



Lexco LXEL02-MFS Emergency LED Exit Light Installation Guide

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INSTALLATION GUIDE

This product is a 4 in 1 kit Emergency Sign designed for indoor use only. It operates on a supply voltage of 220-240 V~ at 50 Hz and uses an LED bulb (2.6 W). The light source in this luminaire is not replaceable; when the light source reaches its end of life, the entire luminaire should be replaced to ensure safety.

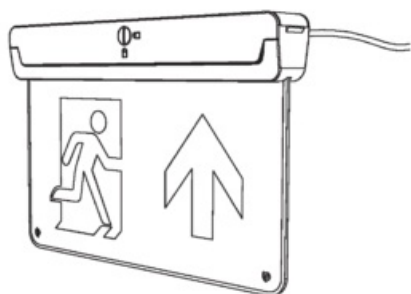
The product comes with a manufacturer's guarantee of 7 years (4 years for the battery pack) against manufacturing defects, starting from the date of purchase or delivery. It complies with European and UK regulations and is classified as a Class II product with double insulation.

Safety

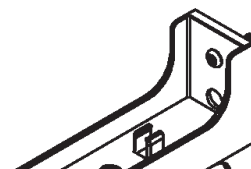
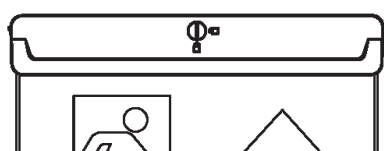
- **IMPORTANT** Do not use with a dimmer switch.
- **IMPORTANT**, Retain for future reference: read carefully.
- These instructions are for your safety. Please read through them thoroughly prior to installation and retain them for future reference.
- All fittings must be installed by a competent person in accordance with local regulations (IET wiring regulation BS7671).
- Check the pack and make sure you have all of the parts listed.
- Remove all packaging, wrap etc from the product.
- Decide on the appropriate location for your product.
- Always refer to the installation drawing for the orientation of the product.
- The product must be securely fixed to the mounting surface using the screws and wall plugs supplied. The screws and wall plugs supplied are suitable for "masonry" only. Other fixings not supplied and must be purchased.
- Take care not to drill into any pipes or mains cables beneath the surface during mounting holes preparation.
- **IMPORTANT**: The fixing point(s) selected must be capable of supporting the full weight of the light fitting.

- Wiring diagram is for reference only. Always refer to the terminal marking for wiring. Ensure that all electrical connections are tight and that no loose strands are left out of the terminal block.
- Never put anything on the product or hang anything on any part of this product.
- Never use the terminal cables to bear the product weight.
- When the product does not light after installation:
 - > Ensure there is no electricity failure
 - > Ensure all the connections are secured
- If you have any doubt about installation/use of this product, consult a qualified electrician.
- Always disconnect the product from mains at least 10 minutes allowing to cool down before any maintenance or adjustment.
- It is recommended to have a regular schedule of care and maintenance to keep the surface condition well.

4 in1 kit Emergency Sign

A**B****C****D**

Parts





01. x1



02. x8



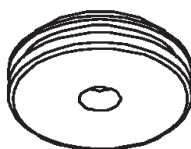
03. x8



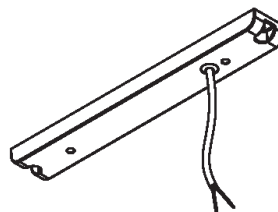
04. x1



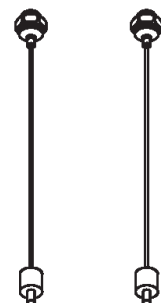
05. x2



06. x2



07. x1



08. x1



09a. x1



09b. x1



09c. x1



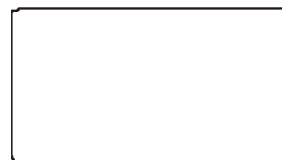
09d. x1



09e. x1



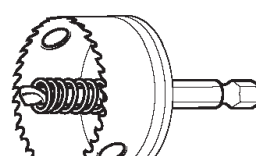
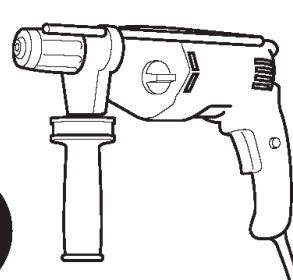
09f. x1



