



EXTRA LOW VOLTAGE EMP KIT

35W Mobile Plant Emergency Lighting Kit



LOW SUSCEPTIBILITY TO VIBRATION

The Emergency Pack is designed to handle continuous exposure to vibration. Designed specifically to be mounted away from the luminaire to minimize the weight of the luminaire and effects of mechanical shock and vibration.



EXTENSIVE FACTORY WARRANTY

Coolon Products are covered by a comprehensible manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.



INDUSTRIAL GRADE FINISHINGS

We source the finest alloys and surface treatments to ensure our product provides superior performance all year round in all weather conditions.

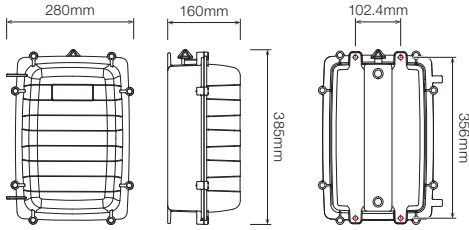


PROUDLY MADE IN AUSTRALIA

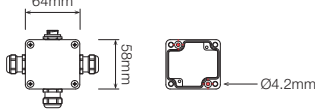
Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

DIMENSIONS

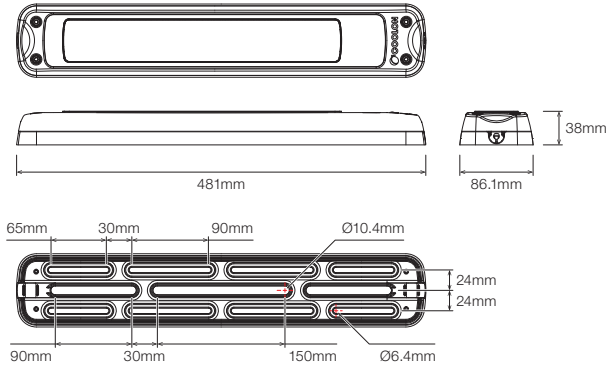
Emergency Pack - Extra Low Voltage



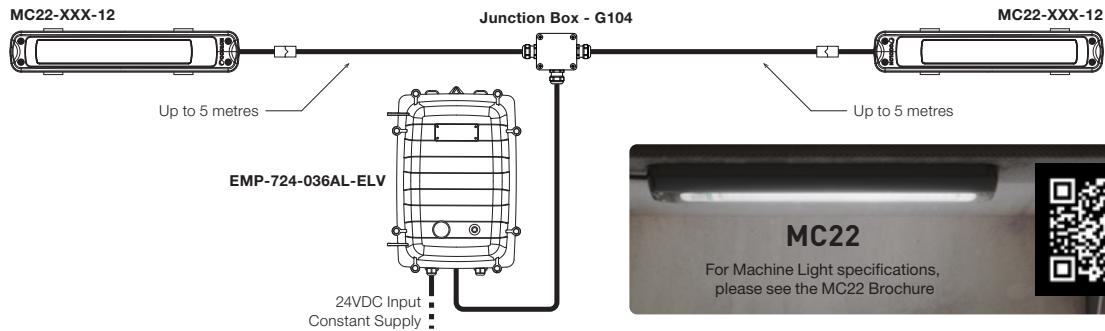
Junction Box - G104



Machine Light



CONFIGURATION



TECHNICAL SPECIFICATIONS (EMP-ELV)

Product	Emergency Pack Extra Low Voltage
Model	EMP-724-036AL-ELV
Electrical Characteristics	
Power	~35W at 24VDC
Input	20 – 29 VDC
Cable Gland Diameter	10 – 12mm
Charge Time	16 hours
Battery Type	LEAD CRYSTAL®
Battery Capacity	12V 7.2Ah / 20HR
Number of Batteries per Unit	2
Environmental Characteristics	
IP Rating	IP54 EMP / IP66 MC22
Salt Spray Tested	Yes
Operating Temp. Range¹	0 to +50°C
Material Composition (Body)	LM6 Aluminium Alloy (<0.1% copper content)
Weight/Packaging (EMP)	
Unit Weight	10kg
Packaging Weight	10.2kg
Packaging Dimensions	400 x 280 x 180mm

Weight/Packaging (MC22)

Packaging Weight	1.6kg
Packaging Dimensions	500 x 90 x 50mm

Weight/Packaging (Accessories)

Packaging Weight	2kg
Packaging Dimensions	285 x 285 x 140mm

Warranty

Control Gear	3 Years
Batteries	1 Year

Storage

Temperature	0 to +45°C
Shelf Life	up to 12 months @ 20±5°C*

Note

¹ Units exposed to direct sunlight can reach temperatures above 50°C. Ensure in field units are shielded from direct sunlight.

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.

*Shelf life time with Battery Switch in OFF position is defined as time since product dispatch from Coolon, or since last charge cycle.

ORDERING EXAMPLE

EMP - ELV - 2 - WWT - KIT

PRODUCT SUPPLY OPTION LUMINAIRE COLOUR TEMP COMBO TYPE

PRODUCT	SUPPLY OPTION	LUMINAIRE SUPPLIED	COLOUR TEMP	COMBO TYPE
EMP	ELV Extra Low Voltage	2 2 x MC22 units	WWT Warm White AMB Amber	KIT See Kit Items for inclusions

EMP-ELV-2-XXX-KIT ITEMS

KIT	UNIT SUPPLIED	DESCRIPTION
KIT	1 x EMP-724-036AL-ELV	Mobile Plant Emergency Pack, 24VDC Input, 036AL Enclosure, Extra Low Voltage
	2 x MC22-XXX-12	Machine Light LED Luminaire, 20W, 12V
	2 x ACC-MC22-LOOM-5-DT062S	MC22 extension loom, 5m long, fitted with DT06-2S connector
	1 x ACC-EM-LOOM	EM Loom with molded connector, 3 Core, 3.5m
	1 x G104BK-MC-HV-3M16	3 Way Junction Box