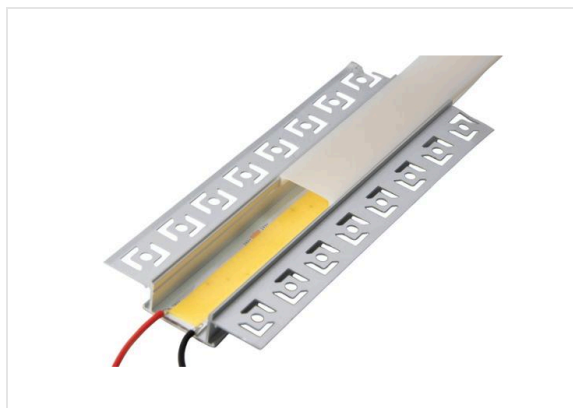




## COB LED Strip Light, 960 LEDs/m, 24 V DC, 6500 K, 25 W/m, IP20, 5 m Reel

- 960 COB chips per meter in a three-row dotless array
- 15 mm white PCB with strong bending resistance and anti-static build
- CRI 90 at 6500 K with a 180° emitting angle
- 25 W/m draw on 24 V DC constant-voltage supply
- Cuttable in 33.33 mm increments along the 5 m reel
- UL file E346797, CE and RoHS certified

### OVERVIEW

The LUMIPRO 15 mm COB strip light is a dotless single-color linear source supplied on 5 m reels for cove, channel and under-cabinet installations where a continuous line of light is required without visible LED dots or multi-shadowing. The IP20 non-waterproof construction suits dry interior locations.

The three-row COB array packs 960 chips per meter on a 15 mm flexible PCB, drawing 25 W/m at 24 V DC with 1.04 A/m input current and a 180° emitting angle. Output is rated at 6500 K with CRI 90 and efficacy up to 100 lm/W. The strip cuts in 33.33 mm increments and is rated for -20 °C to +45 °C ambient and 40% to 70% RH.

Certified to CE, UL (file E346797) and RoHS, with a 3-year limited warranty.

### SPECIFICATIONS

#### OPTICAL

|                   |              |
|-------------------|--------------|
| Luminous Flux     | 100 lm       |
| Efficacy          | 100 lm/W     |
| Color Temperature | 6,500 K      |
| Selectable CCT *  | Single Color |
| CRI               | 90           |
| Beam Angle        | 180°         |
| LED Chip Type     | COB          |
| LED Density       | 960 LEDs/m   |
| LED Lifetime      | 50,000 h     |
| Light Color       | White        |

#### MECHANICAL

|                    |                     |
|--------------------|---------------------|
| Product Dimensions | 5000 * 15 mm        |
| Length             | 5 m<br>16.4 ft      |
| Strip Width        | 15 mm<br>0.59 in    |
| Minimum Cut Length | 33.33 mm<br>1.31 in |
| Finish             | White               |
| Material           | PCB                 |

#### ELECTRICAL

|                   |       |
|-------------------|-------|
| Operating Voltage | 24 V  |
| Wattage           | 25 W  |
| Current Draw      | 8.3 A |
| Dimmer Type       | PWM   |

#### ENVIRONMENTAL

|                               |                        |
|-------------------------------|------------------------|
| IP Rating                     | IP20                   |
| Environmental Rating          | Non-Waterproof         |
| Ambient Operating Temperature | -20~45 °C<br>-4~113 °F |
| Operating Humidity            | 40% - 70% RH           |

COMPLIANCE

UL File Number E346797

ORDERING

Warranty 3 y

DIMENSIONS & DIAGRAMS

|                |            |             |
|----------------|------------|-------------|
| Emitting Angle | 180 °      | Operating t |
| Luminous flux  | 90-100lm/w | Operating h |
|                |            | Waterproof  |

DIMENSIONS

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

CE

CE

UL

UL Listed  
E346797

APPLICATIONS

- Cove and ceiling perimeter lighting
- Under-cabinet and shelf illumination
- Retail display cases and millwork
- Aluminum extrusion channel runs
- Interior architectural accent details

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| slug                 | value          | source | confidence |
|----------------------|----------------|--------|------------|
| lumens               | 100 lm         | pdf    | high       |
| efficacy_lm_per_w    | 100 lm/W       | db     | high       |
| cct_k                | 6,500 K        | db     | high       |
| cct_selectable       | Single Color   | db     | low        |
| cri                  | 90             | both   | high       |
| beam_angle_deg       | 180°           | both   | high       |
| led_chip_type        | COB            | db     | high       |
| led_density          | 960 LEDs/m     | db     | high       |
| led_lifetime_h       | 50,000 h       | db     | high       |
| color                | White          | db     | high       |
| operating_voltage    | 24 V           | pdf    | high       |
| wattage              | 25 W           | pdf    | high       |
| current_draw         | 8.3 A          | db     | high       |
| dimmer_type          | PWM            | pdf    | medium     |
| product_dimensions   | 5000 * 15 mm   | pdf    | high       |
| length               | 5 m            | db     | high       |
| strip_width          | 15 mm          | pdf    | high       |
| min_cut_length       | 33.33 mm       | db     | high       |
| finish               | White          | db     | high       |
| material             | PCB            | db     | high       |
| ip_rating            | IP20           | both   | high       |
| environmental_rating | Non-Waterproof | db     | high       |
| ambient_temp_c       | -20-45 °C      | db     | high       |
| operating_humidity   | 40% - 70% RH   | pdf    | high       |
| ul_file_number       | E346797        | db     | high       |
| warranty_years       | 3 y            | db     | high       |

\* Value inferred from source data; verify before specification.

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