LED High-Bay

200W Power/CCT Adjustable High Bay

High-efficiency industrial lighting with adjustable output, flexible optics and smart-control capability - engineered for demanding commercial and industrial environments.

- **Adjustable output:** 100W / 150W / 200W
- **Selectable CCT:** 3000K / 4000K / 5000K
- **High efficiency:** Up to 160 lm/W
- **Built to last:** >30,000-hour LED lifetime
- **Made for demanding environments:** IP65, IK08 and -30°C to +50°C operation
- **Flexible optics:** 120° standard beam, with 60° and 90° options
- **Smart-control ready:** Zhaga Book 18 socket for zencontrol sensor integration
- **Protected:** 6kV surge protection



ORDERING INFORMATION

Order Code	IL-HB-200W-ZG0-10
Description	Intelligent Environments UFO 200W Switch High Bay 160lm/W CRI80+ 3000-4000-5000K
Driver Type	0-10V dimmable Phillips driver

IP Rating	IP65
IK Rating	IK08
Fitting Colour	Black
Body Material	Aluminium allow
Diffuser Material	Clear plastic
Installation Type	Suspended

EFFICIENCIES

Total System Efficiencies	160 lm/W

Total system efficiency reflects the combined performance of the LED, optical, thermal and driver components. Luminaire efficiency accounts for optical and thermal losses, while overall system efficiency also includes driver losses.

ELECTRICAL

Working Temp Range	-30° to 50° C
Input Frequency	50 Hz
Inrush Current	100 A
Maximum Wattage	200 W
Input Wattage	AC100-277V, 50/60Hz
Input Current	2A
Surge Protection L-N	6kV
Surge Protection L/N-PE	6kV
Earth Leakage	0.75 mA
Power Selection	100 / 150 / 200 W



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LAMP

Colour Rendering Index (CRI)	>80+
CCT Configurations	Select 3000/3000/5000K
MacAdam Steps (SDCM)	5-step MacAdam Eclipse
Beam Angle	120°

LED LIFETIME

LED Lifetime	>30,000 hrs

Reported LED Lifetime is based on TM-21 and represents the life of a single LED. In line with TM-21 Addendum B, I.E. does not publish calculated or projected lifetime figures. In multi-LED systems, overall system life can extend beyond the individual LED rating, as performance is distributed across the full LED array.

Ambient Temp (° C)	25°C	40°C
L70B10	40,000 hrs	37,000 hrs

L/B ratings define LED performance over its rated lifetime. The L value indicates retained light output – for example, L70 means 70% of initial output remains. The B value indicates the percentage of LEDs expected to fall below that level – e.g. B10 = 10%. L values are assessed to TM-21 and B ratings to IEC 62717.

TM-21 Test Hours	10,000 hrs

WARRANTY

VIP Warranty	2 Onsite, 5 RTB (Total 7 yrs)

VIP warranty is available to registered users and is subjected to additional terms and conditions.

Commercial Use Warranty	5 RTB (Total 5 years)
Warranty Operating Hours	30,000 hrs

This product is covered by a back-to-base warranty until the stated warranty period expires or the stated warranty operating hours are reached, whichever occurs first.

DIMENSIONS

Product Height	120 mm
Product Diameter	320 mm

COMPLIANCE

Product Design Life	10 years

Designed for long-term reliability. Product design life reflects the expected life of the complete luminaire – including LEDs, driver and enclosure – based on maximum operating temperature and daily use. This differs from LED lifetime, which relates specifically to lumen depreciation over time.

Daily Use	20 hours

Designed for optimal service life. Daily Use indicates the recommended operating hours required to achieve the stated product design life. Longer operating periods are possible, but will reduce the expected design life proportionally.

Standards	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15

DRIVER

Driver Type	1-10V dimmable Phillips
Flex & Plug or Lead Length	1,500mm
Wiring Type	Flex & Plug (3 pin)
PSTLM	0.006

Short-Term Light Modulation (PstLM) measures visible flicker. A rating of ⩽1.0 ensures flicker remains at a level that is not perceptible or likely to cause discomfort.

SVM	0.002

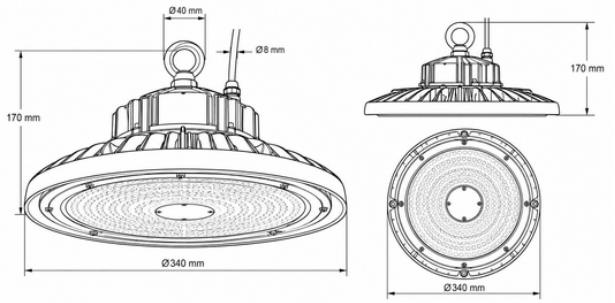
Stroboscopic Visibility Measure (SVM) assesses visible stroboscopic effects from lighting. A rating of ⩽0.4 helps minimise visual distortion, discomfort and potential safety risks.

LUMEN OUTPUT

100 Watts	
5000K	16000lm
150 Watts	
5000K	24000lm
200 Watts	
5000K	32000lm

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LINE DRAWINGS

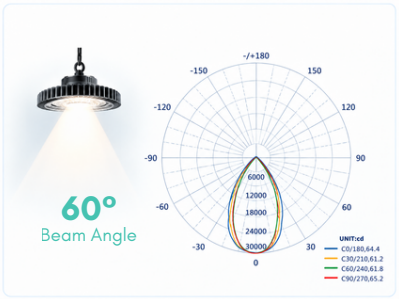


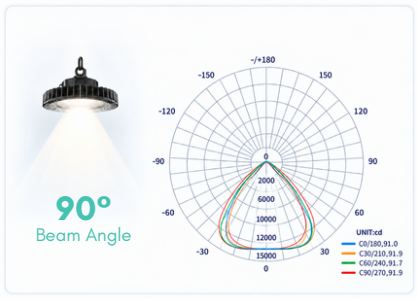
DUST COVER

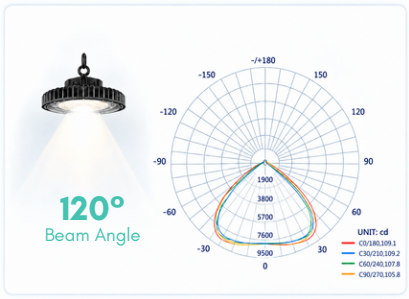
Order Code IEL-200w-ECO-DC
IP Rating IP66



LIGHT DISTRIBUTION





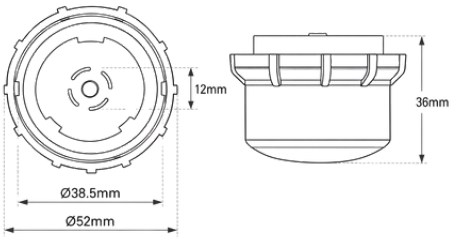


ZHAGA 1-10V CONTROLLER

zencontrol Smart Controller with Zhaga Base

- Compatible with Zhaga Book 18 fittings
- Wireless or standalone operation
- Built-in lux sensing for preset light-level control
- Microwave detection up to 16m
- IP66 weatherproof rating





Order Information

Order Code	zc-z10-mw-ulr
IP Rating	IP66
Operating Distance	16m
Operating Temp	-20° to 50° C
Input Voltage	12-24VDC 0.01A
Dimensions	Height 35mm Diameter 52mm

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