



 COOLON

XBLADE™

480W / 960W LED Flood Light

The XBLADE™ Heavy-Duty LED Light optimises the latest from Coolon's LED lighting technology to deliver the most powerful and robust flood light for heavy industrial applications.

Designed and manufactured in Australia using only the highest quality components, the XBLADE™ luminaire is designed specifically for industrial and commercial applications where reliability and performance are paramount. XBLADE™ luminaire is rated IP66 and is suitable for harsh outdoor conditions.

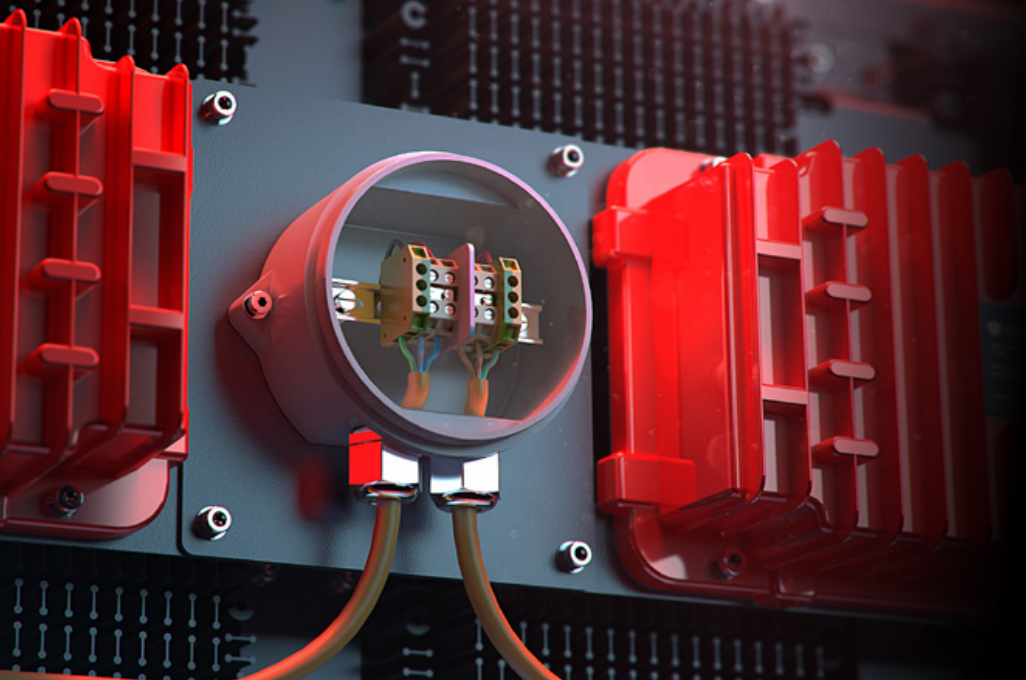
Designed for use in:

- High Mast
- Stock Piles
- Sports Grounds
- Drag Lines
- Crushers
- Hard Stand Areas
- Switching Yards
- Security Perimeter
- Workshops
- Golf Courses
- Loading Docks
- Ports/Wharf



Built for application

The XBLADE™ Heavy-Duty LED Light has been designed specifically for safe and efficient installation and operation. A sturdy mainframe, in-built lifting handles and unique mounting bracket make this flood light easy to handle and quick to install.



Easy to install

The XBLADE™ Heavy-Duty LED Light is purpose-fitted with a quick-access mining-grade junction box that allows for easy in-line wire-in / wire-out connection.



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.



QUALITY WHITE LIGHT W/ HIGH CRI

This luminaire emits light with a spectrum closely resembling that of natural daylight with a relatively high colour rendering index (CRI) greater than 80, enabling excellent colour differentiation.

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.



INDUSTRIAL GRADE FINISHINGS

A long-life luminaire deserves a long-life finish. We source the finest alloys and surface treatments to ensure the luminaire provides superior performance all year round in all weather conditions.

