



 COOLON

ZEENO

150W / 240W LED High Bay

The revolutionary change in commercial and industrial high bay lighting applications is finally here.

Zeeno was designed as a more reliable replacement for most industry standard LED high bays. Available as a 150W and 240W in combination with a range of low glare optics to meet a variety of applications.

Zeeno is a simple solution to many energy efficiency challenges where reliability won't be compromised.

Designed for use in:

- Agriculture
- Animal Housing
- Factories
- Gyms
- Public Spaces
- Retail Stores
- Sports Halls
- Stadiums
- Warehouses
- Workshops



Fast Payback, Instant Results

Zeeno can be used in warehouses, sports facilities, retail stores and many other applications. No matter what the use is, Zeeno installations result in reduced energy bills and maintenance, and a short payback period.

Engineered to Perfection

High intensity light output. Over 135 lm/W efficiency.
Low power consumption. Long life endurance.
Incredibly low price. Zeeno is everything you could possibly wish for in a high bay.



COOL SURFACE TEMPERATURE

Coolon's industrial LED fittings have a much lower surface temperature than traditional HID equivalents which prevents dirt from baking onto the luminaire. This allows for easier cleaning and prolongs the lifespan of the luminaire.



NO FLICKERING

LED luminaires run on constant low voltage DC power and do not produce any visible stroboscopic effects. This reduces strain on the eyes and significantly improves safety in areas where moving machinery is present.



UNRESTRICTED BURNING POSITION

Coolon's LED luminaires can be positioned and oriented in any direction without affecting the lifespan of the product. This provides greater flexibility when it comes to aiming angles and orientation.



3 YEARS FACTORY WARRANTY

Coolon luminaires are covered by a comprehensive manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.



INSTANT ON/OFF

LEDs do not have a warm up period. Instant on to 100% output translates to no downtime, improved safety and the ability to utilize sensor switching to significantly reduce energy usage.



LONG USEFUL OPERATING LIFE

Currently available specification from world's most reputable LEDs manufacturers states 50,000 hours of continuous operation at the rated current within the operating temperature range to 70% residual light output.



QUALITY WHITE LIGHT W/ HIGH CRI

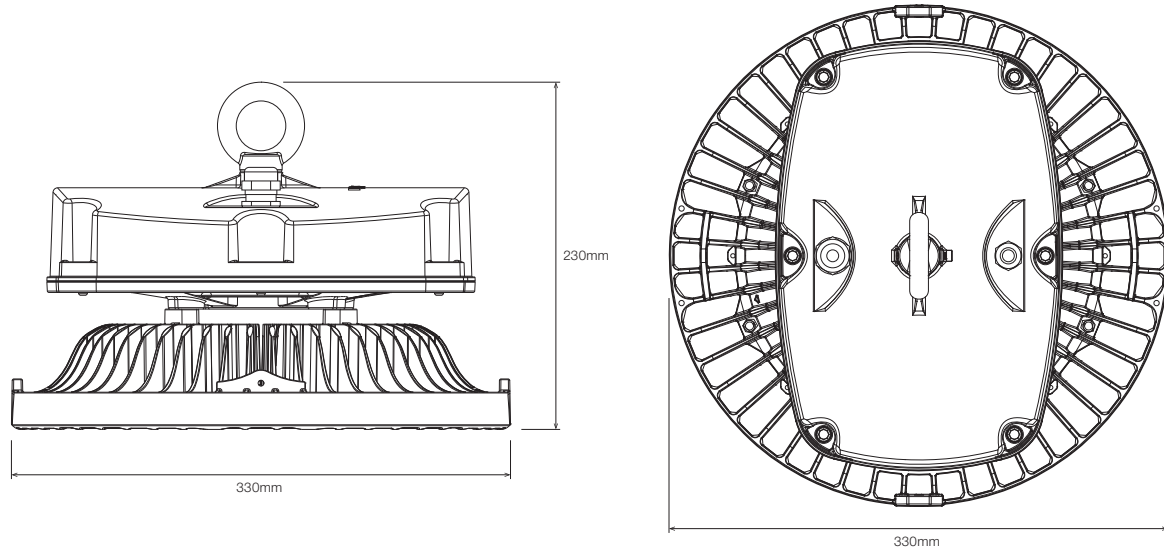
This luminaire emits light with a spectrum closely resembling that of natural daylight with a relatively high colour rendering index (CRI) greater than 80, enabling excellent colour differentiation.



