1 Important Notes

Important Notes

- The Installer is advised to study these instructions thoroughly prior to commencing.
- Care is required at all times when using mains electricity.
- The Flexible Lighting is robust, but susceptible to internal breakage if bent too tightly or pulled along its length. To minimise these risks, switch the lights on before fitting to improve flexibility and handle with care.
- NOTE: The Lighting can only be cut at 1m intervals, and can be repaired via partial replacement if required.
- The aluminium Lighting Track is very hard to remove without damage once fitted, so care is required in placement.
- To comply with Building Regulations, domestic electrical installations must be completed by a competent person, who is registered under one of the electrical self-certification schemes (operated by either BSI / BRE / ELECSA / NICEIC / NIC or NAPIT).
- Final permanent connection to the mains power supply must be made by a competent registered person.

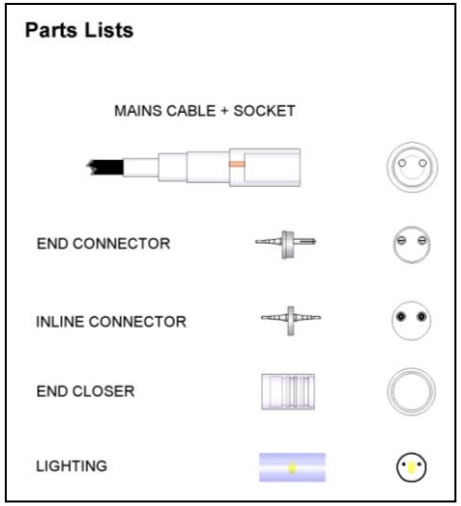
Tools Required

- Hacksaw
- Pliers
- Screw Driver
- Rubber Mallet
- Small wooden block
- Gasket Shears.

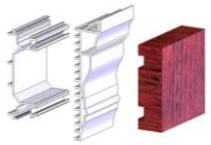
Additional Parts Required

- 2 core 0.75mm² Electrical Cable (of suitable length)
- 2 core Cable Connector,
- Electrical Insulating Tape
- Wall switch / Dimmer switch / 3 Pin Plug fitted with 5 Amp fuse. Fuse supplied in black plug.

