

Long-run COB under-cabinet lighting

24V constant-voltage LED strip for dry indoor cabinetry. Select the colour and length before ordering.

7-YEAR WARRANTY

IP20 / DRY INDOORS

10mm PCB

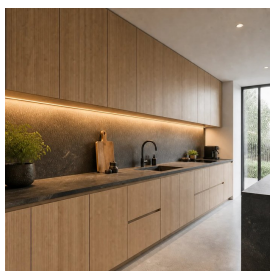
20m MAX RUN

Supply	24V DC constant voltage
LED technology	COB LED Strip
LEDs per metre	480
Power per metre	7.5 W/m
Light output	668-755 lm/m
CRI Ra	>90
PCB width	10mm
Cutting	50mm (5cm)
Maximum run	20m
Lengths offered	1m-20m
Protection	IP20 - non-waterproof
Backing	Self Adhesive
Warranty	7 years



Output varies by Kelvin. See the exact lm/m and colour-to-SKU table on page 2. Product appearance shown for reference. The kitchen previews on page 4 illustrate the selected light colour.

Choosing a colour temperature



2700K



3000K



4000K



5000K

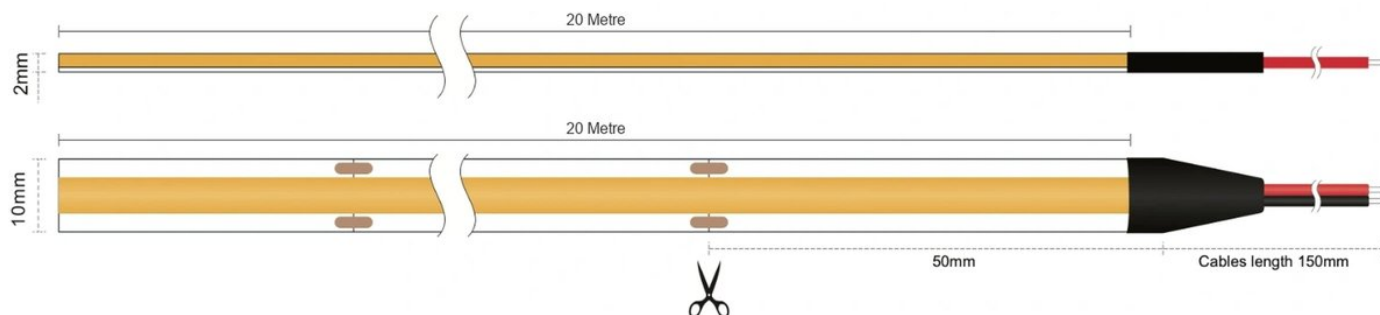


6500K

2700K: soft, warm ambience. 3000K: warm everyday lighting. 4000K: balanced task lighting. 5000K: crisp daylight appearance. 6500K: cool white.

Each colour is a separate fixed-colour option or product, not a colour-changing mode. Screens, surface finishes and dimming affect perceived colour. Illustrative scenes are not photometric measurements.

Dimensions, description and handling



Use the dimension drawing for strip width and the permitted cutting arrangement. Confirm connector clearance separately; a 10mm strip does not guarantee every 10mm connector or profile fits.

Colour, output and product identification

Colour	Nominal lm/m	Actual 1m SKU
Warm White 2700K	668	COB24V20M-27K-01M-UC
Warm White 3000K	677	COB24V20M-30K-01M-UC
Natural White 4000K	714	COB24V20M-40K-01M-UC
Daylight 5000K	755	COB24V20M-50K-01M-UC
Cool White 6500K	723	COB24V20M-65K-01M-UC

The actual 1m SKUs above identify this cabinet range. Ordered lengths use the same colour prefix with -02M-UC through -20M-UC. The selected variant on the product page shows the full order SKU. A cut-to-measure request does not change the purchased variant SKU.

Output figures are nominal values carried from the matching ATOM LED COB colour datasheets. Actual installed output varies with supply, length, temperature and diffuser.

What to order

Choose the strip colour and purchased length, then enter the required cut length where offered. Check the order summary for cable and connector selections. A compatible 24V DC driver, dimmer and aluminium profile are separate unless explicitly included in your order.

