

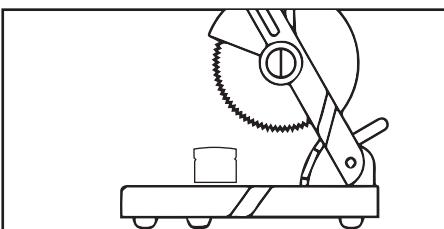
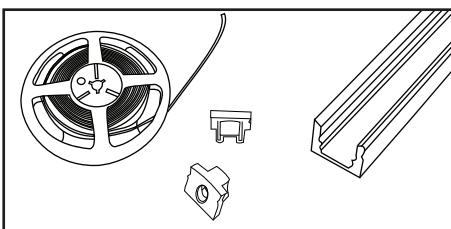
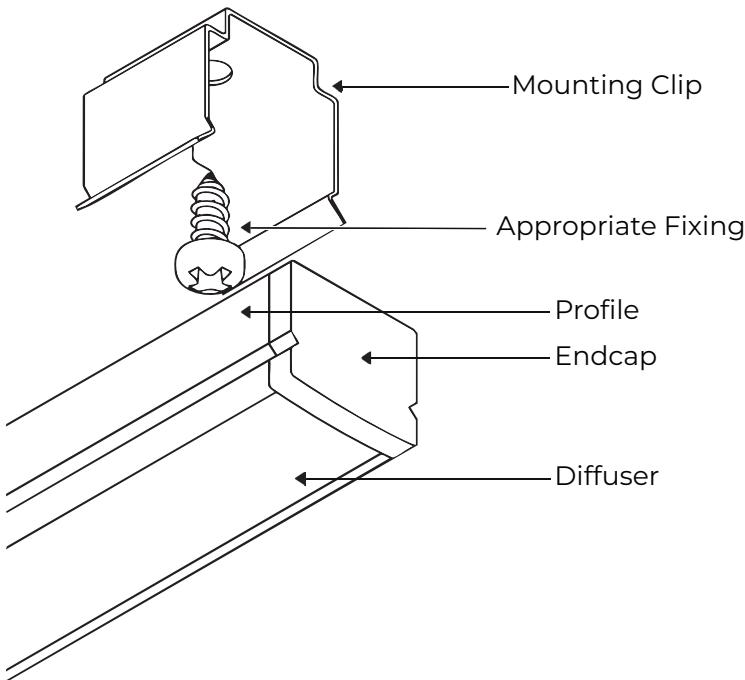
DATE

September 2025

CODE

KLLED-M-I-K1

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SUPPLIED PARTS

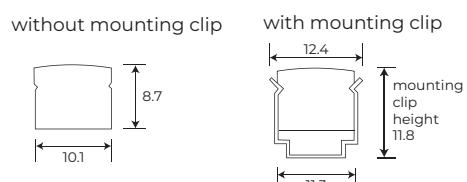
Diffuser
Classic 8 Profile
Mounting Clips
LED Strip with soldered tail
2x endcaps per run

REQUIRED FOR INSTALLATION



Appropriate Fixing - see notes below
(1 per Bracket)

CRITICAL DIMENSIONS



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.



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.

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-soldered 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 head should not be taller than ~2mm.

Appropriate fastener:
Most 4G/#4 screws
Pan head or CSK

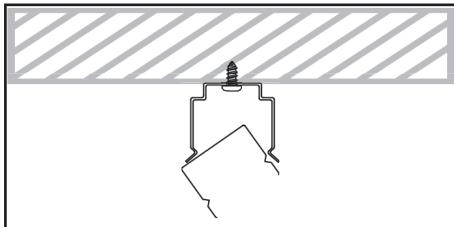
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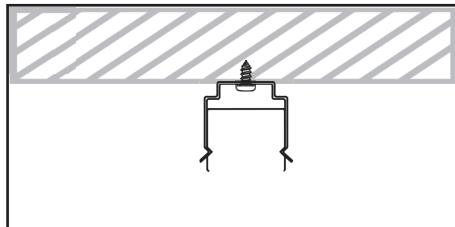


4. The profile must now be attached to the mounting clip in preparation for attaching the LED Strip.

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

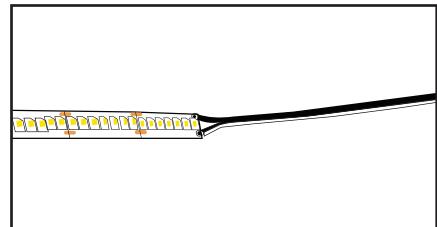
Tilt the profile and push into rear of bracket to engage.

Mounting clip will flex to fit.



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

Once all of the profile for the run length are attached to the mounting clips, installation of the LED Strip can begin.