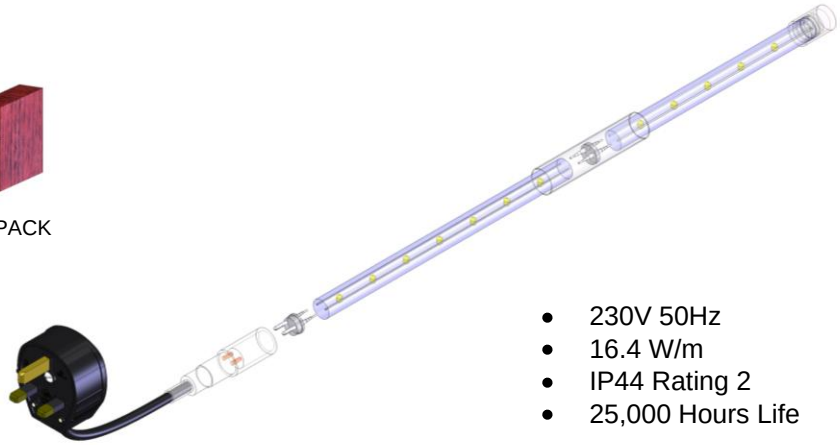
Parts Lists



2 Lighting Preparation



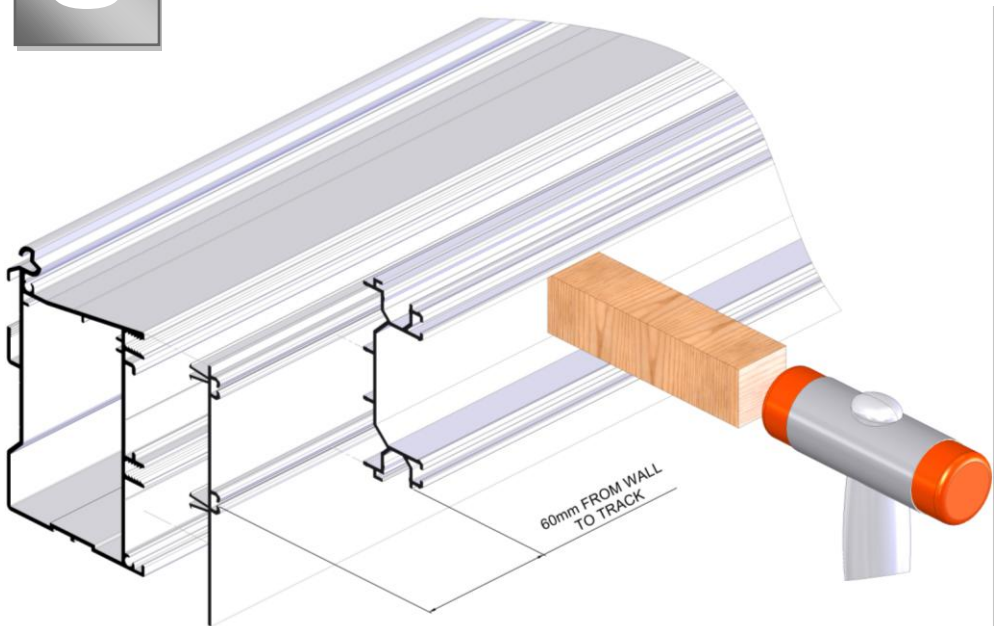
INSTALLER AID PACK



- 230V 50Hz
- 16.4 W/m
- IP44 Rating 2
- 25,000 Hours Life

1. Cut the Lighting to length (as per internal Eaves Beam length, rounded up to the nearest metre) and make a clean straight cut using a junior hacksaw at the positions marked with a scissor symbol.
2. Fit an End Closer Cap to one end.
3. Fit an End Connector to the other end, aligning and pushing the sharp pins into the Lighting, ensuring the pins are in the centre of the wires and the connector is inline with the outside of the Lighting.
4. Connect the Mains Cable to the Lighting, noting the orientation of the socket to the round pins which are off-centre.
5. Plug the Lighting into a power supply and check the entire length is lit.
6. If a replacement section is required, cut out the unlit section and splice a new section in using the Inline Connector and Sleeving Kit.
7. Once complete disconnect from the power and glue the End Closer Mains Cable to the Lighting using the glue provided.

