



premium
LED Highbay
with Food Safe Enclosure



The Aqualuma Premium LED Highbay is part of the Commercial range and is designed 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 heights between 5-13m. Now available with HACCP approved Food Safe enclosure for food storage and processing facilities.

Specifications

LED Light Source	Luxeon
Colour Temp (Tc)	4000 or 5300 Kelvin
CRI	CRI > 80 CRI > 70
Luminous Flux	Up to 19,047 lm
LED Current / LED	90W and 125W
Input Voltage	90V-277V
Colour	White 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



**APPROVED FOR
NSW/VIC INCENTIVES**

Features

- Replaces >400W metal halide light fittings in food processing and any areas requiring food grade fixtures.
- 90W and 125W versions available
- Wall plug efficacy up to 162lm/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
- Food Safe enclosure 1150 aluminium powdercoated
- 7 year warranty
- Ipart and Veet Approved
- Instant on / off
- IP66 rated

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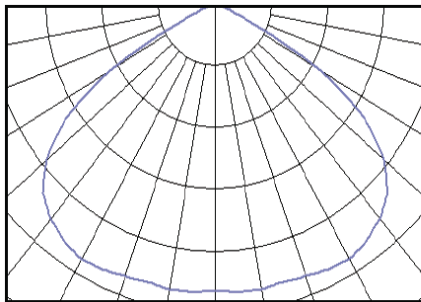
Photometric Data

Colour correlated temperature: 4000K, 5300K
Colour Rendering Index (CRI): (4000K = >85CRI), (5300K = > 70CRI)
Flux: up to 19,047 lm

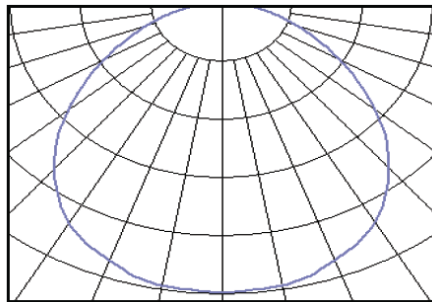


Polar Plots

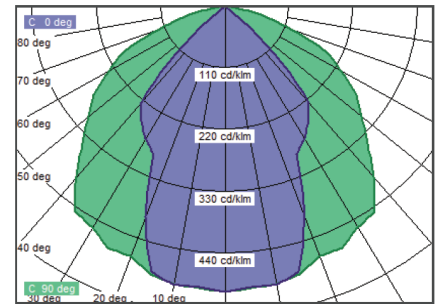
Clear Acrylic Lens



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: 9.4kg
Mounting: Eye Mount, Ceiling mount, Ezystnut mount
Cabling: 3m PVC cable + 3 pin plug
Housing: Marine Grade powder coated "copper free" aluminium
Lens: Clear Acrylic, Diffused Acrylic, Polycarbonate
Food Safe Enclosure: 1150 Aluminium powdercoated white gloss

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Lens and Mounting Options



	<p>Eye Mount 316 marine grade stainless steel eye mount</p>
	<p>Ceiling Plate</p>
	<p>Clear / Diffuse / Polycarbonate Acrylic Lens</p>
	<p>Ezystrut Mount</p>

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Dimensions

