EPE-EM5-IP

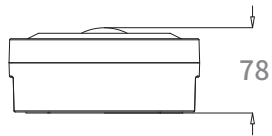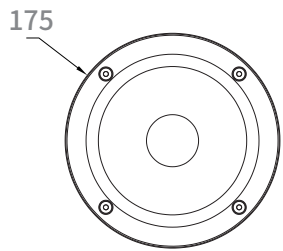LED Surface Mounting Emergency Light

IP65 CE CB RoHS

INTRODUCTION

EPE-EM5-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-EM5-IP has the ability totranscend 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.
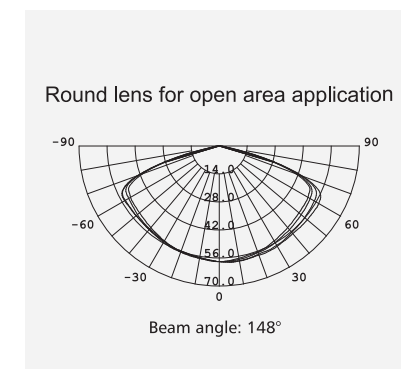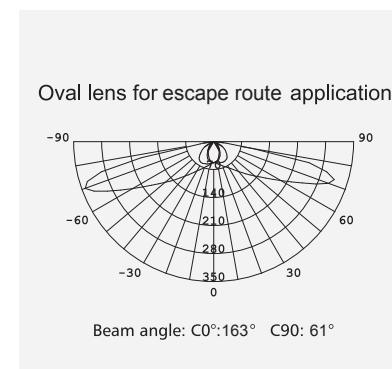
• High power & efficiency LED.

Dimension   Unit:mm

175

78

Model List

Model	Input Voltage	Emergency Power	Lumen Output	Charge Duration	Discharge Duration	Battery	Test
EPE-EM5-IP-HO-1H	200-240V	4W Max	400lm	24H	1H	LiFePO4 9.6V600mAh	MT/AT
EPE-EM5-IP-HO-2H	200-240V	4W Max	500lm	16H	2H	LiFePO4 9.6V1500mAh	MT/AT
EPE-EM5-IP-HO-3H	200-240V	4W Max	400lm	24H	3H	LiFePO4 9.6V1500mAh	MT/AT
EPE-EM5-IP-ST-1H	200-240V	2W Max	200lm	24H	1H	LiFePO4 6.4V600mAh	MT/AT
EPE-EM5-IP-ST-2H	200-240V	2W Max	250lm	16H	2H	LiFePO4 6.4V1500mAh	MT/AT
EPE-EM5-IP-ST-3H	200-240V	2W Max	200lm	24H	3H	LiFePO4 6.4V1500mAh	MT/AT

Driver Datasheet

Model	ST	HO
Mains Power	3.5W	6W
Input Voltage	AC200-240V	AC200-240V
Frequency	50/60Hz	50/60Hz
Efficiency	≥80%	≥80%
Emergency Power	2W Max	4W Max
Power Factor	≥0.3	≥0.3
Input Current	≤0.03A	≤0.05A
Full load output voltage	DC2.8-3.2V	DC5.6-6.4V
Output current	585/680mA±15%	515/680mA±15%
Surge	0.5KV	0.5KV
Withstand voltage	AC3750V	AC3750V

Photometric Data

Oval lens for escape route application

Beam angle: C0°:163° C90: 61°

Round lens for open area application

Beam angle: 148°

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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