



 COOLON

XBLADE™

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



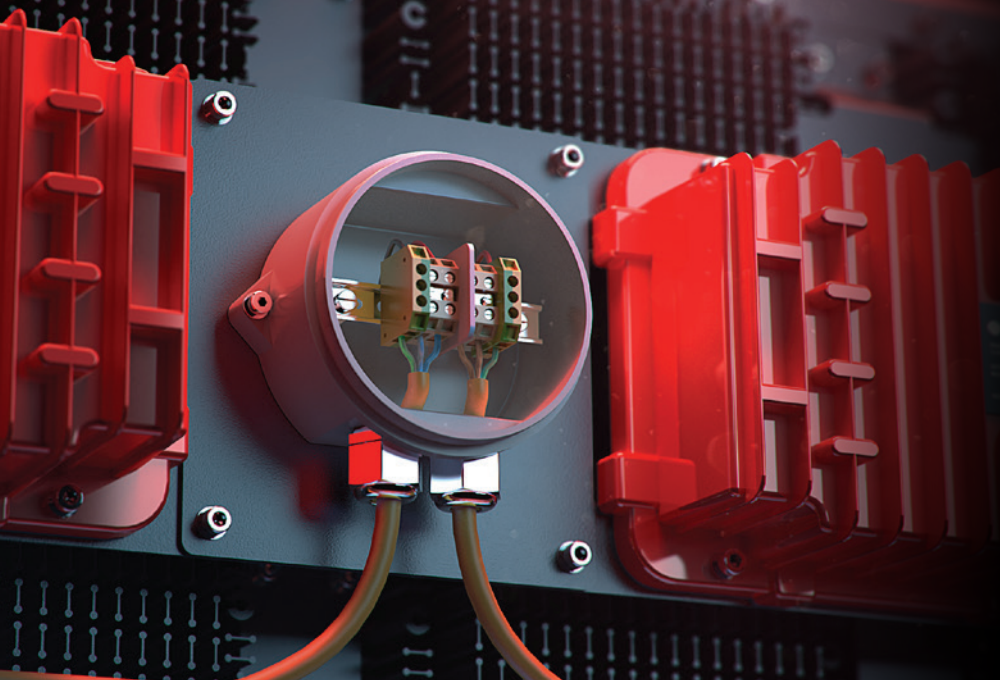
Built for application

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

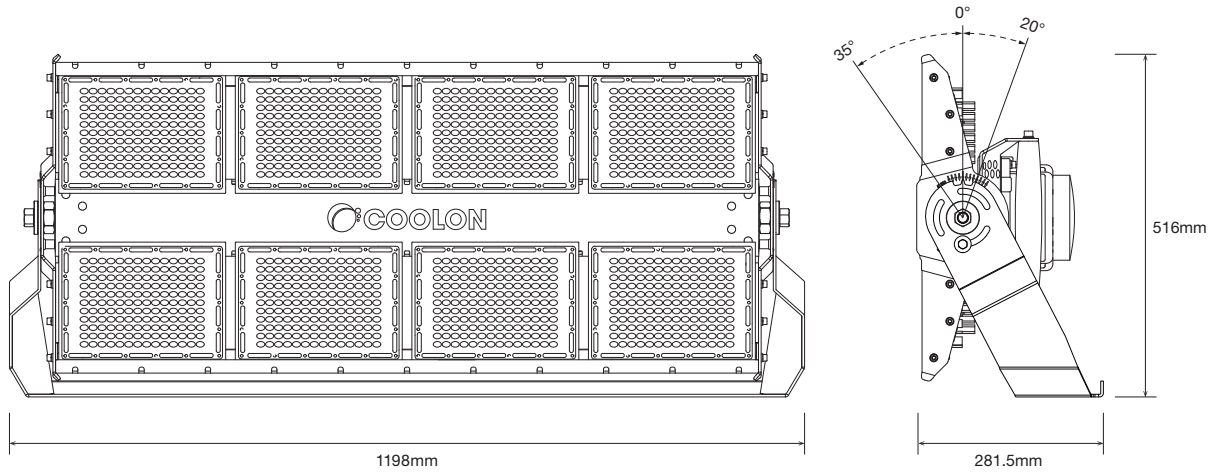
A long-life luminaire deserves a long-life finish. We source the finest alloys and surface treatments to ensure the luminaire provides superior performance all year round in all weather conditions.



PROUDLY MADE IN AUSTRALIA

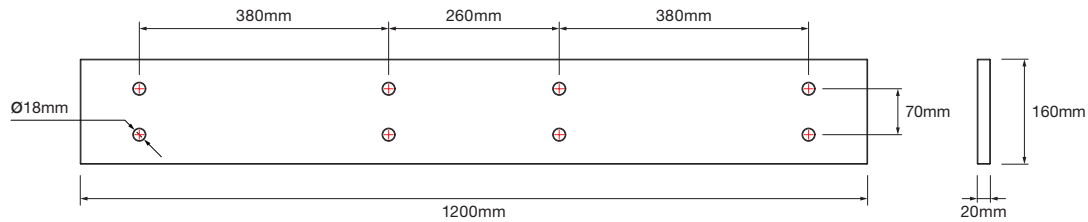
Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

DIMENSIONS



Optional Beam Coupling Plate

ACC-PTA-NB40/50-SPIGOT-GAL (available separately)



TECHNICAL SPECIFICATIONS

Product

Model XBLADE™

Optical Characteristics

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

Electrical Characteristics (Luminaire)

Power Consumption 960W
 Nominal Voltage 230VAC
 Voltage Range MP: 90 – 305VAC / 127 – 431VDC
 WVR: 180 – 528VAC / 254VDC – 747VDC
 Frequency Range 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) PMMA
 Material Composition (Bracket) Stainless Steel 316 (FPB)
 Angle Adjustment +35° / -20° in free steps

