

LED LIGHT SOLUTIONS

Advantages of using LED

No Lamp flickering.

Instant full brightness - No delay.

LED's have lower power consumption than ordinary lamps for the same light output.

LED light is cool to the touch. The light has no heat. The only heat is from the led light housing.

More flexible design. Customised to user specification.

No Ultra Violet or Mercury Radiation - Ideal for food stores.

*Outdoor LED
Floodlight*



LED Conversion of existing Fluorescent Lamps

*Direct
replacement or
open conversion.
Emergency light
operation option.
Choice of Cool
White / Warm
White / Combo
White.*

*Single LED
failure won't
affect rest of light
operation.*

*Use 90-
240VAC controller
/ charger unit or
12VDC operation*



*Aluminium LED Lighting - Aluminium housing
in multiple of 3
12VDC (from single 3Watt to Double 30Watt)*

3 Watts LED Power. 4 Watts total Power

13 Lux at 2.4m & 40-45 Lux at 1m

180 - 240 Lumens Output

12V dc (350mA) or 90-240Vac Optional

Rugged Aluminum Housing (Natural Anodized)

Colours Optional – Standard is Aluminum

Polyurethane epoxy sealed (good for outdoor use)

Ceiling or Wall mountable (flush or surface)

(Cable - side or rear entry)

Mounting Brackets can be Customized

High Power Daylight White LED's (5000-5500

Kelvin)

Viewing Angle - 175 degrees - Other Options

Available

Size - 100L x 52W x 39H (without brackets)



Battery Control Unit

Input voltage 90 – 220VAC

Auto -ON operation after mains fail.

Auto - OFF when mains returns (Charge mode).

Time duration is dependant on size of battery installed - 24 hours from typical 12V 7AH alarm battery.

Day - Night sensor (light only switches on if it is dark enough during power failure). Switches off if it gets light again, saving the battery capacity.

Charge indicator.

Discharge protection during emergency mode (switches off automatically when battery voltage gets too low).

InfraRed remote control operation for ON/OFF control during emergency mode using any available remote control transmitter, normally used for TV / VCR / DVD etc.

Installation is typically done using multiples of these units with one 12V battery together with it's three step switching charger for quick charging.