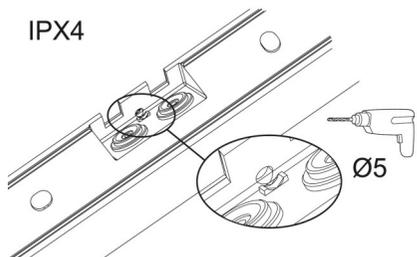


Installation and Operating Instructions for Blade Emergency Exit Sign

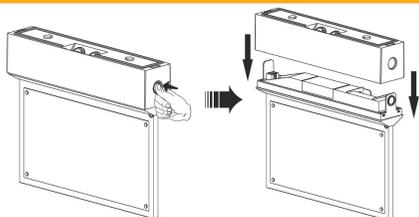


FITTING TOP BOX

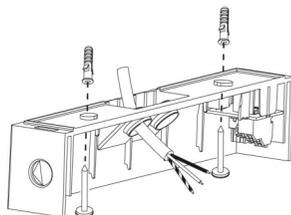
Remove the unit from the carton and push in the retainer plugs on either end to release the Blade from the Top Box.



With the Top Box removed secure to the ceiling in the desired location using the supplied fixing screws. Screw centres are 150mm, with recommended 5mm holes.



For IP54 installations, drill out the 5mm hole located near the cable entry point.



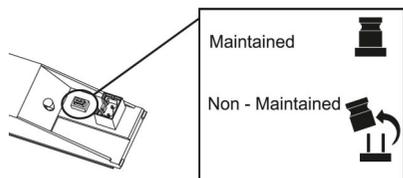
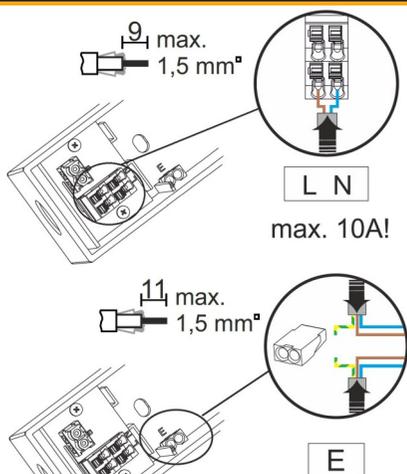
WIRING CONNECTION DETAIL

This luminaire provides reinforced insulation between mains terminals and control terminals.

Connect a supply from a unswitched spur using 1.5mm² min. PVC Insulated Cable or PVC Sheathed Cables in accordance with BS6004, BS EN 50525-2-31 or similar as per the label guides. Live feed should be unswitched and permanent, originating from the same supply as mains lighting in the same area.

Note: DALI Versions Only. DALI bus's must be wired in 300/500 Volt rated or better, double insulated cables such as single core or multi core cables in accordance with BS EN 6004 to provide reinforced insulation. Minimum conductor cross sectional area shall be 1.5mm² and the maximum cable length between the LXC-DALI and the final luminaire must be no greater than 2,000 metres.

Further information on the correct wiring of DALI units to LXC-DALI refer to **LXC-DALI Fitting Instructions** (13-93-0021)



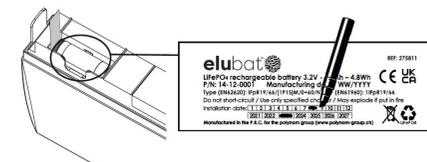
For Non-Maintained Mode remove the plug situated next to the mains input connector on the Blade housing.

Note: Ambient Temperature Range changes between maintained and non-maintained mode. See Technical Specification for details.

COMMISSIONING DATE

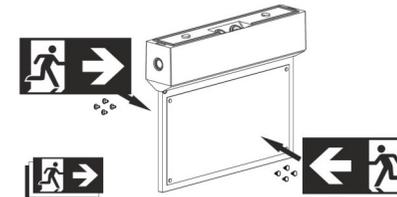
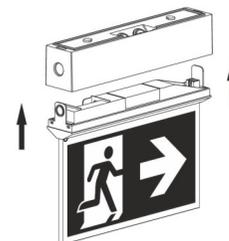
The date of commissioning must be recorded onto the battery label. This is the responsibility of the installer and may invalidate your warrant if not completed correctly.

The battery must be replaced when then the luminaire fails to meet its rated duration during testing. The Light Source and Battery in this unit shall only be replaced by the manufacture or their service agent or a similar qualified person.



INSTALL LEGEND PICTOGRAM

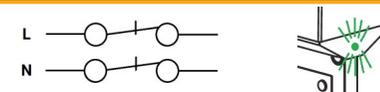
Four Legend Pictograms are supplied with the unit in the formats of UP, DOWN, LEFT and RIGHT. One blank sheet is supplied for use on single sided installations. Secure the Pictograms in place using the supplied plastic retaining screws.



To finish the installation clip the Blade back into the Top Box, ensuring that the connectors are lined up.

APPLY MAINS SUPPLY

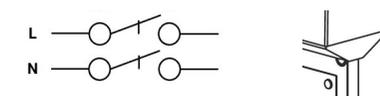
Apply mains supply to the luminaire. For Basic & DALI versions the indicator will show continuous green. For Self-Testing & Wireless versions the indicator will show a flashing green. If in maintained mode the Legend Panel will illuminate.



TEST EMERGENCY SUPPLY

Briefly fail the supply to illuminate the fitting from the internal battery. The indicator LED will be extinguished.

Note: If the battery has not been charged for an extended period the luminaire may only briefly or fail to operate until the battery is charged.



RECONNECT MAINS SUPPLY

Reconnect the unswitched supply to restart battery charging, indicated by the green indicator LED.

OPERATING INSTRUCTIONS

- Luminaires should only be installed by suitably qualified personnel.
- Installation should be carried out in accordance with the requirements of BS 7671, BS 5266 Pt1, BS EN 1838 and BS EN 50172.
- Before installing connecting order servicing these luminaires, isolate the mains supply to which they are to be connected.
- To comply with the requirements of BS EN 50172, it is necessary to record the indicator LED status.

Note: Self-Testing, DALI and Wireless versions are fully self-testing emergency luminaires and do not require a key switch testing facility.

TECHNICAL SPECIFICATION	
Mains Input Voltage	220V – 240Vac – 50/60Hz
Viewing distance (m)	24
Mode of Operation	Non-Maintained / Maintained
Light Source	LED
Switchover Time Mains – Emergency	<0.5s
Functionality Test (excluding Basic)	Weekly
Duration Test (excluding Basic)	Annually
Emergency Duration	3 hours
Battery Recharge Time	24 hours (14 hours for 1 hour)
Electrical Protection Class	II
Ingress Protection Rating	IP54
Housing Material	Polycarbonate
Weight	0.88 Kgs
Ambient Temperature Range ta Maintained	+0°C to +30°C (Suitable for indoor use only)
Ambient Temperature Range ta Non-Maintained	+5°C to +40°C (Suitable for indoor use only)

Lux Box Lighting Technology Limited
1 Wymans Way, Fakenham, Norfolk, NR21 8NT
T: 03300 539 339 E: sales@luxbox.co.uk W: luxbox.co.uk