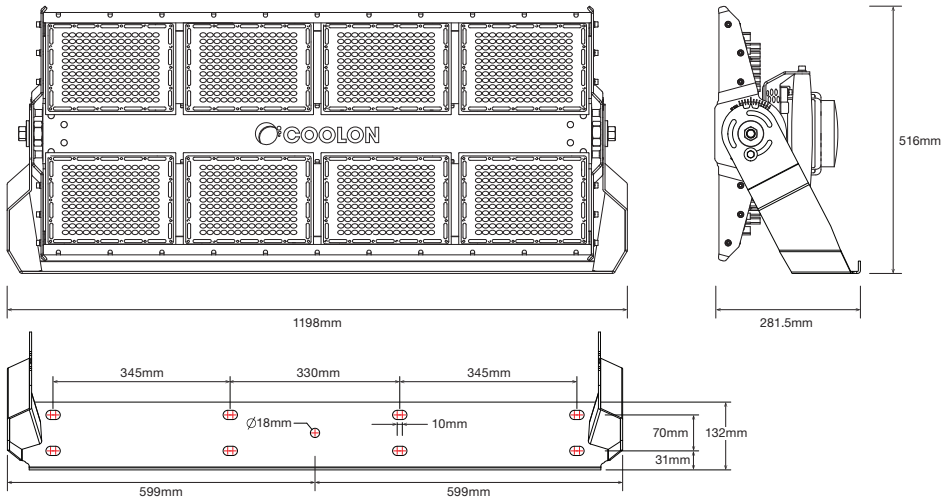


PROUDLY MADE IN AUSTRALIA

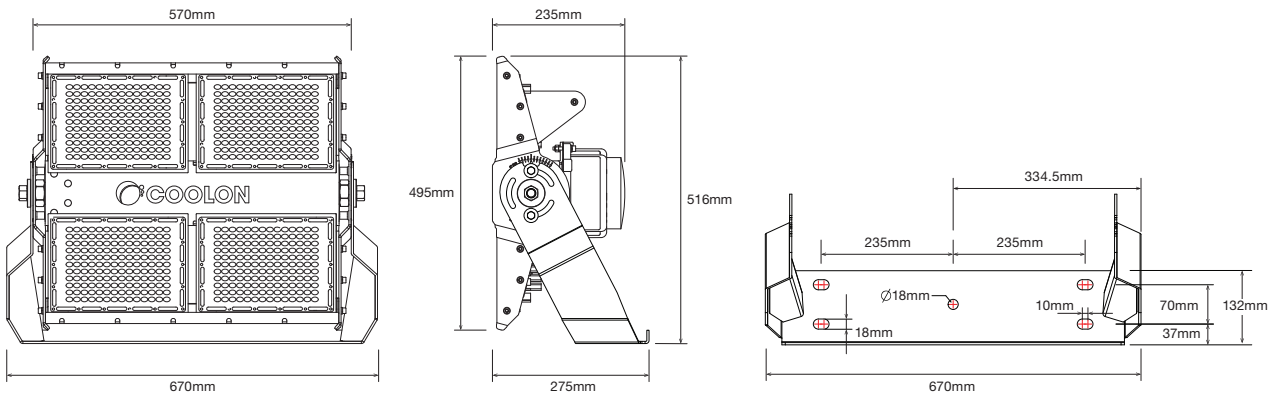
Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

DIMENSIONS

XBLADE™ 960



XBLADE™ 480



TECHNICAL SPECIFICATIONS

Product

Model	XBLADE™ 960	XBLADE™ 480
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Optical Characteristics

Luminous Flux (Photometered)	104,336lm – 120,712lm	52,168lm – 60,356lm
Luminous Flux (LED Lumens)	129,600lm	64,800lm
CCT	CWT 5000K – 6500K NWT 4000K – 4500K WWT 3000K – 3500K	
CRI	>70 excluding amber	

Electrical Characteristics (Luminaire)

Power Consumption	960W	480W
Nominal Voltage	230VAC	
Voltage Range	180 – 528VAC / 254VDC – 747VDC	
Frequency Range (AC)	47 – 63Hz	
Power Factor	>0.95	
Leakage Current	<1mA / 240VAC	

