KOVE LED MINI

CLASSIC RECESSED 10 KIT FORM

DATE	September 2025	CODE	KLLED-M-I-K5	A

Intralux

Mounting Clip

Appropriate Fixing

Profile
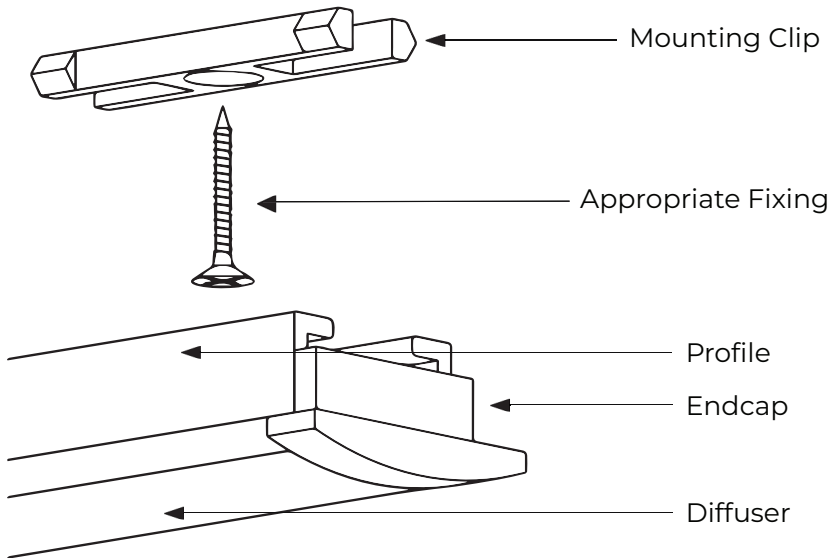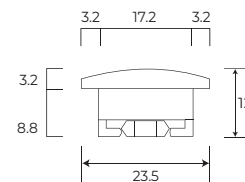
Endcap

Diffuser

SUPPLIED PARTS

Diffuser
Classic Recessed 10 Profile
Mounting Clips
LED Strip with solded tail
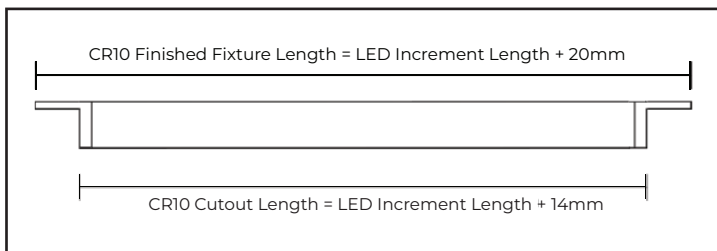2x endcaps per run

REQUIRED FOR INSTALLATION

Appropriate Fixing - see notes below
(1 per Bracket)

CRITICAL DIMENSIONS

3.2 17.2 3.2
3.2
8.8
12
23.5

Cut Out Length Calculations

CR10 Finished Fixture Length = LED Increment Length + 20mm

CR10 Cutout Length = LED Increment Length + 14mm

ESD Warning!

Always ensure to discharge yourself of all charge by touching a grounded, bare metal surface or approved anti-static mat before handling device. This product contains parts and assemblies susceptible to damage by electrostatic discharge.

24V+ INTRALUX KLLED-M-10-930 342025 24V+
24V- R1 24V-
50mm
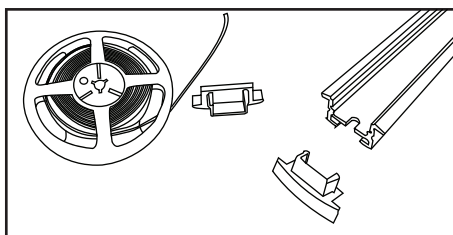
1. Identify all parts required for each kit form run being assembled.

Kit Form orders will be supplied to lengths as requested. Ensure lengths onsite have not changed. Once LED Strip has been placed in the channel, it cannot be removed.

