



Installation Instructions

Read thoroughly before installation, save these instructions for future use.

These instructions do not purport to cover all details for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be required or should a particular problem arise which is not covered sufficiently for the purchaser's purpose, the matter should be referred to LEDspan Limited.

General:

This LED Walk-On Fixture Bottom Access is designed for use in cleanroom panel ceilings. It has a flush finish in the cleanroom and on top the ceiling panel. Correct results will be obtained when installed by a competent & qualified person.

Safety Instructions:

- i. **Warning – Risk of Shock** – Disconnect power before installation.
- ii. **Warning – Risk of fire or electric shock** – Installation requires knowledge of luminaire electrical systems. If not qualified do not attempt installation. Product must be installed in accordance with relevant and current electrical and building regulations. If you are not familiar with codes and requirements, contact a qualified electrician.
- iii. **Warning** – To prevent wiring damage or abrasion, do not expose wire to any edges or sharp objects.
- iv. Do not alter any part of the fixture as this can affect safety and performance and will void any warranty.
- v. Avoid touching the light engine and leave any protective wrap on the lens of the fixture until the light has being installed.
- vi. All local and International wiring laws/guidelines should be followed by a competent person.
- vii. All internal procedures must be adhered to.

Contact Details:

LEDspan Ltd, The Prince, Castlecomer, Co. Kilkenny, Rep. of Ireland.

W: www.LEDspan.com E: info@LEDspan.com

N.B. The electrical connection to this fitting must only be carried out by a competent electrician.

Installation or removal of this luminaire is a two-person exercise, with one person positioned safely on the walk-on ceiling and one person positioned in the clean room underneath.

Warning – Disconnect power before installation.

1. Ensure the ceiling aperture / ope is cut to the correct size, slightly larger than the upstand frame.
2. (Person1): Remove the walk-on plate from the upstand frame by removing the 8 bolts. Offer the upstand frame up into the ceiling panel aperture from the cleanroom. Feed the cable flex through the aperture also until luminaire frame finishes flush with the ceiling.
3. (Person 2): From position on the walk on ceiling, take the walk-on plate (Fig 1) and place it in the aperture, align with the upstand frame and the using the 8 bolts, bolt the plate and frame together so that the fitting clamps around the ceiling panel. (Fig 2).
4. Attached the power connections to the LED Plate and place the LED plate in the fixture (Fig 2). Using the brass stand-off legs and the wings nuts securing the plate in place.
5. Close the fixture using M5 bolts provided in the diffuser frame (Fig 3).
6. If removing this Luminaire, Person 1 must stand underneath the fitting and support the weight while person 2 removes the bolts on top of the fitting. A 2-way communication, e.g. walkie talkie system must be used. Do not attempt to remove the top plate bolts without the 2nd person stationed underneath.