Environmental

IP Rating	IP66	
Operating Temp. Range	-20°C to +50°C	
Thermal Management Type	Active / Continuous	
Expected Lifespan	50,000 Hours to 70% Brightness	
Material Composition (Body)	High Purity Forged Aluminium	
Material Composition (Optics)	PC	
Material Composition (Bracket)	Stainless Steel 316	

Weight/Packaging

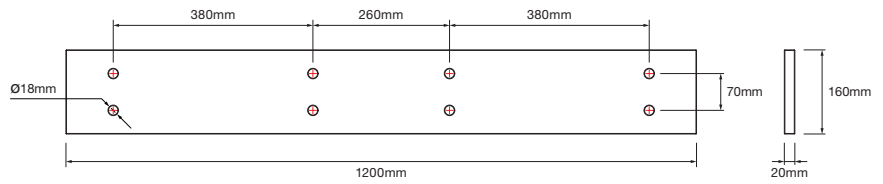
Luminaire Weight	34kg	19.1kg
Luminaire Weight with bracket	43kg	25.8kg
Bracket Weight	9kg	6.7kg
Luminaire Dimensions	L:1093mm W:495mm D:235mm	L:670mm W:495mm D:235mm
Packaging Dimensions	L: 1208mm W: 516mm D: 275mm	L: 753mm W: 516mm D: 275mm
Packaging Weight	50kg	31kg

Warranty

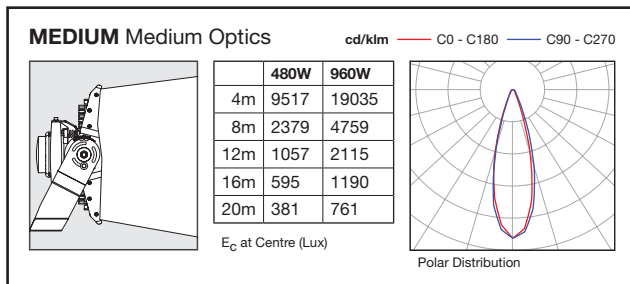
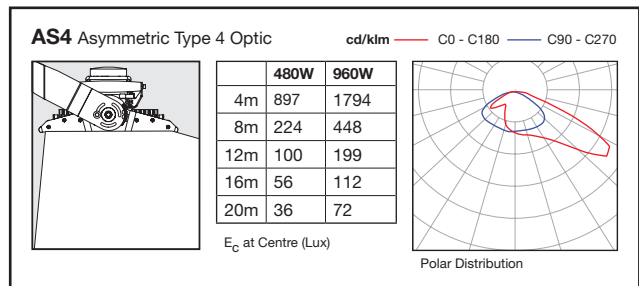
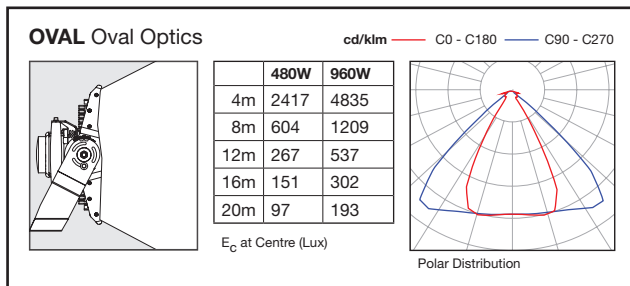
Warranty	3 years warranty as standard 5 years extended warranty optional
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ACCESSORIES

Optional Beam Coupling Plate for XBLADE™ 960
ACC-BCP-BC400-PL330-MS (available separately)



ILLUMINANCE AT DISTANCE



ORDERING EXAMPLE

XBLADE - 960 - CWT - OVAL - MP-WVR

PRODUCT

TYPE

COLOUR TEMP

OPTICS

SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMP	OPTICS	SUPPLY OPTION
XBLADE™	960 960W	CWT Cool White	OVAL Oval Optics	MP-WVR Wide Voltage Range
	480 480W	NWT Neutral White	MEDIUM Medium Optics	
		WWT Warm White	AS4 Asymmetric Type 4 Optic	

ASSOCIATED PRODUCTS

PART #	DESCRIPTION
ACC-BCP-BC400-PL330-MS	Optional Beam Coupling Plate for XBLADE™ 960