Intralux will always supply a routed out profile to accommodate wire exit in starter fitting. Ensure this fitting is placed in the correct location for the run.
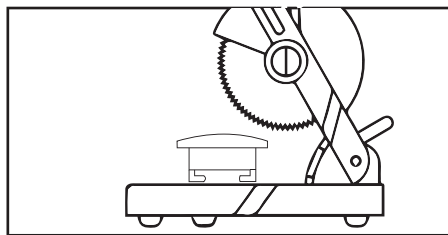
2. If length alterations need to be made, please do the following:

Tips for a good finish:
We recommend using a mitre saw fitted with a fine-tooth multi material blade.

We recommend installing the diffuser to the profile and cutting both at once. The diffuser should always face the saw blade, and care should be taken to cut slowly at the beginning and end of the cut as to reduce the likelihood of the blade catching the diffuser and breaking it.
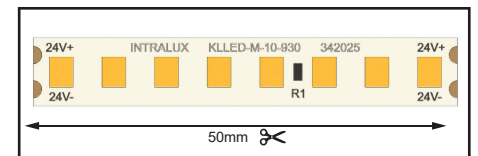
To shorten LED Strip:
Always shorten from the end without the pre-solded tail. Only cut LED Strip on 50mm increment.
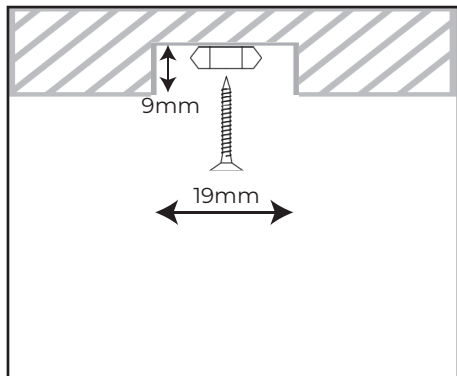
3. Mark and pre-drill screw holes prior to inserting mounting screws through Mounting Clips.

Mounting Clip suggestions
0-1000mm = 2 mounting clips
1050- 1550mm = 3 mounting clips
1550- 2050mm = 4 mounting clips
2050- 2550mm = 5 mounting clips

NOTE:
Mounting fastener must be flush (or below) the top of the mounting clip when installed. Appropriate fastener – most 4G/#4 screws – CSK only.
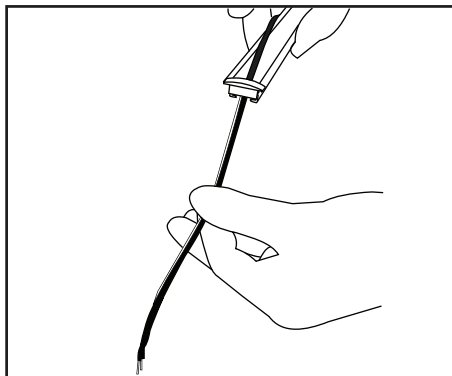

4. Thread the LED Strip wire through the routed out section the profile prior to attaching endcap.
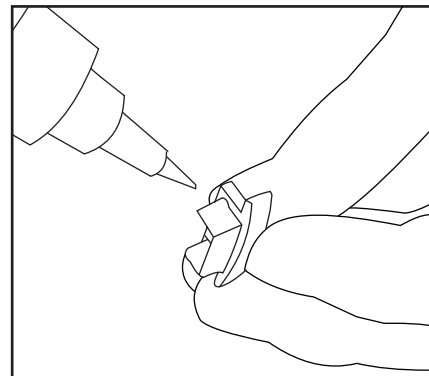
5. Using the Loctite 460 Instant adhesive or similar, dab some glue in each corner making contact with the profile.

