

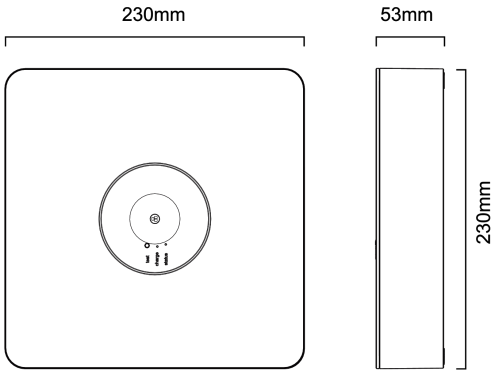


Input Parameters	
Input Voltage Range	220-240 Vac
Input Current	<0.03A
Power Factor	> 0.32
Frequency	50Hz
Ambient Temperature	0-40C
Class	II
Maximum Input Power (While Charging Battery)	<3.0 W
Average Input Power (Not Charging Battery)	<0.5W

DALI Parameters	
Input Current	2 mA
Over Voltage Protection	Yes
Input Voltage	9.5 - 22.5 Vdc

Emergency Parameters	
Emergency Duration	180minutes
Battery Code(s)	zc-batt-2B1-AAA
Battery Type	LiFePO4
Input Battery Voltage	4.0-7.5 Vdc
Input Battery Current	580mA
Output Battery Current	260mA
Charging Time	24 hours
Emergency Output Power	2.9 W

Product Line Drawing



Product Install Picture

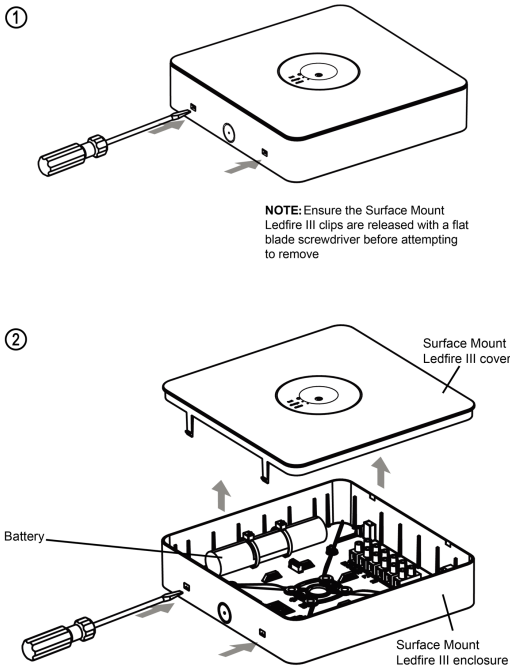
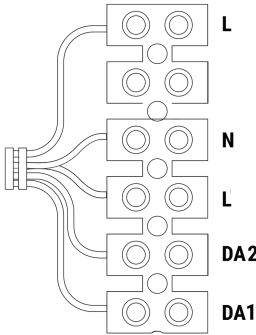


Figure 1: Surface Mount Ledfire III disassembly and installation

Wiring Diagram



Mechanical	
Material	Polycarbonate
Product Colour	RAL9003
Wiring Type	Terminal block
Mounting	Surface Mount
Ingress Protection	IP20
Product Dimension Length	230mm
Product Dimension Height	53mm
Product Dimension Width	230mm

Standards	
IEC 60598-1	Yes
IEC 60598-2-22	Yes

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

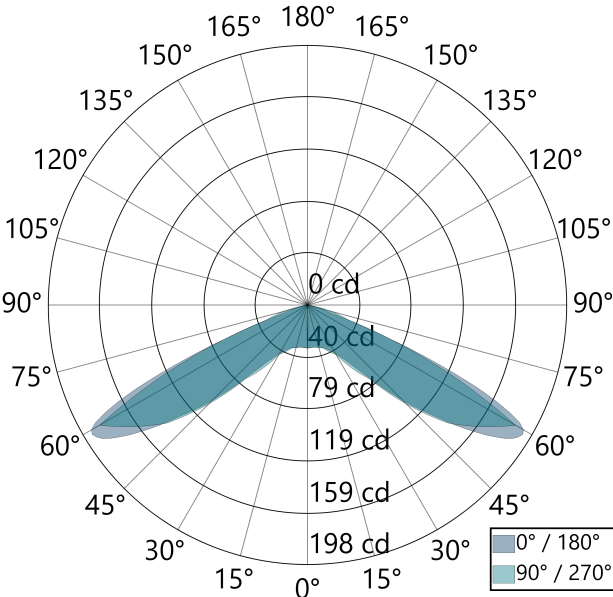
The replacement of the battery is needed when they no longer meet their rated duration of operation after the corresponding recharge period.

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Photometrics

Emergency Mode (Room Lens)

Emergency Mode (Room Lens)



Lumens	426.7
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Emergency Mode (Room Lens) 0.5 lux



Mounting Height	0.5 lux	
2.5m	5.89	11.78
2.8m	6.44	12.88
3.0m	6.90	13.80
4.0m	8.58	17.16
5.0m	10.03	20.06

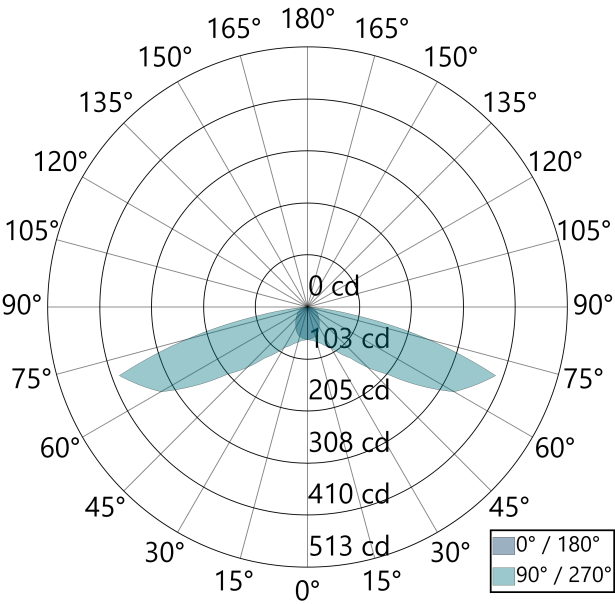
Emergency Mode (Room Lens) 1 lux



Mounting Height	1 lux	
2.5m	5.49	10.97
2.8m	6.00	12.01
3.0m	6.29	12.58
4.0m	7.68	15.37
5.0m	8.32	16.64

Emergency Mode (Corridor Lens)

Emergency Mode (Corridor Lens)



Lumens	398.3
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Emergency Mode (Corridor Lens) 0.5 lux



Mounting Height	0.5 lux			
2.5m	4.08	8.16	19.33	9.67
2.8m	4.23	8.46	20.90	10.45
3.0m	4.28	8.57	21.64	10.82
4.0m	4.60	9.20	24.62	12.31
5.0m	4.66	9.33	27.47	13.74

Emergency Mode (Corridor Lens) 1 lux



Mounting Height	1 lux			
2.5m	3.14	6.29	16.35	8.18
2.8m	3.22	6.44	17.24	8.62
3.0m	3.27	6.55	17.93	8.97
4.0m	3.36	6.71	19.80	9.90
5.0m	3.25	6.49	18.42	9.21