

Led Panel Emergency Kit

Data Sheet

For Series: OT-EPD-01SD



OTC IND CO., LTD

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Dear partners,

* Thanks for Choosing OTC LED emergency products for your projects.

OTC always pursue high quality, steady quality products, competitive price and one-stop customer service, and offer enjoyable installation experience.

* All the OTC emergency lamp with 5 years quality guarantee (Battery 3 years) . If any doubts/ questions, please contact OTC project support team directly by email support@otcind.net . You will get solutions in 7~24 hours rapidly.

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1 Security related information

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring regulations and taking into consideration the latest building regulations.
- Ensure that all electrical connections are tight with no loose strands, including factory made connections.
- Ensure there is adequate free air circulation of at least 100mm around the luminaire. It is the installer's responsibility to consider fire risk and take appropriate precautions.
- A separate enclosure may be required if this unit is to be used in dusty and wet environments.

Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations . The guarantee is also invalidated if the luminaire has been I.R. tested. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

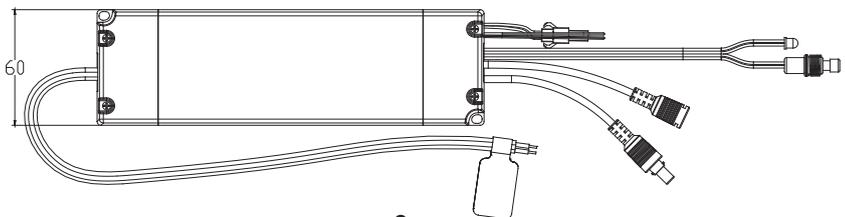
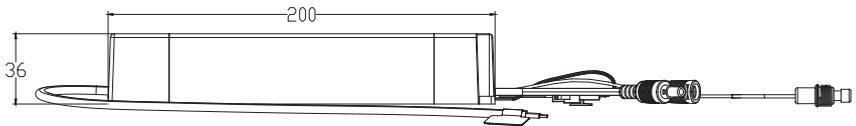
2 Packing list



Packing list

3 Basic Parmeters

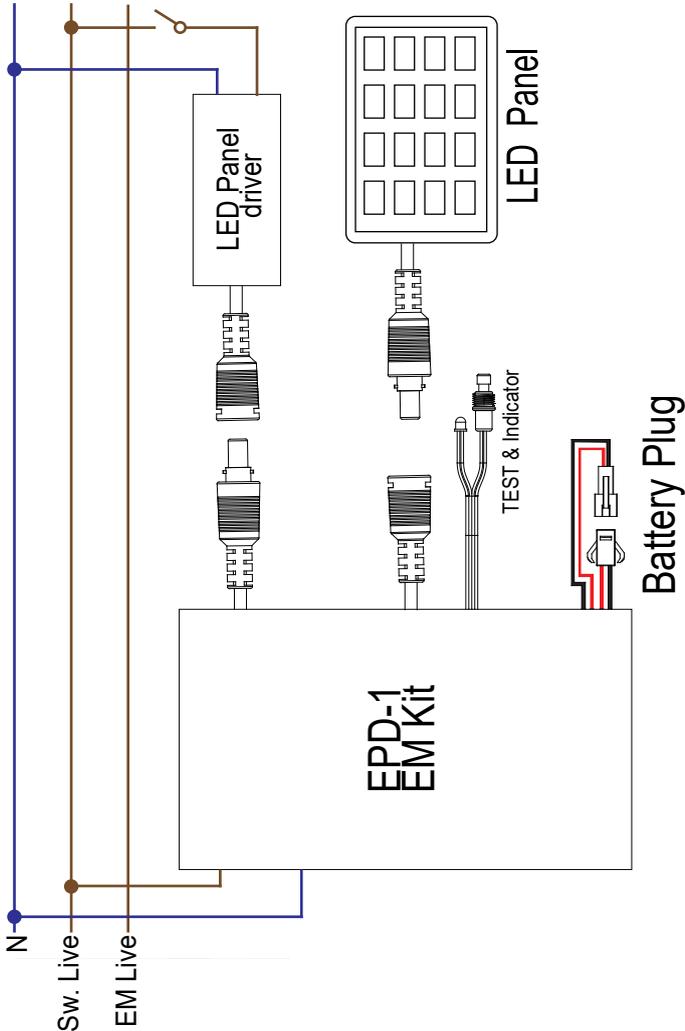
Model	Art Nr. OT-EPD-***
	1N
Material	PC case + AL heat radiator For indicator
Dimension of driver	200*60*27
Dimension of Test/IND	D48*25mm
Cut out of Test/IND	35mm
Degree of protection	IP20
Input Voltage	AC200-240V 50/60HZ
Input power	3W
Power factor	>0.5
Extension cable	DC5521 with clip, 1 set
↓ Next are Emergency parameters ↓	
EM mode	Non -maintained
Standard	60598-2-22:2021
Out put	DC20-60V
Emergency change over	<0.5S
Emergency Pack	4.8V 3Ah 4°C Ni-Cd pack
Emergency time	3 Hours
Test	Manual test
Charging indicator	Green
Faulty indicator	No
EM power	3W Constantly Power
Luminous Flux(EM)	300LM



4 Emergency Wiring

ADDITIONAL INFORMATION - COMPONENT REPLACEMENT

- The emergency module contains no user replaceable components other than the battery pack.
- The battery has a 4 year service life provided it is operated and maintained & maintained by regular testing, as detailed in this Usermanual. Failure to maintain or change the battery may result in reduced duration in emergency mode.