09g. x1

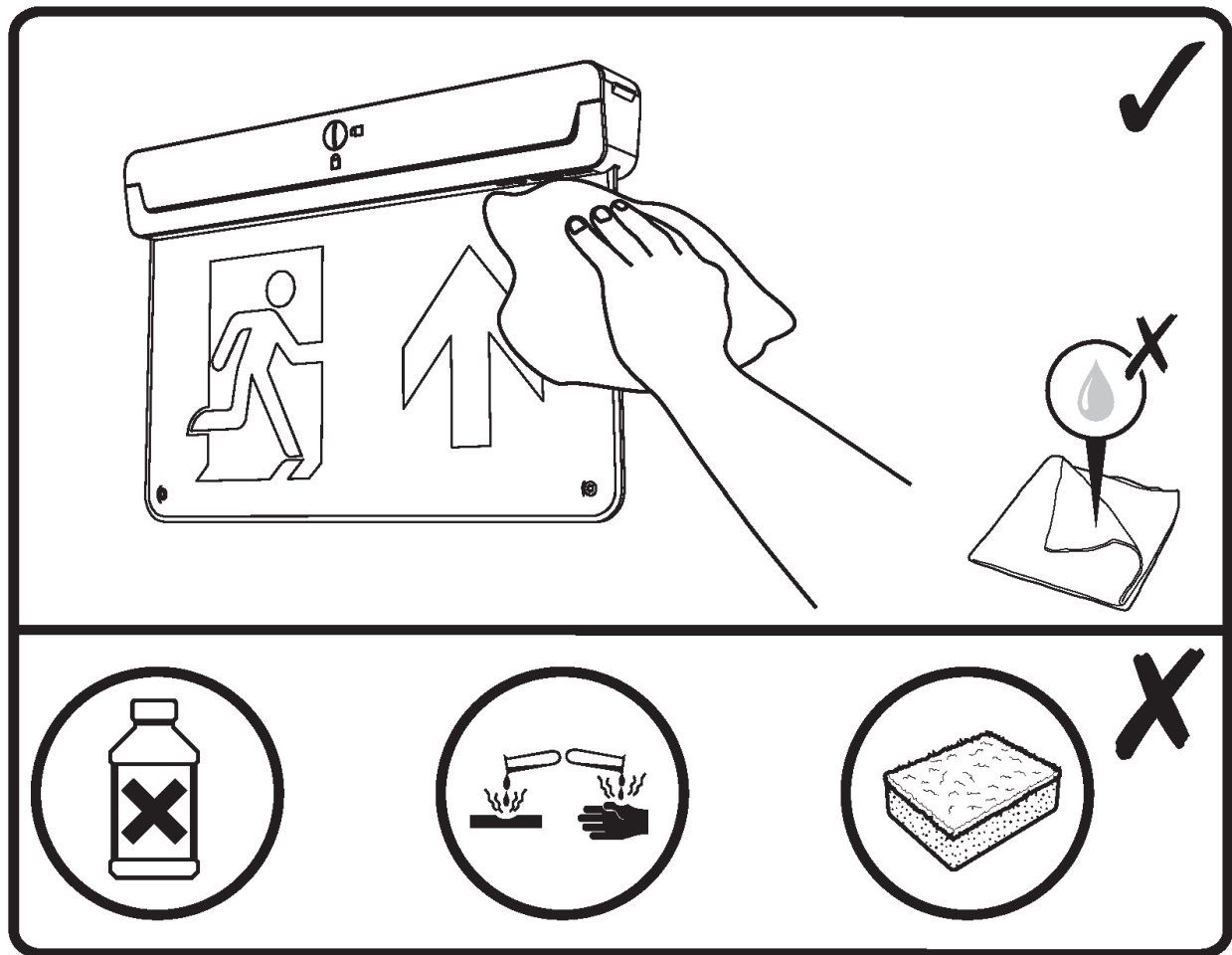
EN You will need

x1








Ø20 mm

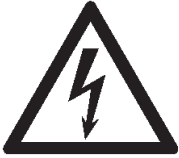

EN Care & maintenance



Technical Data

Supply voltage:	220-240 V~, 50 Hz
Bulb Type:	LED (2.6 W) The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. Do not stare at the operating light source.

Battery:	Charging time: 24 hours Type: 1 x 3.2 V 1100 mAh 18650 LiFePO4 0-60 °C. Replace only with the same or equivalent type.
	This product complies with conformity requirements of the applicable European Regulations or Directives.
	This product complies with conformity requirements of the applicable UK Regulations.
	Class II product - Double Insulated - No earth required
	For indoor use only
Operation ambient temperature (ta):	0 °C to 45 °C
IP20	Protected against access with a finger
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice

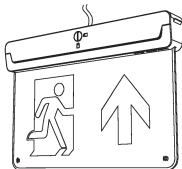
	advice.
	Caution! Risk of electric shock!
	Do not use with a dimmer switch.
xxWyy:	xx-year; yy-week of the year.