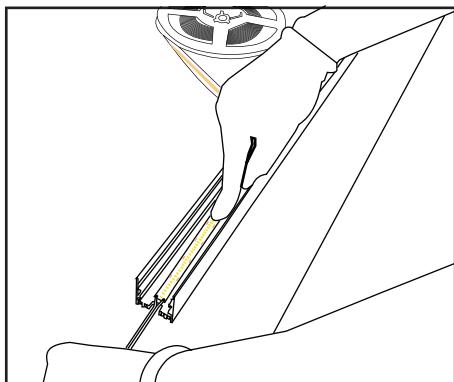


6. The LED Strip will be provided on a spool which reduces the touching of the LED Strip.

We recommend the use of clean powder free gloves when applying the strip to the profile.

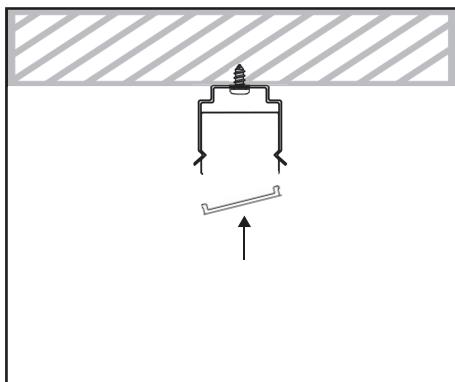
Do not press down hard onto the LED Strip.

Do not run your fingers along the LED Strip.



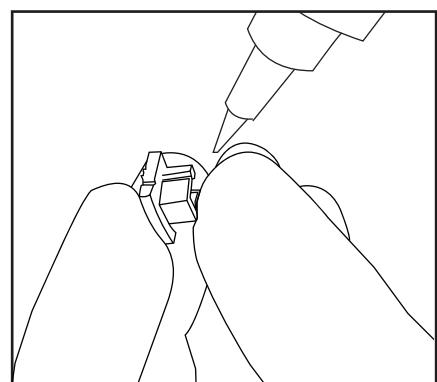
7. Place the LED Strip into the center spline of the profile, aligning the pre-soldered tail with the routed out wire exit.

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.



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

Prior to endcap attachment, check the fitment of the endcap onto the end of the profile. Depending on the powdercoat thickness, it maybe required to file down inner detail of endcap.



9. 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.

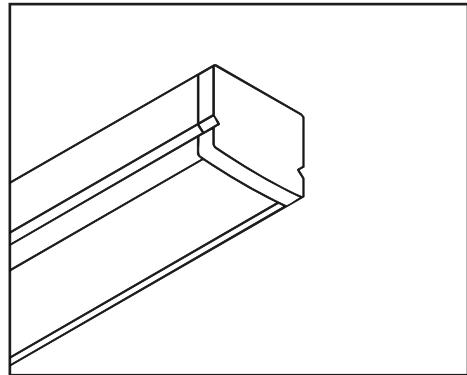
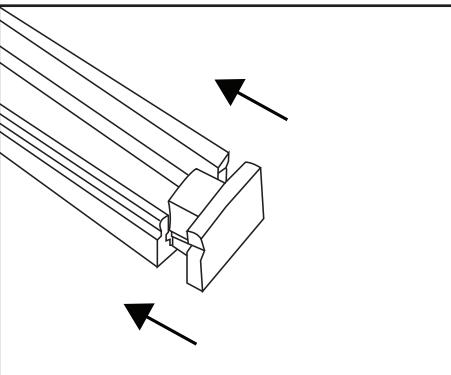
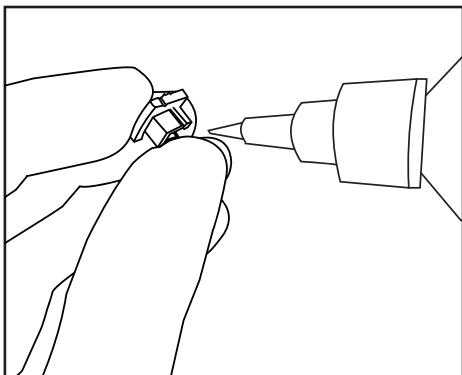
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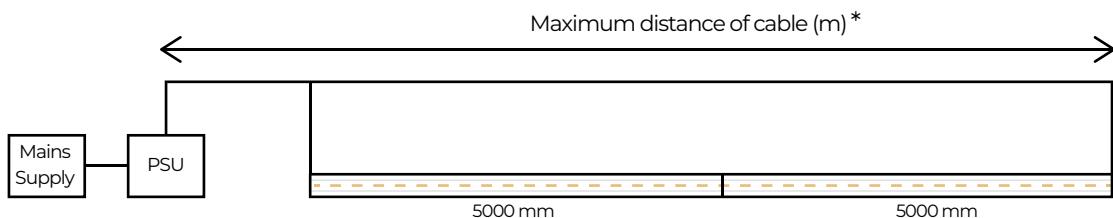
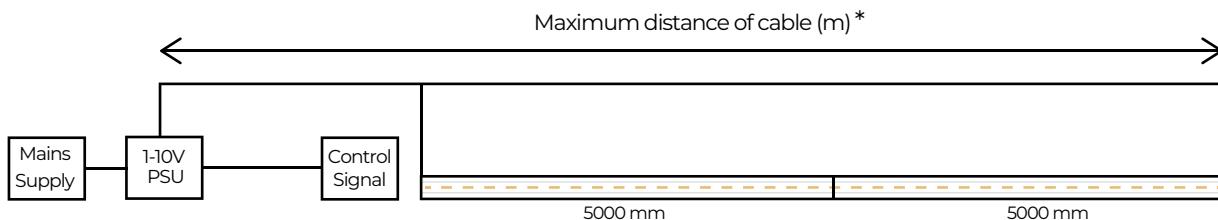
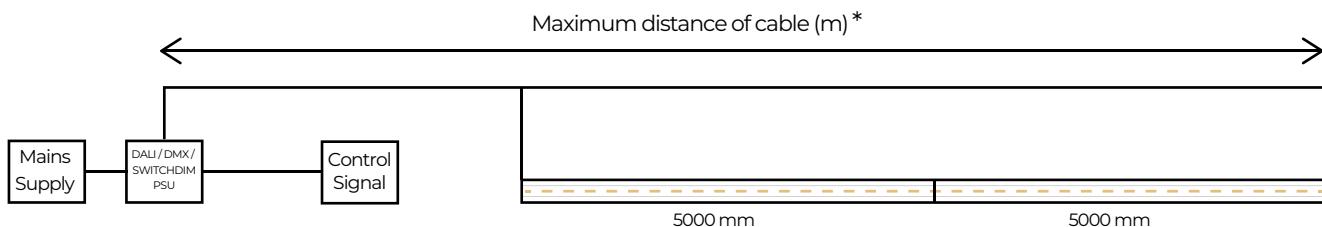
10. Once each point has been glued, push the endcap onto the end of the profile.

