

EPE-EM7

LED Emergency Track Light

INTRODUCTION

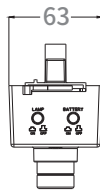
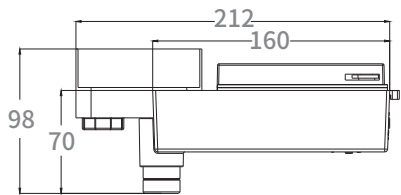
Smart IC control Emergency Track Light offers a simple method of providing discreet emergency lighting in areas that require a self-contained solution powered by the existing track system. Provide high-quality lithium battery with long life time.

FEATURES

- Suitable for track mounting.
- Intelligent IC control appliance.
- Convenient switch to control Maintained or Non-maintained
- White / Black finishing optional.
- Push-to-test switch.
- Battery on/of switch can easy connect the battery, no need to tear down the frame

Dimensions

unit:mm



Model List

Model	EPE-EM7-1H	EPE-EM7-3H
Input Voltage	220-240V	220-240V
Lumen Output	220lm	220lm
Charge Duration	24H	24H
Discharge Duration	1H	3H
Battery	LiFePO4 6.4V600mAh	LiFePO4 6.4V1500mAh
Test Mode	Manual Test / Auto Test	Manual Test / Auto Test

Driver Datasheet

Model	EPE-EM7-1H	EPE-EM7-3H
Power Consumption	6W Max	6W Max
Frequency	50/60Hz	50/60Hz
Input Voltage	220-240V	220-240V
Discharge Efficiency	≥80%	≥80%
Output Power	1.7W±0.2W	1.7W±0.2W
Power Factor	≥0.3	≥0.3
Rated Input Current	≤0.02A	≤0.035A
Full load output voltage	DC2.8-3.2V	DC2.8-3.2V
Output current range	585mA±25mA	585mA±25mA
Short circuit protection	PASS	PASS
Over voltage protection	PASS	PASS
Surge	0.5KV	0.5KV
Withstand voltage	AC3750V	AC3750V

Technical Data Sheet

Model	EPE-EM7-1H	EPE-EM7-3H
LED	SAMSUNG 3535	SAMSUNG 3535
CCT(K)±10%	5000K	5000K
"Luminous Flux(lm) ±10%"	220lm	220lm
CRI	>70	>70
LED Driver	Built-in	Built-in
Protection Class	Class II	Class II
IP Rating	IP20	IP20
Finishing color	White/Black	White/Black
Material	ABS	ABS
Operating Temp (°C)	0 C ~45 C	0 C ~45 C
Storage Temp (°C)	0 C ~60 C	0 C ~60 C

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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