



Corepro LED Strip



CorePro LEDstrip 12.3W840 1600LM/M 5M

A complete family that are bright, slim, safe & reliable. Choose the best fit for every projects, from 4 lumen packs/wattages, and 4 CCTs, and enjoy easy installation with slimness

Product data

| General Information | |
|---|--------------------------|
| Driver included | No |
| Lighting Technology | LED |
| Warranty period | 3 years |
| | |
| Light Technical | |
| Luminous Flux | 1,600 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 130.00 lm/W |
| Color rendering index (CRI) | 80 |
| Photobiological safety according to EN 6247 | 1 RG1 |
| | |
| Operating and Electrical | |
| Input Voltage | 24 V |
| Initial CLO power consumption | 52 W |
| Average CLO power consumption | 0 W |
| Power Consumption | 52 W |
| Power Factor (Fraction) | 1 |
| Cable | Cable 0.3 m without plug |
| Number of products on MCB of 16 A type B | - |
| Protection class IEC | Safety class III |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |

| Control interface | depends on driver (1-10V, DALI) |
|-------------------------------------|-----------------------------------|
| Constant light output | No |
| Maximum dim level | 10% (depends on dimmer, ELV) |
| | |
| Mechanical and Housing | |
| Reflector material | - |
| Overall length | 5,000 mm |
| Overall width | 8 mm |
| Overall height | 1.3 mm |
| Dimensions (Height x Width x Depth) | 1 x 8 x 5000 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK00 [No protection] |
| Net Weight (Piece) | 0.100 kg |
| | |
| Approval and Application | |
| Energy Efficiency Class | E |
| EPREL Registration Number | 620725 |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Ambient temperature range | -20 to +40 °C |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |

Datasheet, 2025, March 11 data subject to change

Corepro LED Strip

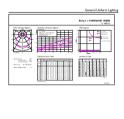
| Initial chromaticity | (0.3818, 0.3797) 5SDCM | |
|---------------------------------------|------------------------------------|--|
| Power consumption tolerance | +/-10% | |
| | | |
| Over Time Performance (IEC Compliant) | | |
| Median useful life L70B50 | 35,000 hour(s) | |
| | | |
| Product Data | | |
| Order product name | CorePro LEDstrip 12.3W840 1600LM/M | |
| | 5M | |
| Full product name | CorePro LEDstrip 12.3W840 1600LM/M | |
| | 5M | |

| Full product code | 871951434428000 |
|---------------------------------|-----------------|
| Order code | 929002696102 |
| Material Nr. (12NC) | 929002696102 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514344280 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8719514344297 |
| | |

Dimensional drawing

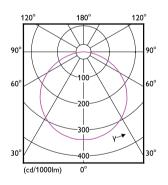


Photometric data



Glo.LuX Photometrics 4.2.1 Philips Lighting 6.V. Page: UT

General uniform lighting - CorePro LEDstrip 12.3W840 1600LM/M 5M



Light Distribution Diagram - CorePro LEDstrip 12.3W840 1600LM/M 5M

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