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

(Recommended hold time 30-60 secs)

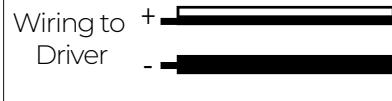
11. Once endcap is pushed on the end of the profile, wipe any excess glue that may seep out.

12. Your Kit Form installation is now Complete.

FIXED OUTPUT - TYPICAL WIRING CONFIGURATION**1-10V - TYPICAL WIRING CONFIGURATION****DALI / DMX / SWITCHDIM - TYPICAL WIRING CONFIGURATION
USING SINGLE CHANNEL DRIVER**

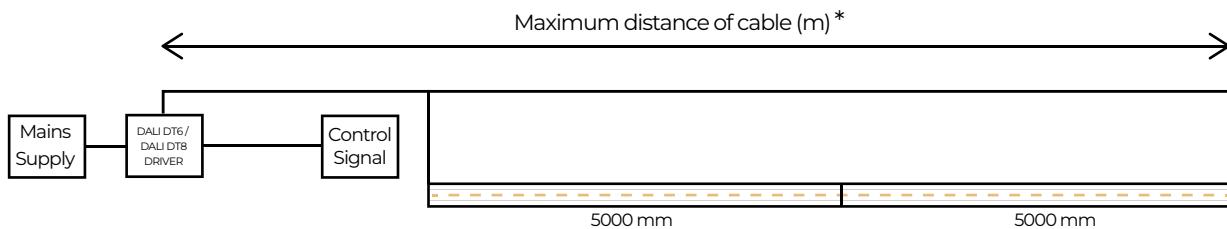
* Power supply unit (PSU) output cable size (mm^2) / Max distance (m) recommendations:

0.5 mm^2	9 metres
0.75 mm^2	14 metres
1.0 mm^2	19 metres
1.5 mm^2	28 metres

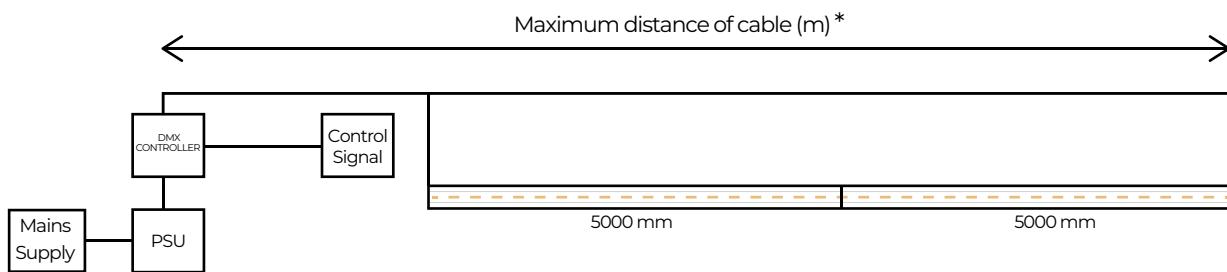
**CAUTION:**

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



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



* Power supply unit (PSU) output cable size (mm²) / Max distance (m) recommendations:

0.5mm ²	9 metres
0.75mm ²	14 metres
1.0mm ²	19 metres
1.5mm ²	28 metres

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

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.