

LEMLUX

Above the standard

5 Years
Warranty



COB LED STRIP QUICK START GUIDE

SERIES · 5V / 12V / 24V / 48V DC · IP20 & IP67

Full instructions in the complete User Manual



NEVER connect directly to 220–240V mains – DC driver / power supply only (5V, 12V, 24V or 48V)

1. MOUNT

Fix onto a clean, dry aluminium profile / heat sink. Press only on the PCB edges, never on the LEDs.



2. CUT

Shorten only at the marked copper cut-points, using sharp scissors, straight across.



3. CONNECT

Match polarity: red/+V to +V, black/- to -. DC driver only – never wire to 220–240V mains.



4. SEAL (IP67 ONLY)

Re-seal every cut/joint with the supplied end-cap + sealant. Let cure ~24h before any moisture exposure.



Safety essentials

- Disconnect power before wiring, cutting or repositioning the strip.
- ! Use a constant-voltage DC driver matching the strip's rated voltage only – never connect directly to 220–240V mains.
- Unwind fully before powering; never test the strip while still coiled.
- Bend only along the long axis; minimum bend radius $\geq 20\text{mm}$ – never twist.
- ! IP20 = dry indoor use only. IP67 keeps its rating only when every cut/joint is re-sealed.
- ! Reversed polarity or an unsuitable mounting surface voids the warranty.

Long runs & power sizing

- Do not exceed the max. single-side run length on your datasheet – beyond it, feed each run back to the driver individually (parallel / "home-run" wiring).

Driver wattage $\geq \text{length (m)} \times \text{W/m} \times 1.2$

- Example: $10\text{m} \times 14\text{W/m} = 140\text{W} \rightarrow \times 1.2 = 168\text{W} \rightarrow \text{pick a } 180\text{--}200\text{W driver.}$



CE marked, RoHS compliant. Covered by the manufacturer's warranty stated at point of sale – void if installed contrary to this guide. Support: info@lemlux.eu / Full user manual & warranty terms: www.lemlux.eu