For continuous runs when assembly is required use a low odour + Low Bloom instant such as '**LOCTITE 460 INSTANT ADHESIVE**' or a similar adhesive for attaching endcaps to the end of the profile.
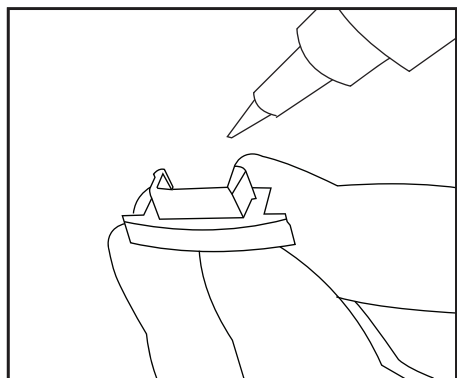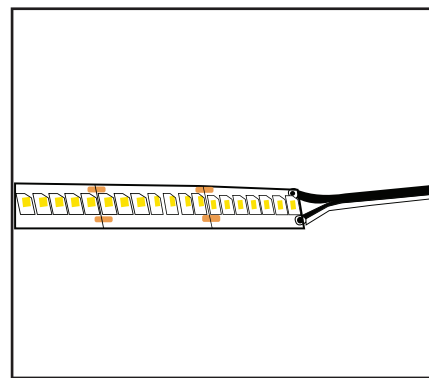

6. Once each point has been glued, push the endcap onto the end of the profile.

Hold in place until glue has set otherwise end cap will fall off.

(Recommended hold time 30-60 secs)
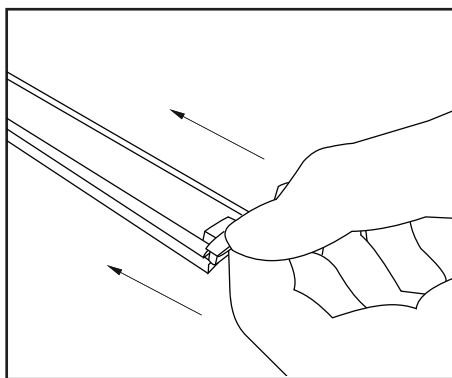
7. Once endcap is pushed on the end of the profile, wipe any excess glue that may seep out.
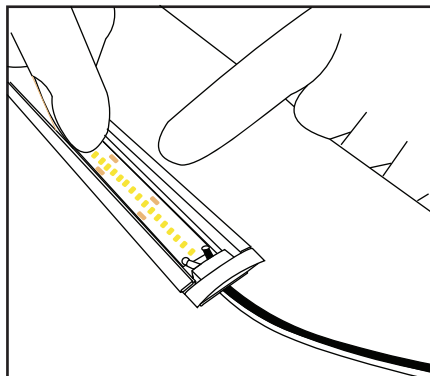

8. The LED Strip will be provided on a spool which reduces the touching of the LED Strip.

We recommend the use of clean powder free gloves when applying the strip to the profile.
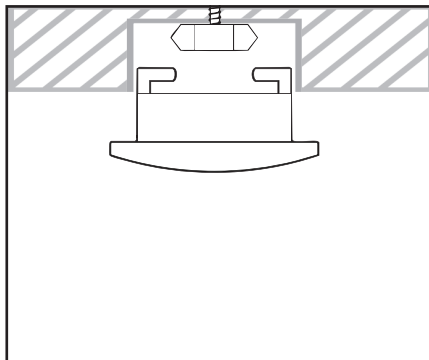
Do not press down hard onto the LED Strip.

Do not run your fingers along the LED Strip.

9. Place the LED Strip into the center spline of the profile, aligning the pre-solded tail with the routed out wire exit.

While pealing back the double sided tape backing, gently press down the strip along the length of the profile. Continue this motion along the entire run length until the entire length of LED Strip has been attached.