3 Fit Lighting Track

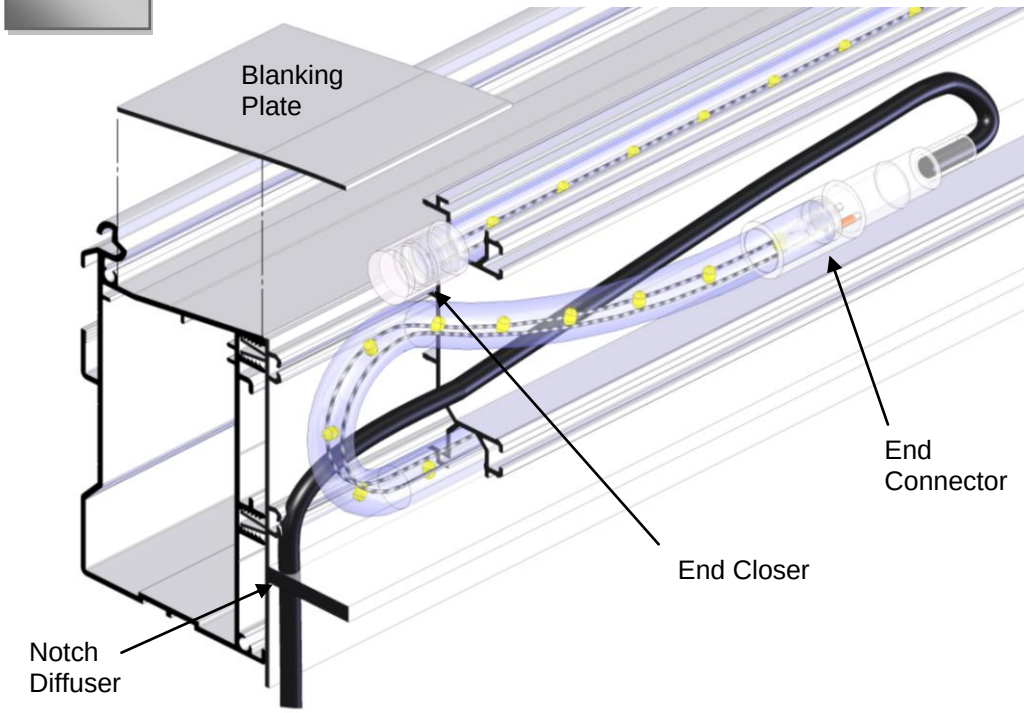


Lighting Track Gap at Corners

At Wall = 60mm Gap - Heritage Cladding flush with wall.
At Edwardian Corner = 60mm Gap - Align Heritage Cladding with end of track.
At Victorian Corner = 30mm Gap - Align Heritage Cladding with end of track.
At External Corner = 15mm Gap - Heritage Cladding 25mm past end of track.

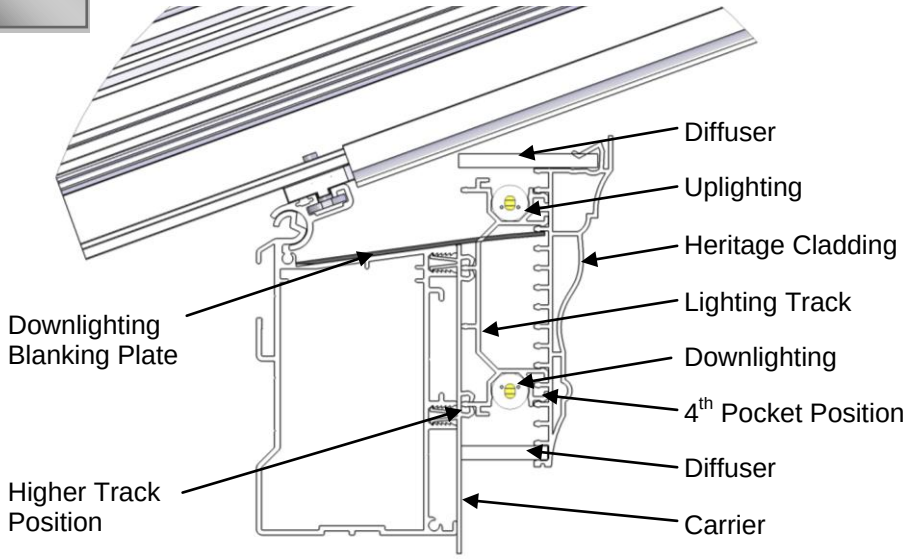
1. Fit
2. Lo
   location.
3. Position Track horizontally so that there are correct gaps at each end.
4. Use a Rubber Mallet and small wooden block to knock the Track into the teeth of the Carrier, whilst supporting the other end, by striking a blow every 3-4" along its length alternating top and bottom.
5. **NOTE**: If an Eaves Beam mounted Tie Bar is present: prepare Eaves Beam, PVC Carrier, Lighting Track and Heritage Cladding before commencing, as described on the next page.

