



AQUALUMA®
LED LIGHTING



**VEET & IPART
APPROVED**

**7 YEAR
MINE
WARRANTY**

LED FLOODLIGHT

MINE SPEC



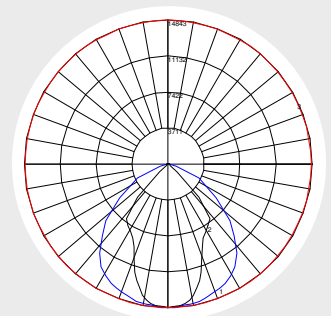
Part of our premium commercial & Industrial range, the Mine Spec LED Floodlight-Highbay is intricately engineered specifically for mining applications. Crafted to replace traditional metal halide or high pressure sodium lighting, this fixture boasts enhanced performance ideal for both indoor and outdoor mining settings. Its durability is further elevated by the use of 316 stainless steel bracket and fixings, ensuring a longer lifespan even in the harshest environments. Accompanied by Aqualuma's esteemed 7-year commercial warranty. With the option for a tailored long and narrow beam pattern or standard highbay optic it's optimized to cast a brilliant illumination across expansive areas, marking it as the optimal solution for your rigorous lighting needs in demanding conditions. Ideally suited for use in mining, heavy industrial, workshops, CHPP, large warehouses, draglines, bucketwheel reclaimers and stockpile lighting.

SPECIFICATIONS

LED Light Source	Lumileds
Colour Temp (Tc)	4000 or 5300 Kelvin
CRI	CRI > 80 CRI > 70
Luminous Flux	Up to 25,182 lm
Efficacy	Up to 155lm/W
LED Current / LED	90W, 125W, 165W
Input Voltage	90V-277V 47-63Hz
Warranty	7 Year Premium Mining Warranty (Light only)
Optical Options	Asymmetric wide beam flood, Standard Optic
Lens Options	Clear or diffused acrylic optic

TECHNICAL SPECIFICATIONS

- One for one replacement for >400W metal halide light fittings
- 90W, 125W, & 165W 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
- Certified to AS/NZ standards
- Instant on / off
- IP66 rated
- IPART and VEET approved
- Intelligent control & sensor options available
- Flicker free





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MECHANICAL INFORMATION

Weight (Light only): 7.5kg

Weight (with extras): 12.2kg

Mounting: Adjustable angled 316 Stainless steel bracket

Cabling: 3m lead with standard AUS/ NZ plug

Housing: Marine grade powder coated "copper free" aluminium

Lens: Clear or diffused acrylic, clear polycarbonate

Optional Extras :

- 3m lead with 56 series plug
- Pre-wired anaconda to CCG bottom entry J-box (2 extra 20mm entries)
- Stainless Steel Safety lanyard



ELECTRICAL SPECIFICATIONS

Operating voltage: 90-277VAC, 47-63Hz

Power factor: $\lambda > 0.90$

Operating Temperature: -40°C to 50°C