NOTE:
It will be difficult to remove the profile from the mounting clip once it is engaged. The profile should slide along the mounting clip in order to ensure perfect positioning on installation.
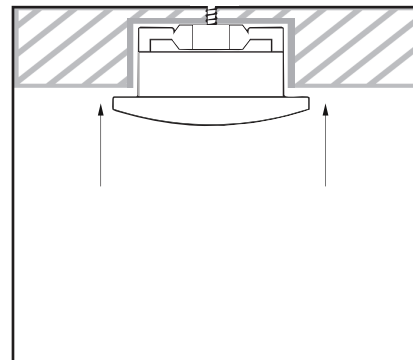

10. The assembled luminaire must now be attached to the mounting clip.

Start with the 'Starter' Profile first and work your way along the length of the run.
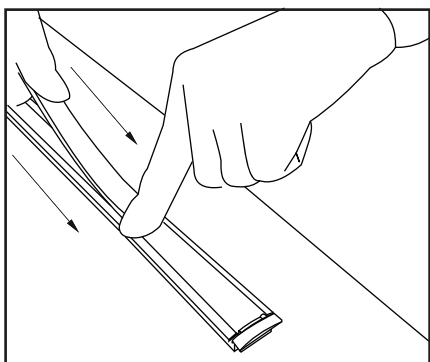
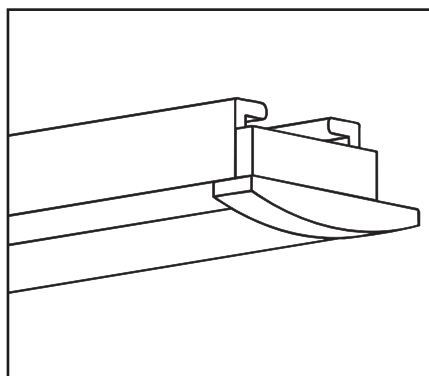Tilt the profile and push.

Mounting clip will flex to fit.

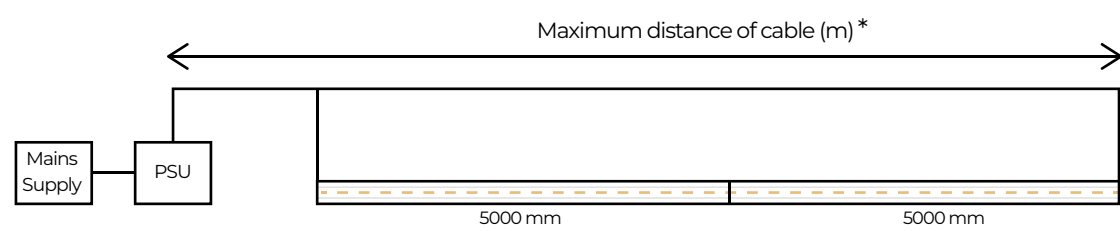11. Pivot the front down and push firmly to engage the front of the bracket and snap-fit.

12. Push diffuser into the profile at one end then gently press along the rest of the length to secure into profile.

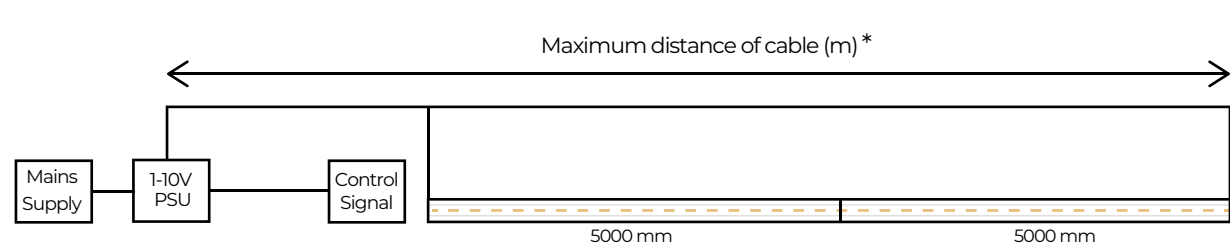13. Your Kit Form installation is now complete.

