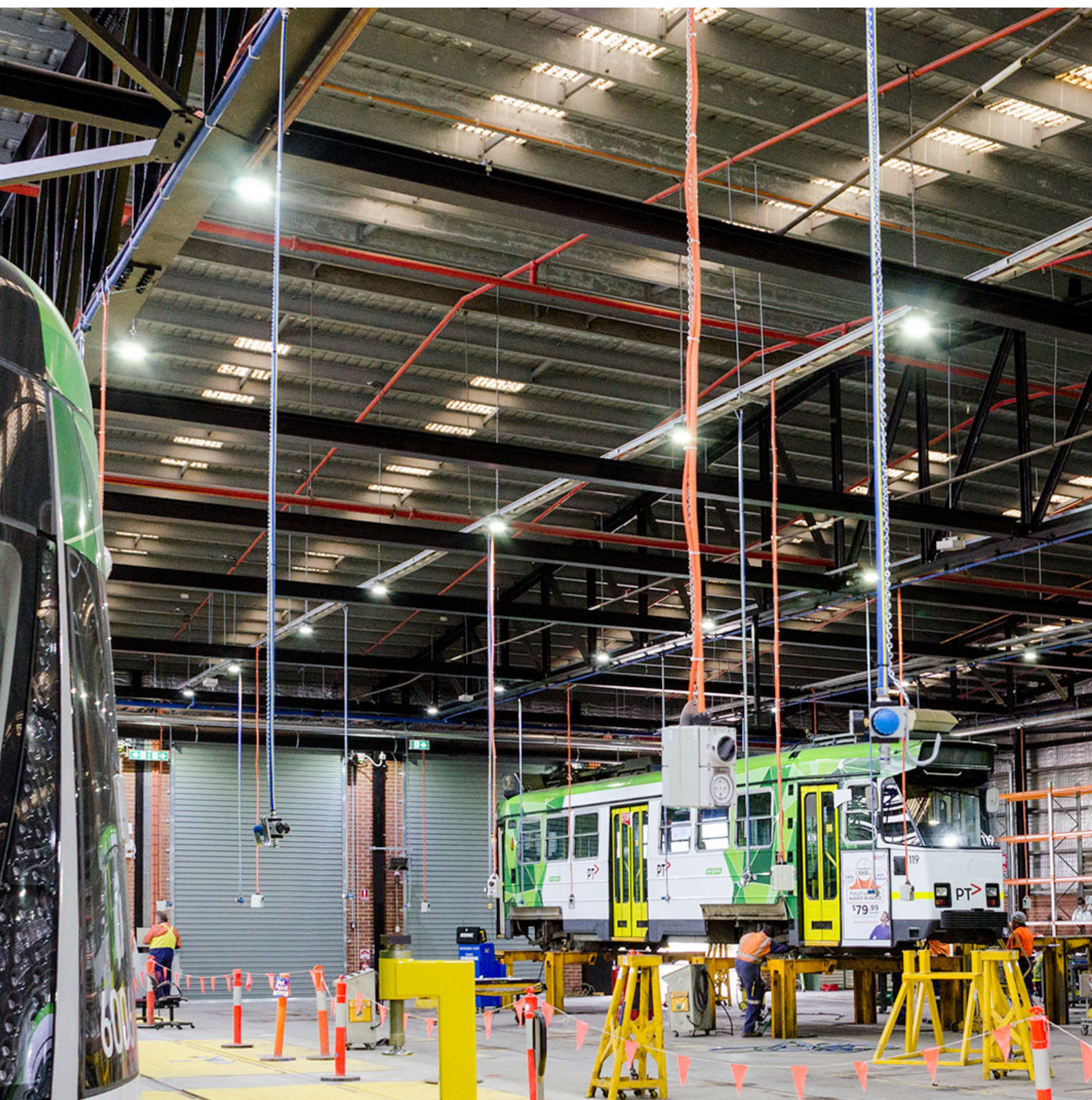




# AZIZ LIGHT™

HIGH BAY AZIZLIGHT







AZIZ LIGHT™ is a reliable LED high bay luminaire engineered for exceptional performance. Its robust construction features a cold-forged aluminium body and a tempered glass lens for superior heat dissipation and light transmission. An optional IK10 rated protective grill adds extra durability for environments prone to impact or damage.

Ideal for warehouses, retail spaces, and recreational facilities, AZIZ LIGHT™ delivers reliability and efficiency in demanding applications.

