



 COOLON

STATIC RETRO

50W LED Conveyor/Area Light

Designed with unsurpassed reliability in mind, Coolon's Static Retro LED luminaire is suitable for use in mining and other industrial environment where reliability is required under any conditions including heavy vibrations.

Offering many benefits over conventional gas discharge lighting technologies Static Retro LED luminaire is an ideal replacement for commonly found area lighting luminaires along many industrial walkways, tunnels and passageways.

Convenient mount allows for protected cable entry into the luminaire. The Static Retro LED Luminaire is supplied with minimum 3 meters orange circular mains cable fitted.

Coolon's range of industrial LED lighting products come with 3 Years Manufacturer's Warranty.

Designed for use in:

- Conveyor lighting
- General mining lighting
- Foot path and access ways
- Security lighting
- Road lighting





Built to Last

Static Retro LED is engineered to withstand prolonged exposures to vibration and deliver benefits of solid state lighting technology in all conditions.

Proven Performance Over Time

Static Retro LED is one of Coolon's original luminaires. Over the years it has proven its reliability and performance to the Australian mining industry, time and time again.



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 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.



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.



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.

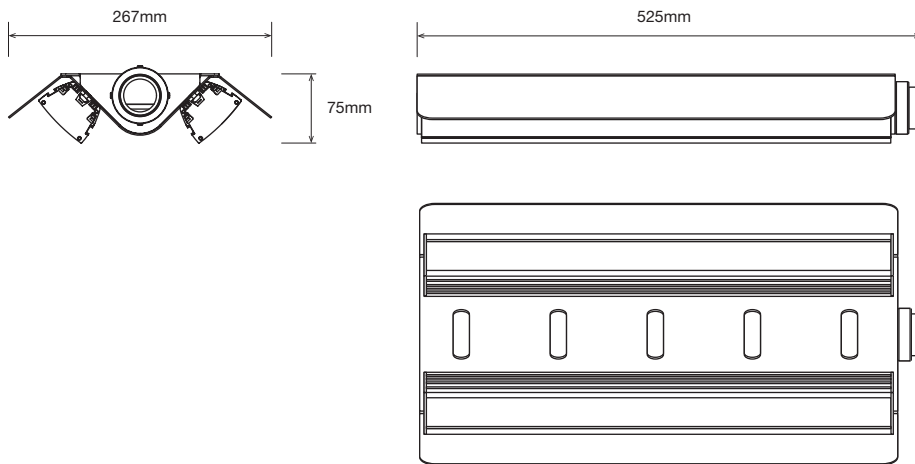


PROUDLY MADE IN AUSTRALIA

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

Static Retro Luminaire



TECHNICAL SPECIFICATIONS

Product

Model	Retro Static Mains Powered (MP)
Luminous Flux (Photometered)	2706 lm
Luminous Flux (Raw)	6231 lm
Power Consumption	50.2W Typical, 56.6W Start
Power Supply (Built In)	Mean Well 24VDC 100W
Current Consumption	0.251A/240VAC
Operating Voltage Range	90-264VAC
Frequency Range	47-63Hz
Leakage Current	<0.75mA/240VAC
IP Rating	IP66
Power Factor	>0.83
Weight	6.9kg
Body	Stainless Steel

Environmental

Max. Operating Voltage	26V
Min. Operating Voltage	23V
Body	Aluminium Alloy (Marine Grade Black Anodised)
Packaging Dimensions	600 x 370 x 110mm
Packaged Weight	7.8kg

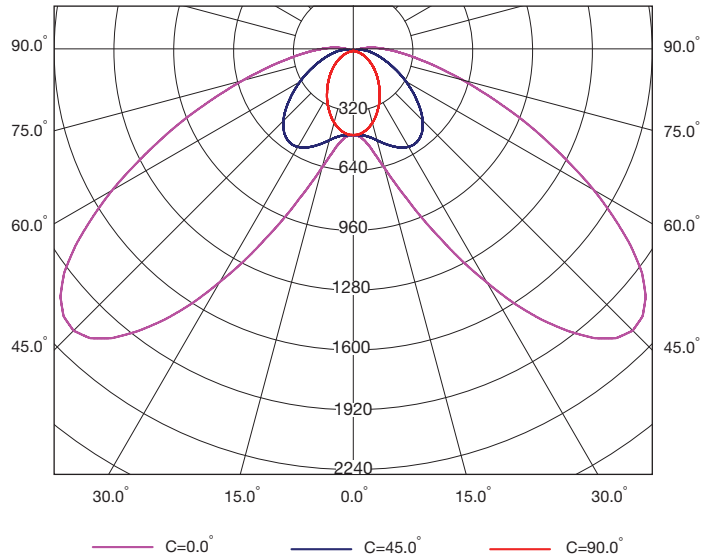
Warranty

Warranty	3 Years
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OPTICAL DISTRIBUTION

LN2M Internal Lens Medium Beam Angle

Zone	Lumens(lm)	Lamp%	Luminaire%
0°-30°	494.7	15.8	15.8
0°-40°	992.3	31.6	31.6
0°-60°	2205	70.3	70.3
0°-90°	3022	96.4	96.4
40°-90°	2030	64.7	64.7
60°-90°	816.9	26.1	26.1
80°-90°	142.2	4.5	4.5
90°-100°	72.70	2.3	2.3
90°-180°	113.8	3.6	3.6
0°-180°	3136	100.0	100.0



ORDERING EXAMPLE

SR24 - W - LN2M - D¹

PRODUCT TYPE OPTICS OPTIONS

TYPE	OPTICS	OPTIONS
W White (5000-7000K Daylight)	LN2M Internal Lens Medium Beam Angle	D Diffused Cover
A Amber (565-665nm) ²		C Clear Cover

¹ If not specified, diffused cover will be supplied

² Relative Emission Intensity at or above 50% of the distribution peak value