



# MASTER LED Strip

## MAS LEDstrip 8.3W940 1000LM/M 5M

A complete family delivering superior light with great uniformity and safety. Choose the best fit for every projects, from 5 lumen packs/wattages, and 4 CCTs, and enjoy great reliable performance free of maintenance

### Product data

| General Information |         |
|---------------------|---------|
| Driver included     | No      |
| Lighting Technology | LED     |
| Warranty period     | 5 years |

| Light Technical                              |             |
|--|-------------|
| Luminous Flux                                | 1,000 lm    |
| Correlated Color Temperature (Nom)           | 4000 K      |
| Luminous Efficacy (rated) (Nom)              | 120.00 lm/W |
| Color rendering index (CRI)                  | 90          |
| Photobiological safety according to EN 62471 | RG1         |

| Operating and Electrical                 |                          |
|--|--------------------------|
| Input Voltage                            | 24 V                     |
| Initial CLO power consumption            | 37 W                     |
| Average CLO power consumption            | 0 W                      |
| Power Consumption                        | 37 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 | Yes                                |
| 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 | 620727                            |
| 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% |

# MASTER LED Strip

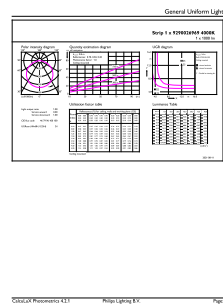
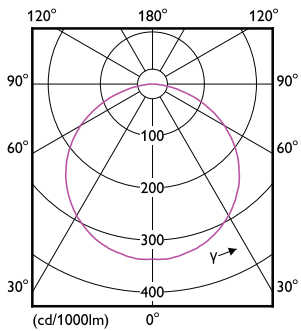
|  |                                  |
|--|----------------------------------|
| Initial chromaticity                         | (0.3818, 0.3797) 3SDCM           |
| Power consumption tolerance                  | +/-10%                           |
| <b>Over Time Performance (IEC Compliant)</b> |                                  |
| Median useful life L70B50                    | 60,000 hour(s)                   |
| <b>Product Data</b>                          |                                  |
| Order product name                           | MAS LEDstrip 8.3W940 1000LM/M 5M |
| Full product name                            | MAS LEDstrip 8.3W940 1000LM/M 5M |

|                                 |                 |
|---------------------------------|-----------------|
| Full product code               | 871951434444000 |
| Order code                      | 929002696902    |
| Material Nr. (12NC)             | 929002696902    |
| Numerator - Quantity Per Pack   | 1               |
| EAN/UPC - Product/Case          | 8719514344440   |
| Numerator - Packs per outer box | 10              |
| EAN/UPC - Case                  | 8719514344457   |

## Dimensional drawing



## Photometric data



Light Distribution Diagram - MAS LEDstrip 8.3W940 1000LM/M 5M

General uniform lighting - MAS LEDstrip 8.3W940 1000LM/M 5M