Installation

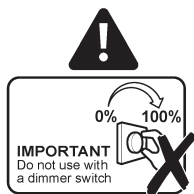
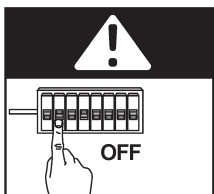
EN Installation

EN Ceiling installation

A



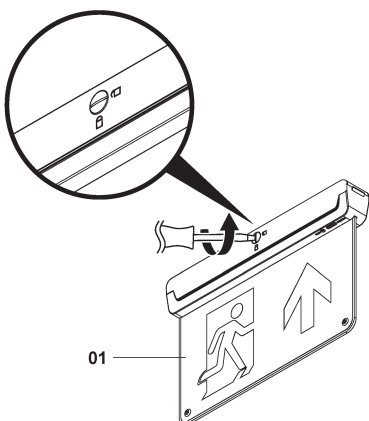
1A



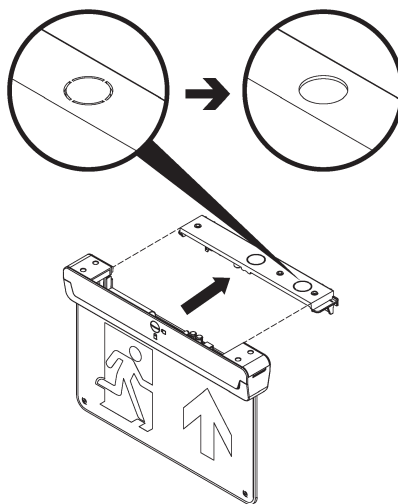
2A



01. x1



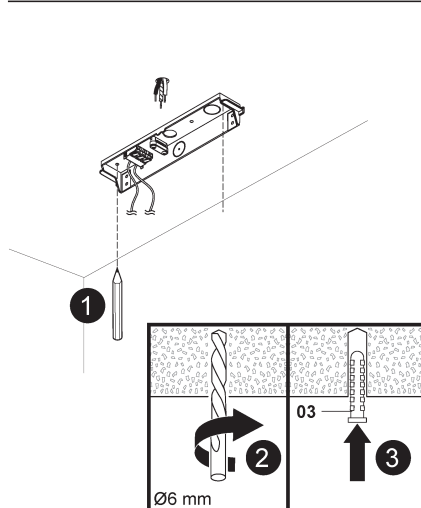
3A



4A



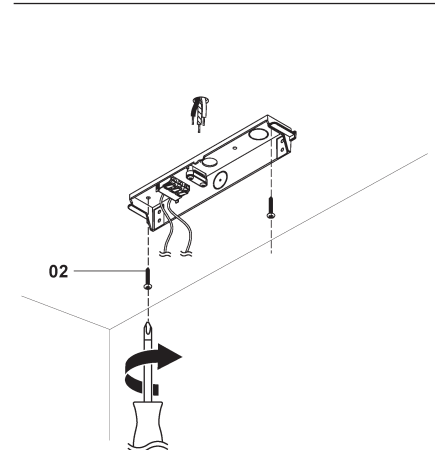
03. x2



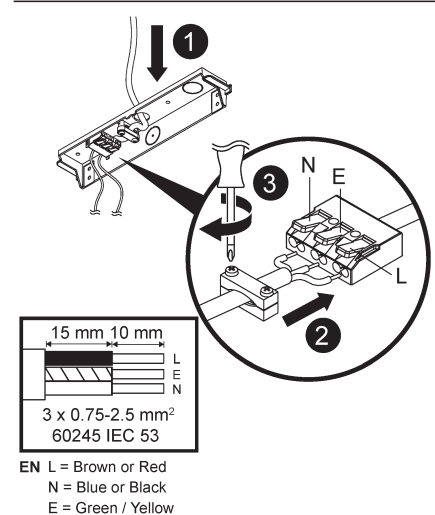
5A



02. x2

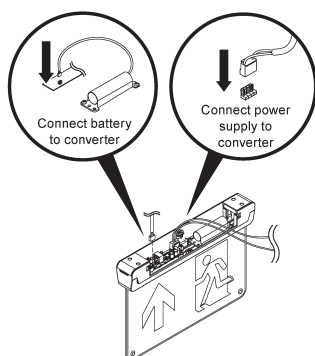


6A

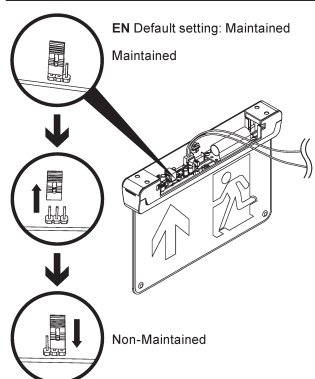


Wall Installation

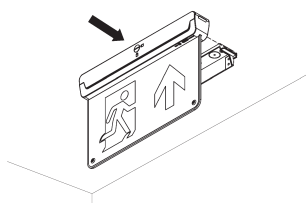
7A



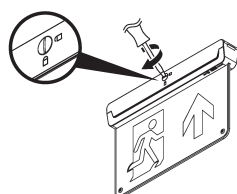
8A



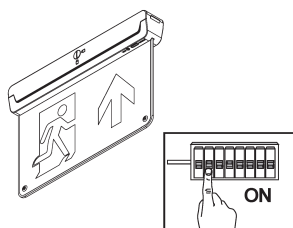
9A



10A

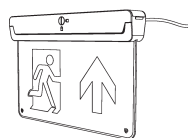


11A

