



 COOLON

BULKHEAD

35W Bulkhead Light

The most versatile, high-performing, and easy to install bulkhead light that can retrofit the hole patterns of most common bulkheads.

The Bulkhead has been carefully engineered as a direct result of feedback from maintenance crews around Australia to achieve ease of install combined with a robust and virtually indestructible luminaire.

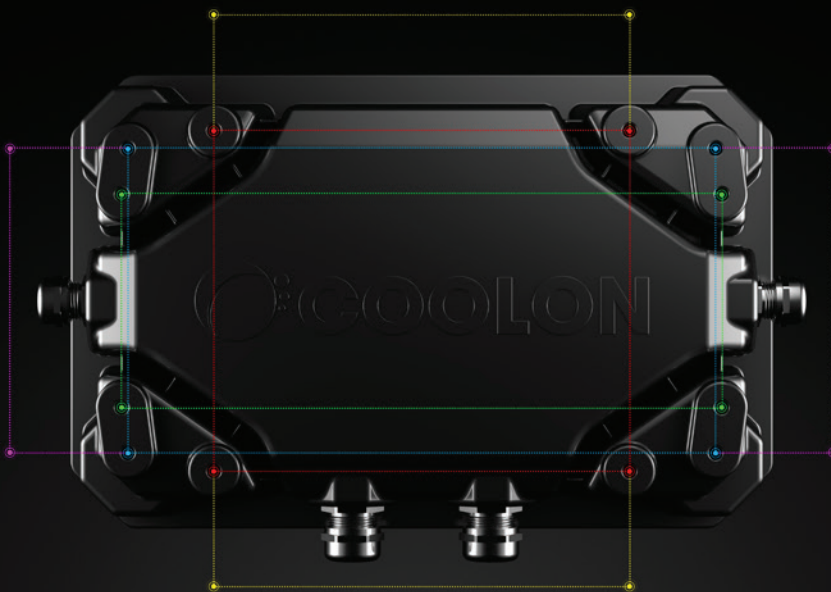
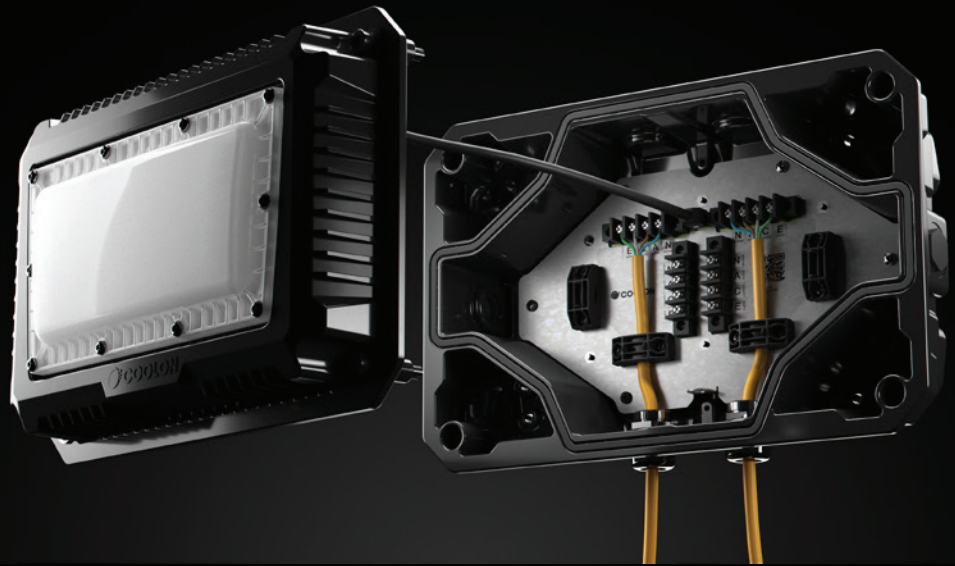
Designed for use in:

- CHPP
- Conveyors
- Exit Routes
- Platforms
- Walkways
- Stairwells
- Substation
- Tunnels



Designed with the installer in mind

Multiple entry points, easily-accessible terminal block, and removable body. All these aspects make installation a breeze. "Straight off, straight on!"



