



EPE-EM2-IP

LED Surface Mounting Emergency Light

CE CB

IP65



RoHS

INTRODUCTION

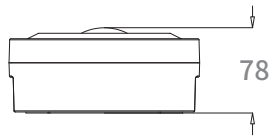
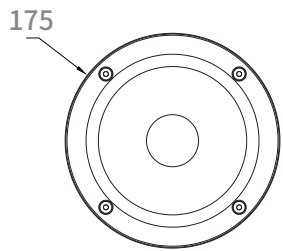
EPE-EM2-IP waterproof emergency down light is controlled by smart IC, with self-test function. 3W for standard and 6W for high output model, Using the simple line and elegant element, EPE-EM2-IP has the ability to transcend ordinary design, as well as product quality.

FEATURES

- Oval lens for escape route application.
- Round lens for open area application.
- Compact high performance IP65 Rated.
- High power & efficiency LED.

Dimension

Unit:mm



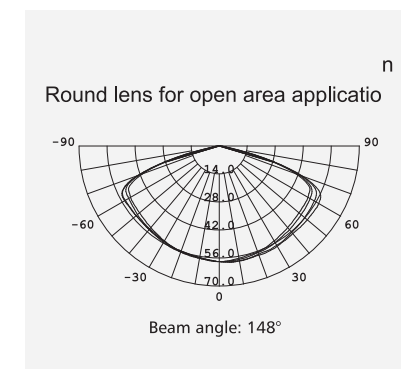
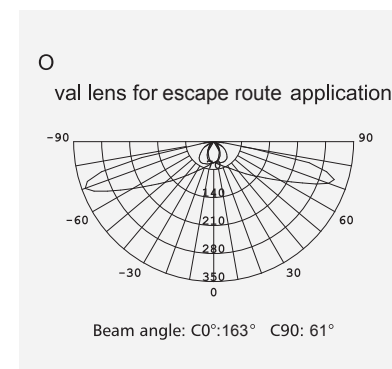
Model List

Model	input Voltage	Output Power	Lumen Output	Charge Duration	Discharge Duration	Battery	Battery
EPE-EM2-IP-HO-1H	200-240V	5W Max	400lm	24H	1H	LiFePO4 9.6V600mAh	MT/AT
EPE-EM2-IP-HO-2H	200-240V	5W Max	500lm	24H	2H	LiFePO4 9.6V1500mAh	MT/AT
EPE-EM2-IP-HO-3H	200-240V	5W Max	400lm	24H	3H	LiFePO4 9.6V1500mAh	MT/AT
EPE-EM2-IP-ST-1H	200-240V	2W Max	200lm	24H	1H	LiFePO4 6.4V600mAh	MT/AT
EPE-EM2-IP-ST-2H	200-240V	2W Max	250lm	24H	2H	LiFePO4 6.4V1500mAh	MT/AT
EPE-EM2-IP-ST-3H	200-240V	2W Max	200lm	24H	3H	LiFePO4 6.4V1500mAh	MT/AT

Driver Datasheet

Power consumption	2W	5W
Rated Input Voltage(V)	AC230V	AC230V
Frequency	50/60Hz	50/60Hz
Input Voltage	AC200-240V	AC200-240V
Efficiency	≥80%	≥80%
Total load wattage	2.5W	4.5W
Power Factor	≥0.3	≥0.3
Rated Input Current	≤0.08A	≤0.08A
Full load output voltage	DC2.8-3.2V	DC5.6-6.4V
Rated output current	700mA	700mA
Output current range	700mA±10%	700mA±10%
Power tolerance	10%	10%
Current output tolerance	10%	10%
Surge	0.5KV	0.5KV
Withstand voltage	AC3750V	AC3750V

Photometric Data



Instructions for automatic test option

1.Once the unit is powered up it will automatically initiate a self test and diagnostics as follows:

- Every 4seconds: Checks for battery disconnection,charger board fault,lamp fault and transfer fault.
- Every month: Performs a 3minutes duration test.
- Every year:Performs a 1 hour or 3 hours duration test.

All test functions are factory preset and do not need field adjustment.

2.Dual Colour Indicator LED Status Mesnings

- Green Solid On Ready/Normal Operation
- Red Requires Service

•	One flashes, 4 seconds pause	Battery not connected
••	Two flashes, 4 seconds pause	Low battery voltage
•••	Three flashes, 4 seconds pause	Charger board fault
••••	Four flashes, 4 seconds pause	AC/DC transfer fault
•••••	Five flashes, 4 seconds pause	LED lamp fault

NOTE:After repairing a service fault,press and hole the test button for 2 seconds to reset the flashing indicator light to green.

3.Manual Testing

Press test button once	30 seconds duration test
Press test button twice within 2 seconds	3 minutes duration test
Press test button 3 times within 2 seconds	30 minutes duration test
Press test button 4 times within 2 seconds	1 hour or 3 hours duration test



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