Weight/Packaging

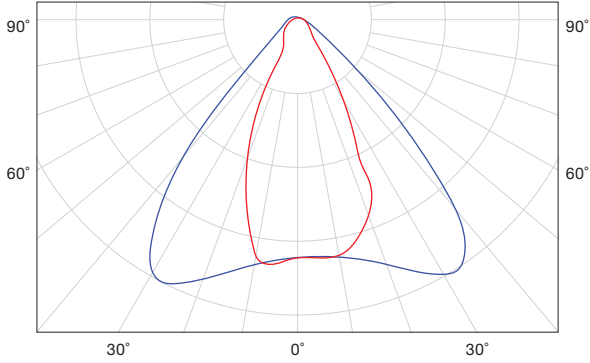
Luminaire Weight 43kg with bracket
 Bracket Weight 13kg
 Luminaire Dimensions L:1121mm x W:550mm x D:229 with bracket
 L:1093mm x W:502mm x D:229 without bracket

Warranty

Warranty 3 years warranty as standard
 5 years extended warranty optional

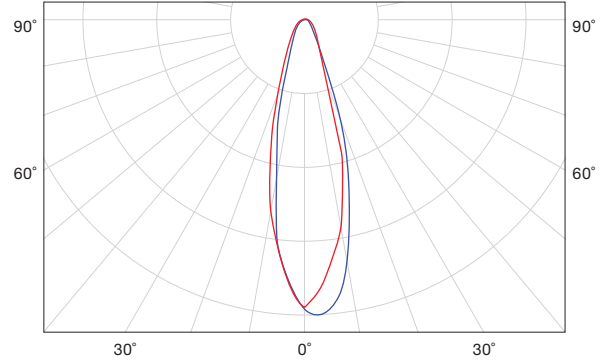
OPTICAL DISTRIBUTION

O60100 Oval Optics



cd/klm — C0 ~ C180 — C90 ~ C270

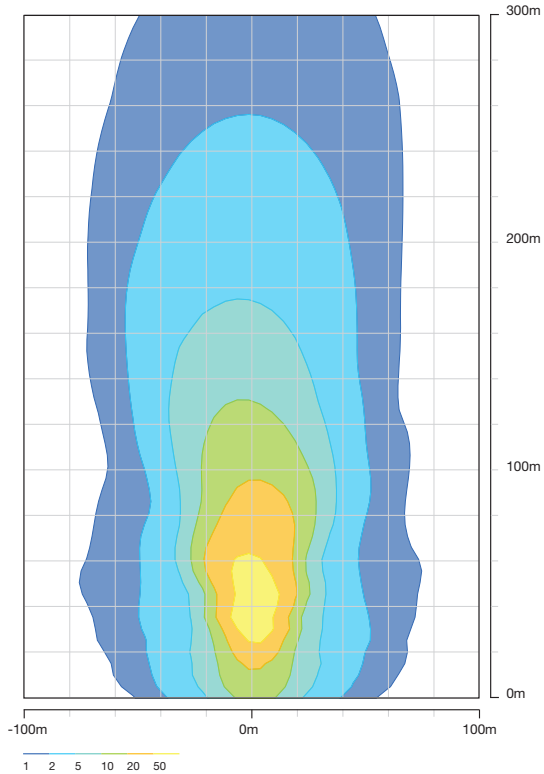
L30 Medium Optics



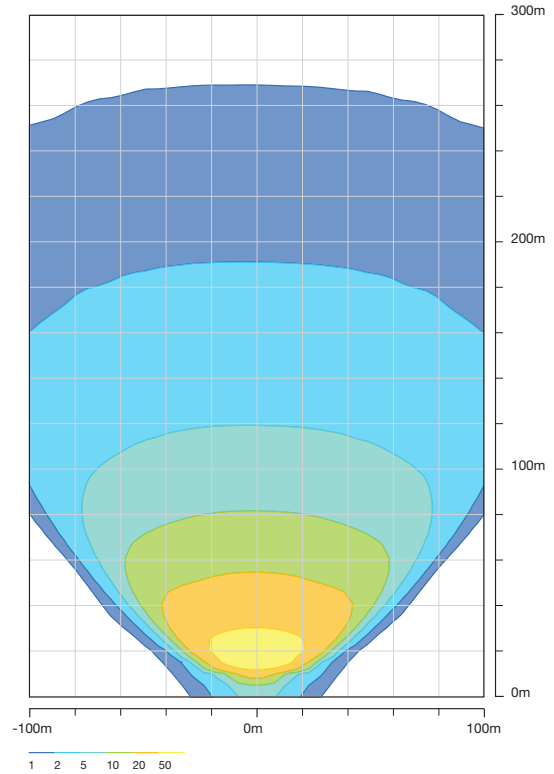
cd/klm — C0 ~ C180 — C90 ~ C270

LUX PLOTS

XBLADE Medium Mounting Height: 20m 72deg



XBLADE Oval Mounting Height: 20m 65deg



ORDERING EXAMPLE

XBLADE - 960 - CWT - O60100 - MP

PRODUCT TYPE COLOUR TEMP OPTICS SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMP	OPTICS	SUPPLY OPTION
XBLADE™	960 960W	CWT Cool White	O60100 Oval Optics	MP Mains Powered
		NWT Neutral White	L30 Medium Optics	MP-WVR Wide Voltage Range
		WWT Warm White		

ASSOCIATED PRODUCTS

PART #	DESCRIPTION
ACC-PTA-NB40/50-SPIGOT-GAL	Optional Beam Coupling Plate