

# Emergency bulkhead

## Data sheet

For Series: OT-OLB3S-Li



OTC IND CO., LTD

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Dear partners,

\* Thanks for Choosing OTC emergency lamp 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 bulkheads with 5 years quality guarantee . If any doubts/ questions, please contact OTC project support team directly by email [support@otcind.net](mailto: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



Installation pack



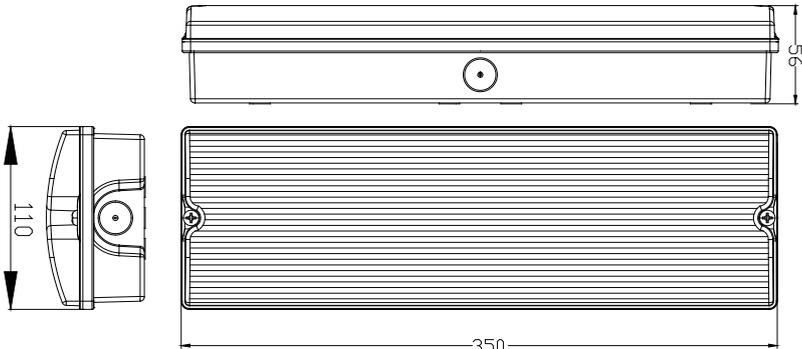
The Legend \*1 set



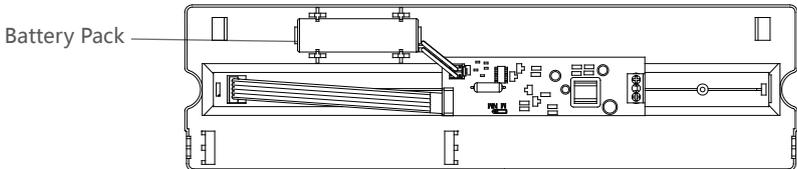
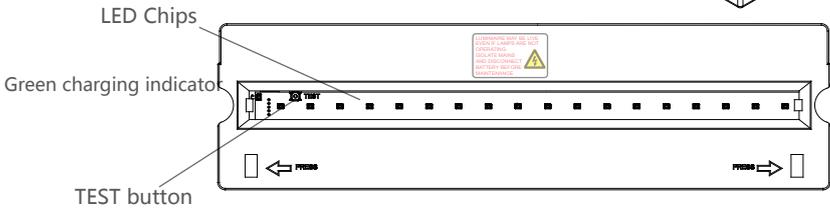
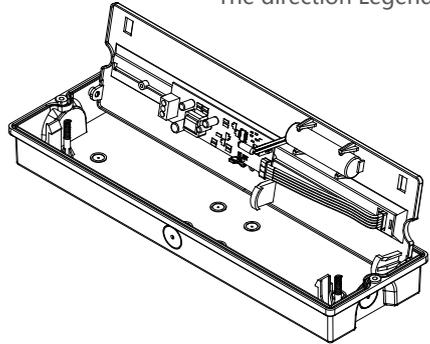
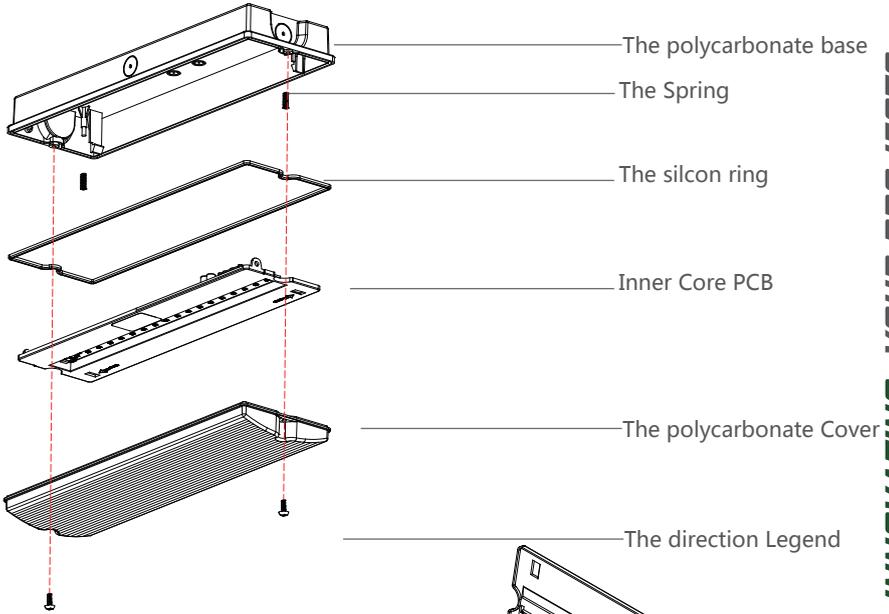
User manual \*1