DESIGNED AND BUILT FOR AUSTRALIAN CONDITIONS

Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

DIMENSIONS



TECHNICAL SPECIFICATIONS

Product	Zeeno LED High Bay	
Model	ZHB-150	ZHB-240
Optical Characteristics		
Luminous Flux	24,768 – 25,146 lm	32,662 – 33,312 lm
CCT	CWT / NWT / WWT	
CRI	>70	
Electrical Characteristics (Luminaire)		
Power Consumption	154W Typical	245W Typical
Nominal Voltage	230VAC	
Voltage Range	180 – 528VAC, 254 – 747VDC	
Frequency Range	50 – 60Hz	
Power Factor	≥0.98 / 230VAC	
Leakage Current	<0.75mA / 480VAC	
Cable Type	Standard 3 Core Flex with Molded 3 Pin AU Plug	
Cable Length	1.5m	

Environmental		
IP Rating	IP65	
Impact Rating	IK08	
Salt Spray Tested	Yes	
Operating Temp. Range	-20 to +50°C	
Thermal Management Type	Active/Continuous	
Expected Lifespan	50,000 Hours to 70% Brightness	
Material Composition (Body)	ADC12 Aluminium Alloy	
Material Composition (Optics)	Polycarbonate	

Weight/Packaging		
	150W	240W
Luminaire Dimensions	L 330mm x W 330mm x H 230mm	
Luminaire Weight	6.3kg	6.5kg
Packaging Dimensions	L 400mm x W 400mm x D 290mm	
Packaged Weight	7.5kg	7.7kg

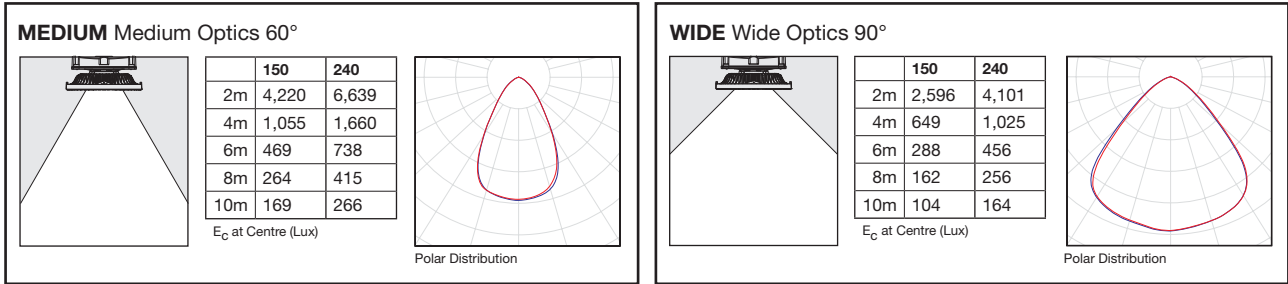
Warranty		
Warranty	3 years warranty as standard 5 years extended warranty optional	

COLOUR TEMPERATURES



All colour temperatures are indicative. Some variation can occur.

ILLUMINANCE AT DISTANCE



ORDERING EXAMPLE

ZHB - 240 - NWT - MEDIUM - MP

PRODUCT TYPE COLOUR TEMPERATURE BEAM SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMPERATURE	BEAM	SUPPLY OPTION
ZHB Zeeno High Bay	150 150W	CWT Cool White	MEDIUM Medium Optics	MP Mains Powered
	240 240W	NWT Neutral White	WIDE Wide Optics	
		WWT Warm White		