FIXED OUTPUT - TYPICAL WIRING CONFIGURATION

Maximum distance of cable (m) *

Mains Supply — PSU

5000 mm   5000 mm

1-10V - TYPICAL WIRING CONFIGURATION

Maximum distance of cable (m) *

Mains Supply — 1-10V PSU — Control Signal

5000 mm   5000 mm

DALI / DMX / SWITCHDIM - TYPICAL WIRING CONFIGURATION
USING SINGLE CHANNEL DRIVER

Maximum distance of cable (m) *

Mains Supply — DALI / DMX / SWITCHDIM PSU — Control Signal

5000 mm   5000 mm

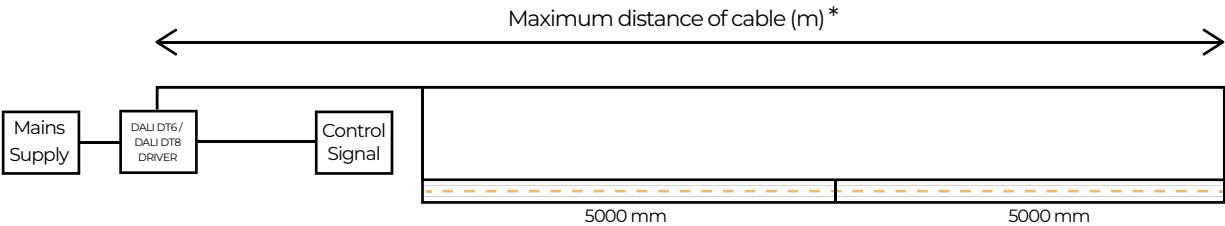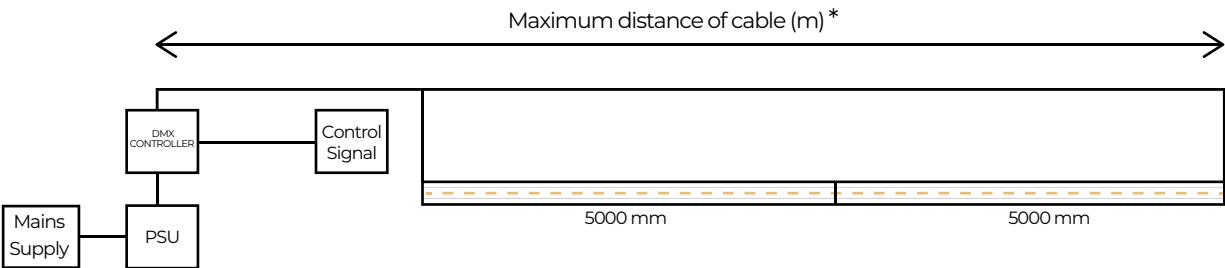| * Power supply unit (PSU) output cable size (mm²) / Max distance (m) recommendations: | 0.5mm² | 9 metres |
	0.75mm²	14 metres
	1.0mm²	19 metres
	1.5mm²	28 metres

Wiring to Driver
+
−

⚠ **CAUTION:**
To avoid voltage drop, ensure no more than 5000mm of Kove LED Mini is connected together off the one power feed. For longer runs use multiple powerfeeds via a terminal block.

DALI DT6 / DALI DT8 - RGBW AND TUNABLE WHITE - TYPICAL WIRING CONFIGURATION USING DALI DRIVER

Maximum distance of cable (m) *

| Mains Supply | DALI DT6 / DALI DT8 DRIVER | Control Signal |

5000 mm   5000 mm

DMX - RGBW AND TUNABLE WHITE - TYPICAL WIRING CONFIGURATION USING DRIVER AND DMX CONTROLLER

Maximum distance of cable (m) *

| DMX CONTROLLER | Control Signal |
| Mains Supply | PSU |

5000 mm   5000 mm

* Power supply unit (PSU) output cable size (mm²) / Max distance (m) recommendations:		
	0.5mm²	9 metres
	0.75mm²	14 metres
	1.0mm²	19 metres
	1.5mm²	28 metres

Tunable White Wiring Guide:
24V = Red
Warm White = Black
Cool White = Yellow

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To avoid voltage drop, ensure no more than 5000mm of Kove LED Mini is connected together off the one power feed. For longer runs use multiple powerfeeds via a terminal block.