4 Fit Lighting



1. Fit the Downlighting first. Orient the lighting so the thin central wire joining the bulbs together is facing downwards.
2. Starting at the end furthest from the power supply, push the Lighting into the lower channel keeping the bulbs pointing downward. On reaching a corner a smooth sweep is required (Ø50mm or greater) to prevent breaking the internal wiring.
3. At the end of the track, carefully fold the excess lighting back into the centre of the Lighting Track (as shown) ensuring as large a bend as possible and secure with electrical tape.
4. If possible reconnect the power supply to check all the lighting is lit.
5. To fit the Uplighting, repeat as above starting at the end nearest the power supply. Fold the excess into the empty channel.
6. Run cable around perimeter back to power supply.

5 Heritage Cladding



Fitting Position

> 20' roof pitch use Track in Higher position, with Heritage Cladding in the 4th Pocket Position (as shown)

< 20' Fit to Suit

1. Insert the Diffuser Strips into the lowest pocket of the Heritage Cladding, and fix with glue provided in the connector packs. At a wall end ensure it is fitted level with the end of the cladding. The Diffuser will need to be cut to length so initially omit the final strip into the corner. At a power supply end notch the Diffuser to allow the electrical cable to pass through.
2. Locate the Cladding at the desired height position and tap home. If Uplighting is used ensure the top pocket is available to fit the upper Diffuser. Leave the last metre of Cladding unattached, so the final piece of Diffuser can be measured, cut to suit and fitted. The Diffuser can be cut square at Edwardian corners, however a 22.5˚ mitre is required for Victorian corners.
3. If Uplighting is used the upper Diffuser can be assembled after the Heritage Cladding has been fitted.

6 Finishing Off

1. Fit Heritage Corner Trims as per **BOOK 3.**
2. At the wall end of the Lighting Track it is recommended to fit a Blanking Plate to the top of the Eaves Beam, which prevents undesired light spilling onto the glazing. (Note: this not required when using Uplighting).
3. To comply with Building Regulations, domestic electrical installations must be completed by a competent person, who is registered under one of the electrical self-certification schemes (operated by either BSI / BRE / ELECSA / NICEIC / NIC or NAPIT).
4. Final permanent connection to the mains power supply must be made by a competent registered person

Replacing Sections of Lighting

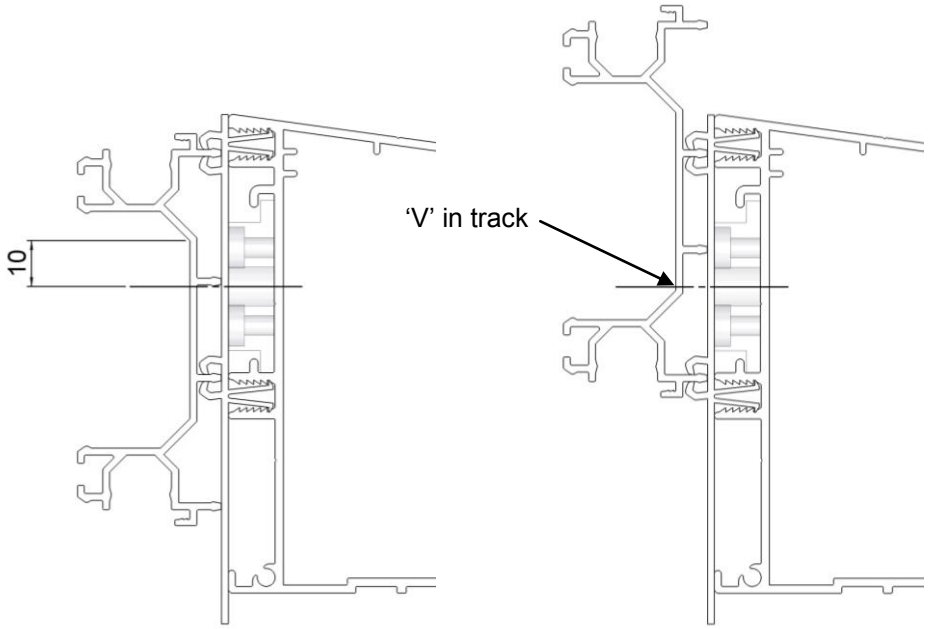
1. Identify the section of lighting that is to be replaced.
2. Remove the Heritage Cladding and Trims where required.
3. Disconnect Lighting from power supply.
4. Pull out the Lighting from the track until the desired section is reached.
5. At the CUTTING MARK only make a straight clean cut.
6. Slide the protective sleeve over the remaining lighting.
7. Insert the inline connector, connect the replacement lighting and reposition the sleeve to cover the joint.
8. Insert the second inline connector and sleeve and connect the remaining lighting.
9. Re-connect to power supply to check lighting.
10. Re-assemble Lighting and Cladding as above.
11.

