



 COOLON

# EYE WASH STATION LED

11W Safety Beacon Light

Made specifically to withstand the harshest industrial conditions, the Eye Wash Station Industrial LED luminaire offers reliable performance that will improve the safety of your work site.

The Eye Wash Station Industrial LED luminaire has been specifically created to replace the existing fluorescent solutions, eliminate the need for constant maintenance and improve the visibility of a typical eyewash indicator luminaire.

An emergency battery backup version is available which allows the unit to continue to run over 2 hours in the event of a power outage.

#### Designed for use in:

- Green Eye Wash Lights
- Emergency Eye Wash Lights
- Other Safety Indicators





## In case of emergency


Accidents happen, and in some cases an eye wash station can be a life-line for the victim. Action needs to be taken immediately in order to avoid permanent damage. Emergency equipment must therefore be highly reliable. The Eye Wash LED is the most reliable indicator luminaire for those demanding applications.

## Retro-fit installation

Eye Wash LED has been specifically designed to fit onto an industry standard spigot mount. The quick and easy retrofit design ensures that upgrade costs are minimized.



**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.

**LONG USEFUL OPERATING LIFE**

**L70**

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.

**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.

**3 YEARS FACTORY WARRANTY**

**3 YEARS**

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.

**UNRESTRICTED BURNING POSITION**




Coolon's LED luminaires can be positioned and oriented in any desired way without affecting the lifespan of the product. This gives greater flexibility when it comes to aiming angles and orientation.

**HIGH IP RATING - IP66**

**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.

**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.

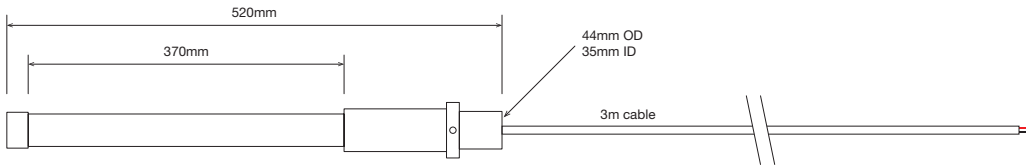
**PROUDLY MADE IN AUSTRALIA**



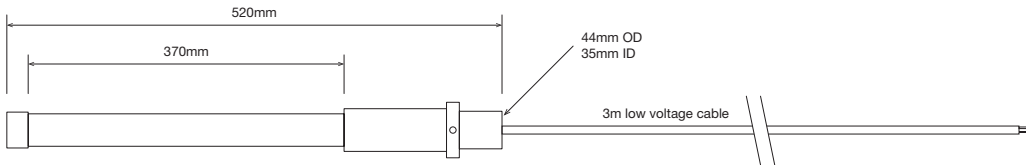
Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