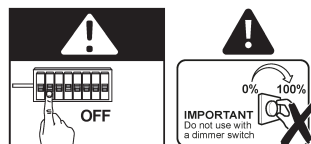


EN Wall Installation

B

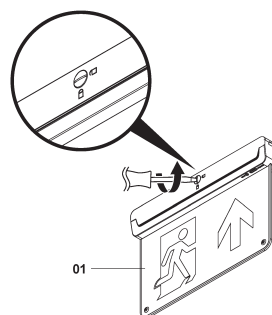


1B

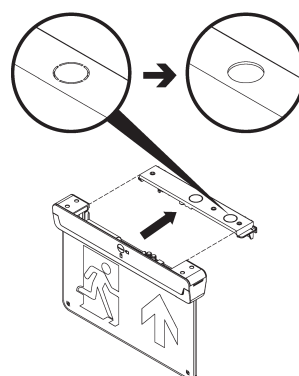


2B

01. x1

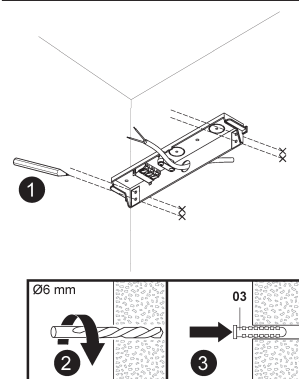


3B



4B

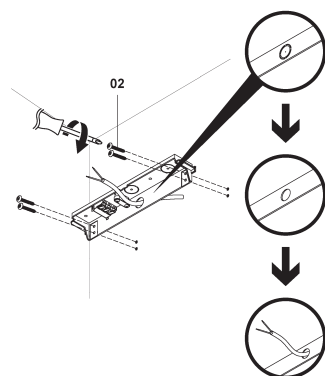
03. x2



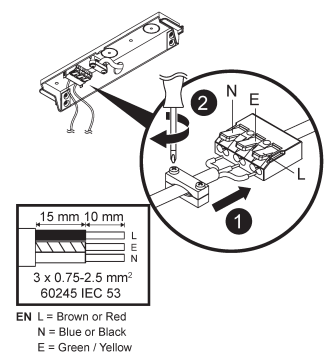
Flag Installation

5B

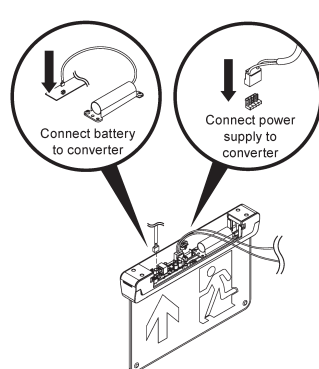
02. x4



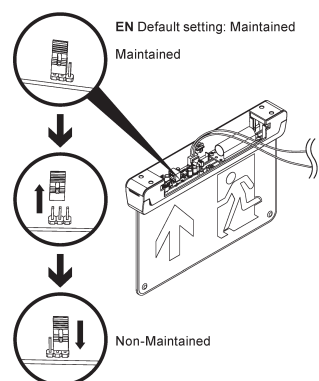
6B



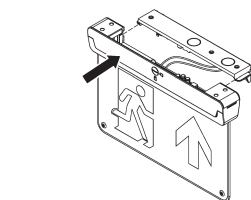
7B



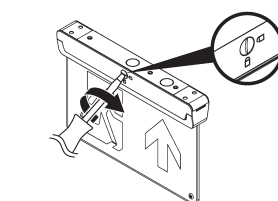
8B



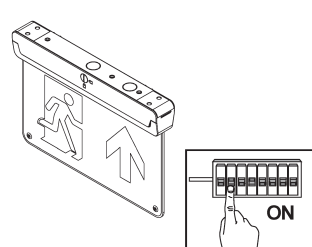
9B



10B



11B

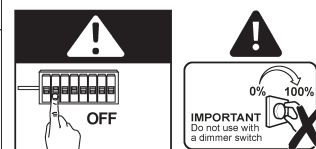


EN Flag Installation

C

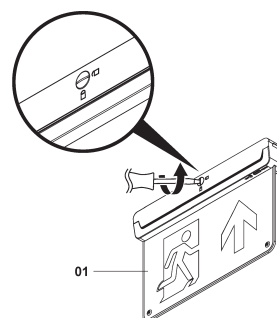


1C

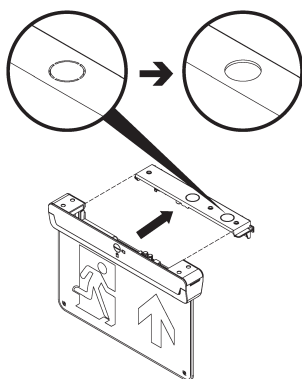


