



 **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.

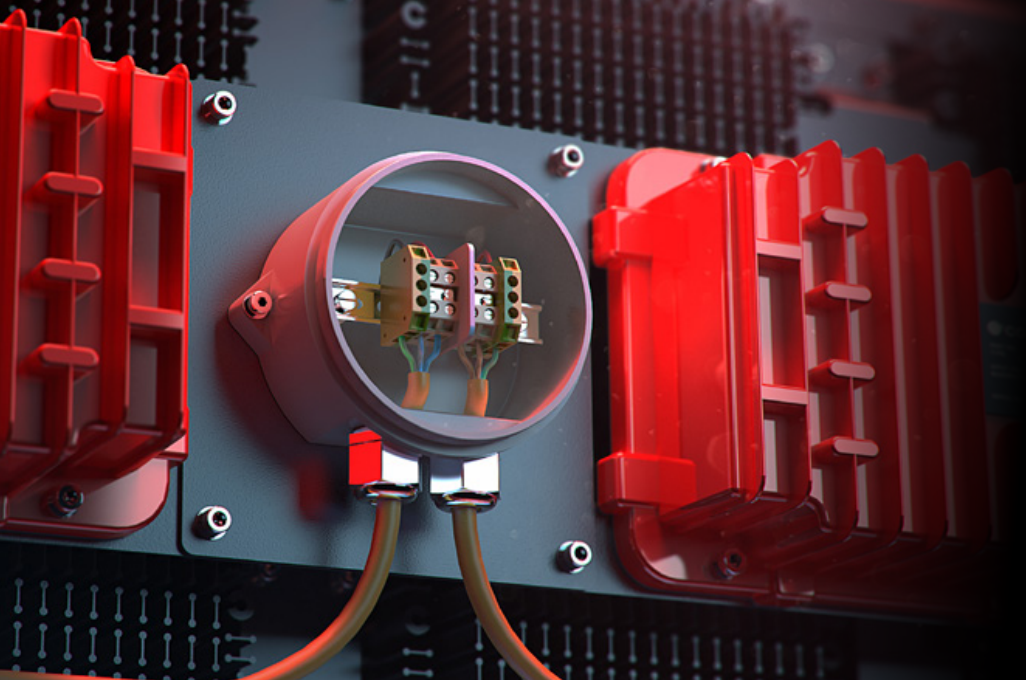
Designed for use in:

- 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.

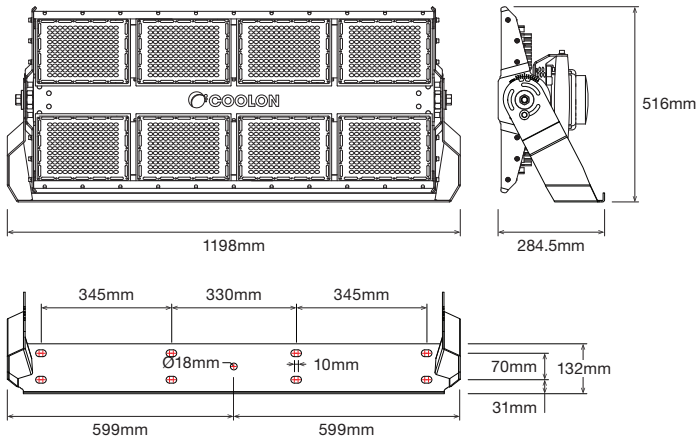


PROUDLY MADE IN AUSTRALIA

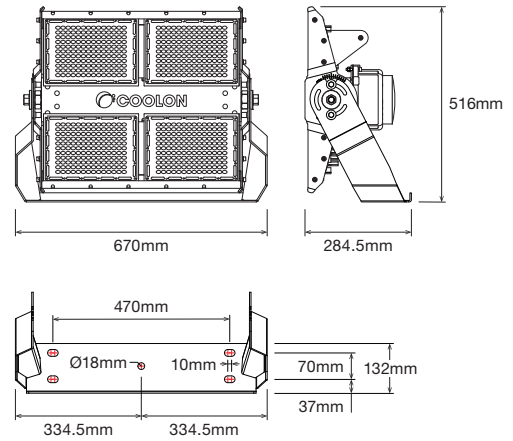
Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