## DIMENSIONS

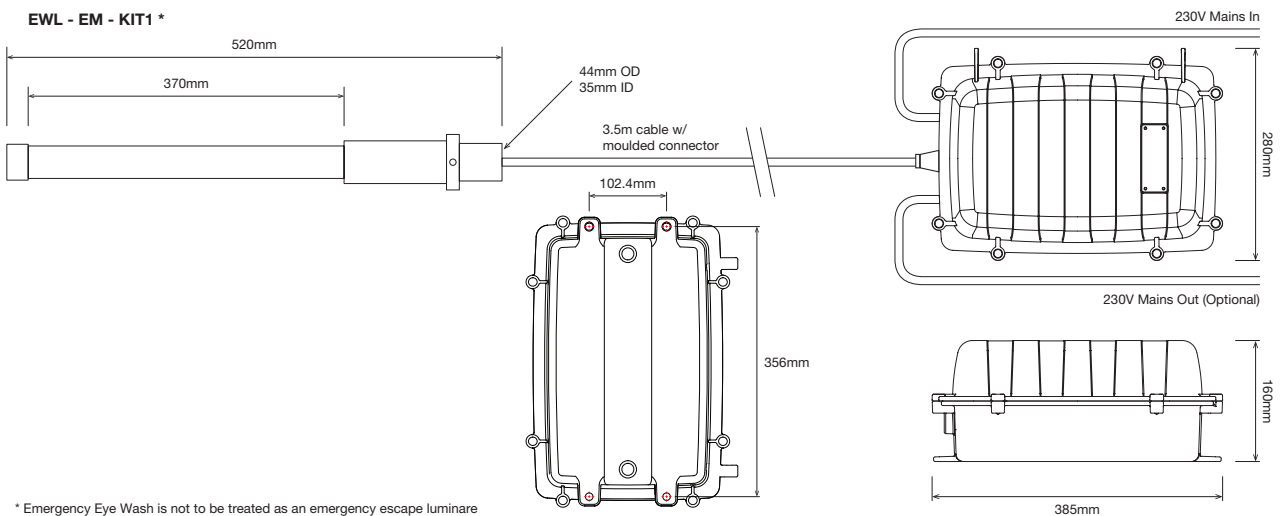
### EWL - MP



### EWL - ELV



### EWL - EM - KIT1 \*



\* Emergency Eye Wash is not to be treated as an emergency escape luminaire

## TECHNICAL SPECIFICATIONS

Product		
Model	EWL-GRN-MP	EWL-GRN-ELV
<b>Optical Characteristics</b>		
Luminous Flux (Photometered)	350 lm	350 lm
Luminous Flux (LED Lumens)	580 lm	580 lm
CCT	532nm (Green)	532nm (Green)
CRI	N/A	N/A
<b>Electrical Characteristics (Luminaire)</b>		
Power Consumption	11W	9.6W
Nominal Voltage	230VAC	24VDC
Voltage Range	180 – 255VAC	23 – 26VDC
Frequency Range	47 – 63Hz	N/A
Power Factor	>0.8 / 230VAC	N/A
Leakage Current	<0.75mA / 240VAC	N/A
Cable Type	Orange Circular 3 Core Cable 2.5mm <sup>2</sup>	UL2095, 16 AWG x 2C Braid PVC, UV Resistant
Cable Diameter	10 – 12mm	7.5mm
Cable Length	3m	3m

Environmental	
IP Rating	IP66
Impact Rating	IK09
Salt Spray Tested	800 hours
Operating Temp. Range	-20 to +50°C
Thermal Management Type	Active/Continuous
Expected Lifespan	50,000 Hours to 70% Brightness
Material Composition (Body)	SS304
Material Composition (Optics)	Protective Polycarbonate Tube

Emergency (EMP)	
Charge Time	8 hours
Battery Type	SLA Panasonic 12V, 7.2A
Discharge Time	Over 10 hours

Weight/Packaging	
Luminaire Weight	1.42kg   1.32kg
Packaging Dimensions	570 x 370 x 170mm
Packaging Weight	2.00kg

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

## WIRING

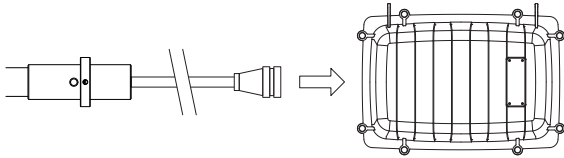
### MAINS VERSION

**Voltage Input:** 100 ~ 240VAC 50/60hz Input



### EMERGENCY VERSION\*

Connect Eye Wash Station LED to Emergency Pack.  
Please see Emergency Pack manual for specific wiring information.



**\*NOTE:** Emergency Eye Wash is not to be treated as an emergency escape luminaire

### LOW VOLTAGE VERSION

**Voltage Input:** 21.5 ~ 26 VDC



**Voltage Input:** 21.5 - 26 VDC

EMP luminaires can be configured to be low voltage units.  
Remove the molded connector to expose the conductors.  
Connect wires as labelled. The white wire can be terminated if brightness control is not needed.



## ORDERING EXAMPLE

**EWL - GRN - MP<sup>1</sup>**

PRODUCT

COLOUR  
TEMP

SUPPLY  
OPTION

PRODUCT	COLOUR TEMP	SUPPLY OPTION
EWL	GRN Green	MP Mains Powered
		ELV Extra Low Voltage Luminaire
		EML Luminaire for Emergency Pack
		EM-KIT1 Kit with AL Emergency Pack
		EM-KIT2 Kit with SS Emergency Pack

<sup>1</sup> If SUPPLY OPTION is not specified, Standard Configuration Mains Powered will be supplied

If SUPPLY OPTION "EM" is specified without kit specification, KIT1 will be supplied

## EWL-EM KIT OPTIONS

KIT	UNIT SUPPLIED	DESCRIPTION
KIT1	EWL - GRN - EML	EWL Luminaire for Emergency Pack
	EMP-724-036AL	Emergency Pack Aluminium Enclosure
KIT2	EWL - GRN - EML	EWL Luminaire for Emergency Pack
	EMP-724-093SS	Emergency Pack Stainless Steel Enclosure