Product description

The OLX-XBH range of IP65 emergency lighting luminaires are used in a wide range of applications such as warehouses, car parks, schools, offices and many other indoor and outdoor environments. They are suitable for open area illumination or as escape lighting by application of self-adhesive ISO 7010 legends included, which provide guidance with up to 20m viewing distance.

Both manual and automatic self-test versions can be easily checked using the OLX-XRC remote control, available to purchase separately. Self-test models provide diagnostics via the status indicators, either when the unit has completed an automatic test or when initiated from the remote control. Using the remote control allows facilities managers to be selective and flexible about when emergency tests are carried out, thereby minimising disruption to building occupants.

The remote control can be used with both manual and self-test versions.

Features

- Suitable for escape routes, anti-panic areas.
- Industry standard size suitable for new installations or retro fit.
- Wall mountable with multiple M20 wire entry points.
- Latest generation LEDs.
- Speedy maintenance and testing using OLX-XRC remote control, compatible with ALL models!

Light source

LED PCB strip, rated for 50,000 hrs operation*.

Properties

Housing - UL94/V0 rated white Polycarbonate.
Diffuser - UL94/V0 rated semi-opaque Polycarbonate.
Luminaire conforms to EN 60598-2-22
Suitable for installations to EN 50172

Installation

Ceiling or wall mounted to surface. Fixings included in packaging.

Common Technical Data	
Input Supply Voltage	230V +/- 10% 50/60Hz
Input Power (M / NM)	3W / 0.5W
Light Output (Lumens)	300lm
Battery Type	LiFePO^4
Operating Temperature Range	0 - 40°C
IP Rating	IP65
Weight	600g

L70 50,000 Hrs | LiFePO^4 | 300 lm | 20 m | IP65 | IK10

*L70 TM-21 test conditions

RoHS CE UKCA

Ordering Information

Part Number	Testing Facility	Remote control part number	Operating Temperature	Net Weight
OLX-XBH/300/M3/LFP	Manual Test	OLX-XRC	0-40°C	0.6Kg
OLX-XBH/300/M3/LFP/ST	Self-Test	OLX-XRC	0-40°C	0.6Kg

Spacing table - 1 lux even distribution ceiling mounted at 2 - 4m

The photometric file is available from our website or via our Technical Department.

Mounting Height (m)				
2.00	3.34	8.04	8.03	8.02
2.50	3.67	8.95	8.87	8.78
3.00	3.94	9.71	9.61	9.50
3.50	4.13	10.36	10.24	10.11
4.00	4.26	10.90	10.78	10.62

cd/klm

LDC Polar Diagram

PD-OLX-XMB-Iss1b
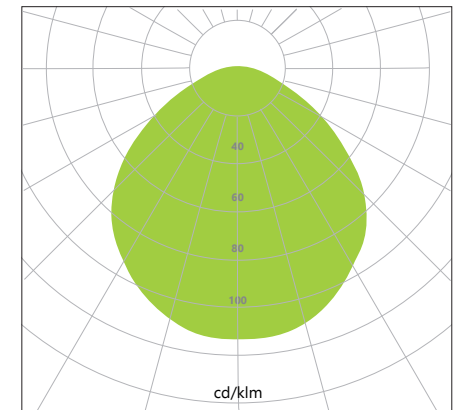
Operation

Maintained - 3W 300 lumen light source. Switchable, rated for 50,000hrs operation*.

Non Maintained - 300 lumen output provided upon mains failure only.

Create escape route lighting and final exit luminaires by using the self-adhesive legends (included) in ISO 7010 format.

Manual and automatic self-testing models available.

Any model may be easily tested/inspected using OLX-XRC remote control.

Remote Control (sold separately)

Manual Test Operation

This luminaire must be tested and inspected at regular intervals by a competent person in accordance with EN 50172.

Testing can be facilitated by using the OLX-XRC remote control device (sold separately). A function or full duration test may be initiated from the handset. The luminaire will automatically resume normal operation after the test is complete.

If the rated duration of 3 hours is not met, then the batteries need to be replaced.
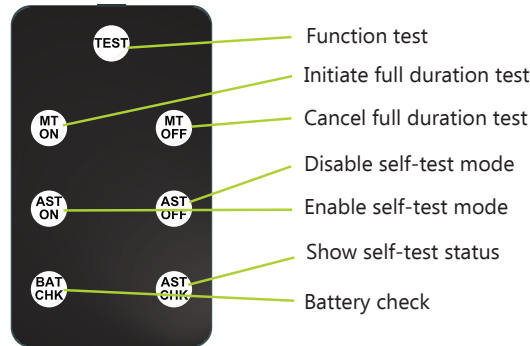
Commissioning

The self-test function will randomly carry out a full duration test between no less than 16 hours and up to a maximum of 4 weeks after installation. After the commissioning cycle is complete, regular automatic testing will commence as per below:

• Weekly for a duration of 30 seconds.
• On the 52nd week, a full duration test will be performed.

Self-Test Operation

Luminaires with this feature will automatically carry out regular testing and report the result via the red and green LED indicators as per the chart below. Additional functionality and features of the self-test product can be accessed using the OLX-XRC remote control. Further information can be found in the accompanying manual supplied with the remote control.

Function test
Initiate full duration test
Cancel full duration test
Disable self-test mode
Enable self-test mode
Show self-test status
Battery check

Dimensions

355
60.8
109

Green LED	RED LED	G	R	Status	Action Required
Continuous	OFF	●	○	OK	-
Normal Flash	OFF	◉	○	Charging	-
OFF	Solid ON	○	●	Battery disconnected / Duration test failure	Connect or replace battery
Fast Flash	OFF	◎	○	Function / Duration test in progress	-
Normal Flash	Normal Flash	◉	◉	Battery temperature error	Inspect and replace battery
OFF	Normal Flash	○	◉	Lamp fault	Replace Luminaire

◉ Normal flash = 1Hz (once per second)

◎ Fast flash = 2Hz (twice per second)