

Smart emergency light IP20

Usermanual

For serial: OT-HLB4_Li_Cheap



OTC IND CO., LTD

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Dear partners,

* Thanks for Choosing OTC emergency facilities 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 lights 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



Luminaire *1



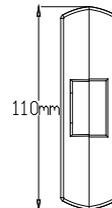
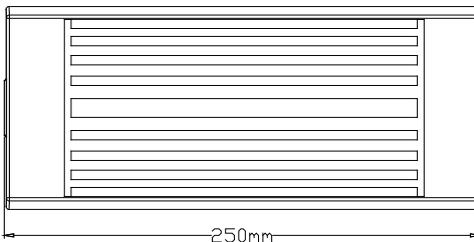
Installation pack *1



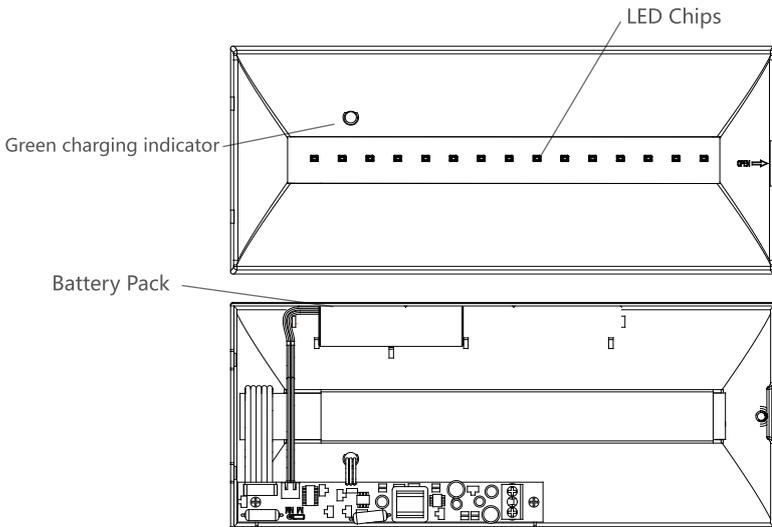
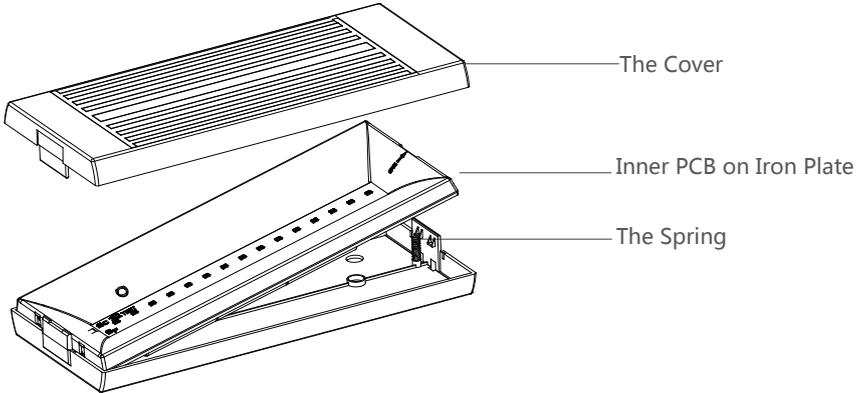
User manual *1

3 Basic Parameters

Model	Art Nr. OT-HLB4 Self-test & remote Test series	
	_cheap	
EM Working mode	Non-maintained	
Material	ABS plastic	
LED Chips	15pcs 2835	
Input Voltage	AC200-240V 50/60HZ	
Total Input Power	Non-maintained mode: 1.5W / Maintained mode: 2.5W	
Luminous Flux In AC mode	Non-maintained mode: 0LM / Maintained mode: 100LM	
Luminous Flux In EM mode	150Lm	
Color Rendering Index	>80	
CCT	3000/4000/6000K available	
Battery pack	3.7V 1.5Ah Li(NiCoMn)O2	
Degree of protection	IP20	
Power factor	0.5	
Warm up time	<1S	
LED lifespan	50,000 hrs	
Beam angle	120°	
Standard	60598-2-22:2021	
Charging indicator	Green	
Guarantee	1 Years	



