

## Warm White 3000K COB LED Strip 24V 8mm 480LEDs/m IP20 20m Run

Dot-free 8mm COB strip, 7.5 W/m, 20m single feed

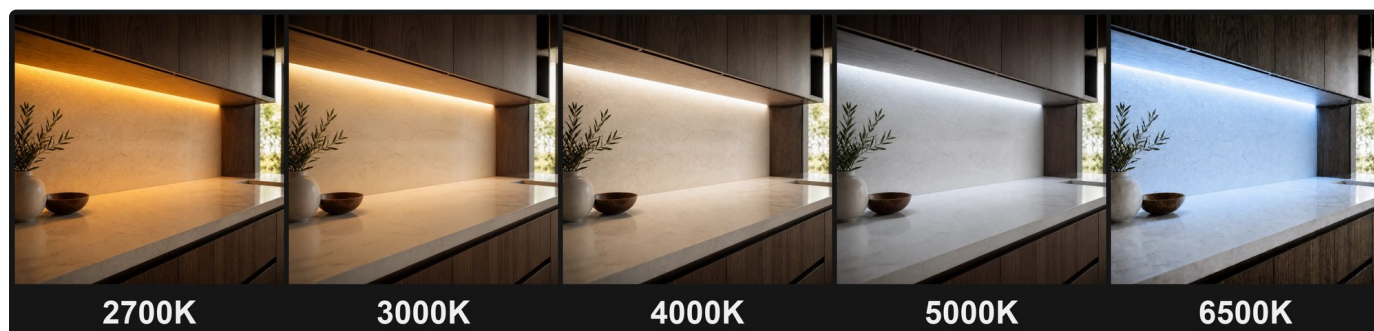
|                    |                   |                |             |                 |                      |           |
|--------------------|-------------------|----------------|-------------|-----------------|----------------------|-----------|
| 7Years<br>Warranty | IP20<br>IP RATING | 20M<br>MAX RUN | 50mm<br>CUT | 90+<br>HIGH CRI | 3000K<br>COLOUR TEMP | 24V<br>DC |
|--------------------|-------------------|----------------|-------------|-----------------|----------------------|-----------|

### SPECIFICATION

|                    |                         |
|--------------------|-------------------------|
| LED type           | COB LED Strip           |
| Voltage            | 24V DC constant voltage |
| Section            | 8mm × 2mm               |
| LEDs per metre     | 480                     |
| Colour temperature | 3000K                   |
| Luminous flux      | 677 lm/m                |
| Power              | 7.5 W/m                 |
| Efficacy           | 90 lm/W                 |
| CRI                | >90, SDCM <3            |
| Cut interval       | Every 50mm              |
| Order length       | 1m - 30m or 50m         |
| Adhesive           | 3M Tape                 |
| Maximum run        | 20m single feed         |
| IP rating          | IP20 — dry indoor only  |
| Certification      | UKCA, CE, RoHS, UL      |
| Warranty           | 7 Years                 |



### CHOOSING A COLOUR TEMPERATURE



The same kitchen lit by each colour temperature in this range

**2700K** The warmest in the range, closest to filament. Living rooms, bedrooms, hospitality.

**4000K** Neutral. Reads colours honestly, so it suits worktops, wardrobes and retail display.

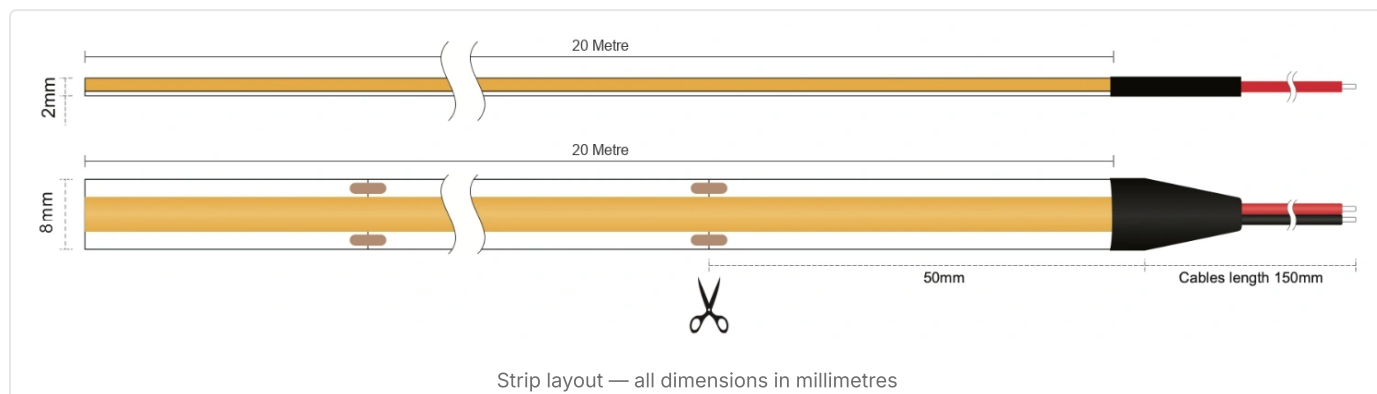
**3000K** Warm without going amber. The usual choice for kitchens and stair coving.

