



MASTER LEDtube InstantFit HF T5

Master LEDtube HF 1200mm HO 26W 840 T5 OE

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. 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 application.

Product data

| Approval and Application | | LLMF At End Of Nominal Lifetime (Nom) | |
|------------------------------------|--------------------|--|-----------------|
| Cap-Base | G5 [G5] | | 70 % |
| CE mark | Yes | Photobiological safety according to EN 62471 | RG0 |
| Nominal lifetime | 60,000 hour(s) | | |
| Switching Cycle | 50,000 | | |
| Lighting Technology | | Operating and Electrical | |
| Lighting Technology | LED | Line Frequency | 30K to 60K Hz |
| Flux measurement reference | Sphere | Input Frequency | 30K to 60K Hz |
| EU RoHS compliant | Yes | Power Consumption | 26 W |
| | | Starting Time (Nom) | 0.5 s |
| | | Warm-up time to 60% light | 0.5 s |
| | | Power Factor (Fraction) | 0.9 |
| | | Voltage (Nom) | 20-90 V |
| | | LED alternative to fluorescent lamp power | 54 W |
| Light Technical | | Temperature | |
| Color Code | 840 [CCT of 4000K] | Ambient temperature range | -20 °C to 45 °C |
| Beam Angle (Nom) | 200 degree(s) | T-Case Maximum (Nom) | 55 °C |
| Luminous Flux | 3,900 lumen | | |
| Color Designation | Cool White (CW) | | |
| Correlated Color Temperature (Nom) | 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 150 lm/W | | |
| Color Consistency | <6 | | |
| Color rendering index (CRI) | 80 | | |

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Controls and Dimming

| | |
|----------|-----------------------------------|
| Dimmable | Yes - Check ballast compatibility |
|----------|-----------------------------------|

Mechanical and Housing

| | |
|----------------|--------------------|
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Product Length | 1,200 mm |
| Bulb Shape | Tube, double-ended |

Approval and Application

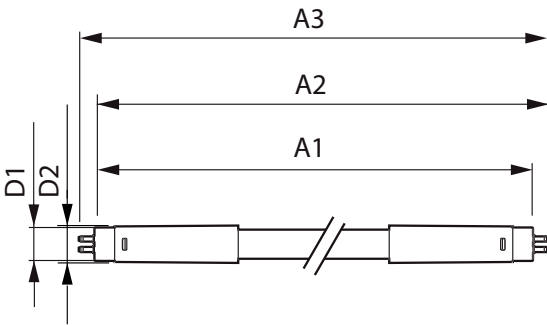
| | |
|-------------------------------|---|
| Energy Efficiency Class | D |
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance TUV CE marking KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 26 kWh |

| | |
|---------------------------|---------|
| EPREL Registration Number | 1384141 |
|---------------------------|---------|

Product Data

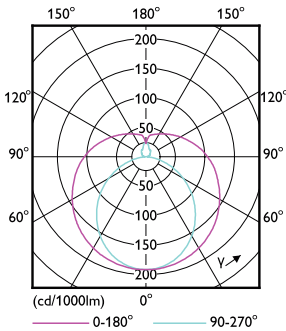
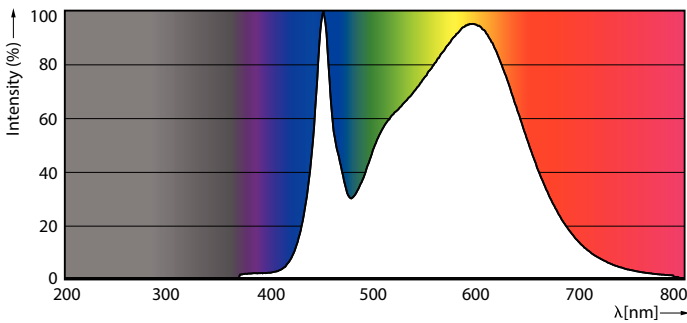
| | |
|---------------------------------|--|
| Full product code | 871869974953800 |
| Order product name | MAS LEDtube HF 1200mm HO 26W 840 T5 OE |
| Order code | 74953800 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929002352102 |
| Full product name | Master LEDtube HF 1200mm HO 26W 840 T5 OE |
| EAN/UPC - Case | 8718699749545 |

