



 COOLON

# EYE WASH STATION LED

11W Safety Beacon Light

Ultra bright, green safety indicator for eye wash stations

Eye Wash Station Industrial LED luminaire provides a super high visibility light to help identify eye wash stations even when eyesight has been compromised.

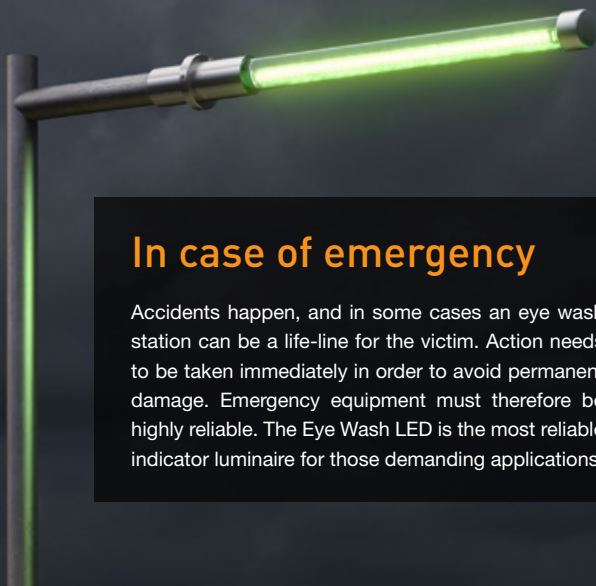
Specifically created to replace the existing fluorescent solutions, eliminate the need for constant maintenance and improve the visibility of a typical eyewash indicator luminaire.

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

 DESIGNED &  
MANUFACTURED  
IN AUSTRALIA



## 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.



### 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.



### LONG USEFUL OPERATING LIFE

At Coolon we believe the lifetime of a luminaire is so much more than just the LED's. Coolon product lifetime takes the entire luminaire into consideration and each product is backed by a comprehensive warranty – that's the Coolon confidence.



### 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.



### 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.

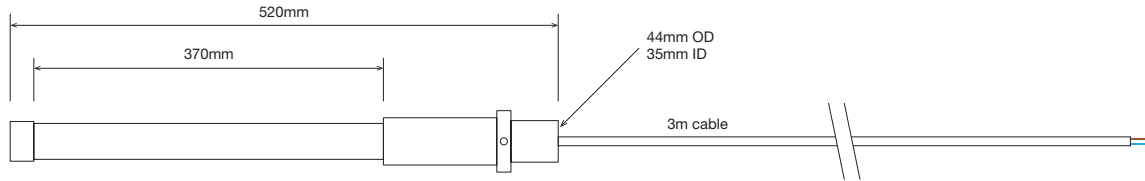


### PROUDLY MADE IN AUSTRALIA

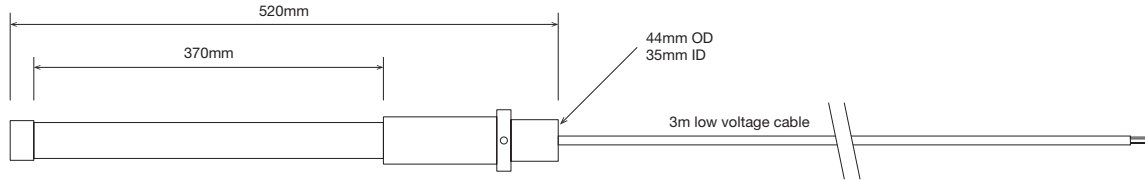
Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

