

# ELV | lite

**Safer, Faster, Simpler**  
extra low voltage  
solution for  
**Temporary Lighting**

# ELV or 240V?

ELV|lite

Traditional  
240V

## SAFETY

Safe working voltage (<50Volts) significantly reducing the risk of dangerous electric shock.



## RELIABILITY

Prefabricated, moulded plugs and pre-enabled fittings that are all assembled and tested in a factory environment.



## SPEED

Plug and play quick connect modular wiring solution makes installation onsite significantly faster.



## FLEXIBILITY

Lighting needs on a construction site are regularly changing due to building stages (eg walls being erected etc.) a modular ELV solution makes changes onsite faster, simpler and safer.



## REUSE + RECYCLE

The ELV-Lite solutions are designed to be easily installed and uninstalled, packed up and re-used on future projects.



## NO WASTE

Using modular leads means there is no waste during install and more importantly no waste when being removed. In comparison wiring for traditional methods is removed and scrapped or binned, not reused.



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It's as  
easy as  
1, 2, 3...

1. Select the **SUPPLY**  
to suit your project



2. Choose how you  
want to **CONNECT**  
your install



+



3. Pick the light  
fittings you'll use to  
**ILLUMINATE** your site



+



**ELV|lite**

# Supply

The safest temporary solution **all starts with the supply board**. Our boards have been designed and **developed here in Australia** specifically for our market.

Operating input voltage of 190 to 260VAC with **regulated 46 Volt SELV output.**

## Superior safety

with 3 Layers of protection:

- Over voltage and under voltage
- Over load
- Thermal

**LED display** with control incl. emergency lighting test timer.

Supports up to **30 fittings per board.**

Smaller supply boards also available for smaller areas.

ELV\_G2/TLCB-1000VA



**ELV|lite**

# Connect

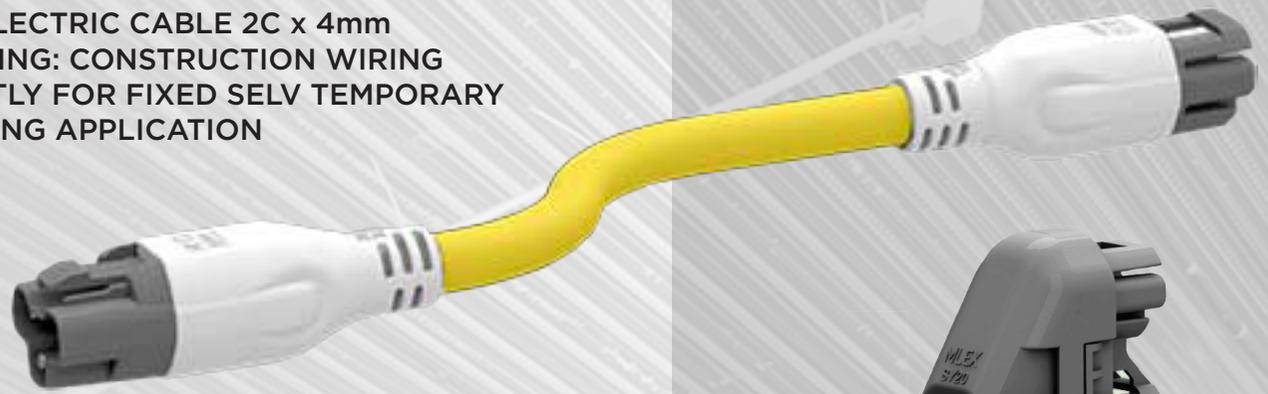
“

Our ELV-Lite solution utilises the **best connectors** and cable on the market delivering a high quality installation that is **reusable, flexible and fast.**

”

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V90 ELECTRIC CABLE 2C x 4mm  
WARNING: CONSTRUCTION WIRING  
STRICTLY FOR FIXED SELV TEMPORARY  
LIGHTING APPLICATION



## ELV LEADS

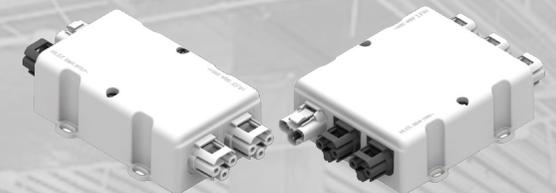
**Made in Australia** using market leading, MLEX over-moulded connectors for **ultimate durability** and a 2C, 4mm<sup>2</sup> Australian Made, **certified cable** for superior performance.