**6000K** The coldest, close to daylight. Display cabinets, signage and workshop benches.

## Dimensions, description and handling

Dimensions, description and what arrives in the box

### DIMENSIONS



### DESCRIPTION

An 8mm COB strip on 24V, running 480 chips per metre at 7.5W and 677 lumens. The emitting face is one continuous phosphor line, so it throws an even bar of light with no dots.

3000K is warm without going amber. It is the usual choice for kitchens, under-cabinet lighting and stair coving.

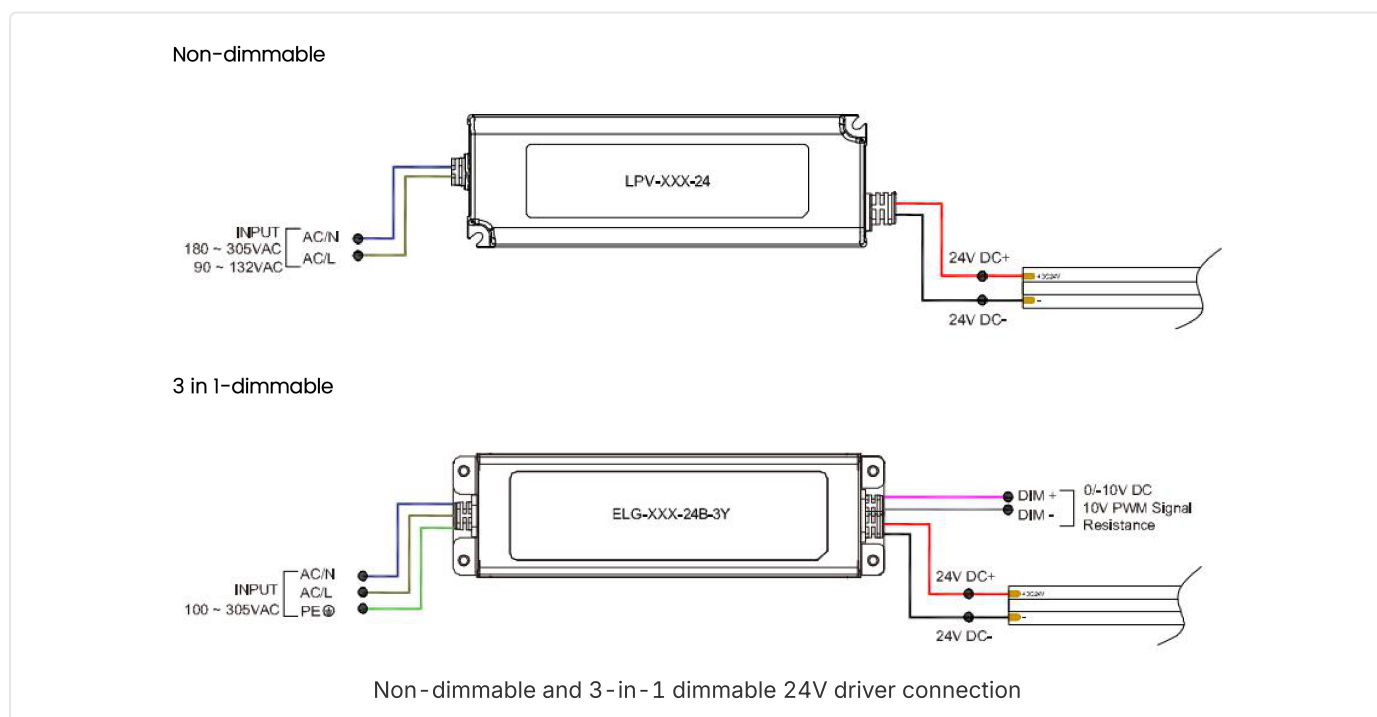
Cut every 50mm between the marked pads. One feed carries 20 metres, so most runs need a single driver at one end.

Every run is cut to length to your own measurement. We supply full bespoke lengths, so you order the metres the detail needs rather than trimming a fixed reel on site.