## DIMENSIONS

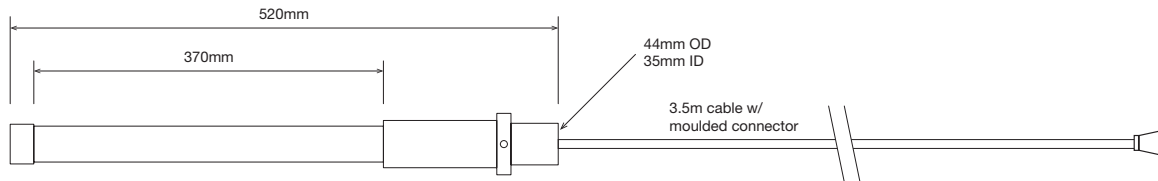
### EWL - MP



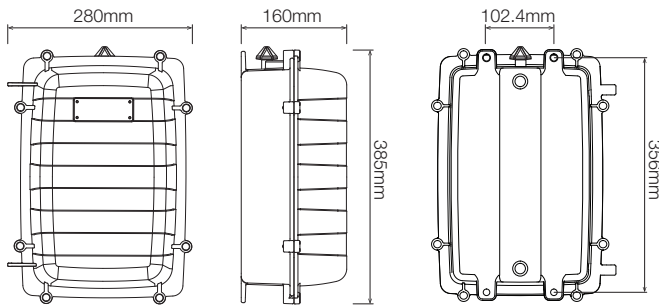
### EWL - ELV



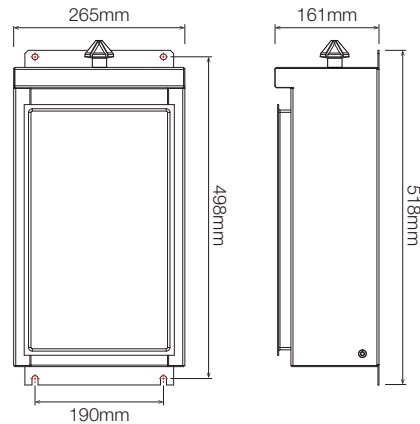
### EWL - EML



036AL Aluminium Enclosure



093SS Stainless Steel Enclosure



## TECHNICAL SPECIFICATIONS

Product	Eye Wash Station LED Safety Beacon Light	
Model	EWL-GRN-MP	EWL-GRN-ELV
<b>Optical Characteristics</b>		
Luminous Flux (Photometered)	350 lm	350 lm
CCT	GRN	GRN
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 2 Core Cable 2.5mm <sup>2</sup>	UL2095, 16 AWG x 2C Braid PVC, UV Resistant
Cable Diameter	9.5mm	7.5mm
Cable Length	3m	3m

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

<b>Emergency (EMP)</b>	
Charge Time	8 hours
Battery Type	LEAD CRYSTAL®
Discharge Time	Over 10 hours

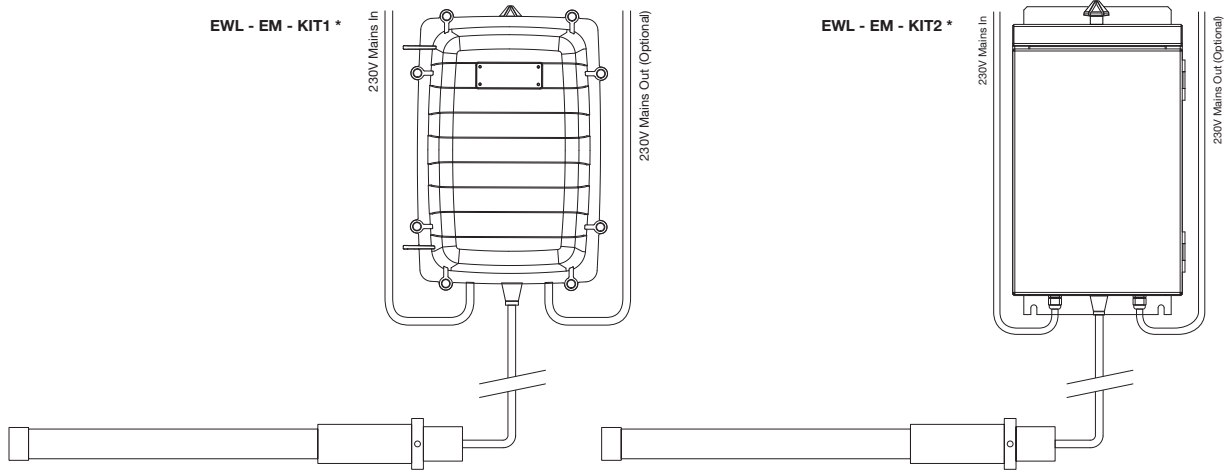
<b>Weight/Packaging</b>		
Luminaire Weight	1.42kg	1.32kg
Packaging Dimensions	570 x 370 x 170mm	
Packaging Weight	2.00kg	

<b>Warranty</b>	
Warranty	3 years warranty as standard 5 years extended warranty optional

<sup>1</sup> Reading taken while test unit operating in steady state. Ambient temperature during testing is typically 25°C. Individual unit behaviour may differ due to electronic component tolerance and ambient conditions. Product parameters and application suitability shall be checked by the user prior to commissioning.

\*EWL-GRN-ELV is designed to be powered from 24VDC regulated power supply only and it is not suitable for mobile plant application and generators.

## KIT CONFIGURATIONS

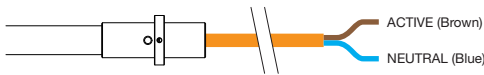


\* Emergency Eye Wash is not to be treated as an emergency escape luminaire

## WIRING

### MAINS VERSION

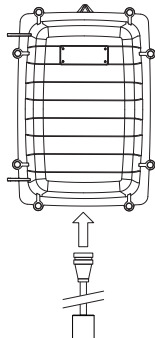
**Voltage Input:** 180 - 255VAC 50/60hz Input



### 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:** 23 - 26VDC



EML luminaires can be configured to be low voltage units. Remove the molded connector to expose the conductors. Connect wires as labelled.



## 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 <sup>2</sup> Kit with AL Emergency Pack
		EM-KIT2 <sup>2</sup> Kit with SS Emergency Pack

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

<sup>2</sup> 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