#### TYPE

##### 160

143W



SC

#### COLOUR TEMPERATURE

2700K

3000K

4000K



## SOLID BODY ALUMINIUM

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, maintenance and a short payback period.

## ENHANCED OPTICAL PERFORMANCE

With an efficacy of over 140 lm/W, a 90+ CRI, and optional DALI compatibility, AZIZ LIGHT™ is ideal for applications where high-quality light and precise control are essential.



L70

### LONG OPERATING LIFE

Coolon products use the world's most reputable LED manufacturers and the latest available standards to adequately report lumen maintenance. We strive to drive LEDs under their nominal current and use state-of-the-art heat dissipation methods, leading to durable electronics



### VARIOUS CCT & COLOUR BINNING CONSISTENCY

All products are offered in various colour temperatures, and manufactured using tighter bins, ensuring excellent consistency and uniformity.

5 YEARS

### 5 YEARS WARRANTY

Coolon luminaires are covered by a solid 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 only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

## ■ TECHNICAL SPECIFICATIONS

Product Code	AZIZLIGHT
Description	AZIZ LIGHT LED High Bay

### Optical Characteristics <sup>1 2</sup>

Luminous Flux (Photometered)	14,800 - 20,087 lm
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### Electrical Characteristics (Luminaire & Power Supply) <sup>2</sup>

Power Consumption	143W at 25°C
Nominal Voltage	230VAC
Voltage Range	100 – 305VAC, 127 – 431VDC
Frequency Range	47 – 63Hz
Power Factor	>0.95 / 230VAC
Leakage Current	<0.75mA / 230VAC

### Environmental

IP Rating	IP66
IK Rating	IK10 with Wire Mesh Guard
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	4.3kg	4.6kg
Packaging Weight	5.2kg	5.5kg
Packaging Dimensions	320 x 320 x 230mm	

### Compliance (Safety Standards)

AS/NZS60598.1	Luminaires - General Requirements and Tests
AS/NZS 60598.2.3	Luminaires - Particular requirements - For road and street lighting

### Compliance (EMC)

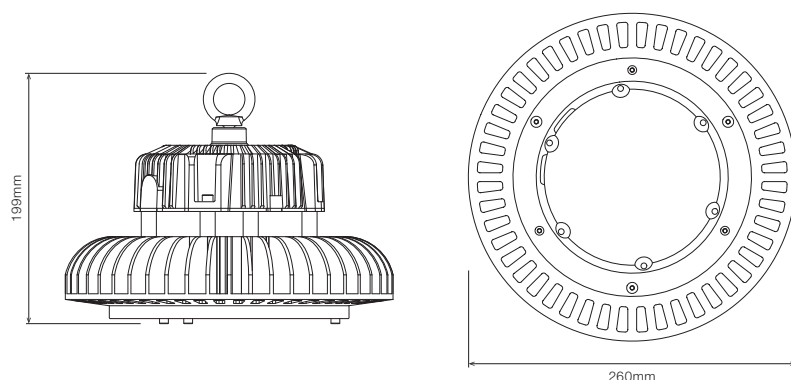
AS/NZS CISPR15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
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<sup>1</sup> Optical and electrical characteristics are measured using 4.0KCRI CCT.

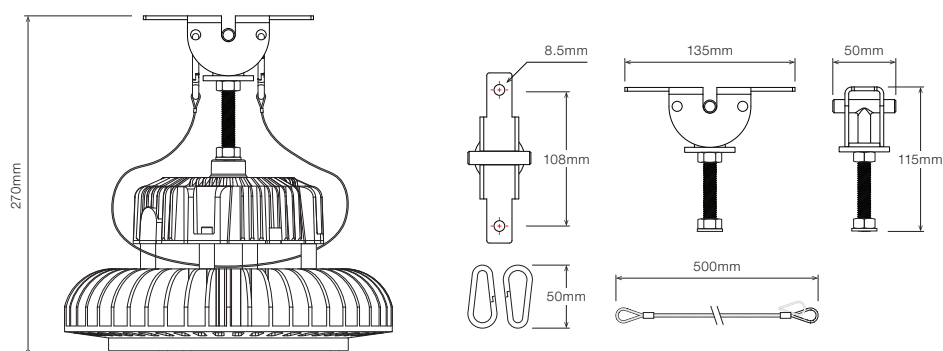
<sup>2</sup> Reading taken while test unit operating in steady state. Ambient temperature during testing is typically 25°C. Individual unit behaviour may differ due to electronic component tolerance and ambient conditions. Product parameters and application suitability shall be checked by the user prior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

