



COOLON ZEENO2

Selectable 150W/200W/240W LED High Bay



Flexible and adaptable high bay solution.
Designed for performance and versatility.

Zeeno2 is a compact, high-performance LED high bay designed for durability, versatility, and connectivity. Designed for reliable operation in harsh industrial environments, including environments subject to electrical disturbances.

It features power-selectable options (150/200/240W) and CCT-selectable outputs (Warm/Neutral/Cool White) to suit a wide range of applications and mounting heights. Zeeno2 is Brilliant Connected Light ready via an additional BCL Zhaga node. Installation of the optional BCL node enables wireless connectivity and site digitisation (BCL Zhaga node sold separately).

With flexible optics and configurable options, Zeeno2 adapts to your site's unique requirements, providing precise, high-performance illumination where it's needed.



Designed for use in:

- Industrial Facilities
- Maintenance Workshops
- Mills and Factories
- Warehouses and Cold Stores
- Stadiums / Sports Halls
- Workshops
- Undercover Flotation Tanks
- Undercover Stockpiles
- Public Spaces
- Agriculture



AUSTRALIAN DEVELOPED
SMART TECHNOLOGY



Engineered to perfection

High intensity light output. Over 170 lm/W efficiency.
Low power consumption. Long life endurance.
Zeeno2 is the ideal industrial high bay light.

Power You Can Tailor to Your Site

Selectable 150/200/240W output empowers Zeeno2 to suit any installation, delivering adaptable performance, precise light levels, and consistent efficiency across diverse industrial environments.

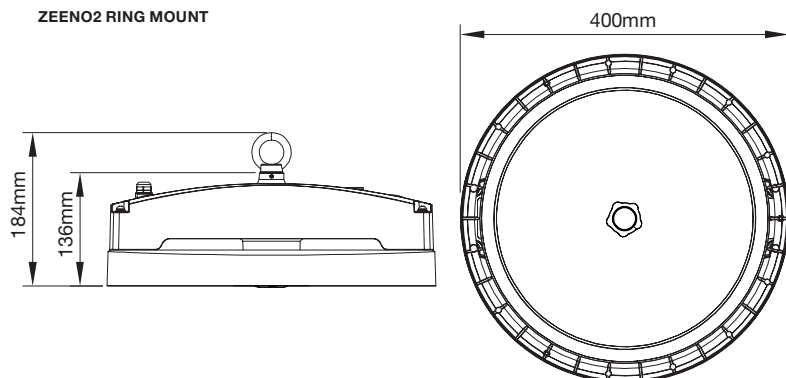


Brilliant Connected Light Ready

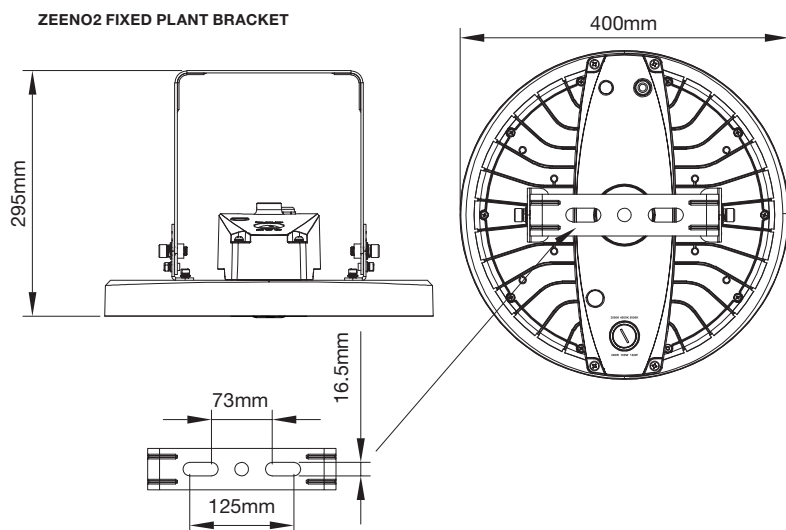
Designed and developed in Australia, Brilliant Connected Lights (BCL) transform industrial luminaires into a connected IoT network, enabling seamless monitoring, control and integration across complex environments. Lights automatically mesh to form a site-wide network, supporting the deployment of IoT-based sensors and services such as asset tracking, weather monitoring, machine condition monitoring and more. (BCL node sold separately)

