



Input Parameters

Input Voltage Range	220-240 Vac
Input Current	<0.03A
Power Factor	> 0.32
Frequency	50Hz
Ambient Temperature	40C
Ambient Temperature	0-40C
Class	II
Maximum Input Power (While Charging Battery)	3.5W
Average Input Power (Not Charging Battery)	2.7W

Emergency Parameters

Emergency Duration	180minutes
Battery Code(s)	zc-batt-1A1-ACA
Battery Type	LiFePO4
Input Battery Voltage	2.0-4.0 Vdc
Output Battery Voltage	2.0-3.65 Vdc
Input Battery Current	330mA
Output Battery Current	0.08A
Charging Time	24 hours
Emergency Output Power	1.2 W
Exit Sign View Distance	20m

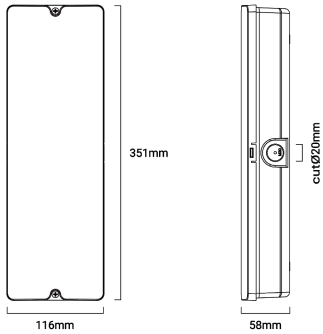
Mechanical

Material	Polycarbonate
Wiring Type	Push Terminal (0.5-2.5mm2)
Mounting	Surface Mount
Ingress Protection	IP65
Product Dimension Length	351mm
Product Dimension Height	58mm
Product Dimension Width	116mm

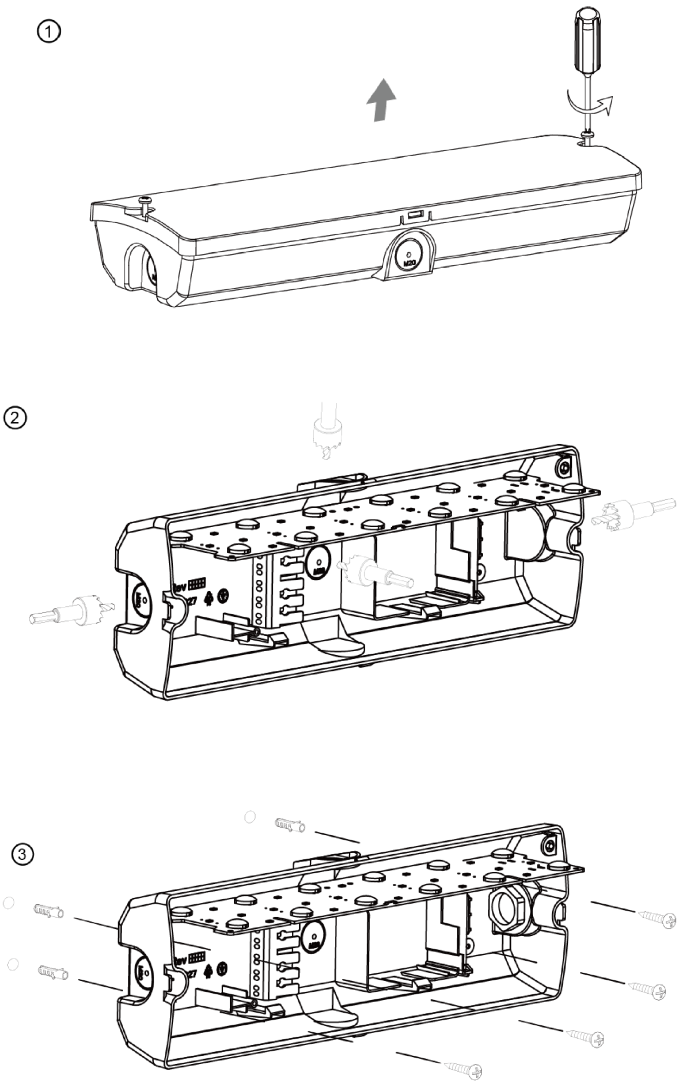
Standards

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

Product Line Drawing



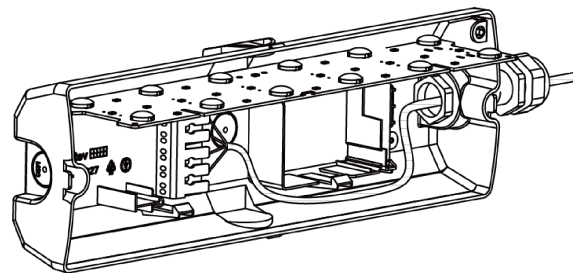
Product Install Picture



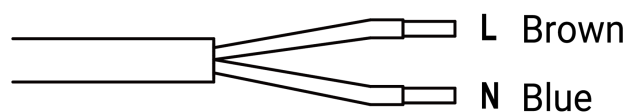
Required Safety Warnings

- 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

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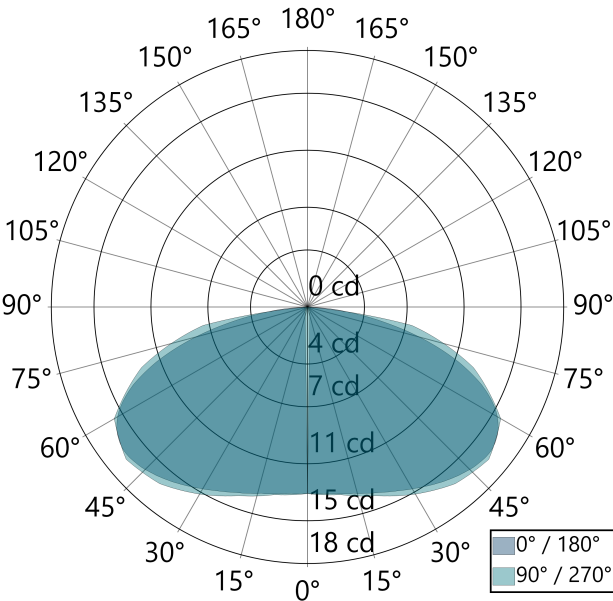
Wiring Diagram



Photometrics

Emergency Mode (AU)

Emergency Mode (AU)



Lumens 75.6

Emergency Mode (AU) 0.5 lux



Mounting Height		0.5 lux			
2.5m	3.38	6.76	6.88	3.44	
2.8m	3.34	6.67	7.04	3.52	
3.0m	3.33	6.66	7.03	3.51	
4.0m	2.75	5.50	5.92	2.96	
5.0m	0.84	1.67	1.94	0.97	

Emergency Mode (AU) 1 lux



Mounting Height		1 lux			
2.5m	2.21	4.42	4.66	2.33	
2.8m	1.96	3.92	4.30	2.15	
3.0m	1.77	3.53	3.82	1.91	