Product code: 476845    EAN: 5907777476845

# LED line PRIME LED strip 320 COB 24V 6500K 8W

## Product description

The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

8mm
2mm

50mm
X    X
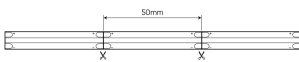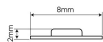
**YELLOW FREE™** — Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years.

**3-step MacAdam** — The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light.

**\*.IES** — Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

**5-year warranty** — Manufacturer issues a 5-year warranty for this product.

**100 lm / W**

**IP20** — IP protection rating

**50000 h L70B50** — Lifespan

**320 / 1m** — LED quantity (1m)

**voltage 24V** — Voltage range and voltage type

**5**

**180 °** — Beam angle

**COB** — LED type

**1600** — LED quantity

**PWM** — Compatible dimmer type

**PCB 2 oz** — Laminate (thickness)

**5 cm** — Cutting section

**3M® 3M 300 LSE** — Type of adhesive tape

**MAX -30 ÷ 45** — Ambient temperature suitable for operation

| Name of the parameter | Value | Name of the parameter | Value |
|---|---|---|---|
| Klasyfikacja GPC | 10003056 | Metres per roll | 5 |
| Jednostka gs1 | m | The lumen maintenance factor | 96 |
| Status | Aktywny (w sprzedaży) | Beam angle | 180 ° |
| Zawartość netto produktu | 1 | LED type | COB |
| Colour of the light | White | LED quantity | 1600 |
| Correlated colour temperature | 6500 K | Compatible dimmer type | PWM |
| Luminous efficacy | 100 lm/W | Laminate (colour) | White |
| Energy efficiency class 2019/2015 | F | Laminate (thickness) | 2 |
| Colour consistency in McAdam ellipses | ≤3 | Cutting section | 5 |
| IP protection rating | 20 | Type of adhesive tape | 3M 300 LSE |
| Warranty (years) | 5 | Colour consistency in McAdam ellipses | ≤3 |
| Led size | 9*20 | Ambient temperature suitable for operation | `-30 ÷ 45 °C |
| Dimmable function | Yes | For indoor use | YES |
| Survival factor | 0.9 | Length | 5000 mm |
| PCB layers | 2 layers | Width | 8 mm |
| Minimum purchase quantity | 5 | Height | 2 mm |
| Lifetime L70B50 | 50000 | EPREL ID | 651966 |
| COB led quantity (meter) | 320 COB | Date of first placement on the market | 01.05.2021 |
| Wire length | 200 mm | Energy class | A++ |
| Wire colours | Black, red | Form of the product (EPREL) | Dotyczy 50cm taśmy |
| Wiring types | 2-wire | Angle for useful luminous flux (EPREL) | Sphere 360 degrees |
| Net weight (with reel) | 93 g | Is the product equipped with an integrated light source? (EPREL) | No |
| Reel size (diameter) | 178 mm | Non-directional or directional light source (EPREL) | NDLS |
| Reel size (thickness) | 10 mm | Is this product a light source? (EPREL) | Yes |
| Wattage (1m) | 8 W | Mains or non- mains light source (EPREL) | NMLS |
| Luminous flux (1m) | 800 | Chromaticity coordinates x i y (EPREL) | 0.322|0.332 |
| Current (1m) | 0,333 | Connected light source (EPREL) | No |
| Supply voltage range and voltage type | 24V | Colour-tuneable light source (EPREL) | No |
| Colour rendering index Ra | 90 | R9 colour rendering index value (EPREL) | 62 |
| | | Total luminous flux (EPREL) | 400 |
| | | On-mode power Pon (EPREL) | 4 |
| | | Useful luminous flux Φuse (EPREL) | 400 |
| | | Beam angle in degrees (EPREL) | 180 |
| | | Product code | 476845 |

## Luminous [cd/klm]

C0 - C180    C90 - C270
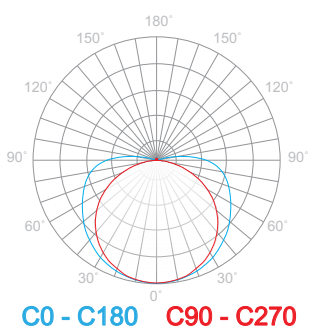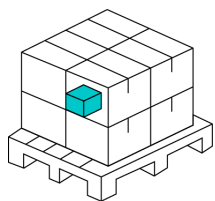
### Pre-packaging

| Type | **Shipping carton** |
|---|---|
| Width [mm] | **153** |
| Height [mm] | **182** |
| Length [mm] | **15** |

### Cumulative packaging
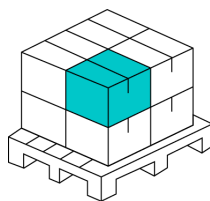
| Number of pieces | **100** |
|---|---|
| Width [mm] | **340** |
| Height [mm] | **280** |
| Length [mm] | **440** |
| Weight [kg] | **10** |
| Volume [m3] | **0,08** |
| Type of carton box | **Cardboard** |

### Europallet

| Number of pieces | **2400** |
|---|---|
| Bulk quantity | **60** |
| Weight [kg] | **300** |
| Weight [kg] | **300** |
| Pallet height [mm] | **1800** |
| Quantity in 1 layer | **6** |
| Number of layers | **10** |