- Yellow Pre-labeled Sheath to Eliminate Taping Onsite
- Supplied in SM + IOM options
- Integrates with MLEX ELV accessories shown here for fast, simple installation and distribution onsite.



### 'Y' Pieces

One in, two out ELV distribution block for connection of light fittings or splitting of circuit.



### Modular SB Boxes

ELV 4 Pole (one in three out) or 6 Pole (one in five out) marshalling box/distribution block.



### Rewirable Modules

Rewirable male and female outlets which can be used to make leads onsite in case of emergency using off the shelf cables.

# Illuminate

“ We have partnered with **market leading LED manufacturers** to develop dedicated 46VAC light fittings so we can deliver the **ultimate turnkey ELV solutions** for our customers. ”



**ELV\_G2/25W.1200\_IP65, 45Volt 25Watt**  
1200mm IP65 LED Light Fitting

**2,500 LUMENS** in standard operations



**ELV\_G2/25W.1200\_IP65-MS, 45Volt 25Watt**  
1200mm IP65 LED Light Fitting with Microwave Sensing so it only operates when someone is present.

**33%** in power savings



**ELV\_G2/25W.1200\_IP65-EM1200LM, 45Volt 25Watt 1200mm IP65**  
**Emergency LED Light** Fitting (1200Lm in Emergency Operation which is up to 3 x most emergency fittings on the market)

**1,200 LUMENS** in emergency operations



We have emergency exit light fitting that have been specifically designed to integrate directly into my modular ELV system for simpler installation on site.

# Illuminate

“

We have partnered with **market leading LED manufacturers** to develop dedicated 46VAC light fittings so we can deliver the **ultimate turnkey ELV solutions** for our customers.”

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## ELV\_G2/SOW.Flood\_IP65, 46 Volt 50 Watt LED Flood Light

50W ELV IP 66 flood light fitting has been developed specifically for temporary construction projects and to be used in conjunction with the MyModular ELV-Lite solution.

This fitting is also available with mounting stand in various configurations.

### Technical Specifications

Parameter	Description
Lumen Output (Standard)	>6,000 lm
Lumen Output (Emergency)	N/A
Colour Temperature	5000K
Beam Angle	120 °
Sensing	N/A
Body + Diffuser Material	Aluminium Body with Glass Diffuser
Installation	Surface Mounted
Supply Voltage	36-48V AC
Supply Current	0.2A
Input Power	50W
IP Rating	IP66
Warranty	2 Years



**6,000 LUMENS** in standard operations

# Accessories

The key advantages with our ELV solutions other than being safer is the **efficiency in which they can be installed, layouts modified** and be **removed** at the end of the project as well as the fact they can be **used again and again on future projects.**

This being the case we are always looking at ways to add to this including the below products:



### **ELV \_SKID TypeA**

1200mm x 1200mm skid with mounting position for control board + temp. power board and storage for 30 x fittings + leads + accessories.

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# Support

To ensure we can support you on your projects all around Australia we have **partnered with SAGE Service**, who are a premium national service provider with **offices in all major capitals of Australia.**

With their team of **experienced technicians** working closely with our engineers and project managers means **there is no issue we cant resolve.**



**ELV** | lite

**my** modular™  
Innovation that connects

 **SAGE**  
*Automation*

# Results

“ The **efficiency** and **simplicity** of the system has provided us with both a **solution** and an **investment**. ”

*Stowe Australia*



**SAFE  
WIRING**



**FAST  
INSTALLATION**



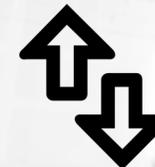
**TIME  
SAVING**



**RE-USE  
PRODUCTS**



**EFFICIENT  
LED'S**



**INSTALL  
FLEXIBILITY**

**ELV|lite**

# ELV | lite

We constantly  
challenge why  
electrical needs to  
be **so difficult!**