Universal mount design

Designed with a universal mount to retrofit the hole patterns of most common bulkhead lights on the market, the Coolon Bulkhead is easy and quick to install.



COOL SURFACE TEMPERATURE

Coolon's Industrial LED fittings have a much lower surface temperature than traditional HID equivalents which prevents dirt from baking onto the luminaire. This allows for easier cleaning and will prolong the lifespan of the luminaire.



NO FLICKERING

LED luminaires run on constant low voltage DC power and do not produce any visible stroboscopic effects, thus reducing the strain on eyes and significantly improving safety in areas where moving machinery is present.



LOW SUSCEPTIBILITY TO VIBRATION

This luminaire is designed to handle continuous exposure to vibration. A typically critical issue affecting the life and operation of most common gas discharge lamp based light sources is mechanical shock and vibration.

3
YEARS

3 YEARS FACTORY WARRANTY

Coolon Luminaires are covered by a solid comprehensible manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.



INSTANT ON/OFF

LEDs do not require warm up. Instant on to 100% output translates to no downtime, improved safety and the ability to utilize sensor switching to significantly save energy.

IP66

HIGH IP RATING - IP66

Coolon's Industrial LEDs are designed specifically to withstand the harsh conditions in mining environments. The robust design allows our LED products to be used in many different applications and are high pressure washable.

L70

LONG USEFUL OPERATING LIFE

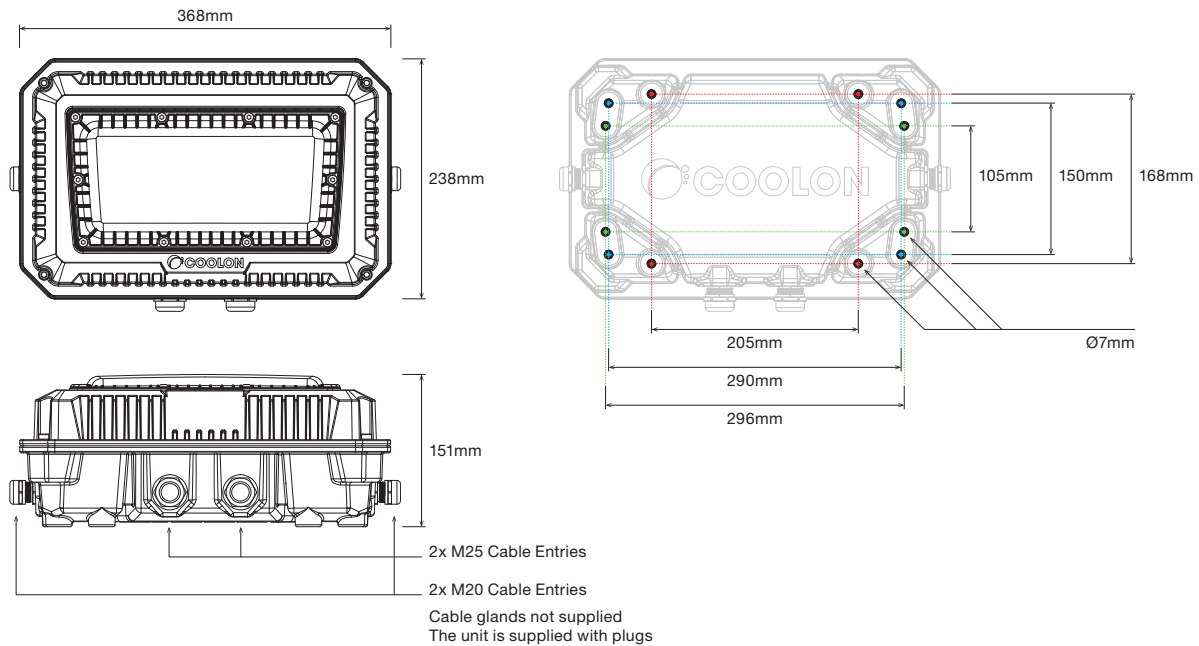
Currently available specification from world's most reputable LED manufacturers states 50,000 hours of continuous operation at the rated current within the operating temperature range to 70% residual light output.



