

LED HIGHBAY STANDARD OPTIC



The Aqualuma LED Highbay standard optic is part of the Premium Commercial range and is designed specifically to replace traditional metal halide or induction lighting used in indoor and outdoor applications. Ideally suited for use in factories, cold stores and warehouses, including hazardous areas. Suitable for approximate heights between 5-13m.

Specifications - AUS/NZ/UK/EU/ASIA

LED Light Source	Luxeon
Colour Temp (Tc)	4000 or 5300 Kelvin
CRI	CRI > 80 CRI > 70
Luminous Flux	Up to 26,644 lm
LED Current / LED	90W, 125W, 165W, 185W
Input Voltage	90V-277V
Colour	Grey Powdercoat
Optical Options	Highbay, Lowbay, Aisle, Shops & Stores
Lens Options	Clear Acrylic, Diffused Acrylic, Polycarbonate



Classified by UL to UL 1598,
UL 8750, CSA C22.2 NO. 250.0



TESTED TO COMPLY
WITH FCC STANDARDS



**APPROVED FOR
NSW/VIC INCENTIVES**

Features

- Replaces >400W metal halide light fittings
- Output flux up to 26,644 lm
- 90W, 125W, 165W & 185W versions available
- Wall plug efficacy up to 150lm/W
- Full spectrum colour rendering results in improved visual acuity in comparison to metal halide and fluorescent light fittings
- L70 rated for minimum 100,000hrs at 25°C
- LM6 marine grade aluminium / powder coated
- Certified to all applicable AS/NZ, European and USA standards
- 7 year warranty.
- Instant on / off
- IP66 rated
- Ipart and Veet Approved

LED HIGHBAY

STANDARD OPTIC



Photometric Data

Colour correlated temperature:

4000K, 5300K

Colour Rendering Index (CRI):

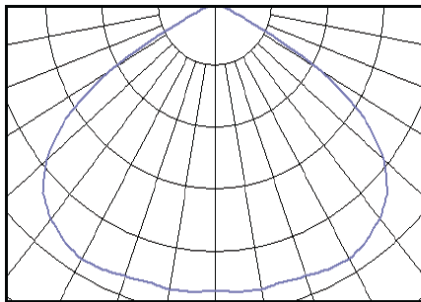
minimum 85 (4000K), minimum 70 (5300K)

Flux:

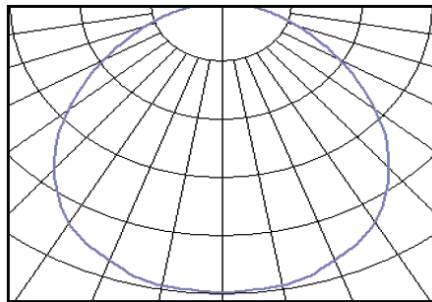
up to 26,644 lm

Polar Plots

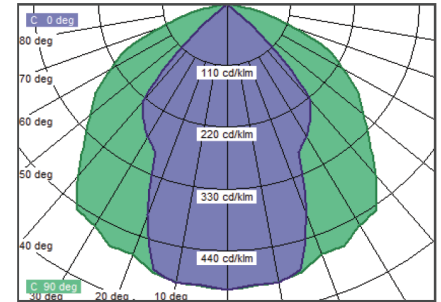
Clear Acrylic Lens



Diffuse Acrylic Lens



Aisle Optic



Electrical Specifications

Operating voltage:

90-277VAC, 47-63Hz

Power factor:

$\lambda > 0.90$

Operating Temperature:

-40 °C to 45 °C

EMC emission:

Compliance to CISPR15 / EN 55015, EN61000-3-2 & EN61000-3-3

EMC immunity:

Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547

Mechanical Information

Weight:

7.5kg

Mounting:

Eye Mount, Bracket mount, Ceiling mount, Ezystrut mount

Cabling:

3m PVC cable + 3 pin plug

Housing:

Marine Grade powder coated "copper free" aluminium

Lens:





Clear Acrylic, Diffused Acrylic, Polycarbonate

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Lens and Mounting Options

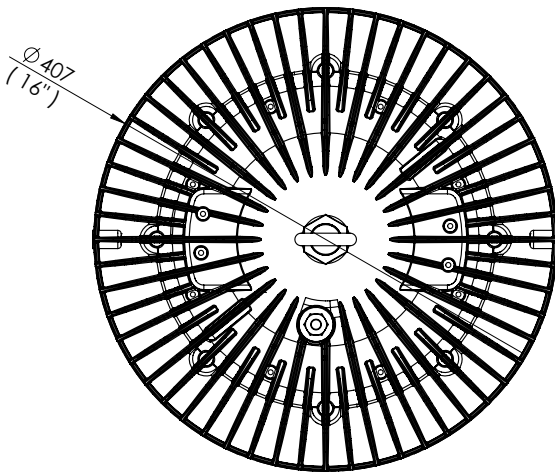
	Eye Mount 316 marine grade stainless steel eye mount
	Bracket Mount Powder coated aluminium bracket
	Ceiling Plate
	Clear / Diffuse / Polycarbonate Acrylic Lens
	Ezystrut Mount

LED HIGHBAY

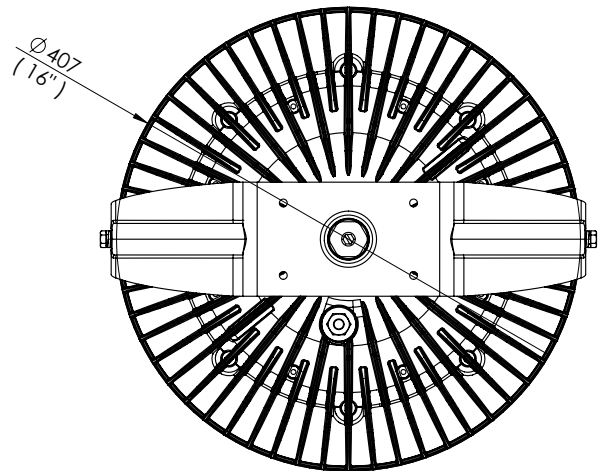
STANDARD OPTIC



Dimensions



EYE HOOK (STANDARD)



WALL BRACKET

