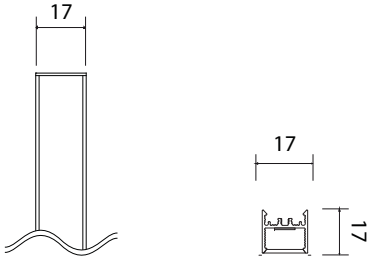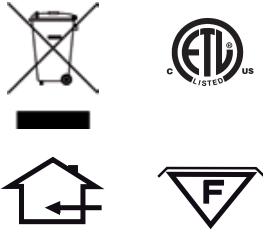# whitegoods

installation instructions
20 linear surface mount:

SM20LED-(mm)

17

17

17

⚠ Ensure all mains power is switched off at source.

⚠ Do not attempt installation or maintenance on electrically live product.

⚠ Installation and maintenance to be carried out only by a qualified electrician or electrical contractor.

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inter·lux

installation

1 - Mark out holes for wiring entrance 2" from end of each LED fixture housing and mark out holes for mounting clips.
  - distribute fixing clips equally through out the length of the installation (install mounting clips 4" from end of housing and one at center 3ft and above).
2 - Drill holes 11/16" Ø for supply wires. See application layout drawings for power feed location. Remove any insulation or obstruction from wiring.
3 - Extend plenum rated cable from each housing to remote mounted driver.
4 - Secure fixing clips with screw type (not supplied) as required compatible with mounting surface for secure attachment.
  - Continue this process for the each LED fixture housing.

① ② ③ A/C

11/16" 11/16"

drill hole   drill hole

④ 2" EQ EQ 4"

2" 2"

screw

LED fixture housing

LED fixture housing
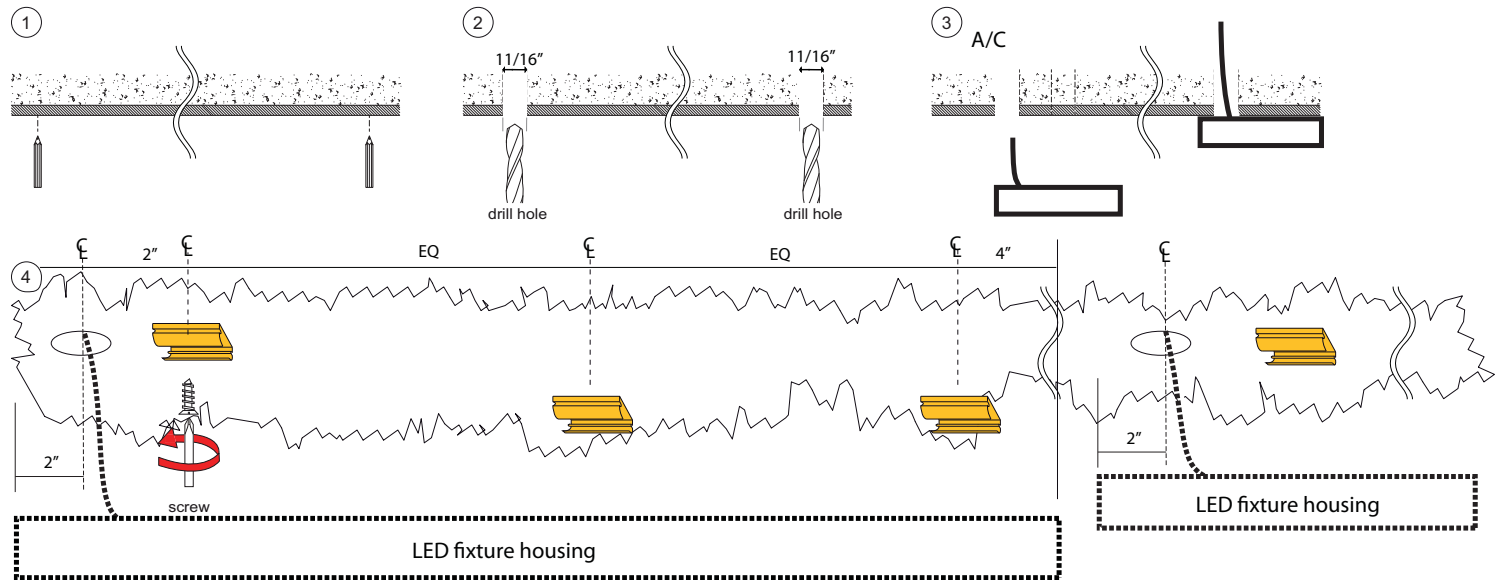
wiring connection

5 - Hard wired plenum rated cable 18/2 supplied (length as ordered). Extend and connect to remote driver.
  note: connect supply wires to remote driver. Parallel wiring required. Positive to Positive and Negative to Negative.
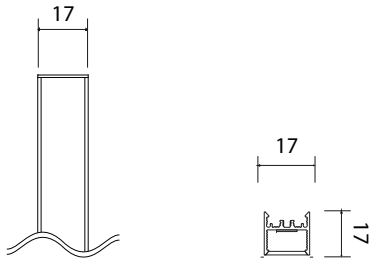
⑤
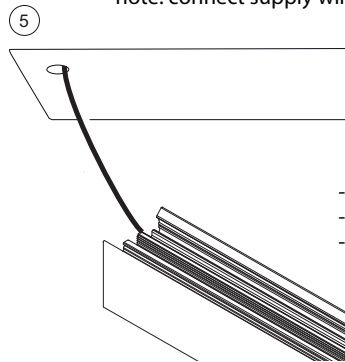
- IMPORTANT: Constant voltage LEDs supplied require parallel wire connections. Positive to Positive and Negative to Negative.
- Follow this process for the remaining LED modules
- Once the connection has been made feed the wire and the connector through the hole made in the ceiling.