### 3 Basic Parameters

Model	Art Nr. OT-OLB3S-**		
	Li	LiFe	Ni
EM Working mode	Maintained & non-Maintained in one (See page 5)		
Material	100% polycarbonate		
LED Chips	18pcs 2835		
Input Voltage	AC200-240V 50/60HZ		
Input Power Maintained	1.5W non-maintained mode		
Input Power Non-Maintained	3.0W		4.0W
Luminous Flux In DC mode	150Lm	150Lm	120Lm
Color Rendering Index	>80		
Emergency time	3 hours		
CCT	3000/4000/6000K available		
Battery pack	3.7V 1.5Ah, Li-ion battery	3.2V 1.5Ah, LiFePO4 battery	3.6V 1.2Ah, 3*SC, Ni-Cd battery pack
Degree of protection	IP65		
Power factor	0.5		
Warm up time	<1S		
LED lifespan	50,000 hrs		
Beam angle	120°		
Standard	60598-2-22:2021 & EN62034		
The Photonic standard	ISO 3864-4:2011 / EN 1838-2013		
The Legend standard	ISO 7010:2019		
TEST	Manual test		
Charging indicator	Green		
Charging	4.5V 200mAh	4.0V 200mAh	4.5V 100mAh
Discharge	400mA	400mA	300MA
Guarantee	2 Years		4 years
Advantages	Cheap	Safe / Eco Friendly	Reliable

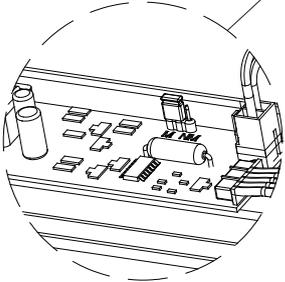
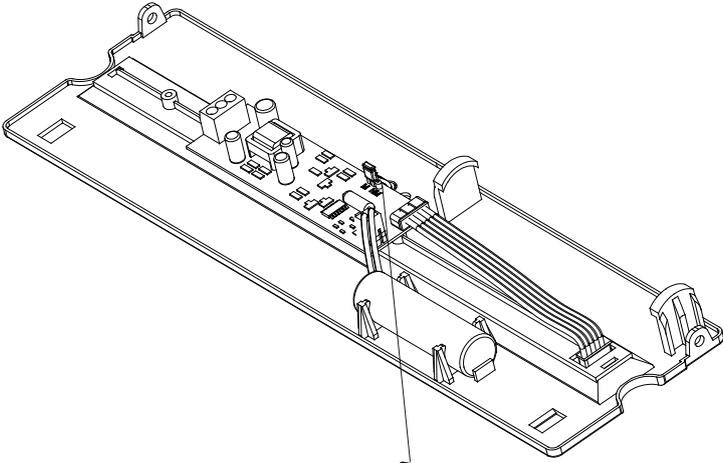


## 4 General construction

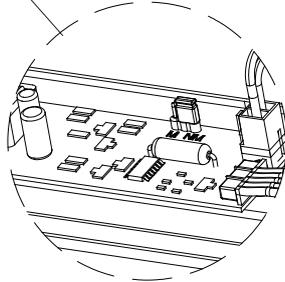


INNOVATING YOUR PROJECTS

5 Maintained & non-maintained changeover



a) Maintained



b) Non-Maintained

Maintained & Non-maintained work mode

The OT-OLB3-Li series can work both in maintained and non-maintained mode.

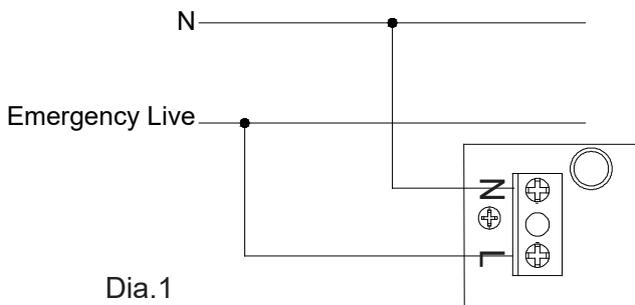
## 6 Emergency function

### 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 Usermanual. 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 the Switch Live off, and battery plugged on.  
(The green charging indicator on)
2. Press the test button, The charging indicator off, and emergency function activated
3. Unplugged the battery, charging indicator OFF.

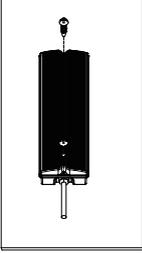
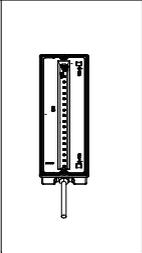
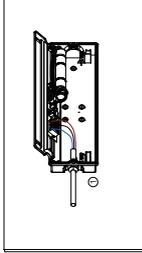


# 7 Installation guide

1. All OTC LED bulkheads 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.



**Caution**

			
<ol style="list-style-type: none"> <li>1. Mains OFF</li> <li>2. Knock out the cable hole.</li> <li>3. Install the base on the wall .</li> </ol>	<ol style="list-style-type: none"> <li>1. Fix the middle plate</li> </ol>	<ol style="list-style-type: none"> <li>1. Fix power cable by M20</li> <li>2. Connect the cable to driver.</li> <li>3. Connect the battery pack</li> <li>4. Chose right work mode by clip switch</li> </ol>	<ol style="list-style-type: none"> <li>1. Fix the diffuser.</li> <li>2. Mains on and test the lamp</li> </ol>
<b>STEP 1</b>	<b>STEP 3</b>	<b>STEP 2</b>	<b>STEP 4</b>

## 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 Locaton: ..... Contact details: .....