5 Testing Before installation

- 5.1 Check the parameters on LED panel driver,
The output range between DC20–60V.

U_{out}: 24VDC
In the range



- 5.2 Test

- 5.2.1 Wiring it according to the diagram in page6.

Keep ③ Battery unplugged & ① AC supply on

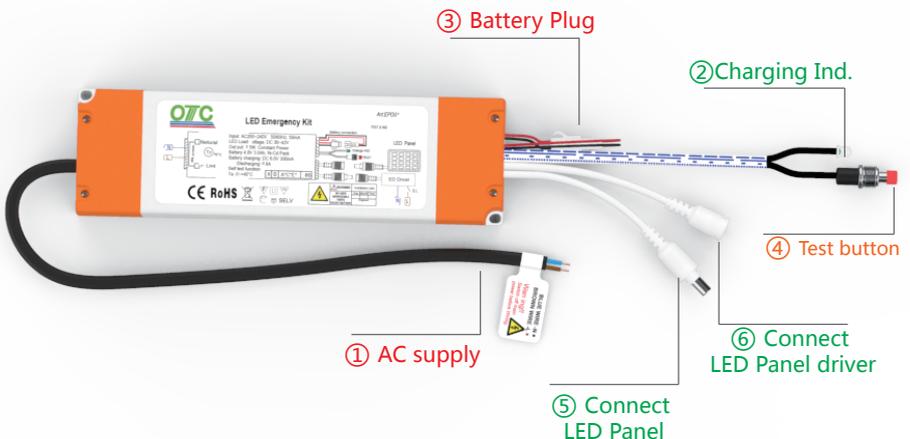
>> The ② charging indicator off

- 5.2.2 ③ Battery Plug in

>> The ② charging indicator on

- 5.2.3 ① AC supply off

>> The ② charging indicator on LED Panel EM on



6 Installation guide



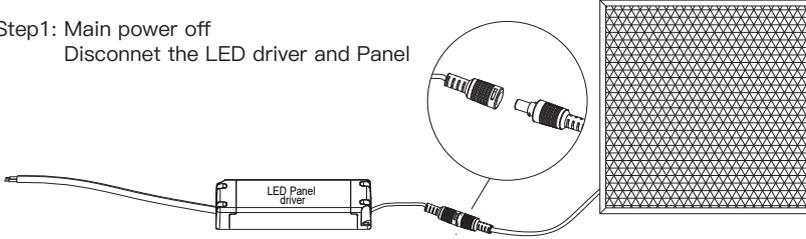
Caution

1. All OTC emergency facilities are designed for projects. Only qualified electrician can install or maintain it.
2. The mains have to be off during the installation or maintenance.

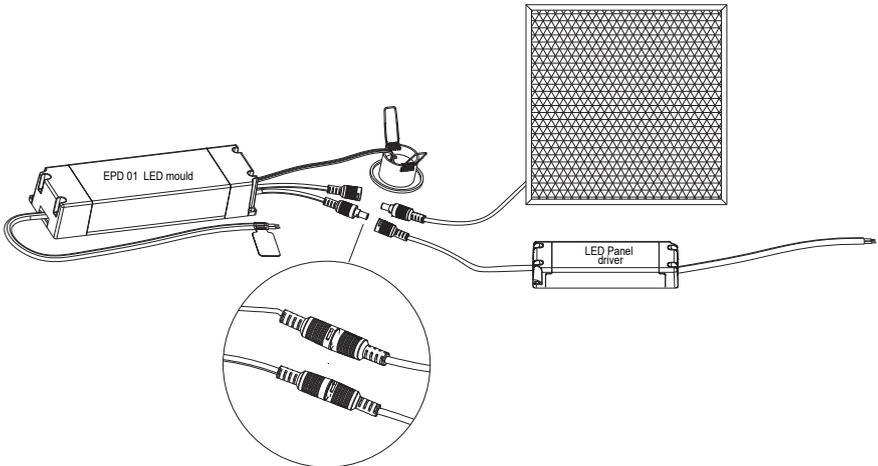


3. Keep the product far from heat sources and in a well ventilated area.

Step1: Main power off
Disconnect the LED driver and Panel



Step2: Connect The LED panel driver to EPD EM module according the Followed.



Step3: Wiring according Page 7 and AC on



