

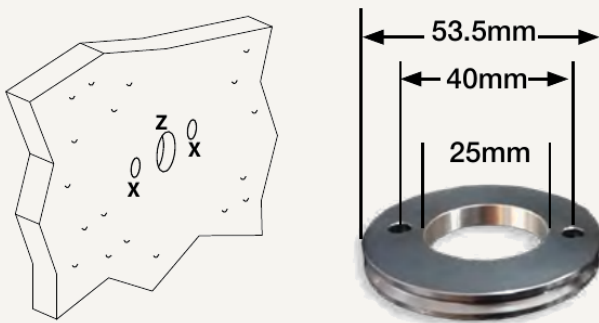
— MAXILED DOT 302 • 180° LARGE

Installation Guide

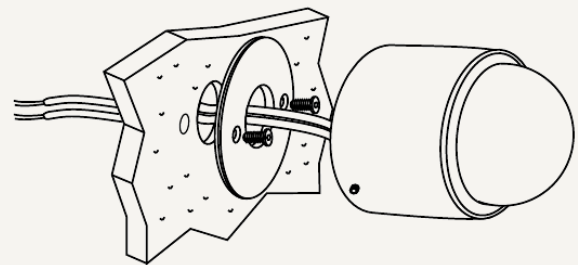
Step-by-step installation and MaxiLINK wiring for the MaxiLED DOT 302. This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes.

DOT-302-180 • INSTALLATION FIGURES

4 STEPS • NTS


Figure 1

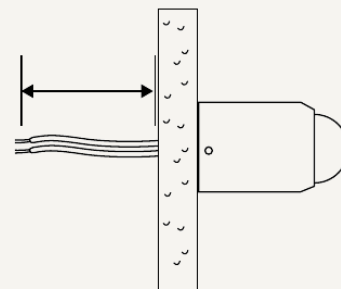
Mark out the surface


Figure 2

Fix back plate to surface


Figure 3

Secure to back plate


Figure 4

Connect flylead • ELR

- 01** **Mark out the surface.** Using the DOT back fixing plate as a template, mark two **fixing holes (X)** at **40 mm centres** and a single **flylead hole (Z)** in the middle for the 500 mm cable to feed through. Fixing plate diameter is **53.5 mm**. Drill the two X holes for the wall fixings and drill the Z hole large enough to accept the flylead.

- 02** **Fix back plate to surface.** Feed the 500 mm flylead through the back fixing plate, then through the Z hole in the wall. Secure the back plate to the surface using suitable wall fixings — orient the countersunk screw entry **facing the fixture** (outward) so the DOT can slide onto it later.

03

Secure DOT to back plate. Slide the MaxiDOT body onto the mounted back plate. Using the supplied **hex key**, tighten the grub screw on the side of the housing to lock the fixture onto the back plate. The housing must sit flush against the surface with no gap.

04

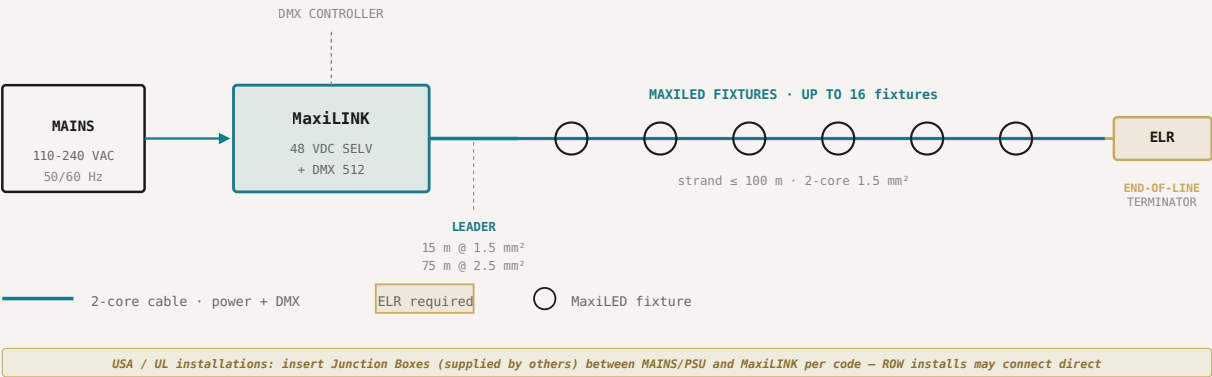
Repeat • connect • terminate. Repeat Steps 1–3 for each fixture along the strand. Cut off any excess flylead and connect to the MaxiLINK 48 VDC + DMX supply using appropriate connectors — **qualified electrician required**. Install the **ELR (End-of-Line Resistor)** on the last fixture to terminate the DMX bus.

Note. Installation must be carried out by a qualified electrician per local electrical and construction codes.

WIRING · MAXILINK · STRAND PLANNING

Wiring and strand planning.

DOT-302-180 · MAXILINK 2-CORE DISTRIBUTION



MaxiLINK carries 48 VDC + DMX 512 on the same 2-core cable. **Leader:** max 15 m on 1.5 mm² · 75 m on 2.5 mm² from MaxiLINK source to first fixture. **Strand:** at 14.4 W per fixture the 302 caps at **16 fixtures per PSU** on 1.5 mm² cable (max run 100 m first-to-last). **Junction boxes** shown between Controller, PSU 48 V UL Approved and MaxiLINK UL Approved are **required for USA / UL installations** only — ROW installs may connect direct. **ELR (End-of-Line Resistor)** mandatory on the last fixture of every DMX strand.