2C

01. x1

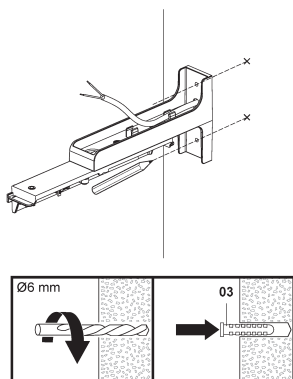


3C

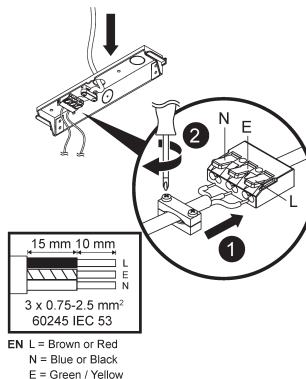


5C

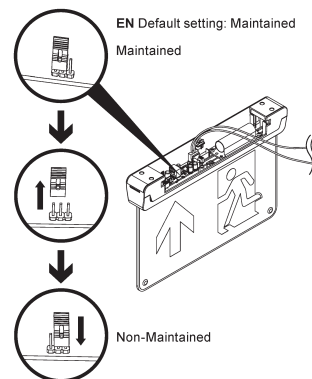
03. x2



7C

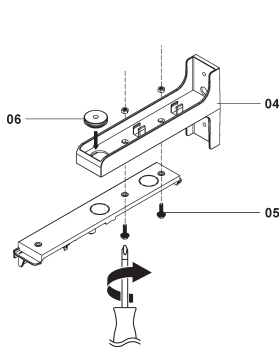


9C



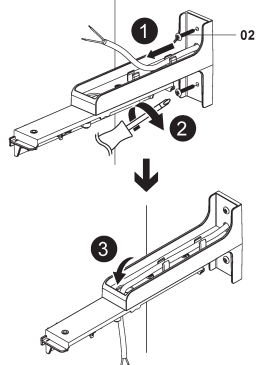
4C

04. x1 05. x2 06. x1

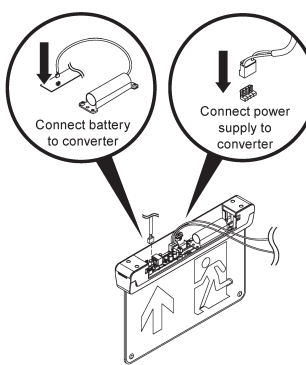


6C

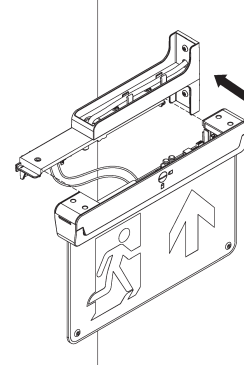
02. x2



8C

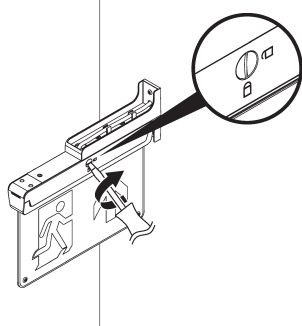


10C

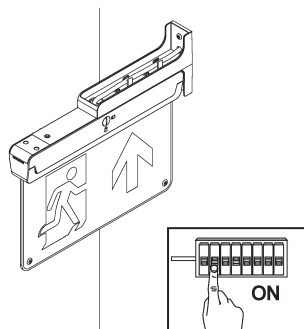


Pendant Installation

11C



12C

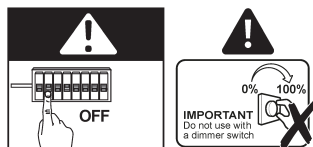


EN Pendant Installation

D

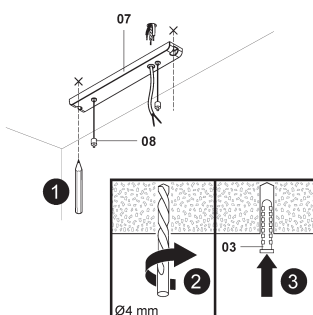


1D

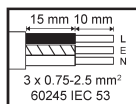
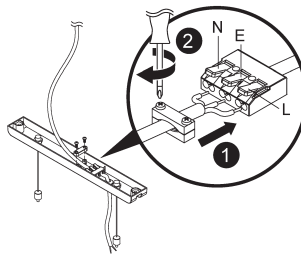


