



Input Parameters

Input Voltage Range	220-240 Vac
Input Current	<0.01A
Power Factor	> 0.32
Frequency	50Hz
Ambient Temperature	40C
Ambient Temperature	0-40C
Class	II
Maximum Input Power (While Charging Battery)	2.5W
Average Input Power (Not Charging Battery)	0.6W

Emergency Parameters

Emergency Duration	180minutes
Battery Code(s)	zc-batt-1B1-ACA
Battery Type	LiFePO4
Input Battery Voltage	2.0-4.0 Vdc
Output Battery Voltage	2.0-3.65 Vdc
Input Battery Current	250mA
Output Battery Current	0.15a
Charging Time	24 hours
Emergency Output Power	1.6 W

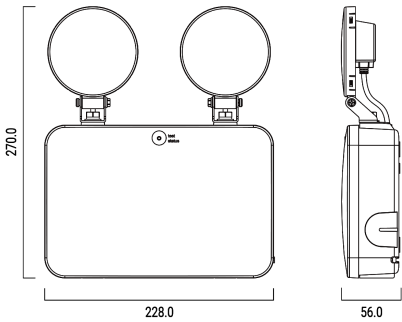
Mechanical

Material	Polycarbonate
Product Colour	RAL9003
Wiring Type	Push Terminal Block (0.5-2.5mm2)
Mounting	Wall Mount
Ingress Protection	IP65
Product Dimension Length	228mm
Product Dimension Height	270mm
Product Dimension Width	56mm

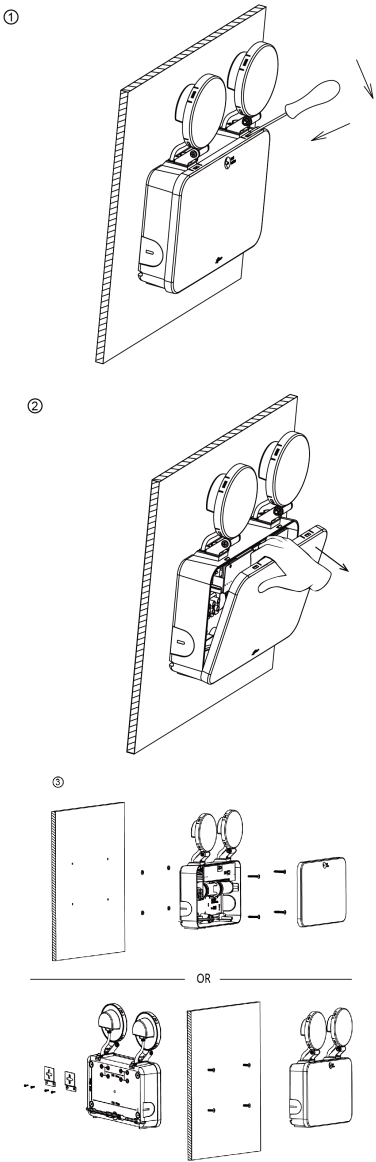
Standards

IEC 60598-1	Yes
IEC 60598-2-22	Yes
IEC 62034	Yes

Product Line Drawing



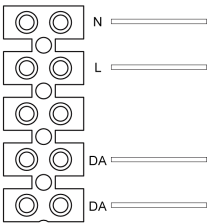
Product Install Picture




Wiring Diagram

Required Safety Warnings

- This product must only be installed by a licensed electrician.
  - Before commencing installation turn off and isolate the electrical supply
  - Risk of accidental contact with live parts. Do not energise with product open or disassembled.
  - The only replaceable part is the battery
  - Do not attempt to service other parts of the fitting as this will void the warranty.
  - After installation allow the battery to charge for 24 hours before carrying out discharge testing.
  - WARNING: ALL MAINTENANCE, SUCH AS BATTERY CHANGE ON THIS LUMINAIRE, TO BE PERFORMED BY QUALIFIED PERSONNEL ONLY.
- DE-ENERGISE ALL SUPPLIES BEFORE MAINTENANCE.
- As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. for example the BCA, AS3000
  - The replacement of the battery is needed when they no longer meet their rated duration of operation after the corresponding recharge period.
  - Dongguan Evolt Electronics Co., Ltd. No.3 Qinghu East Road Yuliangwei Village, Qingxi TownDongguan City, Guangdong, China 523649

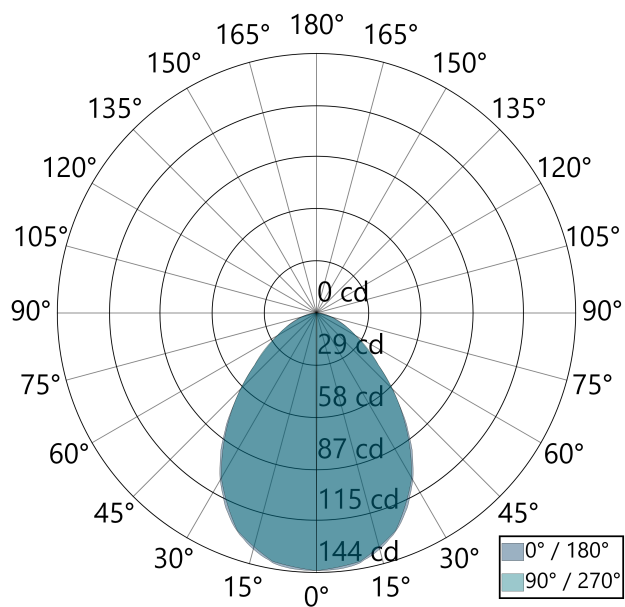


Strip length reference: 8-10mm  
Wire range: 0.5-6.0mm<sup>2</sup> 

## Photometrics

### Emergency Mode (AU)

### Emergency Mode (AU)



Lumens

269.1