whitegoods

installation instructions
20 linear surface mount:

SM20LED-(mm)

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17

17

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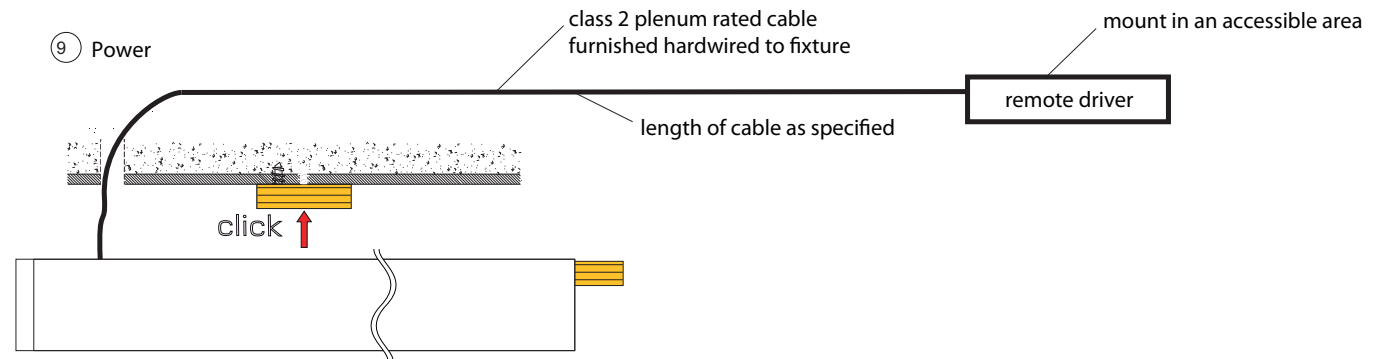
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joiner connecting bracket installation

6 - Slide the connecting joiner to the LED housing so that half the connecting joiner is still exposed.
7 - Fix 2 no. grub screws in place to secure the connecting joiner to the LED housing.
   Follow these steps for the remaining LED housings.
8 - For adjoining LED housing, slide the adjacent housing onto the adjacent housing with fixed connecting joiner.

⑥ ⑦ ⑧

push extrusions together
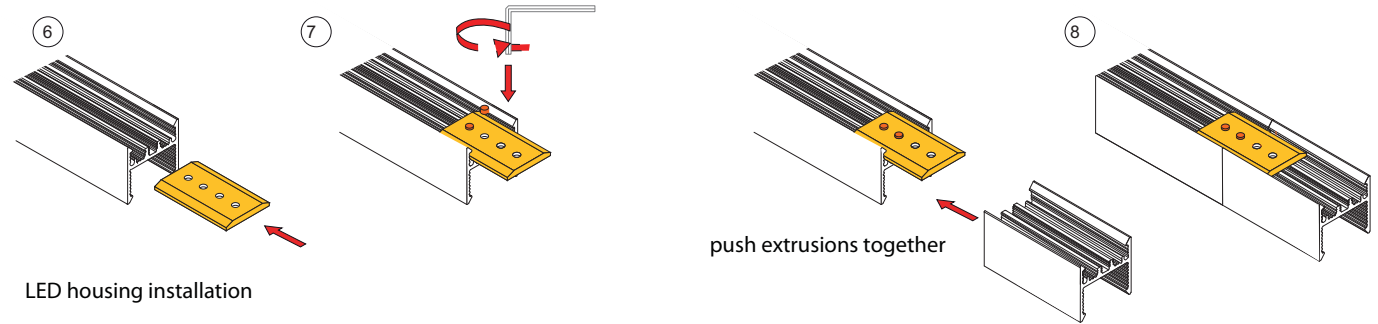
LED housing installation

9 - Connection to constant voltage PCB is required for each extrusion section.

⑨ Power

class 2 plenum rated cable
furnished hardwired to fixture

mount in an accessible area

remote driver

length of cable as specified

click ↑

module installation

10 - Connect the wired LED housing to the mounting clips.
   - Attach each remaining wired LED housings to mounting clip.
   - Diagram below illustrates schematic of multiple power feeds. Connection to remote driver required for each power feed.

⑩

Class 2 plenum cable to driver

Class 2 plenum cable to driver

Class 2 plenum cable to driver
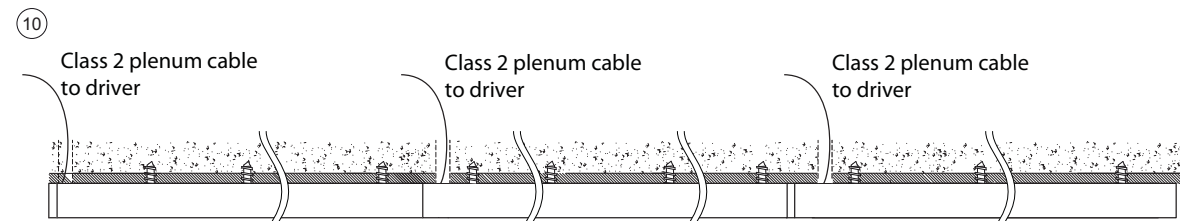
Fixing connected modules

11 - Ensure the connected module(s) have been securely wired then attach to mounting clips and slide onto joint connector.

power feed cable

mounting clip

(11)

click

starter / end
(with end cap)

joint connector

click

starter / end
(with end cap)

click

mid
(no end caps)

joint connector

click

starter / end
(with end cap)

click

mid
(no end caps)

click

mid
(no end caps)

joint connector

click

starter / end
(with end cap)

click

mid
(no end caps)

click

mid
(no end caps)

click

starter / end
(with end cap)