DIMENSIONS

XBLADE™ 960

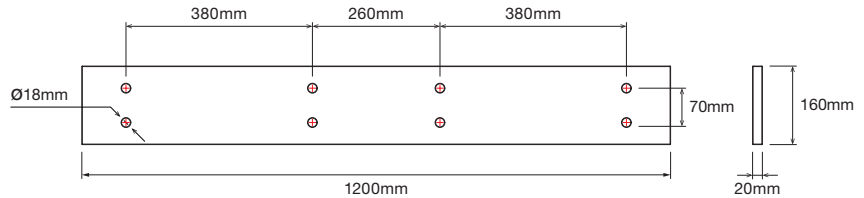


XBLADE™ 480



ACCESSORIES

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



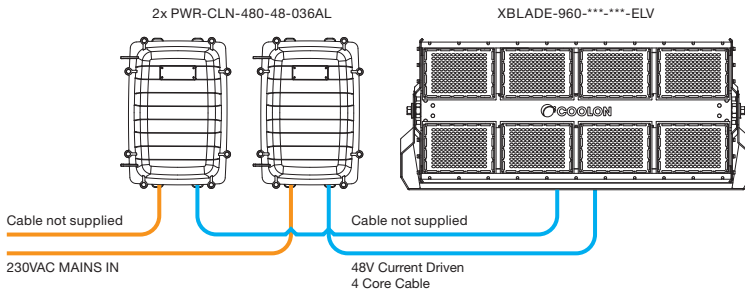
TECHNICAL SPECIFICATIONS

Product	XBLADE™ 960	XBLADE™ 480
Model	XBLADE™ 960	XBLADE™ 480
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	1060W	530W
Nominal Voltage	230VAC	
Voltage Range	180 – 528VAC / 254VDC – 747VDC	
Frequency Range (AC)	47 – 63Hz	
Power Factor	>0.95	
Leakage Current	<2mA / 240VAC	
Cable Extension	Distance between the power supply and luminaire can be extended up to 30m. The voltage drop on the cable must not exceed 2V. 4mm ² cable is recommended for 30m extension.	
Sail Area		
AS4 Optics	MP 0.244m ² (approx.)	0.140m ² (approx.)
Horizontal Orientation	ELV 0.195m ² (approx.)	0.115m ² (approx.)
MEDIUM / OVAL Optics	MP 0.970m ² (approx.)	0.614m ² (approx.)
Vertical Orientation	ELV 0.970m ² (approx.)	0.614m ² (approx.)

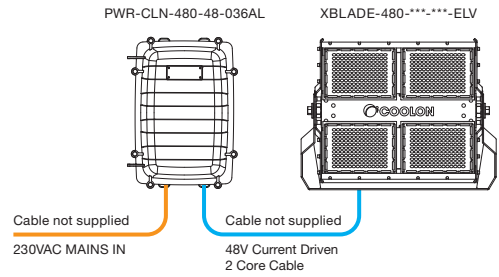
Environmental		
IP Rating	IP66	
Operating Temp. Range	-20°C to +50°C	
Thermal Management Type	Active / Continuous	
Expected Lifespan	50,000 Hours to 70% Brightness	
Material Composition (Body)	High Purity Cold Forged Aluminium	
Material Composition (Optics)	PC	
Material Composition (Bracket)	Stainless Steel 316	
Weight/Packaging		
Luminaire Weight	34kg	19.1kg
Luminaire Weight with bracket	43kg	25.8kg
Bracket Weight	9kg	6.7kg
Luminaire Dimensions	W 1093mm H 495mm D 235mm	W 670mm H 495mm D 235mm
Packaging Dimensions	W 1208mm H 516mm D 275mm	W 753mm H 516mm D 275mm
Packaging Weight	50kg	31kg
Warranty		
Warranty	3 years warranty as standard 5 years extended warranty optional	

KIT CONFIGURATION

XBLADE - 960 - XXX - XXX - RPS

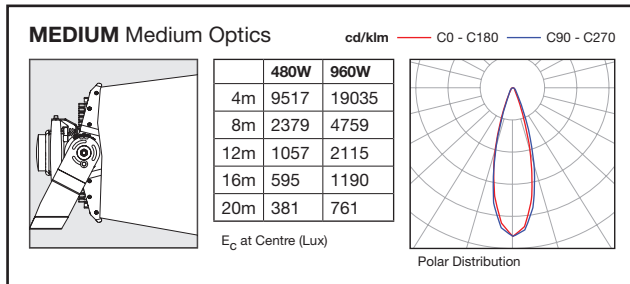
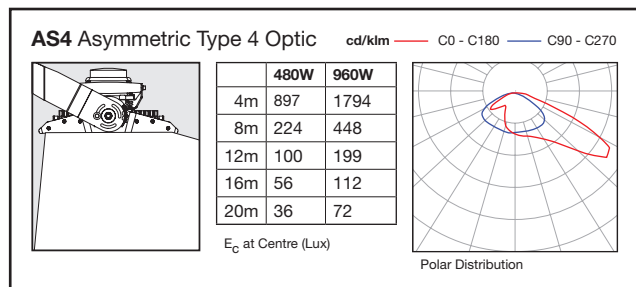
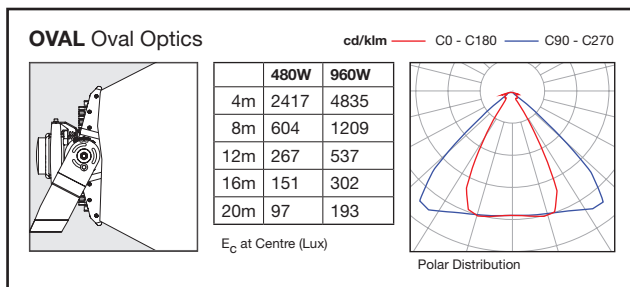


XBLADE - 480 - XXX - XXX - RPS



Distance between the power supply and luminaire can be extended up to 30m. The voltage drop on the cable must not exceed 2V. 4mm² cable is recommended for 30m extension.

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 1060W	CWT Cool White	OVAL Oval Optics	MP-WVR Wide Voltage Range
	480 530W	NWT Neutral White	MEDIUM Medium Optics	RPS* Remote Power Supply
		WWT Warm White	AS4 Asymmetric Type 4 Optic	

* Refer to KIT OPTIONS for details

KIT OPTIONS

QTY	PART #	DESCRIPTION
XBLADE-960-RPS		
1	XBLADE-***-***-ELV	XBLADE™ Luminaire, Extra Low Voltage
2	PWR-CLN-480-48-036AL	Coolon Industrial Power Supply 480W IP66, 48VDC in 00036 Aluminium Enclosure
XBLADE-480-RPS		
1	XBLADE-***-***-ELV	XBLADE™ Luminaire, Extra Low Voltage
1	PWR-CLN-480-48-036AL	Coolon Industrial Power Supply 480W IP66, 48VDC in 00036 Aluminium Enclosure

ASSOCIATED PRODUCTS

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