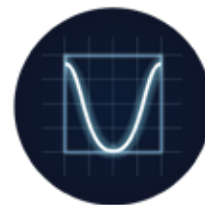


LED EMERGENCY GEAR:

LED UNIVERSE DELTA

CONSTANT CURRENT (2 CELL KIT) CELL



COSINE DEVELOPMENTS
LEADERS IN EMERGENCY LIGHTING

DESCRIPTION

The LED Universe Delta is used for modules or panels or LED tubes with on board LED drivers. It can operate LED's that has a forward voltage of 10 to 300Vdc with internal circuits using low currents.

Please note that loads must be tested for compatibility before use.



TECHNICAL DATA

BATTERY CHARGING TIME	24 hours
DIMENSIONS	140 x 30 x 23mm
MAINS FREQUENCY	50Hz
MAXIMUM CASING TEMPERATURE	tc 70°C
OUTPUT CURRENT	2A (max)
OUTPUT FORWARD VOLTAGE RANGE	10 – 300V
RATED SUPPLY VOLTAGE	110 – 253Vac
IP RATING	IP20

FEATURES

- > Wide forward voltage range of 10 – 300Vdc
- > Available in self-testing option
- > Maintained or non-maintained
- > Constant current (2 cell) kit
- > Li-ion battery compatible
- > 5 year warranty

WIRING DIAGRAM



The LED Universe Delta is compatible with lithium-ion batteries. Lithium-ion batteries offer better efficiency for emergency lighting. The batteries are smaller in size with higher capacity. The LED Universe with lithium-ion batteries can offer longer duration emergency mode with an added advantage of being cost efficient.

The emergency control gear can be installed into the luminaire providing the case temperature does not exceed 55°C when using lithium-ion batteries. If the emergency control gear cannot fit into the Luminaire, due to size or temperature, the emergency control gear can be supplied in a remote box.