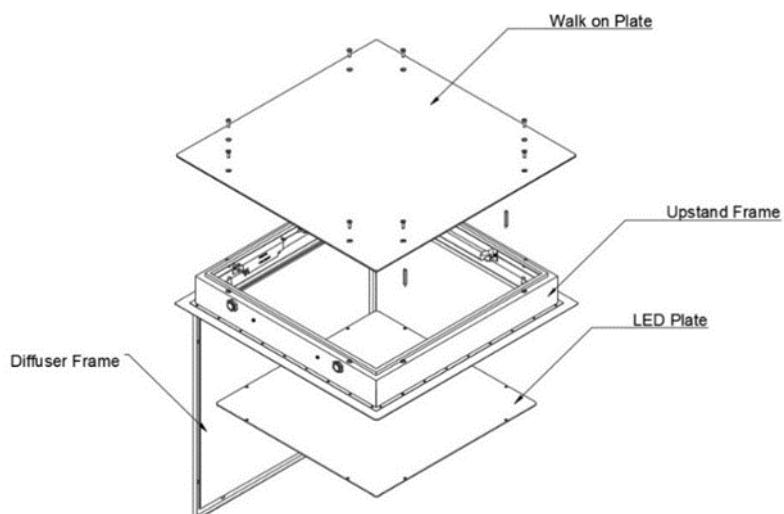


Fig 1

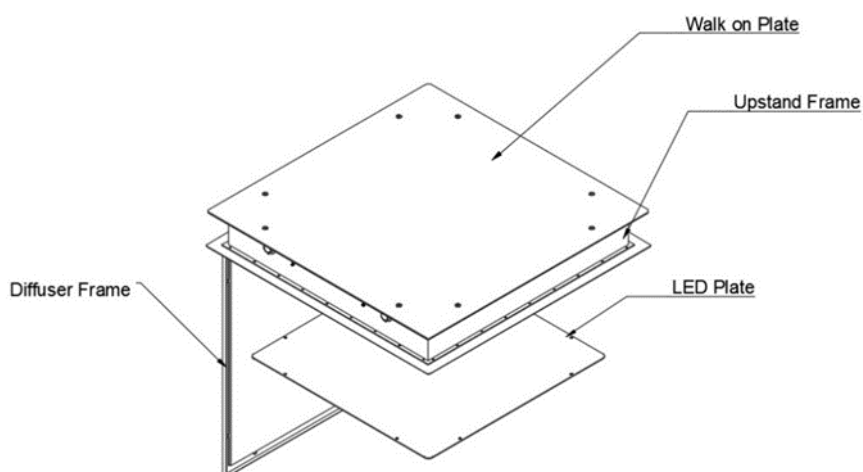


Fig 2

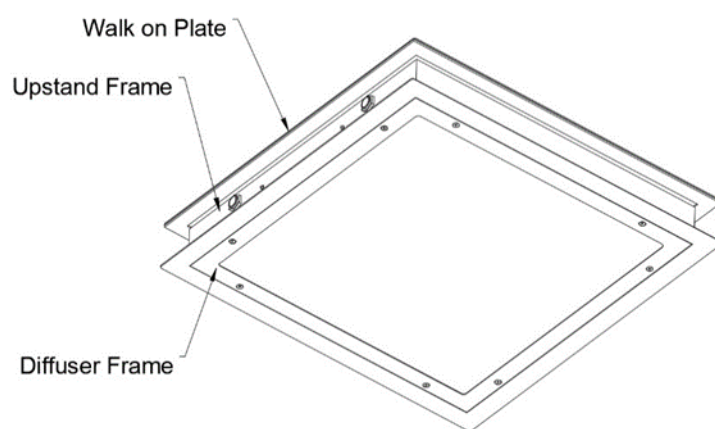


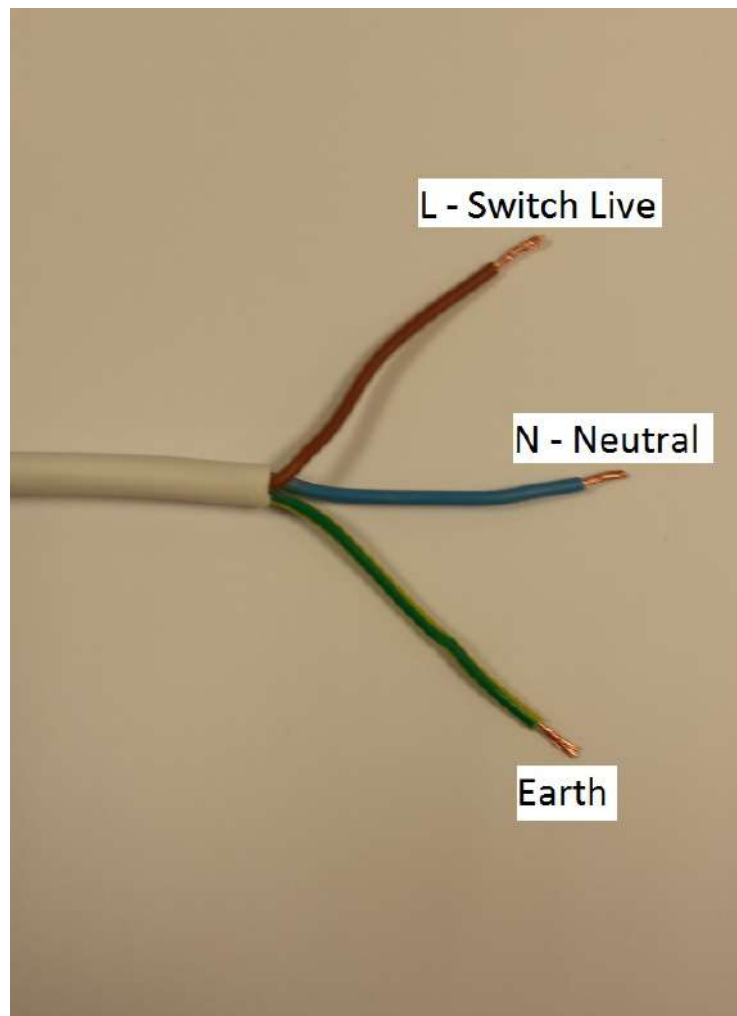
Fig 3

Wiring of a Standard & Emergency LEDspan Walk-on Fixture

Instructions:

