



# MASTER LEDtube InstantFit HF T5

## Master LEDtube HF 1500mm HO 26W 830 T5

The Philips MASTER LEDtube integrates an LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescents. These T5 lighting tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings, thanks to low energy consumption and an exceptionally long lifetime, make these T5 LED tubes the choice for every demanding applications.

### Product data

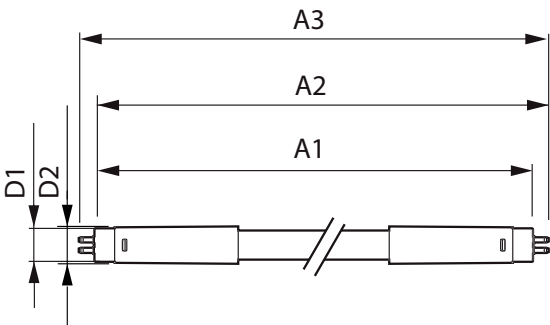
| General Information                    |                    | Operating and Electrical  |                |
|----------------------------------------|--------------------|---------------------------|----------------|
| Cap base                               | G5 [G5]            | Line Frequency            | 39000-60000 Hz |
| Nominal lifetime                       | 50,000 h           | Input frequency           | 39000-60000 Hz |
| Switching Cycle                        | 50,000             | Power Consumption         | 26 W           |
| Lighting Technology                    | LED                | Lamp current (max.)       | 415 mA         |
| EU RoHS compliant                      | Yes                | Lamp current (min.)       | 240 mA         |
| Light Technical                        |                    | Starting time (nom.)      | 0.5 s          |
| Colour Code                            | 830 [CCT of 3000K] | Warm-up time to 60% light | 0.5 s          |
| Beam angle (nom.)                      | 200 degree(s)      | Power Factor (Fraction)   | 0.9            |
| Luminous Flux                          | 3,700 lm           | Voltage (nom.)            | 100-135 V      |
| Colour designation                     | White (WH)         | Temperature               |                |
| Correlated Colour Temperature          | 3000 K             | Ambient temperature range | -20°C to 45°C  |
| Luminous efficacy (rated) (nom.)       | 142.00 lm/W        | T-Case maximum (nom.)     | 45 °C          |
| Colour consistency                     | <6                 | Controls and Dimming      |                |
| Colour rendering index (CRI)           | 83                 | Dimmable                  | No             |
| LLMF at end of nominal lifetime (nom.) | 70 %               |                           |                |

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|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Mechanical and Housing             |                                                      |
| Lamp Finish                        | Frosted                                              |
| Bulb material                      | Plastic                                              |
| Product length                     | 1,500 mm                                             |
| Approval and Application           |                                                      |
| Energy-saving product              | Yes                                                  |
| Approval marks                     | TUV CE marking RoHS compliance KEMA Keur certificate |
| Energy consumption kWh/1,000 hours | 31 kWh                                               |
| Product Data                       |                                                      |
| Order product name                 | MAS LEDtube HF 1500mm HO 26W 830 T5                  |

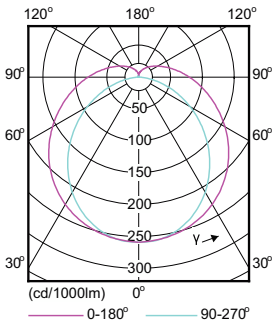
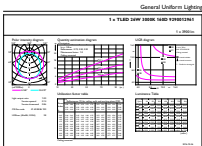
|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Full product name                 | Master LEDtube HF 1500mm HO 26W 830 T5 |
| Full EOC                          | 871869668552500                        |
| Order code                        | 68552500                               |
| Material no. (12 NC)              | 929001296102                           |
| SAP numerator – quantity per pack | 1                                      |
| EAN/UPC – Product/Case            | 8718696685525                          |
| Numerator – packs per outer box   | 10                                     |
| EAN/UPC – Case                    | 8718696685532                          |

Dimensional drawing



| Product                             | D1      | D2    | A1         | A2         | A3       |
|-------------------------------------|---------|-------|------------|------------|----------|
| MAS LEDtube HF 1500mm HO 26W 830 T5 | 15.2 mm | 21 mm | 1,447.8 mm | 1,454.9 mm | 1,462 mm |

Photometric data



General uniform lighting - MAS LEDtube HF 1500mm HO 26W 830 T5

Light Distribution Diagram - MAS LEDtube HF 1500mm HO 26W 830 T5

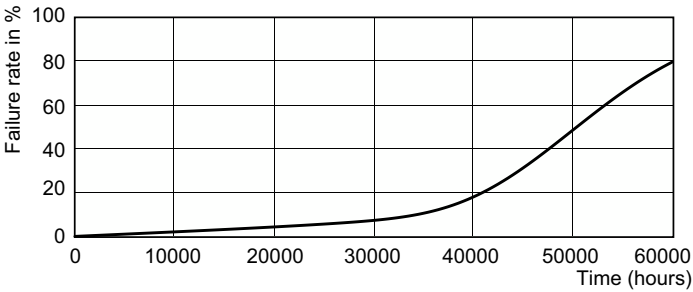
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Photometric data

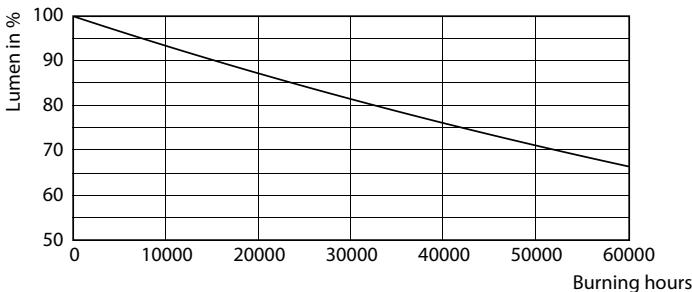


Spectral Power Distribution Colour - MAS LEDtube HF 1500mm HO 26W 830 T5

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 1500mm HO 26W 830 T5



Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 26W 830 T5