DIMENSIONS

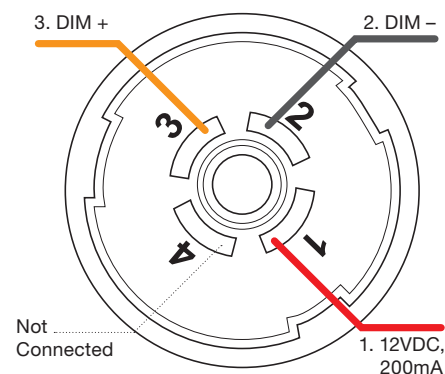
ZEENO2 RING MOUNT



ZEENO2 FIXED PLANT BRACKET



ZHAGA CONNECTOR PIN-OUT



TECHNICAL SPECIFICATIONS

Product	Zeeno2 LED High Bay
Model	ZHB2-240
Optical Characteristics^{1,2}	
Luminous Flux	27,000 - 43,000 lm
CCT	Selectable WWT / NWT / CWT
CRI	80
Electrical Characteristics (Luminaire)^{1,2}	
Power Consumption	Selectable 150W / 200W / 240W
Nominal Voltage	230VAC
Rated Input Voltage	120 - 277 VAC
Frequency Range	50 - 60Hz
Power Factor	≥0.95
Surge Protection (CM & DM)	6 kV
Cable Type	Standard 3 Core Flex with Molded 3 Pin AU Plug
Cable Length	1.5m
Inrush and Leakage Currents³	
Peak Inrush Current @230V	10.8 A
Duration - twidth	0.08 ms
I ² t	0.01 A ² S
Leakage Current (mA)	<0.75mA @ 277V / 60Hz

Maximum number of luminaires per MCB @ 230V ⁴	150W	200W	240W
B16	13	10	8
C16	16	12	10
D16	18	13	11

Environmental	
IP Rating	IP66
Impact Rating	IK08
Salt Spray Tested	Yes
Operating Temp. Range	-20 to +50°C
Expected Lifespan	70,000 Hours to 70% Brightness
Material Composition (Body)	ADC12 Aluminium Alloy
Material Composition (Optics & Cover)	Tempered Glass & Polycarbonate

Weight/Packaging	
Luminaire Weight	5.7kg
Packaging Dimensions	L 450mm x W 450mm x D 205mm
Packaged Weight	6.3kg

Compliance & Applicable Standards	
EMC	AS/NZS CISPR15
	AS/NZS IEC 61000.3.2
Safety	AS/NZS 60598.1
	AS/NZS 60598.2.1

Warranty	
Warranty	5 years warranty as standard

¹ Optical and electrical characteristics are measured using Neutral White LEDs (NWT).

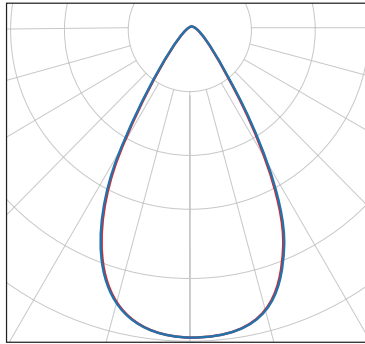
² Reading taken while test unit operating in steady state. Ambient temperature during testing is typically 25 °C. Individual unit behaviour may differ due to electronic component tolerance and ambient conditions. Product parameters and application suitability shall be checked by the user prior to commissioning.

³ Note: At 230 VAC input, 25 °C cold start, 10% Ipk-10% Ipk.

⁴ Number of Luminaires is subject to relative RCBO properties, assuming a 30 mA leakage current limit and RCBO steady state current load not exceeding 60%, 70% and 80% for the B, C, D type MCB respectively.

ILLUMINANCE AT DISTANCE

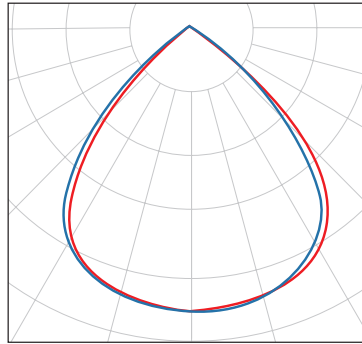
MEDIUM Optics 60°



	150W	200W	240W
2m	7,485	9,745	11,449
4m	1,871	2,436	2,862
6m	832	1,083	1,272
8m	468	609	716
10m	299	390	458

E_c at Centre (Lux)

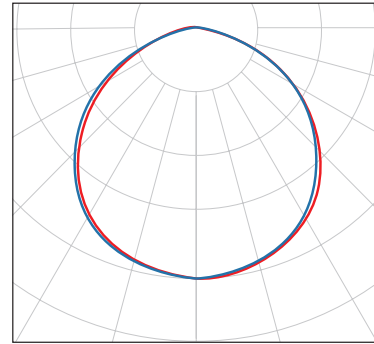
WIDE Optics 90°



	150W	200W	240W
2m	3,710	4,830	5,675
4m	928	1,208	1,419
6m	413	537	631
8m	232	302	355
10m	148	193	227

E_c at Centre (Lux)

NOP Extra Wide Optics 120°



	150W	200W	240W
2m	2,467	3,290	3,948
4m	617	822	987
6m	274	366	439
8m	154	206	247
10m	99	132	158

E_c at Centre (Lux)

ORDERING EXAMPLE

ZHB2 - 240 - WNC - MEDIUM - RNM - MP

PRODUCT	TYPE	COLOUR TEMPERATURE	BEAM	MOUNTING	SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMPERATURE	BEAM	MOUNTING	SUPPLY OPTION
ZHB2 Zeeno2 High Bay	150 150W	WNC Warm-Neutral-Cool White	MEDIUM Medium Optics	RNM Ring Mounted	MP Mains Powered
	200 200W		WIDE Wide Optics	FPB Fixed Plant Bracket	
	240 240W		NOP Extra Wide Optics		