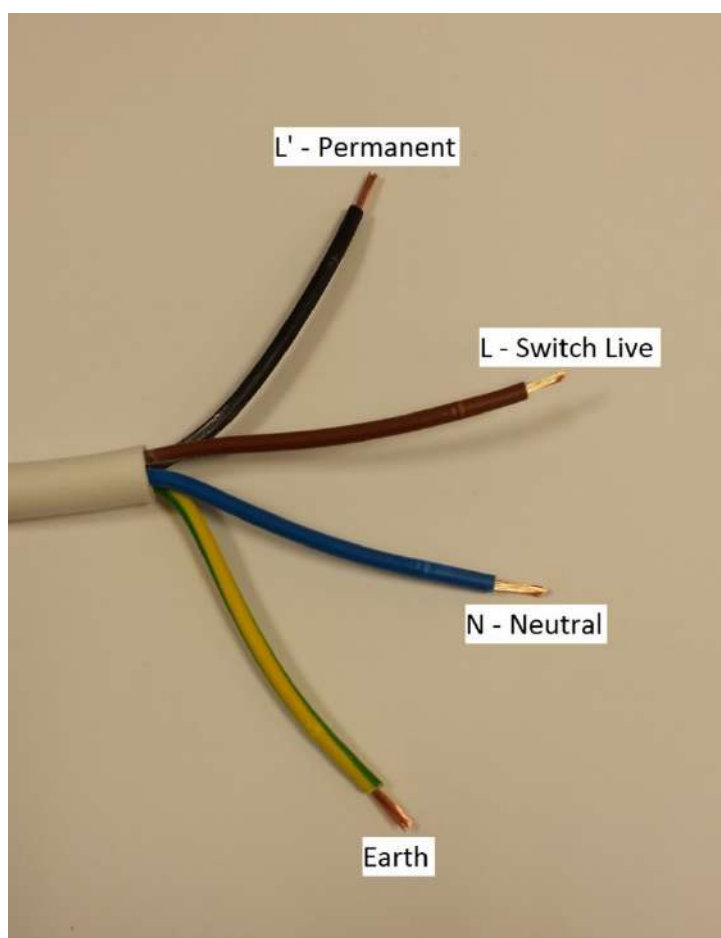
The standard Fixture comes with approx. 2-3m Flex. The flex is 3 core 0.75mm² cable (Image below).

Symbol	Description	Colour
L	Switch Live	Brown
N	Neutral	Blue
Earth	Earth	Green/Yellow



The Emergency Fixture comes with approx. 2-3m Flex. The flex is 4 core 1.0mm² cable (Image below).

Symbol	Description	Colour
L'	Permanent Live	Black
L	Switch Live	Brown
N	Neutral	Blue
Earth	Earth	Green/Yellow



Delivery / Storage & Packing Instructions

PACKAGING CHARACTERISTICS

- Handle with care
- Strapped bundle on a wooden pallet
- All boxes stacked flat on their back and not on their side
- No more than 48 LED lights per pallet
- Each individual light is packed in a double walled cardboard box to give double protection to the top and bottom of the Light
- Each light is enclosed in a plastic bag
- 20mm of Styrofoam protecting the top, bottom and sides of the fixture

STORAGE CHARACTERISTICS

- Always store in the original packaging.
- Stack all boxes flat on their back and not on their side.
- Store indoors at all times.
- Storage temperature not below -20° and above + 80°.

Emergency Lighting (EL) batteries

LEDspan EL batteries are typically Lithium Ion. These batteries have a 4-year life if installed and maintained properly.

Batteries must only be stored and installed within the manufacturers recommended limits.

Batteries can be discharged over a large temperature range, but the charge temperature is limited. For best results, charge between 10°C and 30°C, (0°C to 40°C max range).

Avoid frequent full discharges of the lithium batteries.

Contact Details

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W: www.LEDspan.com

E: info@LEDspan.com

LIMITATION OF LIABILITY:

REPAIR OR REPLACEMENT OF THIS PRODUCT, AS PROVIDED HEREIN, IS YOUR EXCLUSIVE REMEDY. LEDspan SHALL NOT BE



LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST REVENUES, LOST PROFITS, RENTAL OF REPLACEMENT EQUIPMENT, DOWNTIME, DAMAGE TO PROPERTY, AND THIRD-PARTY CLAIMS, ARISING OUT OF ANY THEORY OF RECOVERY, INCLUDING WARRANTY, CONTRACT, STATUTORY OR TORT.

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W: www.LEDspan.com

E: info@LEDspan.com

LEDspan LTD, The Prince, Castlecomer, Co. Kilkenny, Rep. of Ireland.

TEL: + 353 (0) 56 44 00088