View this product and its current options at atomled.co.uk

Installation, power and cautions

1. Plan and isolate

Measure the cabinet runs and cable routes. Disconnect the power before cutting, wiring or mounting. Keep IP20 strip in dry indoor locations away from splashes and steam.

2. Cut correctly

Cut only at the marked cut points at the interval on page 1. Make a clean square cut; do not cut through components. Confirm that your requested length follows the permitted interval.

3. Mount on a suitable surface

Use a suitable aluminium profile for heat dissipation and a clean, dry mounting surface. Press on the backing, not on the COB emitting layer. Do not crease, twist, pierce or overlap the strip.

4. Match the supply

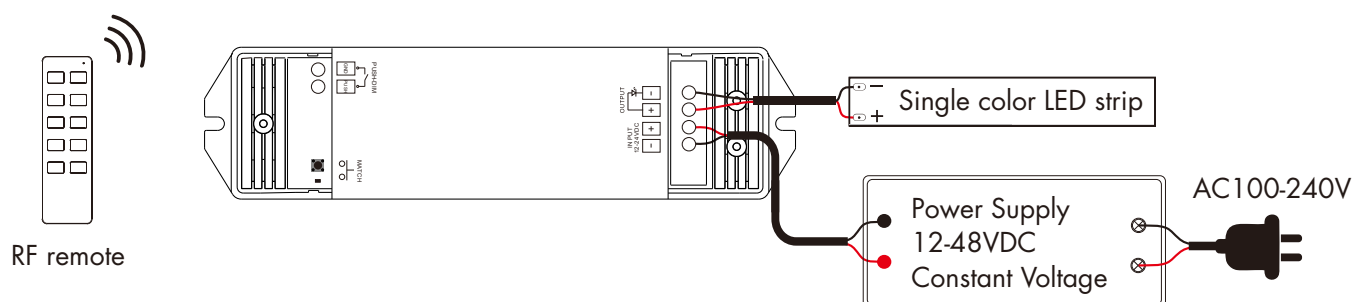
Use a regulated 24V DC constant-voltage LED driver. Size it for total connected strip wattage plus the driver manufacturer's recommended headroom. Observe polarity and the ratings of every cable, connector and controller.

5. Test and finish

Test the strip uncoiled before final fixing. With power isolated, secure the connections and protect exposed contacts from shorts. Verify operation, colour and dimming before fitting the diffuser.

Typical wiring

Skydance V1-L - single-colour dimming example



Use a 24V DC constant-voltage supply for this strip.

Without dimming, connect the strip directly to the 24V driver, matching + and -.

Source: Skydance V1-L manufacturer instructions

WARNING: Never connect this 24V DC strip directly to 220-240V AC mains. Incorrect voltage can damage the light. Mains connections must be made by a competent installer in accordance with applicable electrical requirements.

Do not exceed the stated maximum continuous run. Longer or branched installations need suitably designed feeds; do not simply daisy-chain beyond the limit. Keep drivers ventilated and accessible.

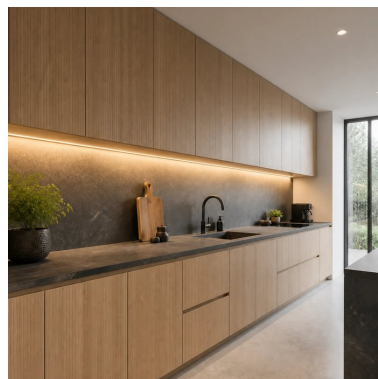
Damage caused by incorrect voltage or direct mains connection is not covered by warranty where ATOM LED is not at fault. ATOM LED Lighting Ltd accepts no liability for loss or damage caused by such connection where it is not at fault. This does not exclude liability for our negligence or breach of statutory duty, or affect your statutory rights.

See the colour in your kitchen

Illustrative kitchen previews, not photographs of a customer installation. Select a single fixed colour. Accent-colour links lead to separate products; they are not additional modes of the white strip.



Warm White 2700K



Warm White 3000K



Natural White 4000K



Daylight 5000K



Cool White 6500K

Compatible profiles and accessories

Select a profile with sufficient internal clearance for the 10mm PCB and its connections. Use a diffuser and mounting position suited to the cabinet design. Confirm the driver output, dimmer protocol, connector width and total load before ordering accessories.

Warm light emphasises warm finishes; neutral and cooler whites change how worktops and cabinet colours appear. Use a physical sample where colour matching is critical.