### IN THE BOX

- COB strip, cut to length, with 1 × 150mm connection lead

### WIRING DIAGRAM

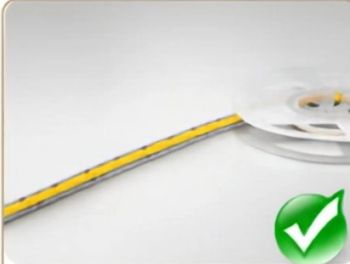
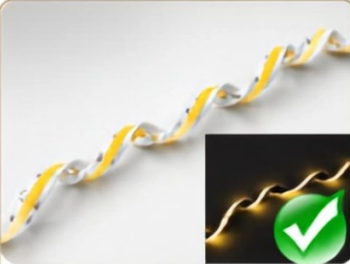
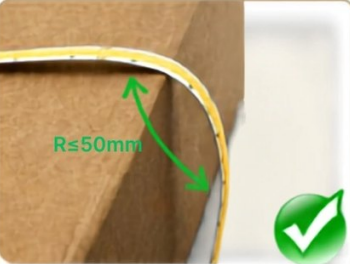
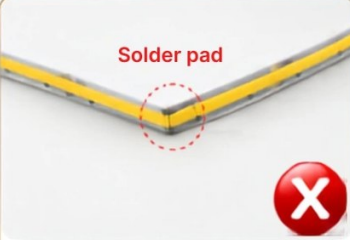


## Cautions

Read before cutting, bending or powering the strip

### HANDLING AND INSTALLATION

## Cautions:

|                                                                                                                                                                          |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>1</b></p> <p>Straighten the COB tape light vertically during normal service.</p> |  <p><b>2</b></p> <p>Radius of torsion <math>\geq 20\text{MM}</math>,<br/>Angle of torsion: <math>1080^\circ</math></p> |  <p><b>3</b></p> <p>During normal service, once need a turning, must hold the curve of COB tape light with its front side up and back side down.<br/>(Attention: keep the curved radiant <math>\geq 50\text{mm}</math>)</p> |
|  <p><b>4</b></p> <p>Once need a turning, couldn't curved of 90 degree.</p>            |  <p><b>5</b></p> <p>Do not bend at the solder pad.</p>                                                               |  <p><b>6</b></p> <p>The COB tape light can not be removed all from the reel, then install from the front end.</p>                                                                                                         |

## SAFETY WARNINGS

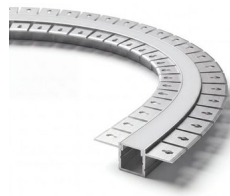
- Do not connect a 12V or 24V strip directly to 220–240V mains. The LEDs are destroyed instantly.
- Where the strip has leads at both ends, connect one end to the driver and leave the other pair disconnected. Bridging both shorts the circuit and risks damaging the run.
- Never power the strip while it is still coiled on the reel. Heat builds in the coil, lifts the adhesive and is a fire risk.
- The strip is static-sensitive. Wear an anti-static wrist strap or gloves when handling it.

If you require any advice for your project, feel free to get in touch — our technical team is here Monday to Friday, 9am–5pm on 01952 370028 or [sales@atomled.co.uk](mailto:sales@atomled.co.uk).

## Compatible profiles

Aluminium channel and silicone covers this 8mm strip fits, and the lengths each is stocked in

### ALUMINIUM AND SILICONE PROFILES THIS STRIP FITS

|                                                                                                                                                                         |                                                                                                                                                                     |                                                                                                                                                                            |                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>SURFACE</b><br/><b>ALPROFILE-509</b><br/>17 × 8mm<br/>1m · 2m (PROF-509-2M)</p> |  <p><b>SURFACE</b><br/><b>PROF-1210B-1M</b><br/>12 × 10mm<br/>1m · 2.45m</p>       |  <p><b>RECESSED</b><br/><b>ALRPROF25X7X12-508</b><br/>25 × 7mm<br/>1m · 2m</p>           |  <p><b>RECESSED</b><br/><b>ALPROFILE613B</b><br/>24 × 14.2mm<br/>1m</p>       |
|  <p><b>CORNER</b><br/><b>CP16X16MM-1M-WH</b><br/>16 × 16mm<br/>1m · 2m</p>            |  <p><b>CORNER</b><br/><b>PROFILE614</b><br/>19 × 19mm<br/>1m · 2m (CP1919-2M)</p> |  <p><b>PLASTER-IN</b><br/><b>S-PIP-P1513-1M</b><br/>55.5 × 13mm<br/>1m · 2m · 2.45m</p> |  <p><b>PLASTER-IN</b><br/><b>B-PIP-P2015-2M</b><br/>bendable<br/>2m · 3m</p> |
|  <p><b>SILICONE</b><br/><b>T1510</b><br/>15 × 10mm<br/>1m to 8m+</p>                 |  <p><b>SILICONE</b><br/><b>T1616</b><br/>16 × 16mm<br/>1m to 8m+</p>             |  <p><b>SILICONE</b><br/><b>T2010</b><br/>20 × 10mm<br/>1m to 8m+</p>                   |  <p><b>SILICONE</b><br/><b>SD1220</b><br/>12 × 20mm<br/>1m to 8m+</p>       |

12 of the 42 profiles that take an 8mm strip are shown. Aluminium profiles are separate products per length; silicone covers are one product sold by the metre. If you are unsure which profile suits your detail, call 01952 370028 and our technical team will size it with you.