WEEE- WASTE ELECTRICAL & ELECTRONIC EQUIPMENT REGULATIONS

Household Lighting (other than fluorescent strips and filament bulbs) is subject to WEEE requirements. Therefore Householders may not dispose of the Luminaire Flexible Lighting with household waste, but must either use designated facilities at Local Amenity Refuge Centres, or have the right to take-back equipment to the supplier without charge, for environmentally sound disposal.

7 Tie Bar Preparation

Luminaire Lighting



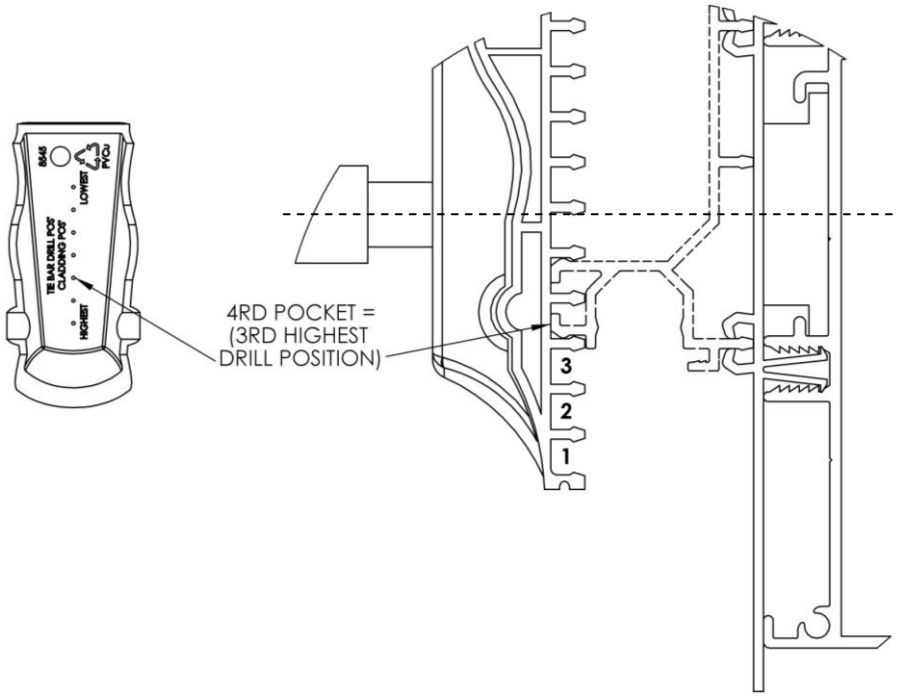
Lower Position

Upper Position

1. When fitting a Tie Bar a hole is required in the Lighting Track.
2. The Track has two possible positions to suit the roof pitch.
3. Drill Ø13mm hole where appropriate.
4. Ensure the hole aligns with the hole in the Carrier.

8 Tie Bar Cover Trims

Luminaire Lighting



1. When using the Luminaire Lighting Track drill the Cover Trim one position lower than the pocket being used, see above for example.
2. Having made a note of the pocket position. Drill Ø10mm hole in Tie Bar Cover Trim.
3. Use this as a template for drilling Ø13mm hole in the Heritage Cladding. Ensure the hole aligns with the hole in the Carrier and Track.
4. Continue to assemble as instructed on Page 2.
5. Fit Tie Bar as instructed in **BOOK 4.**