



 COOLON

ISLE BAY™

160W LED High Bay

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

ISLE BAY™ was designed as a more efficient replacement for most industry standard gas discharge lamp-based high bays of up to 250W.

The incredibly sleek yet robust design of the ISLE BAY™ allows it to be used in a variety of applications, from warehouses to retail stores and public spaces.

ISLE BAY™ is a simple solution to many energy efficiency challenges.

Designed for use in:

- Warehouses
- Public Spaces
- Retail Stores
- Sports Halls





Solid Body Aluminum

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

Enhanced Optical Performance

High intensity light output. Over 125 lm/W efficacy.
Low power consumption. Long life endurance.
Incredibly low price. ISLE BAY™ 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.



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.



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.

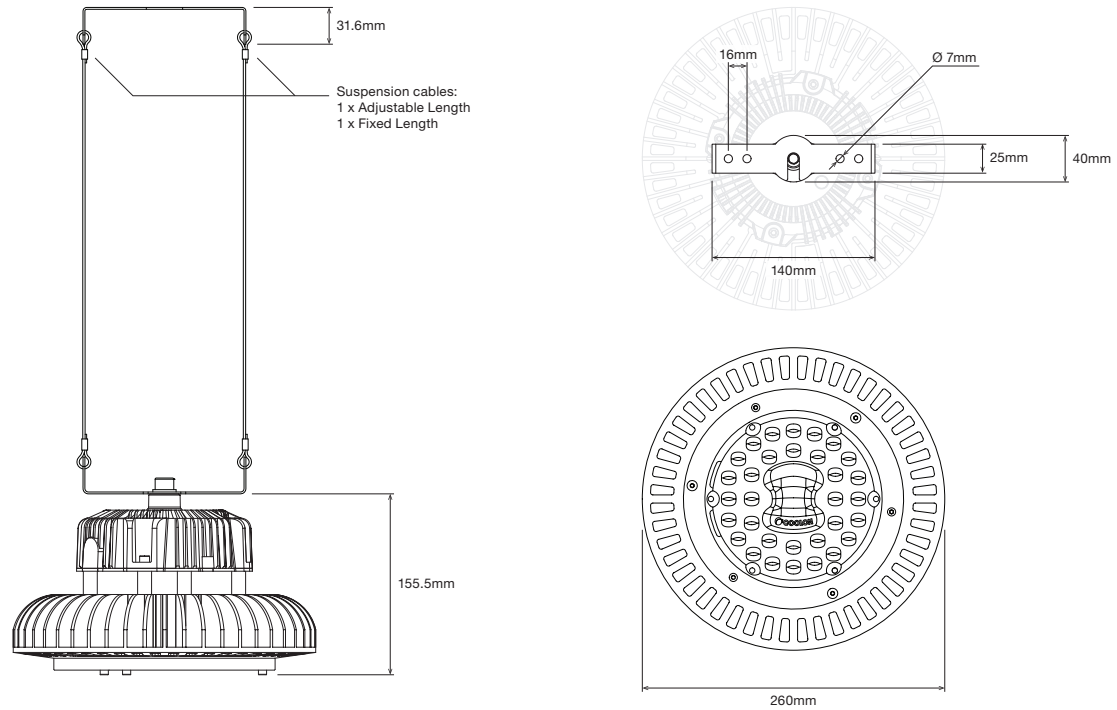


PROUDLY MADE IN AUSTRALIA

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

ISLE BAY™ 160W



TECHNICAL SPECIFICATIONS

Product

Model ISLEBAY-160

Optical Characteristics

Luminous Flux (Photometered) 19,763lm
 Luminous Flux (LED Lumens) 23,400lm
 CCT CWT 4700 – 8000K

Electrical Characteristics (Luminaire & Power Supply)

Power Consumption 160W at 25°C
 Nominal Voltage 230VAC
 Voltage Range 100 – 305VAC,
 127 – 431VDC
 Frequency Range 47 – 63Hz
 Power Factor >0.95 / 277VAC
 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 – 50°C
 Thermal Management Type Active/Continuous
 Expected Lifespan 50,000 Hours to 70% Brightness
 Material Composition (Body) Cold Forged Aluminium
 Material Composition (Cover) Polycarbonate
 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

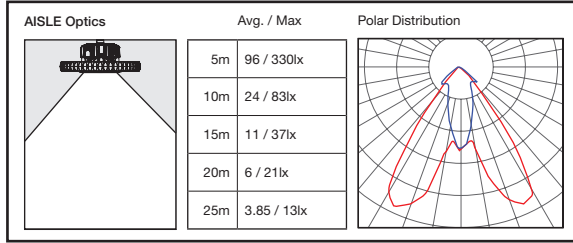
Compliance (EMC)

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

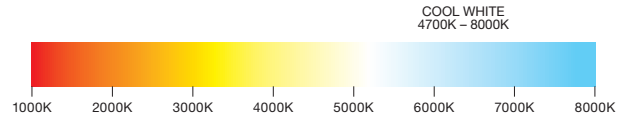
Warranty

Warranty 3 years warranty as standard
 5 years extended warranty optional

ILLUMINANCE AT DISTANCE



COLOUR TEMPERATURES



All colour temperatures are indicative. Some variation can occur.

ORDERING EXAMPLE

ISLEBAY - 160 - CWT - AISLE - SUS - MP

PRODUCT	TYPE	COLOUR TEMP	OPTICS	MOUNTING	SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMP	OPTICS	MOUNTING	SUPPLY OPTION
ISLE BAY™	160 160W	CWT Cool White	AISLE Aisle Optics	SUS Suspended Bracket with Fixed Orientation	MP Mains Powered