



# LED Highbay

Highbay or Lowbay Optic

The Aqualuma LED Highbay standard or lowbay 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 3-13m.

## Specifications

LED Light Source	Lumileds
Colour Temp (Tc)	4000 or 5300 Kelvin
CRI	CRI > 80   CRI > 70
Luminous Flux	Up to 27,500 lm
Efficacy	Up to 162lm/W
LED Current / LED	90W, 125W, 165W, 185W
Input Voltage	90V-277V   47-63Hz
Warranty	10 Year premium warranty (90-165W) - 7 Year (185W)
Optical Options	Highbay, lowbay, shops & stores
Lens Options	Clear or diffused acrylic, polycarbonate

## Features

- One for one replacement for >400W metal halide light fittings
- 90W, 125W, 165W & 185W versions available
- Full spectrum colour rendering (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 with Dulux Duralloy – 10 year durability warranty
- Certified to all applicable AS/NZ, European and USA standards
- Instant on / off
- IP66 rated
- IPART and VEET approved
- Intelligent control & sensor options available
- Flicker free



## Electrical Specifications

- Operating voltage:** 90-277VAC, 47-63Hz  
**Power factor:**  $\lambda > 0.90$   
**Operating Temperature:** -40 °C to 45 °C

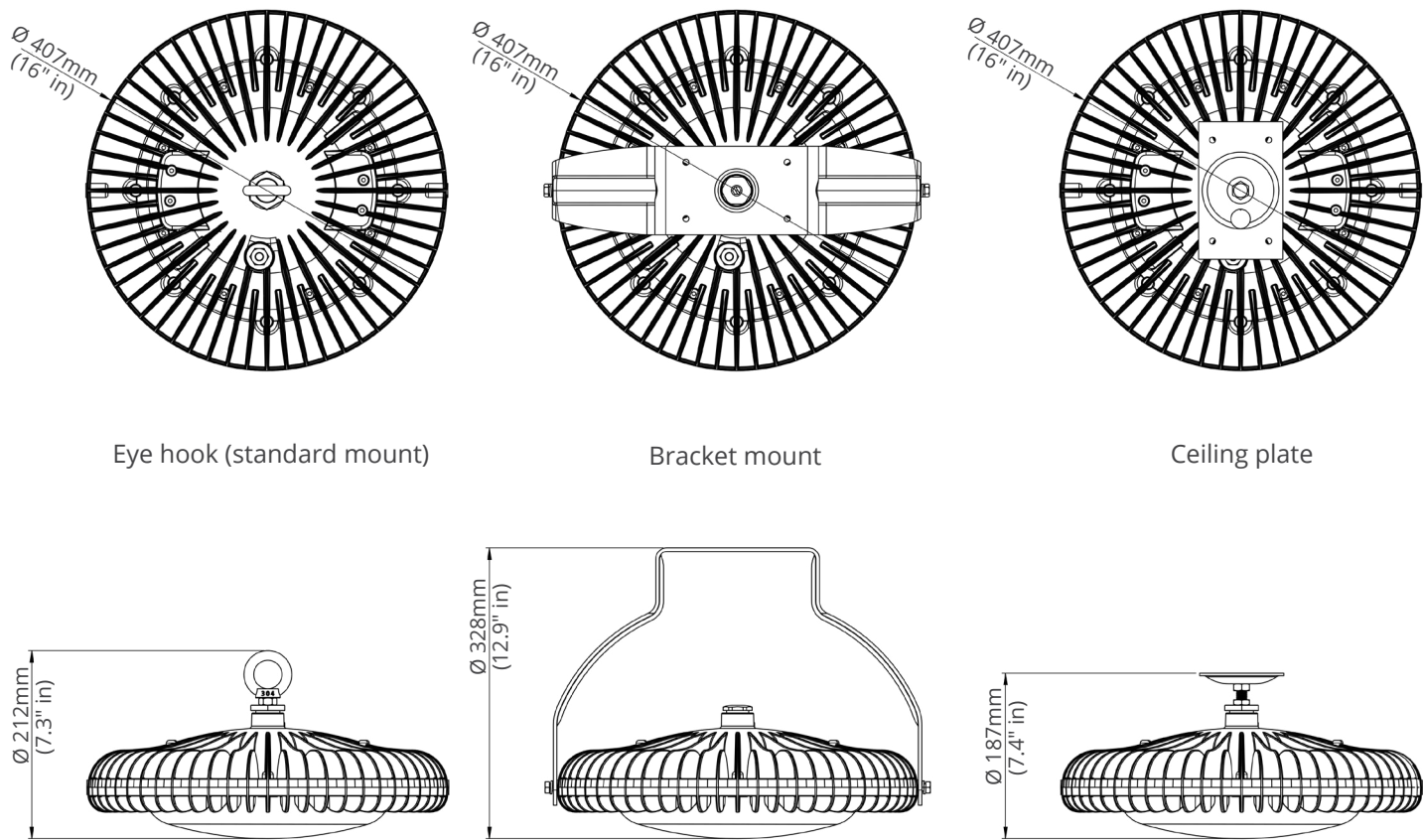
## Mechanical Information

- Weight:** 7.5kg  
**Mounting:** Eye, bracket, ceiling plate, ezystrut  
**Cabling:** 3m PVC cable + 3 pin plug (std)  
**Housing:** Marine grade powder coated “copper free” aluminium  
**Lens:** Clear or diffused acrylic, polycarbonate





DIMENSIONS - ALL Highbay Models



MOUNTING OPTIONS - ALL Highbay Models

	Eye mount (standard mount) 316 marine grade stainless steel eye mount
	Bracket mount (full 360° rotation) Powder coated aluminium bracket
	Ceiling plate
	Clear acrylic lens, diffuse acrylic lens, polycarbonate lens
	Ezystrut mount



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Aqualuma LED Lighting  
124 Siganto Drive, Helensvale, 4212, QLD, Australia  
[www.aqualuma.com](http://www.aqualuma.com)