4 Maintained & Non-maintained change over



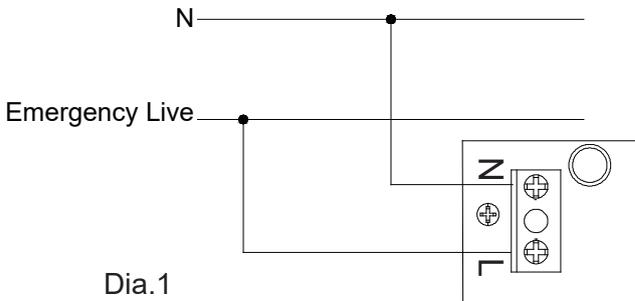
5 Test before installation

ADDITIONAL INFORMATION - COMPONENT REPLACEMENT

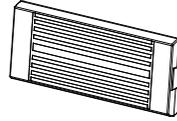
- The luminaire contains no user replaceable components other than the battery pack contained in emergency versions.
- The battery has a 4 year service life provided it is operated and maintained by regular testing, as detailed in this User manual. Failure to maintain or change the battery may result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

Emergency function test before installation

1. Connect the AC cable according to the Dia 1.
Keep battery plugged on.
2. AC Supply on
The Charging Indicator On
The EM LED OFF
3. AC Supply OFF
The EM LED ON

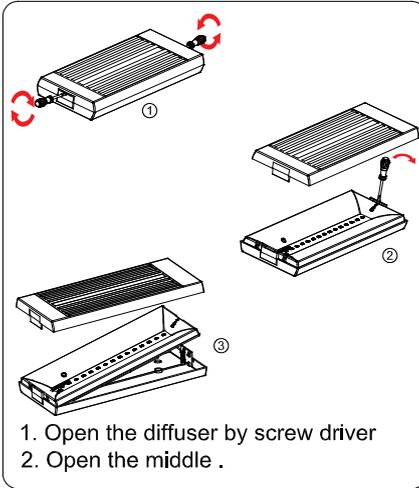


6 Installation guide



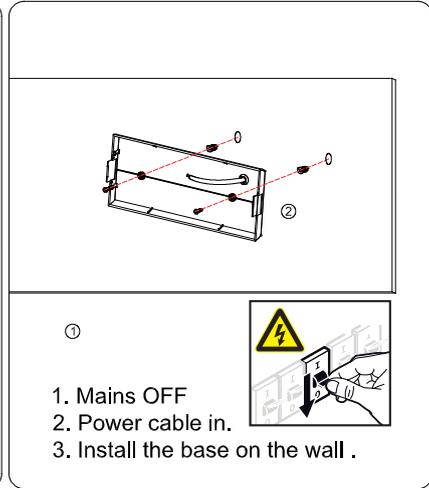
Caution

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



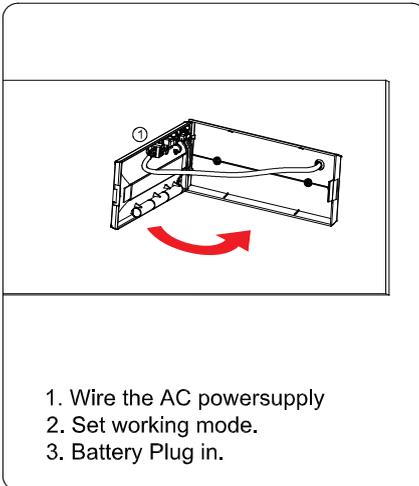
1. Open the diffuser by screw driver
2. Open the middle .

STEP 1



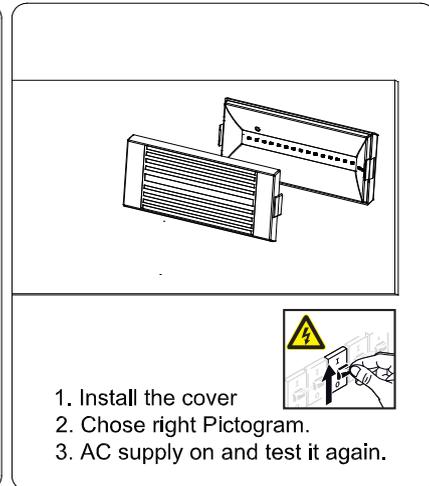
1. Mains OFF
2. Power cable in.
3. Install the base on the wall .

STEP 2



1. Wire the AC powersupply
2. Set working mode.
3. Battery Plug in.

STEP 3



1. Install the cover
2. Chose right Pictogram.
3. AC supply on and test it again.

STEP 4

Luminaire emergency inspection record

month	Test	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	Functional										
2	Functional										
3	Functional										
4	Functional										
5	Functional										
6	1 hour										
7	Functional										
8	Functional										
9	Functional										
10	Functional										
11	Functional										
12	3 hours										

Installed By: Installed Date: Luminaire NO.:

Luminaire Location: Contact details: