CORNER16 BLACK

LM-AL-CR16-S-B | C6 click diffusers | LM-AL-BR-Y1 mounting clips

Before you start: isolate the power supply. Use LED strip no wider than 16 mm and a driver matched to the strip. Mains-side connections should be made by a competent installer.



THE SYSTEM AT A GLANCE

Black aluminium profile, C6 black or opal click diffuser, matching black end caps and Y1-style mounting clips.

For best results, order tailored and pre-wired cuts from Lumeno.

Profile section: 24 x 19.5 mm

LED bed: 16.2 mm | strip: max. 16 mm

01 MEASURE & CUT

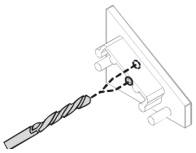
Allow 6 mm extra overall for the two end caps (3 mm at each end). Cut the aluminium profile square. Cut the C6 diffuser 1 mm shorter per 1 m of profile length.

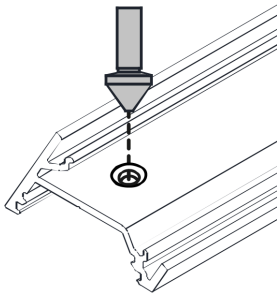


Finished assembly = profile length + 6 mm

02 PREPARE THE CABLE EXIT

Drill a cable exit through the profile or the marked area of an end cap. Deburr all holes and cut edges so the cable cannot rub against sharp aluminium.

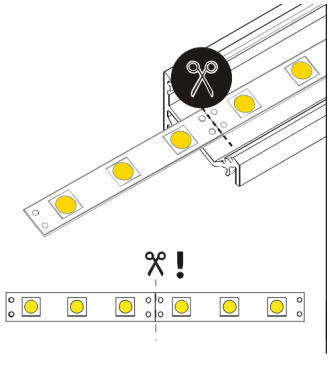


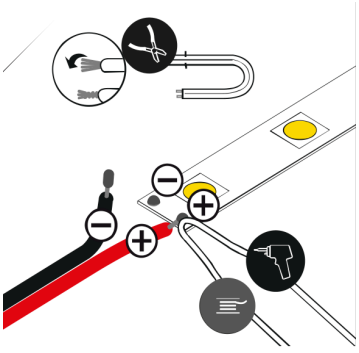


Drill the marked exit; remove sharp edges.

03 FIT & CONNECT THE LED STRIP

Clean the mounting bed. Cut the LED strip only at its marked cut points. Connect the marked positive and negative pads, route the cable through the prepared exit, then secure the strip to the LED bed.





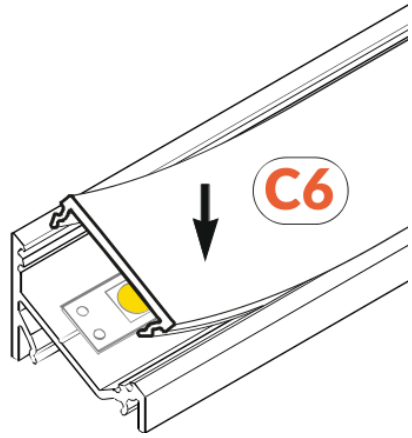
Keep the profile clip rails clear.

ASSEMBLE & MOUNT

Keep the power isolated until all checks are complete.

04 CLICK IN THE C6 DIFFUSER

Align the two snap edges with the profile rails. Press the C6 diffuser evenly into place along its length, checking that both sides are fully seated.



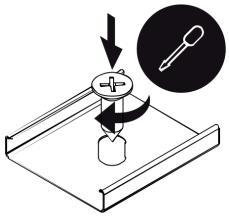
05 FIT THE END CAPS

Prepare any marked cable exit before fitting. Press the matching black caps onto the profile ends. A suitable adhesive is recommended to retain the caps.

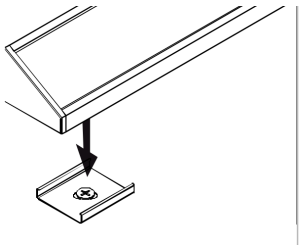


06 FIX THE CLIPS & ATTACH THE PROFILE

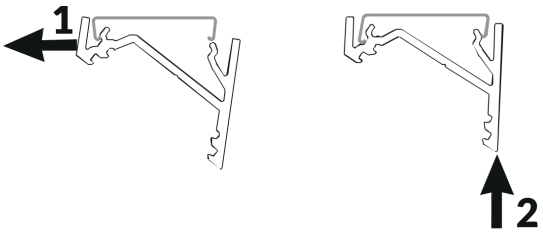
Position the LM-AL-BR-Y1 / Y1-style clips on the chosen fixing surface. Secure them with screws and fixings suited to the substrate. Present the profile to the clips, hook one side, then press the other side into place.



Fix the clips

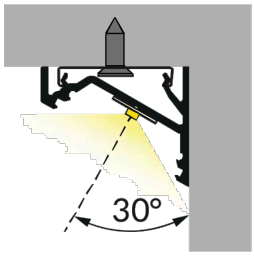


Present the profile

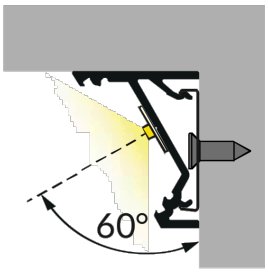


Hook, then press into place

MOUNTING ORIENTATIONS



30° horizontal



60° vertical

CHECK BEFORE POWER ON

- Correct polarity and suitable driver
- No trapped or exposed conductors
- Clips, diffuser and end caps secure

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