



## SMART SAFETY LIGHTING SYSTEM

THE SAFE EXTRA LOW VOLTAGE TEMPORARY LIGHTING SYSTEM



2012 Finalist

NSCA/GIO National Safety Awards of Excellence



20TH ANNUAL  
NATIONAL SAFETY AWARDS  
OF EXCELLENCE

Finalist 2011  
2012  
WorkCover NSW  
SafeWork AWARDS

## Totally Safe

By using 24v extra low voltage, we are able to eliminate the risk of electrocution.

## Energy Efficient

By using energy efficient LED's and motion detection, the system reduces site running costs and carbon footprint.

## Compliant

All products comply to the Australian Construction Standards AS3012

## Add & Remove Lights Live

Add & remove lights at any time limiting the need for site down time.

# The Benefits

## Innovative Backup

Selected systems have a centrally supplied battery backup to provide light to site during power shut downs.

## No Test & Tag

Extra low voltage lights means no need to test & tag.

## No Glass or Mercury

Due to the use of LED's, there is no glass or mercury in any of our lights.

## No Maintenance Costs

When using our rental option, we take care of it all. If there is a break or damage, we are only a call away!

## Award Winning Design

Highly Commended at the NSCA Safety Awards of Excellence in 2012 and Finalist at the Work Cover Safe Work Awards in 2011 & 2012.

## Cost Effective

Rental and purchase options available.

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## Smart Safety Light & Emergency Smart Safety Light



- Energy efficient LED light - 33W
- Extra low voltage - 24V
- Emergency light with battery backup compliant to AS3012
- Made from polycarbonate plastic, making the fitting light weight, durable & reusable
- Single chip LED emergency, average of 20 Lux at 5m spacing on emergency
- No glass or mercury
- Weatherproof

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## Smart Low Bay & Emergency Smart Low Bay



- Extra low voltage - 24V
- 60 watts, 120 degree beam angle
- Ideal for high ceilings, tunnels, walkways & construction sites
- Single fixing support
- Emergency option with battery backup compliant to AS3012
- Average of 20 Lux at 7m spacing on emergency back up
- Compact design
- No glass or mercury
- Weatherproof

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## Smart High Bay



- Extra low voltage - 24V
- 60 watts, 360 degree beam angle, IP65
- Ideal for high ceilings, tunnels, walkways & construction sites
- Single fixing support
- No glass or mercury
- Weatherproof

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## Smart Flood Light



- Available wattages: 20W, 30W, 50W, 140W & 200W
- Extra low voltage - 24V
- IP65 weatherproof
- 1.5m stand available
- Ideal for task lighting
- Portable battery system available
- No glass or mercury

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## Smart Control Unit



- Emergency push button test switch to comply to A2293
- Centrally supplied system
- Weatherproof
- Three types of systems available:
  - Battery Backup Control Unit
  - Non-Battery Backup Control Unit
  - High Bay Control Unit





## Lead and Connector

- Plug & play
- Add, move or change lights live
- Standard 5m & 10m lengths
- Quick connect T connectors
- Limits site down time
- Supplied with construction wiring tape



## Notification Signage

- Exit sign compliant to AS3012
- Includes stand-alone emergency battery back up
- Nurse call notification signage with battery back up
- Fire extinguisher notification signage with battery back up
- Customised signage available



## Motion Detection

- When motion is detected the sensor will activate the lights for 1 hour
- Reduces energy by approximately 73% over a T8 fluorescent
- Plugs into our system anywhere in the wiring loom
- No limit to the number of sensors per system



## Control Unit Stands

- Durable
- High visibility yellow
- Smart Control Unit Stands
- Suits 4 control boards per stand running up to 100 light fittings
- Designed to accommodate temporary power boards



## Battery Backup Shutdown Boards

- System run times are customised to suit each site shutdown, (for example, 12 lights for 6 hours)
- System automatically switches from mains to battery power
- Batteries stay at optimum level until shutdown
- System is supplied with transportation trolley

## Background

The Smart Safety Lighting system is an innovative and patented extra low voltage LED solution, that has become the product of choice when it comes to ambient, and task lighting by builders, project managers, electricians, and all trades on site.

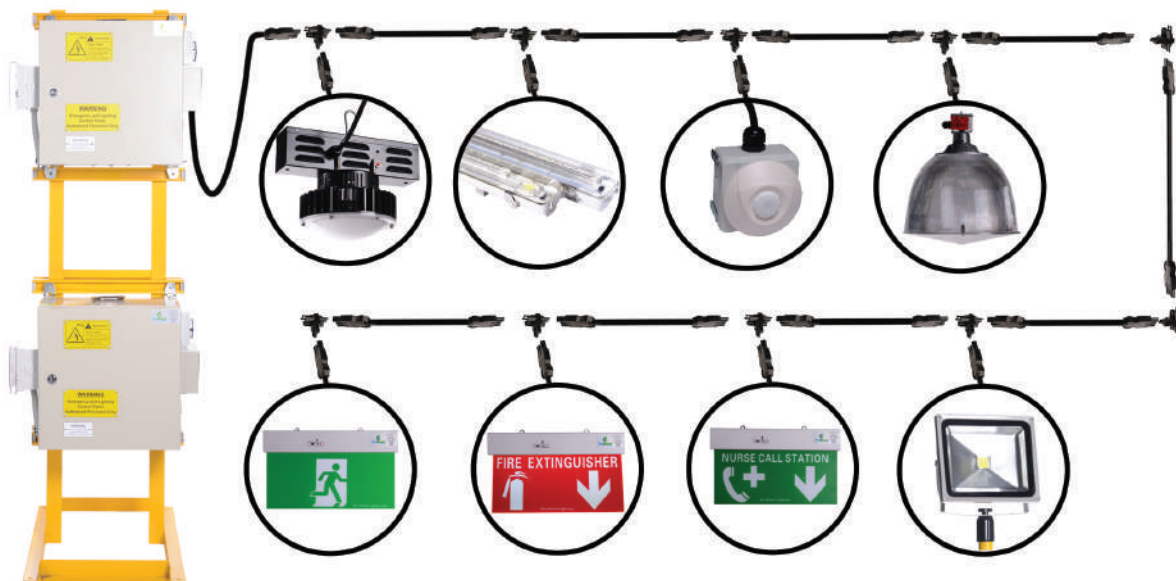
Through the use of high powered LEDs, a custom designed control system and soft wiring, Eco Smart Lighting has manufactured a temporary lighting system that is safe, quick to install and easy to use.

The safety, environmental, productivity and financial benefits that are achieved through the use of the system are the reasons Eco Smart Lighting products are used on construction sites, tunnels, walkways, and fit-outs throughout Australia.

## How the system works

The Smart Safety Lighting system operates from a centrally supplied control unit that reticulates 24v extra low voltage to our specially designed light fittings.

We use standard 5m or 10m soft wiring leads to connect each light fitting. This allows the installation of each light to be completed in as little as 10 minutes. Adds, moves and changes can be conducted while lighting is still being supplied to the rest of the site. This ensures that the site is always operational, therefore increasing productivity.



## How rental works

Eco Smart Lighting offers a cost effective rental solution.

- 1 No large capital outlay
- 2 Staged delivery and collection on an 'as needed' basis
- 3 No storage costs when they are not being used
- 4 No maintenance costs, with all responsibility falling to Eco Smart Lighting
- 5 All components required are supplied as part of our rental fee - no extra hidden costs!
- 6 Tailored rental prices suited to the individual project
- 7 Product stays up to date ensuring all changes to regulations & standards are met



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