# Natural White 4000K COB LED Strip 24V 8mm 480LEDs/m IP20 15m Run

Dot-free 8mm COB strip, 7.5 W/m, 15m maximum powered run

| 7 Years | IP20 | 15m | 50mm | >90 | 4000K | 24V |
|---|---|---|---|---|---|---|
| Warranty | IP RATING | MAX RUN | CUT | CRI | COLOUR TEMP | DC |

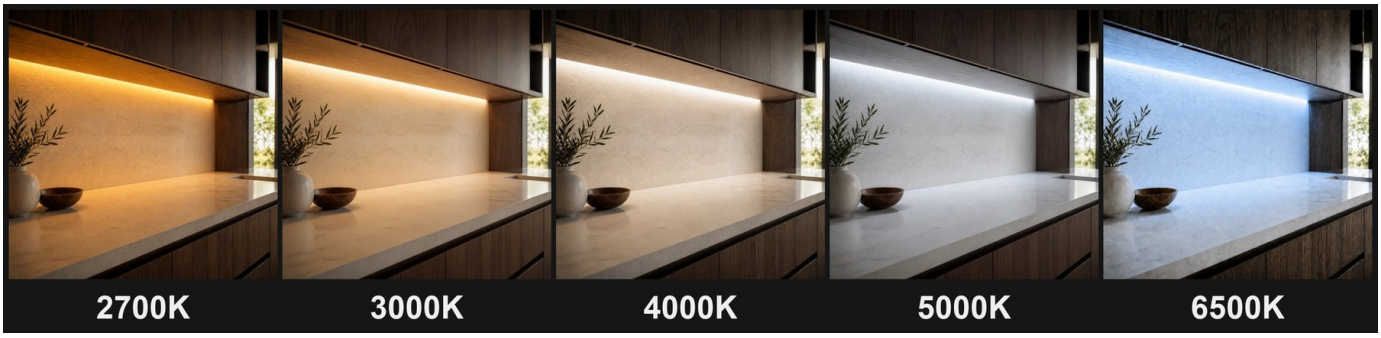
## SPECIFICATION

| | |
|---|---|
| LED type | COB LED Strip |
| Voltage | 24V DC constant voltage |
| Width | 8mm |
| LEDs per metre | 480 |
| Colour temperature | 4000K Natural White |
| Power | 7.5 W/m |
| CRI | >90 |
| Cut interval | 50mm (5cm) |
| Maximum powered run | 15 metres |
| Supplier roll | 50 metres |
| Adhesive | 3M Tape |
| IP rating | IP20 - dry indoor only |
| Warranty | 7 Years |



4000K natural white product illustration

## CHOOSING A COLOUR TEMPERATURE




The same kitchen lit by each colour temperature in this range

**2700K** Warmest white for bedrooms, living rooms and hospitality.

**3000K** Warm white for kitchens, shelving and coves.

**4000K** Natural white for worktops, wardrobes and displays.

**5000K** Clean daylight white for task lighting and detail work.

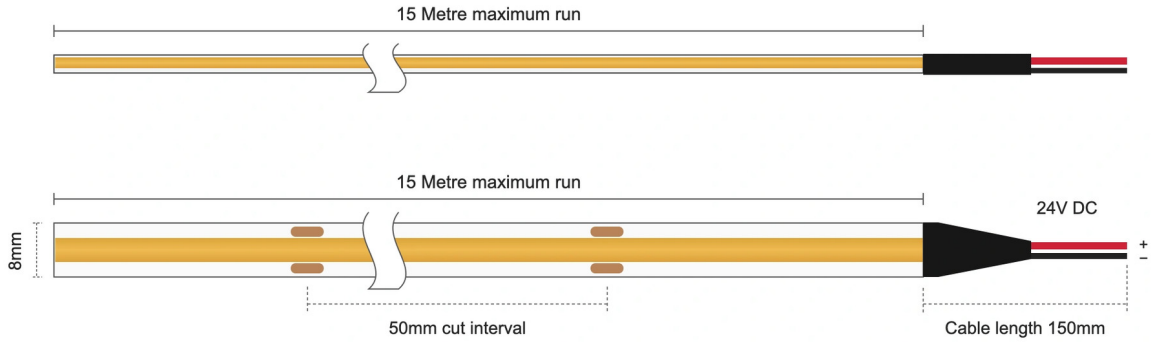
**6500K** Cool white for crisp display and task-lighting effects.

# Dimensions, description and handling

Dimensions, description and what arrives in the box

## DIMENSIONS

Reference drawing shows a 150mm lead. A 20cm lead is included as standard.




## DESCRIPTION

An 8mm COB strip on 24V DC, using 480 LED chips per metre at 7.5W per metre. The continuous luminous face gives a smooth line of light for dry indoor installations.

4000K Natural White provides a clean white appearance for display cabinets, shelving, worktops and joinery. Use IP20 strip only in dry indoor areas.

