

EYE WASH STATION

INDUSTRIAL LED LUMINAIRE



APPLICATIONS

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.

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

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.

TECHNICAL SPECIFICATIONS

Standard Version

Luminous Flux	300-400lm
Power Consumption (Including Power Supply)	11W Max
Operating Voltage	24VDC
Operating Temp. Range	-40°C +55°C
Wavelength	532nm (Green)
IP Rating	IP67
Body	SS304 and Polycarbonate Tube
Mounting	Spigot Mount (34mm)

Standard Version Power Supply (External)

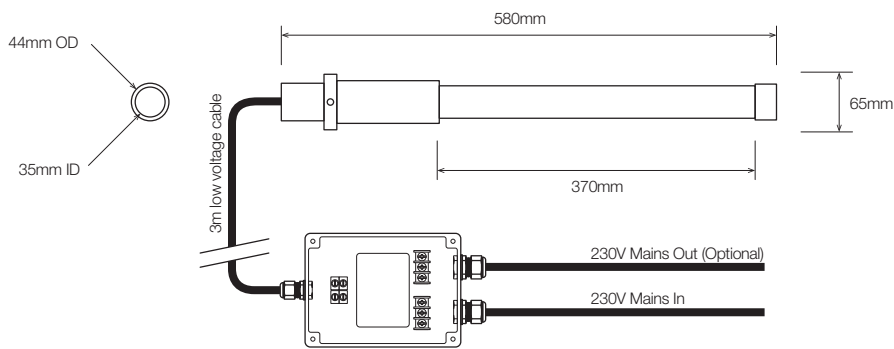
Input Voltage	85-264VAC 120-370VDC
Operating Temp. Range	-20°C +50°C
IP Rating	IP66

Emergency Version

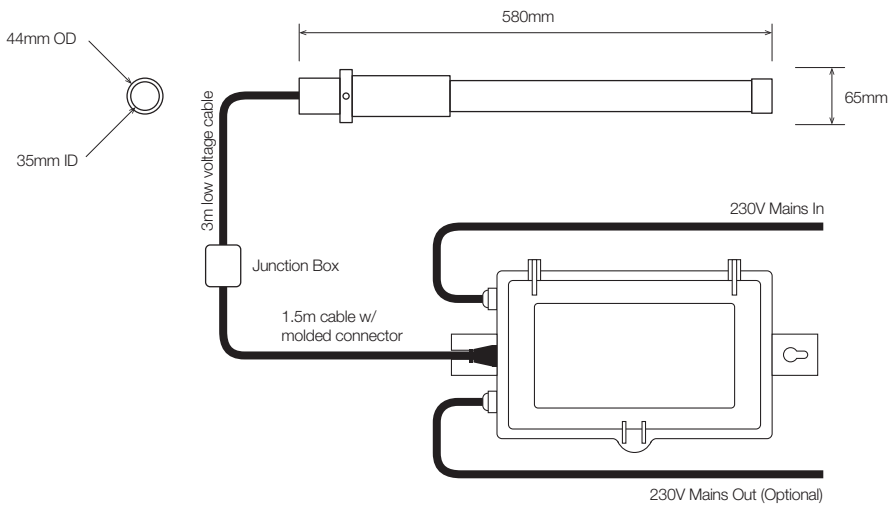
Luminous Flux	300-400lm
Power Consumption	
Rapid charging w/ Light ON	<180W
Rapid charging w/ Light OFF	<160W
Battery fully charged	<20W
Operating Voltage	24VDC
Operating Temp. Range	-40°C +55°C
Wavelength	532nm (Green)
Charge Time	2 hours - 70% 20 hours - 90%
Battery Type	Sealed Lead Acid
Emergency Discharge Time	Over 2 hours
IP Rating	IP67
Body	SS304 and Polycarbonate Tube
Mounting	Spigot Mount (34mm)

DIMENSIONS

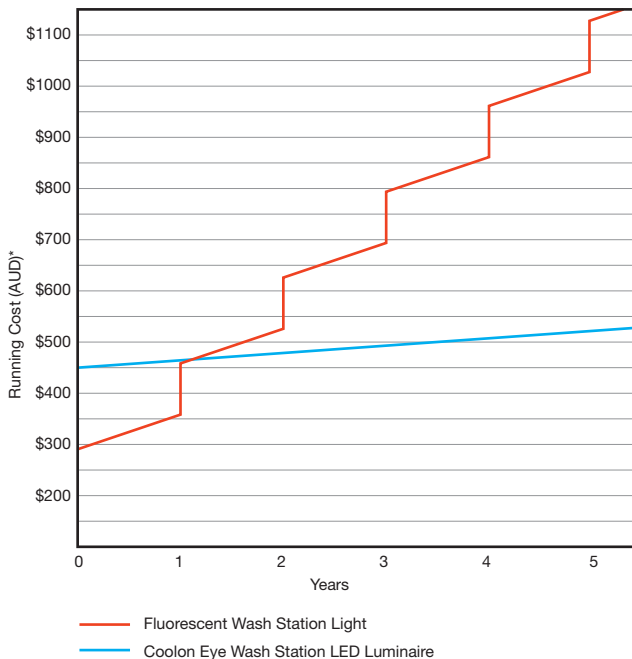
Standard Version



Emergency Version



RUNNING COST COMPARISON OF EYE WASH STATION LED (STANDARD VERSION) AND FLUORESCENT LIGHTS



	Fluorescent Wash Station Light	Coolon Eye Wash Station LED Luminaire
Initial Unit Cost	\$290	\$450
Light Source	2 x 18W	2 x Nichia 1895
Watts	43	9.5
Cost/Kwh	\$0.18	\$0.18
Operating Hours per day	24	24
Maintenance	\$100	N/A
Re Lamp Freq per annum	1	N/A
Total Running Cost over 5 years	\$1129.01	\$524.90

Standard Fluorescent Lamp data is based on information gathered from electricians in the mining industry. Taking into account lamp cost, authority to work, job hazard analysis, notification of works, works order, travel time to site and actual labour, it has been determined that the cost of relamping Fluorescent fixtures is in excess of \$100 each.