



 COOLON

AZIZ LIGHT™

160W LED High Bay

The only innovative solution for production and warehouse areas.

AZIZ LIGHT™ is an extremely robust LED high bay luminaire. With a tempered glass lens and houses within a cold-forged pure aluminium body, AZIZ LIGHT™ is perfect for processing plant and warehouse applications – from pristine to highly contaminated environments.

With over 140 lm/W, AZIZ LIGHT™ is one of the most efficient LED high bays on the market.

Designed for use in:

- Warehouses
- Public Spaces
- Retail Stores
- Sports Halls





Solid Body Aluminum

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

Enhanced Optical Performance

High intensity light output. Over 140 lm/W efficacy.
Low power consumption. Long life endurance.
Incredibly low price. AZIZ LIGHT™ 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.



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.



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.

L70

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.



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.



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.

3
YEARS

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.

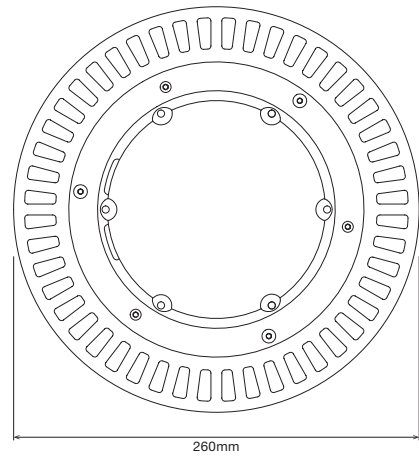
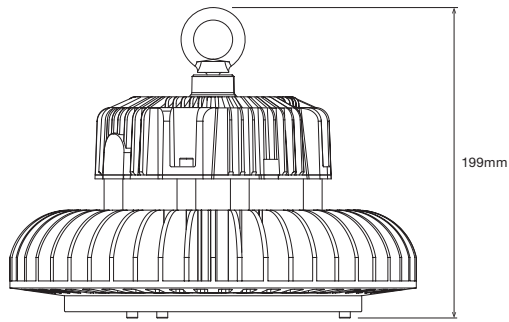


PROUDLY MADE IN AUSTRALIA

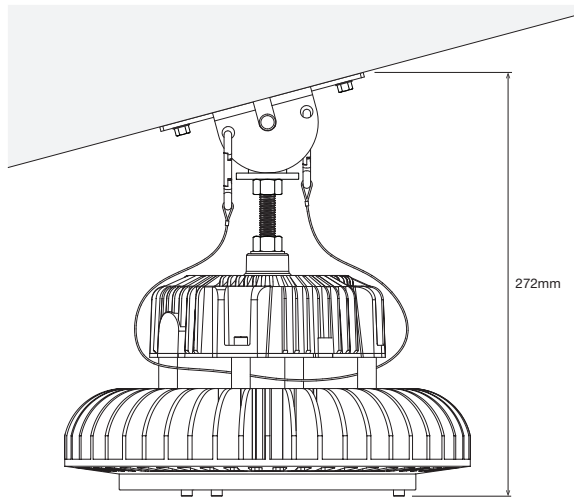
Our products are designed and manufactured in Australia. Engineered to perfection, using the best quality components and highly skilled labour, each luminaire is thoroughly tested to ensure excellence in performance.

DIMENSIONS

AZIZ LIGHT™ 160W Hook Mounted



AZIZ LIGHT™ 160W T-Bolt Swivel Bracket



TECHNICAL SPECIFICATIONS

Product

Model	AZIZLIGHT-160
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Optical Characteristics

Luminous Flux (Photometered)	20,087lm
Luminous Flux (LED Lumens)	21,800lm
CCT	CWT 4700 – 8000K

Electrical Characteristics (Luminaire & Power Supply)

Power Consumption	143W at 25°C
Nominal Voltage	230VAC
Voltage Range	100 – 305VAC, 127 – 431VDC
Frequency Range	47 – 63Hz
Power Factor	>0.95 / 277 VAC
Leakage Current	<0.75mA / 277VAC
Cable Type	Standard 3 Core Flex w/ Molded 3 pin AU Plug
Cable Length	1.5m

Environmental

IP Rating	IP66
Operating Temp. Range	-20 to +50°C
Thermal Management Type	Active/Continuous
Expected Lifespan	50,000 Hours to 70% Brightness
Material Composition (Body)	Cold Forged Aluminium
Material Composition (Cover)	Tempered Glass
Material Composition (Bracket)	Stainless Steel

Weight/Packaging

Luminaire Weight	5.5kg
Packaging Dimensions	290 x 290 x 260mm

Compliance (Safety Standards)

AS/NZS60598.1	Luminaires - General Requirements and Tests
AS/NZS 60598.2.1	Luminaires - Particular requirements - Fixed general purpose luminaires

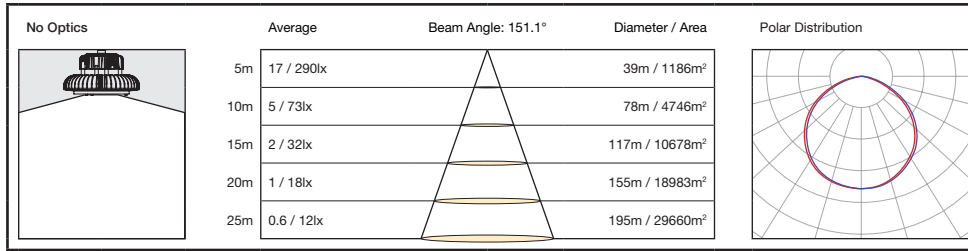
Compliance (EMC)

AS/NZS CISPR15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
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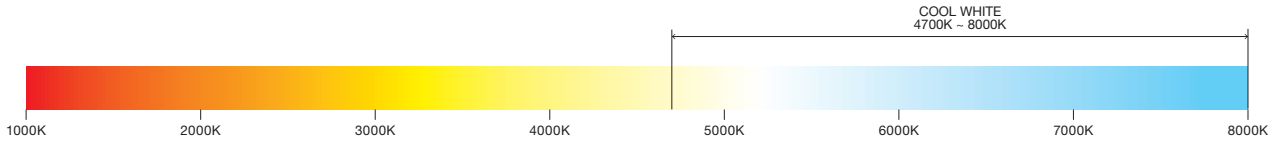
Warranty

Warranty	3 years warranty as standard 5 years extended warranty optional
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ILLUMINANCE AT DISTANCE



COLOUR TEMPERATURES



ORDERING EXAMPLE

AZIZLIGHT - 160 - CWT - NOP - HKM - MP

PRODUCT	TYPE	COLOUR TEMP	OPTICS	MOUNTING	SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMP	OPTICS	MOUNTING	SUPPLY OPTION
AZIZ LIGHT™	160 160W	CWT Cool White	NOP No Optics	HKM Hook Mounted SWB T-Bolt Swivel Bracket	MP Mains Powered