Warm White 2700K 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	2700K	24V
Warranty	IP RATING	MAX RUN	CUT	CRI	COLOUR TEMP	DC

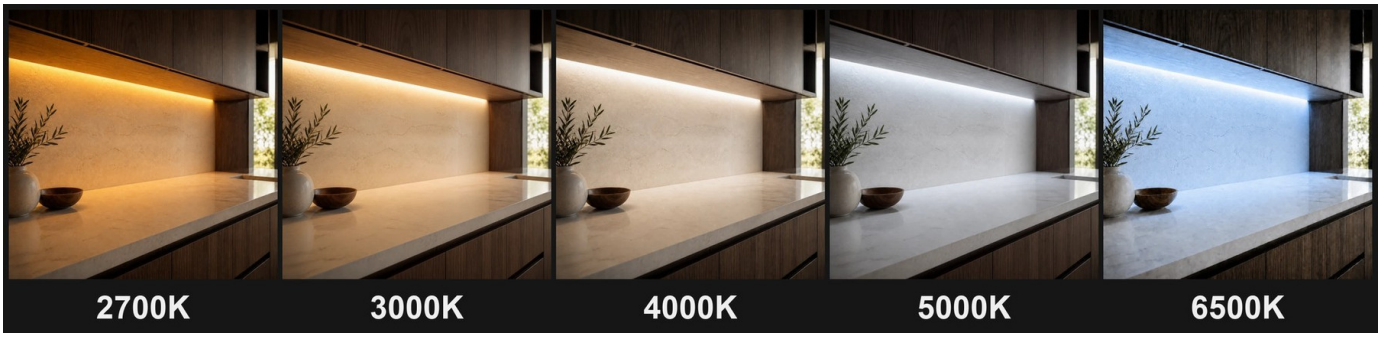
SPECIFICATION

LED type	COB LED Strip
Voltage	24V DC constant voltage
Width	8mm
LEDs per metre	480
Colour temperature	2700K Warm 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



2700K warm 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.

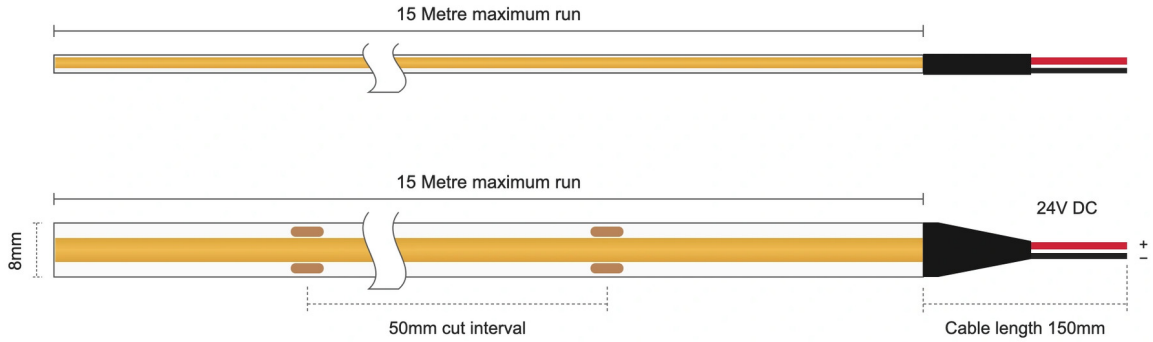
6500K Cool white for crisp display and task-lighting effects.

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.

2700K Warm White provides a warm appearance for ambient lighting, shelving and joinery. Use IP20 strip only in dry indoor areas.

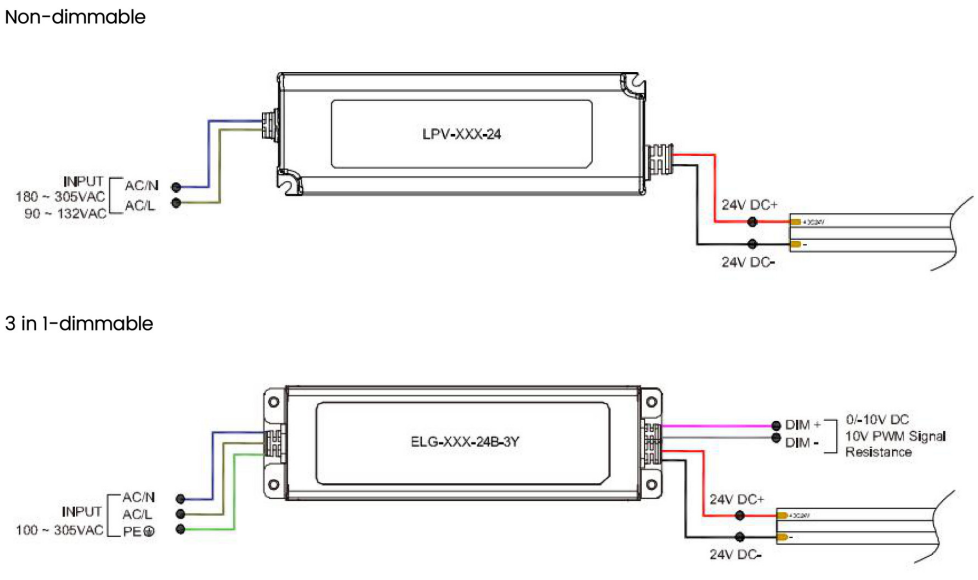
Cut only at the marked 50mm positions. The maximum continuous powered run is 15 metres; longer projects need separate powered runs and a suitable power layout.

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



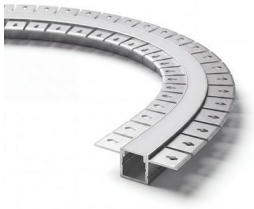
CORNER
CP16X16MM-1M-WH
16 x 16mm
1m / 2m



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



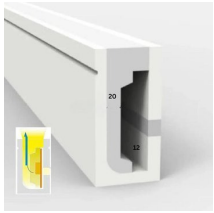
SILICONE
T1510
15 x 10mm
Sold by the metre



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.