EPU-EM1-IP

Wet Location Emergency Light
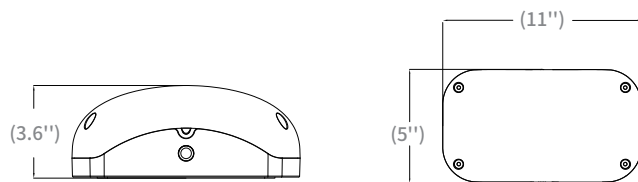
90° 360° ETL BC

INTRODUCTION

Adjustable lamp head Emergency Light is more suitable for areas with aesthetic concerns than conventional twin projector floodlights ,the Mini Range is ideal for a wide range of applications requiring open area and escape route.Ni-Cad battery with low maintenance and 2 high efficiency lumen output can be provided.IP65 protect enclosure suitable use for Wet Location, even outdoor.

FEATURES

- Two fully adjustable, glare-free square light heads for emergency light.
- Injection-molded thermoplastic housing.
- ETL Listed,CEC title 20 Compliance.
- LED indicator light and test switch.
- Round lens for open area,oval lens for escape route application.

Dimensions   unit:inch

(11'')

(3.6'')

(5'')

Model List

Model	Input Voltage	Charge Duration	Discharge Duration	Battery	Lumen Output	Finishing Color	Test Mode
EPU-EM1-ST-AT-IP	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	100lm	WH/BL	Auto Test
EPU-EM1-ST-MT-IP	120-277V	24H	90mins	Ni-Cd 3.6V900mAh	100lm	WH/BL	Manual Test
EPU-EM1-HO-AT-IP	120-277V	24H	90mins	Ni-Cd 3.6V900mAh*2	200lm	WH/BL	Auto Test
EPU-EM1-HO-MT-IP	120-277V	24H	90mins	Ni-Cd 3.6V900mAh*2	200lm	WH/BL	Manual Test

Driver Datasheet

Model	EPU-EM1-ST-IP	EPU-EM1-HO-IP
Power Consumption	3W Max	3W Max
Frequency	50/60Hz	50/60Hz
Input Voltage	120-277V	120-277V
Discharge Efficiency	≥80%	≥80%
Output Power	1.2W±0.2W	2W±0.2 W
Power Factor	≥0.3	≥0.3
Rated Input Current	≤0.03A	≤0.04A
Full load output voltage	DC2.8-4.2V	DC2.8-4.2V
Output current range	360mA±10%	580mA±10%
Short circuit protection	PASS	PASS
Over voltage protection	PASS	PASS
Surge	0.5KV	0.5KV
Withstand voltage	AC3750V	AC3750V

Technical Data Sheet

Model	EPU-EM1-ST	EPU-EM1-HO
Power Consumption	3W Max	3W Max
LED	SMD 2835	SMD 3030
CCT(K)±10%	5700K	5700K
"Luminous Flux(lm) ±10%"	100lm	200lm
CRI	>70	>70
LED Driver	Built-in	Built-in
Protection Class	Class Ⅱ	Class Ⅱ
IP Rating	IP65	IP65
Finishing color	White/Black	White/Black
Material	ABS+PC	ABS+PC
Operating Temp (°C)	10℃~40℃	10℃~40℃
Storage Temp (°C)	0℃~50℃	0℃~50℃

Instructions for automatic test option

1.Once the unit is powered up it will antomaticlly 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 3 minutes duration test.

• Every year:Performs a 90 minutes duration test.

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

2.Dual Colour Indicator LED Status Mesnings

• Red   Solid On   Ready/Normal Operation

• Red Blinks   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 red.

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	90 minutes duration test

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