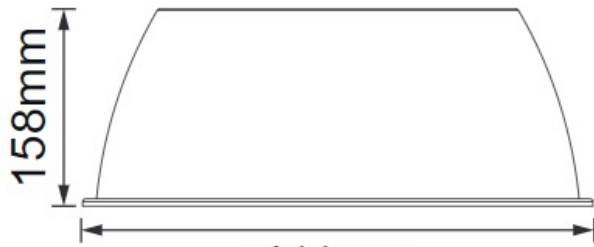
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Efficiency Class	C
Useful Luminous Flux (lm)	29200
Beam Angle correspondence (in 360°/120°/90°)	in 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)	17100
Beam Angle (DLS)	90
Beam Angle (min)(DLS)	85
Beam Angle (max) (DLS)	95
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 flourescent 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
Storboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	195Vdc 920mA

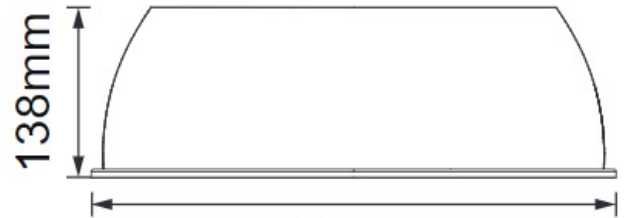
## Optional Gears and Accessories

Optional Gears 1	High Bay EME Module: EMHB08
Optional Gears 2	High Bay Self Test EME Module: EMHB08/ST
Optional Gears 3	Microwave Sensor: MWS-ZGA
Optional Gears 4	Microwave Sensor Remote Control: MWS-RMT
Accessories 1	PC Shade: ECH-SHD-PC
Accessories 2	PC Lid: ECH-LID
Accessories 3	Aluminium Shade: ECH-SHD-AL

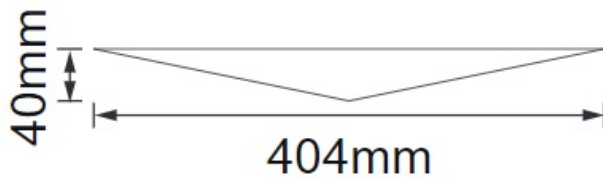
## Technical Drawings



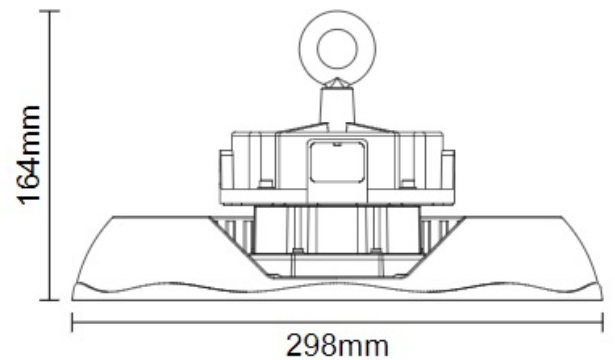
411mm  
ECH-SHD-PC



404mm  
ECH-SHD-AL



404mm  
ECH-LID



298mm  
ECH3P200