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.

DIMENSIONS



TECHNICAL SPECIFICATIONS

Product

Model	Bulkhead LED Luminaire
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Optical Characteristics

Luminous Flux (Photometered)	4236lm
Luminous Flux (LED Lumens)	4500lm
CCT	CWT 5800K – 6900K AMB 1800K WWT 2700K – 3000K
CRI	>70 excluding amber

Electrical Characteristics (Luminaire)

Power Consumption	35W Typical
Nominal Voltage	230VAC
Voltage Range	180 – 528VAC 254 – 747VDC
Frequency Range	47 – 63Hz
Power Factor	≥0.98 / 230VAC @ full load
Leakage Current	<0.75mA / 480VAC

Environmental

IP Rating	IP66
Impact Rating	IK09
Salt Spray Tested	Yes
Operating Temp. Range	-20 to 50°C
Thermal Management Type	Active/Continuous
Expected Lifespan	50,000 Hours to 70% Brightness
Material Composition (Body)	ADC12 Aluminium Alloy
Material Composition (Optics)	Polycarbonate
Material Composition (Cover)	Polycarbonate
Cable Entry Options	2x M20 + 2x M25

Weight/Packaging

Luminaire Weight	5.6kg
Packaging Dimensions	L: 400mm x W: 280mm x D: 180mm
Packaged Weight	6kg

Compliance (Safety Standards)

AS/NZS60598.1	Luminaires - General Requirements and Tests
AS/NZS 60598.2.1	Luminaires - Particular requirements - Fixed general purpose luminaires

Compliance (EMC)

AS/NZS CISPR15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
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Warranty

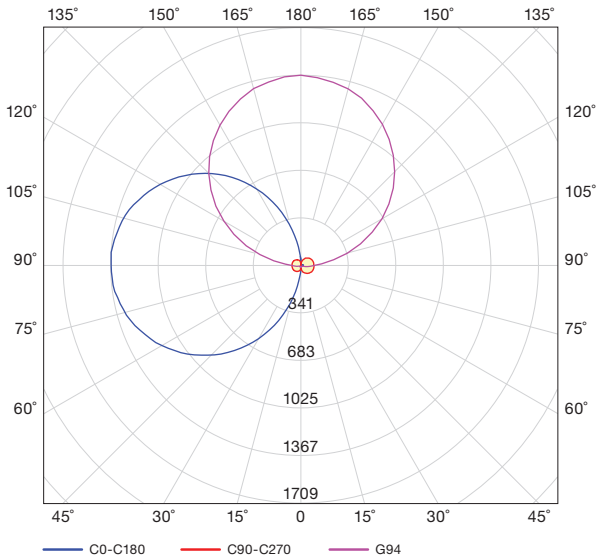
Warranty	3 years warranty as standard 5 years extended warranty optional
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COLOUR TEMPERATURES



All colour temperatures are indicative. Some variation can occur.

OPTICAL DISTRIBUTION



ORDERING EXAMPLE

BH - CWT - SY1 - MP

PRODUCT COLOUR TEMP OPTICS SUPPLY OPTION

PRODUCT	COLOUR TEMP	OPTICS	SUPPLY OPTION
BH BULKHEAD	CWT Cool White LEDs	SY1 Symmetrical / Diffuser	MP Mains Powered
	WWT Warm White LEDs		
	AMB Amber LEDs		