2D

03. x2 07. x1 08. x1



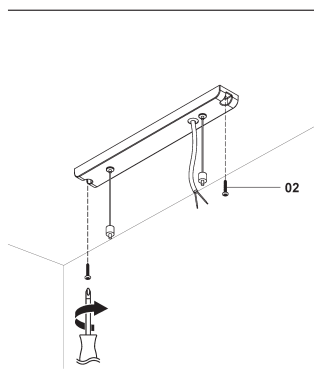
3D



EN L = Brown or Red
N = Blue or Black
E = Green / Yellow

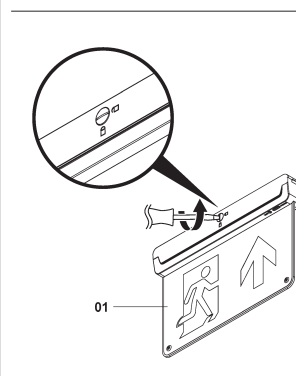
4D

02. x2



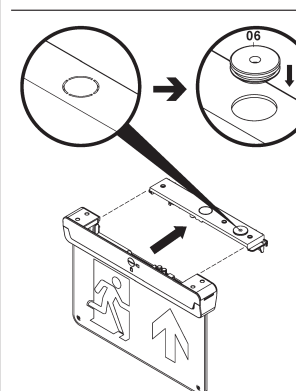
5D

01. x1



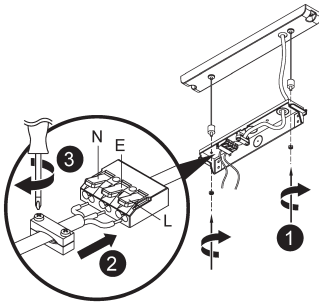
6D

06. x1



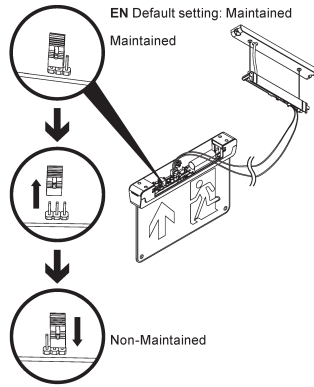
Care & Maintenance

7D

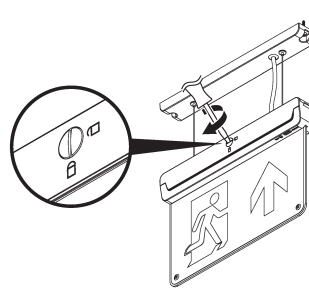


EN L = Brown or Red
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E = Green / Yellow

