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
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**
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**
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**
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**

520mm

370mm

44mm OD

35mm ID

3m cable

**EWL - ELV**

520mm

370mm

44mm OD

35mm ID

3m low voltage cable

**EWL - EML**

520mm

370mm

44mm OD

35mm ID

3.5m cable w/ moulded connector

036AL Aluminium Enclosure

093SS Stainless Steel Enclosure

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product</th>
<th>Eye Wash Station LED Safety Beacon Light</th>
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<tbody>
<tr>
<td>Model</td>
<td>EWL-GRN-MP, EWL-GRN-ELV</td>
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</table>

**Optical Characteristics**

- Luminous Flux (Photometered): 350 lm, 350 lm
- CCT: GRN, GRN
- CRI: N/A, N/A

**Electrical Characteristics (Luminaire)**

- 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 2.5mm², UL2099, 16 AWG x 2C Braid PVC, UV Resistant
- Cable Diameter: 9.5mm, 7.5mm
- Cable Length: 3m, 3m

**Environmental**

- IP Rating: IP65
- Impact Rating: IK09
- Salt Spray Test: 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

**Emergency (EMP)**

- Charge Time: 8 hours
- Battery Type: LEAD CRYSTAL®
- Discharge Time: Over 10 hours

**Weight/Packaging**

- Luminaires 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

1 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.
**KIT CONFIGURATIONS**

**ORDERING EXAMPLE**

**EWL - GRN - **1

**WIRING**

**MAINS VERSION**
Voltage Input: 180 - 255VAC 50/60Hz Input

**LOW VOLTAGE VERSION**
Voltage Input: 23 - 26VDC

**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

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**EWL-EM KIT OPTIONS**

<table>
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<tr>
<th>KIT</th>
<th>UNIT SUPPLIED</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIT1</td>
<td>EWL - GRN - EML</td>
<td>EWL Luminaire for Emergency Pack EMP-724-085AL Emergency Pack Aluminum Enclosure</td>
</tr>
</tbody>
</table>

1 If SUPPLY OPTION is not specified, Standard Configuration Mains Powered will be supplied
2 If SUPPLY OPTION “EM” is specified without kit specification, KIT1 will be supplied

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