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 |
|---|---------|-------|----------|----------|----------|
| MAS LEDtube HF 1200mm HO 26W 840 T5 OE | 15.5 mm | 19 mm | 1,149 mm | 1,156 mm | 1,163 mm |

Photometric data

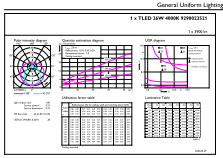


Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 26W 840 T5 OE

Light Distribution Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE

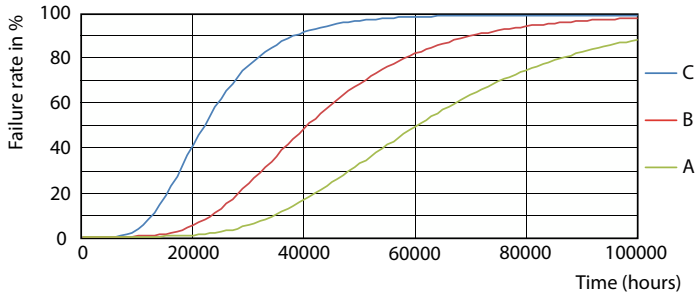
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Photometric data

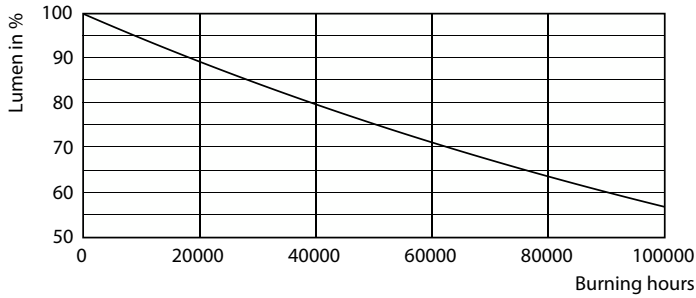


General uniform lighting - MAS LEDtube HF 1200mm HO 26W 840 T5 OE

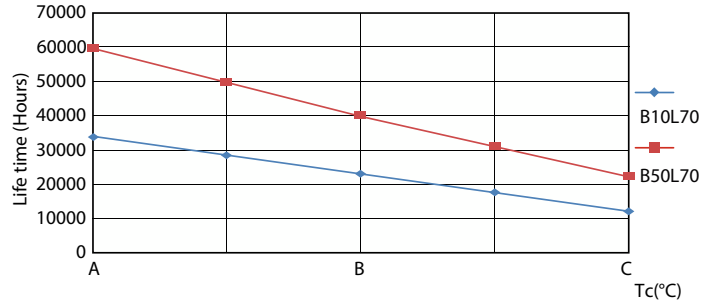
Lifetime



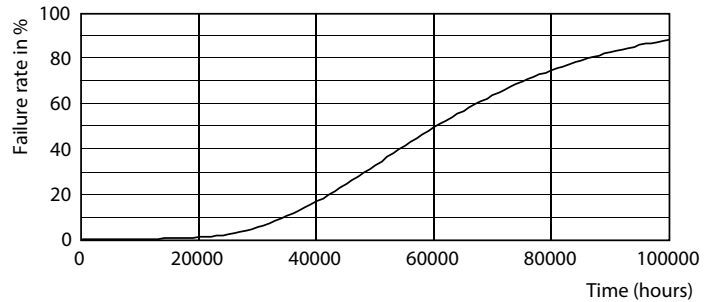
Life Expectancy Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE



Lumen Maintenance Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE



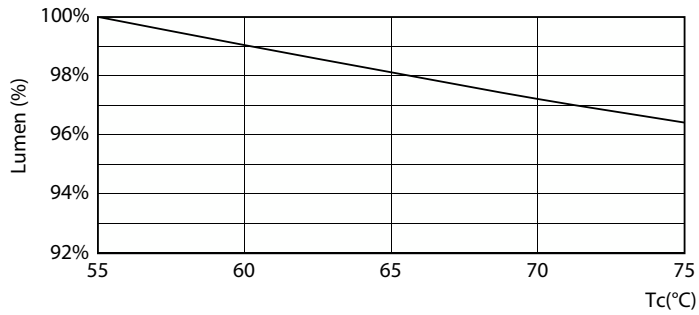
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Lifetime



Lumen Maintenance Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5
OE