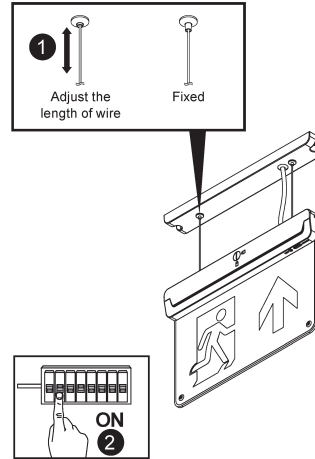
9D



11D



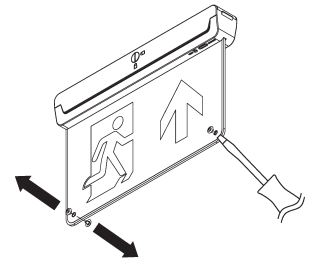
12D



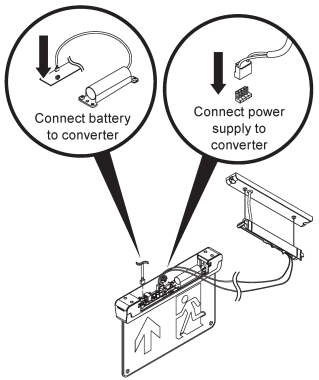
EN Care & Maintenance

01

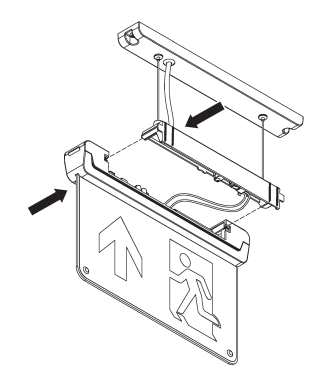
EN Signs replacement



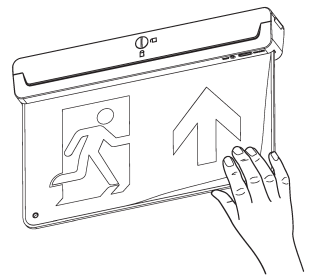
8D



10D



02

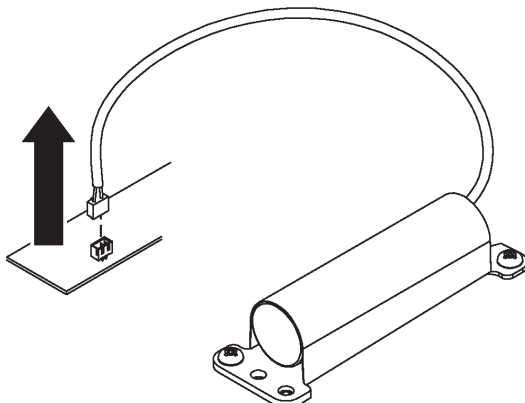


Care & Maintenance

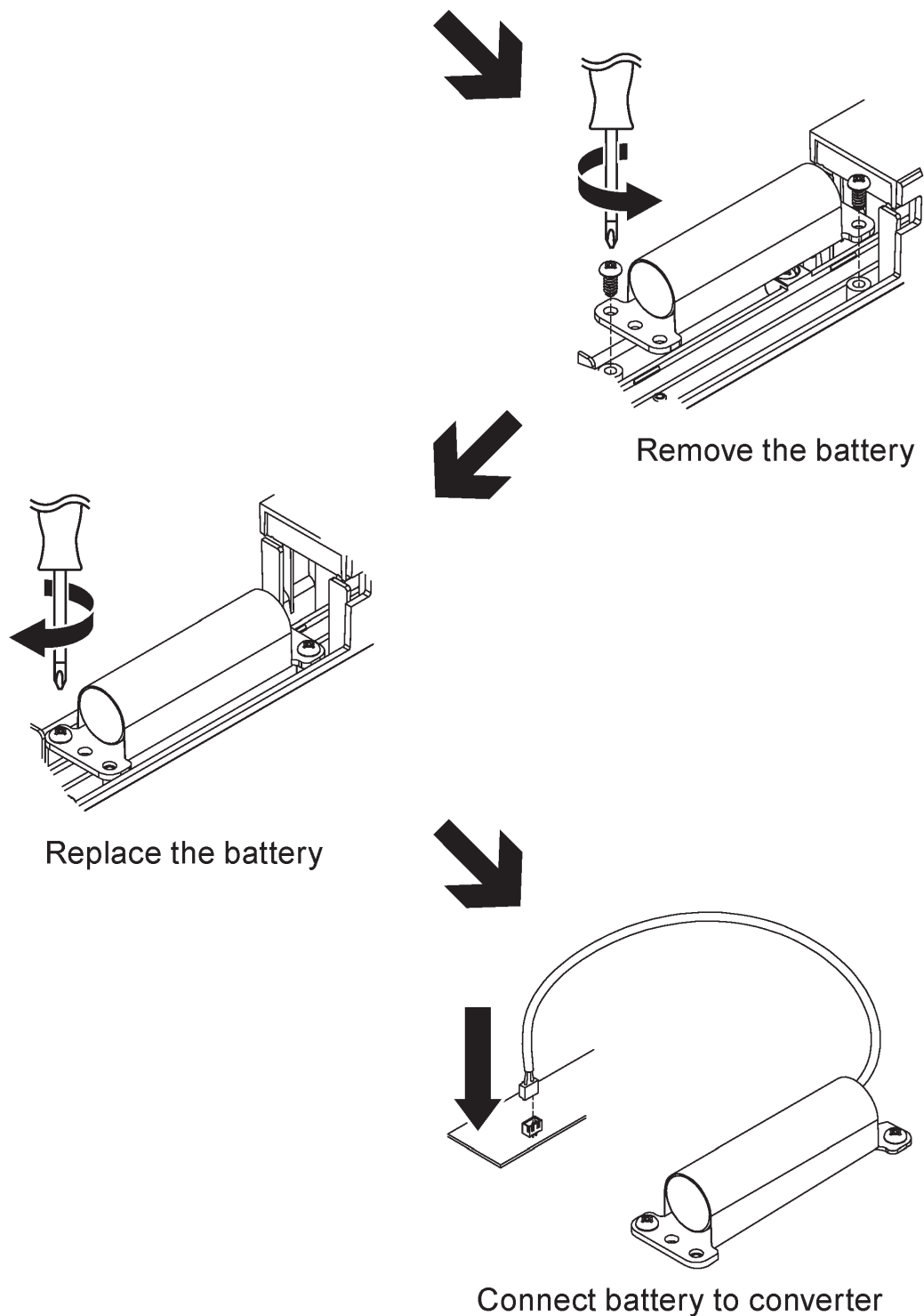
EN Care & Maintenance

07

EN Battery replacement 1 x 3.2 V 1100 mAh 18650 LiFePO4.
Replace only with the same or equivalent type.



Disconnect battery to converter



Testing Record

1. For indoor use only.
2. The luminaire must be installed by a qualified electrician and wired in accordance with the latest IEE Electrical regulations or the national requirements.
3. Turn off the power supply before checking, installation, maintenance or moving.
4. Do not switch on before complete installation.
5. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
6. Batteries shall only be replaced by the manufacturer or his service agent or a similar qualified person.
7. Batteries should be replaced when the luminaire no longer meets the 3 hours duration performance.

Product: _____ Location: _____

Installation Date:_____

Month	Functional / Duration	Year 1	Year 2	Year 3	Year 4	Year 5
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Self Test

Function Test









The function test is conducted every week for 1 minute to check whether the battery connection is abnormal and discharge the battery and the connection of LED module.

Duration Test

An initial duration test is conducted when the battery is connected to the controller for the first time and connected to mains, but after 24 hours charging.

The yearly duration test is conducted for 3 hours on one day within the 300th day to the 365th day every year. It will also check the connection of battery and LED module.