## DIMENSIONS

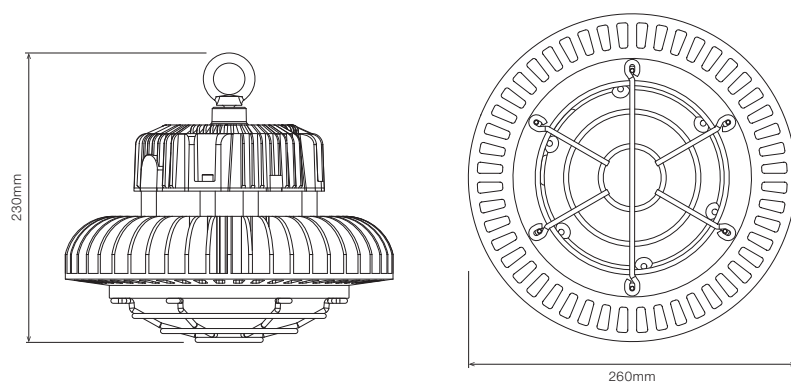
### WITH HOOK MOUNT



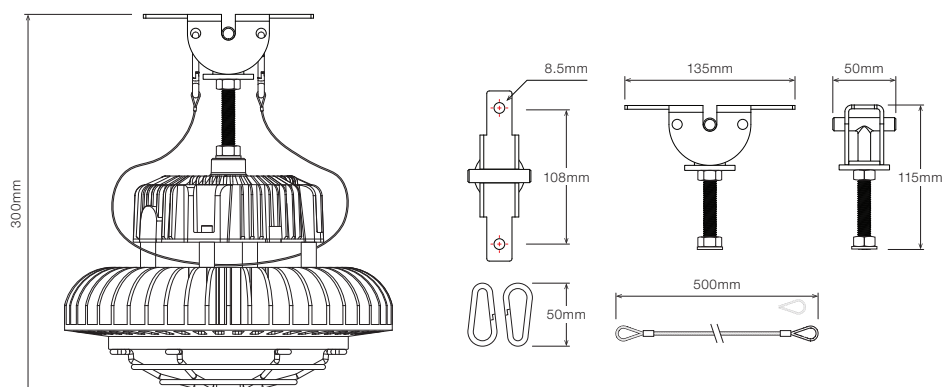
### WITH T-BOLT SWIVEL BRACKET



### WITH HOOK MOUNT AND WIRE MESH GUARD



### WITH T-BOLT SWIVEL BRACKET AND WIRE MESH GUARD



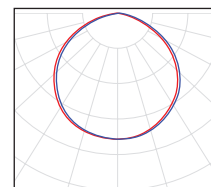
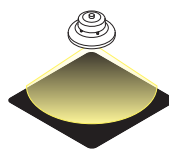
## ■ POLAR DISTRIBUTION

### OPTIC

### POLAR DISTRIBUTION

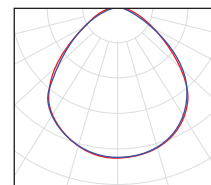
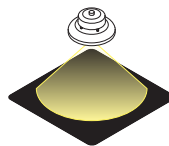
NOP

Extra Wide Beam  
113° Beam Angle



DIF

Diffused Beam  
97° Beam Angle



## ORDERING EXAMPLE

### AZIZLIGHT - 160 - 4.0KCRI - NOP - HKM - MP



#### ■ WATTAGE

160	143W
160DA	143W with DALI Control

#### ■ COLOUR TEMPERATURE

2.7KCRI	2700K CRI 90
3.0KCRI	3000K CRI 90
4.0KCRI	4000K CRI 90

#### ■ OPTICS

NOP	Extra Wide Optics, 113° Beam
NOP_WMG	Extra Wide Optics, 113° Beam, IK10 Wire Mesh Guard
DIF	Diffused Optics, 97° Beam
DIF_WMG	Diffused Optics, 97° Beam, IK10 Wire Mesh Guard

#### ■ MOUNTING

HKM	Hook Mounted
SWB	T-Bolt Swivel Bracket

#### ■ SUPPLY OPTION

MP	Mains Powered, 1.8m flex and AU plug, 200mm Fly Lead for DALI (160DA)
MP_5P	Mains Powered with DALI, 2.5m lead with 5 pin plug