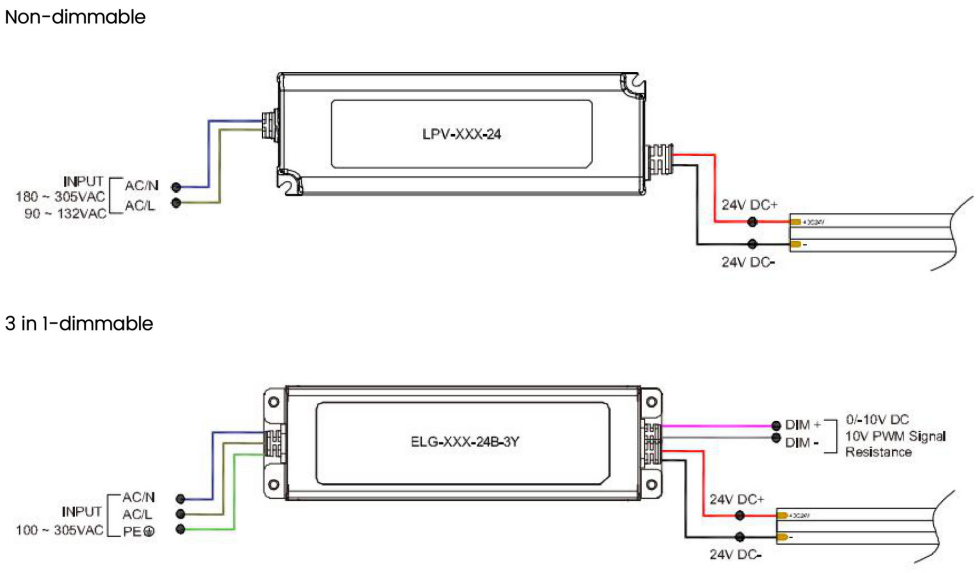
Cut only at the marked 50mm positions. The maximum continuous powered run is 15 metres; longer projects need separate powered runs and a suitable power layout.

These lights are custom made to each customer's specific project requirements, with lengths and available cable options prepared to order at the permitted cut points.

## IN THE BOX

Your strip is cut to the ordered length and fitted with the cable you select. A 20cm lead is included.
Choose power supplies, controls and profiles separately.

## WIRING DIAGRAM




Non-dimmable and compatible dimmable 24V single-colour connections

## Cautions

Read before cutting, bending or powering the strip

### HANDLING AND INSTALLATION

1

Unroll before powering

Lay out the full working length before connecting a power supply.

2

Cut at the printed marks

Use sharp scissors and cut squarely at the 50mm cut positions.

3

Curve gently

Follow the strip's natural bending direction and avoid sharp folds.

4

Protect solder pads

Do not crease or repeatedly flex the strip at a solder joint.

5

Prepare the surface

Mount on a clean, dry surface or in a suitable profile.

6

Check the connections

Keep the +24V and negative conductors correctly matched.

### SAFETY WARNINGS

Use only a 24V constant-voltage DC supply. Never connect this DC strip directly to 220-240V AC mains.

Switch off and isolate the power supply before cutting, connecting or handling exposed conductors. Mains connections must be completed by a competent person.

Never operate the strip while it is coiled on the reel. Keep connections secure and protect them from accidental short circuits.

IP20 is for dry indoor use. Keep the strip and its connections away from water, splashes and damp locations.

Check the power requirement for the complete run and use a correctly rated power supply and controller. Follow their installation instructions.

For project advice, contact the ATOM LED technical team Monday-Friday, 9am-5pm: 01952 370028 or sales@atomled.co.uk.

## Compatible profiles

Aluminium channel and silicone covers for an 8mm strip

### ALUMINIUM AND SILICONE PROFILE EXAMPLES



SURFACE
**ALPROFILE-509**
17 x 8mm
1m / 2m



SURFACE
**PROF-1210B-1M**
12 x 10mm
1m / 2.45m



RECESSED
**ALRPROF25X7X12-508**
25 x 7mm
1m / 2m



RECESSED
**ALPROFILE613B**
24 x 14.2mm
1m



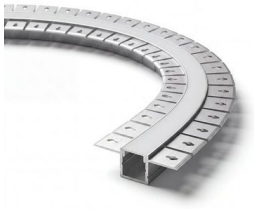
CORNER
**CP16X16MM-1M-WH**
16 x 16mm
1m / 2m



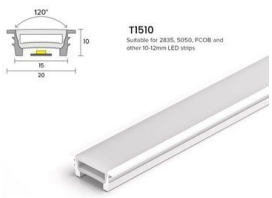
CORNER
**PROFILE614**
19 x 19mm
1m / 2m



PLASTER-IN
**S-PIP-P1513-1M**
55.5 x 13mm
1m / 2m / 2.45m



PLASTER-IN
**B-PIP-P2015-2M**
Bendable
2m / 3m



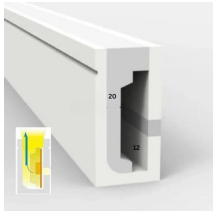

SILICONE
**T1510**
15 x 10mm
Sold by the metre




SILICONE
**T1616**
16 x 16mm
Sold by the metre




SILICONE
**T2010**
20 x 10mm
Sold by the metre




SILICONE
**SD1220**
12 x 20mm
Sold by the metre

These examples follow the existing 8mm range. Profiles and covers are separate products; confirm the internal fit, mounting method and required length for your installation. Contact 01952 370028 for help choosing a profile.