Description corresponding to the color and status of the charge indicator

Charge Indicator Color	Status		On Time (Seconds)	Off Time (Seconds)	Description
Green		Permanent on	/	/	Normal status when mains connected (See remark in below Note ^{***})
		Slow flash	1s	1s	Duration test running
		Fast flash	0.2s	0.2s	Function test running
		Normal flash three times only	0.5s	0.5s	Time reset
Red		Permanent on	/	/	Battery failure in normal and function test
		Slow flash	1s	1s	Lamp failure in function test and duration test
		Fast flash	0.2s	0.2s	Battery incapacity issue in duration test
Both Off		Off	/	/	Emergency mode

*** Remark – Lamp failure when non-maintained mode, the indicator will remain green color, the lamp failure will be detected during weekly functional test and the indicator light will turn red.
Failure indication status should be checked and rectified as soon as possible.

Test button for manual inspection on function test or duration test mode of operation

Duration	Description
Press for <2s	Simulate emergency mode.
Press for 3-5s	Start duration test manually. The test can be aborted by pressing off (1-2s). * Must be conducted when the initial duration test finished and after another 24 hours battery charging.
Press for 5-8s	Start Function test manually for 60s. The test can be aborted by pressing off (1-2s).
Press for >10s	Time Reset.

NOTE:

When the fitting first-time power on, press manual test button (if have) to perform initial test. When the mains is on, the green indicator will be permanent on. It will check the connection of battery and the connection of LED module.

The luminaries on which we want to perform the function and duration tests must be connected to the mains supply for at least 24 uninterrupted hours.

If the mains is switched off during the test performance, the test will be postponed for 3 days, and the duration test will be initiated automatically after 24 hours of charging.

When the fault is corrected, the indicator will only be reset to its normal status after mains reconnected or test switch pressed.

An accuracy of the timing of the test interval is ensured that it has an accuracy of ± 75 s per week. The timing function will be retained through periods of mains supply failure or interruption for up to 7 days.

Guarantee

We take special care to select high quality materials and use manufacturing techniques that allow us to create products incorporating design and durability. This product has a manufacturer's guarantee of 7 years (4 years for battery pack) against manufacturing defects, from the date of purchase (if bought in store) or date of delivery (if bought online), at no additional cost for normal use.

To make a claim under this guarantee, you must present your proof of purchase (such as a sales receipt, purchase invoice or other evidence admissible under applicable law), please keep your proof of purchase in a safe place. For this guarantee to apply, the product you purchased must be new, it will not apply to second hand or display products. Unless stated otherwise by applicable law, any replacement product issued under this guarantee will only be guaranteed until expiry of the original period guarantee period.

This guarantee covers product failures and malfunctions provided the product was used for the purpose for which it is intended and subject to installation, cleaning, care and maintenance in accordance with the information contained in these terms and conditions, in the user manual and standard practice, provided that standard practice does not conflict with the user manual.

This guarantee does not cover defects and damage caused by normal wear and tear or damage that could be the result of improper use, faulty installation or assembly, neglect, accident, misuse, or modification of the product. Unless stated otherwise by applicable law, this guarantee will not cover, in any case, ancillary costs (shipping, movement, costs of uninstalling and reinstalling, labour etc), or direct and indirect damage. If the product is defective, we will replace or refund, within a reasonable time.

Rights under this guarantee are enforceable in the country in which you purchased this product. Guarantee related queries should be addressed to the store you purchased this product from. The guarantee is in addition to and does not affect your statutory rights.

Manufacturer:

UK Manufacturer:

Kingfisher International Products Limited,
1 Paddington Square, London, W2 1GG,
United Kingdom

EU Manufacturer:

Kingfisher International Products B.V.,
Rapenburgerstraat 175E,
1011 VM Amsterdam,

The Netherlands

EN www.diy.com / www.screwfix.com / www.screwfix.ie

To view instruction manuals online,

visit www.kingfisher.com/products

Made in China

Specifications

- EAN: 5059340964317
- Impala Ref: PRJ31756
- Page Size: A4
- 4 in 1 kit Emergency Sign

FAQ

Q: What is the charging time for this product?

A: The charging time for this product is 24 hours.

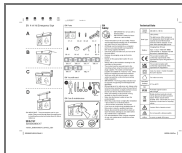
Q: What does the manufacturer's guarantee cover?

A: The manufacturer's guarantee covers manufacturing defects for a period of 7 years (4 years for the battery pack) from the date of purchase or delivery, provided the product is used as intended and maintained according to instructions.

Q: Can I use this product with a dimmer switch?

A: No, this product should not be used with a dimmer switch to avoid risks of electric shock.


Documents / Resources



[Lexco LXEL02-MFS Emergency LED Exit Light](#) [pdf] Installation Guide

LXEL02-MFS Emergency LED Exit Light, LXEL02-MFS, Emergency LED Exit Light, LED Exit Light, Exit Light, Light

References

-  [B&Q | DIY Products at Everyday Low Prices | DIY at B&Q](#)
- [User Manual](#)

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