

MASTER LEDtube InstantFit HF T5

MAS LEDtube HF 1200mm HO 26W 840 T5

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

| General Information | | Operating and Electrical | |
|---------------------------------------|--------------------|---------------------------|-----------------|
| Cap-Base | G5 [G5] | Line Frequency | 35000-80000 Hz |
| Nominal lifetime | 50,000 hour(s) | Input Frequency | 35000-80000 Hz |
| Switching Cycle | 50,000 | Power Consumption | 26 W |
| Lighting Technology | LED | Lamp Current (Max) | 700 mA |
| EU RoHS compliant | Yes | Lamp Current (Min) | 450 mA |
| Light Technical | | Starting Time (Nom) | 0.5 s |
| Color Code | 840 [CCT of 4000K] | Warm-up time to 60% light | 0.5 s |
| Beam Angle (Nom) | 160 degree(s) | Power Factor (Fraction) | 0.9 |
| Luminous Flux | 3,900 lm | Voltage (Nom) | 50-60 V |
| Color Designation | Cool White (CW) | Temperature | |
| Correlated Color Temperature (Nom) | 4000 K | Ambient temperature range | -20 °C to 45 °C |
| Luminous Efficacy (rated) (Nom) | 150.00 lm/W | T-Case Maximum (Nom) | 45 °C |
| Color Consistency | <6 | Controls and Dimming | |
| Color rendering index (CRI) | 83 | Dimmable | No |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | |

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Mechanical and Housing

| | |
|----------------|----------|
| Bulb Material | Plastic |
| Product Length | 1,200 mm |
| Bulb Shape | T5 |

Approval and Application

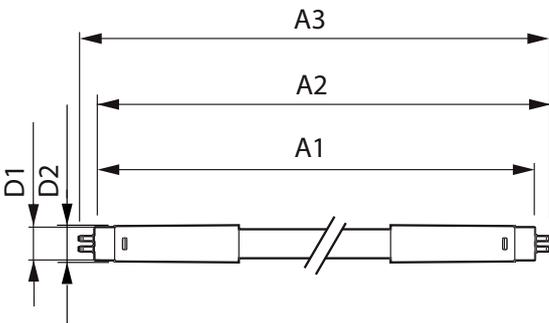
| | |
|-------------------------------|--|
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance TUV CE marking KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 31 kWh |

Product Data

| | |
|--------------------|-------------------------------------|
| Order product name | MAS LEDtube HF 1200mm HO 26W 840 T5 |
|--------------------|-------------------------------------|

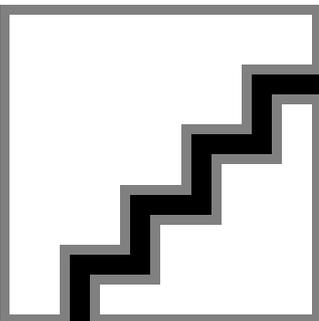
| | |
|---------------------------------|-------------------------------------|
| Full product name | MAS LEDtube HF 1200mm HO 26W 840 T5 |
| Full product code | 871869670529200 |
| Order code | 929001338402 |
| Material Nr. (12NC) | 929001338402 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696705292 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696705308 |

Dimensional drawing

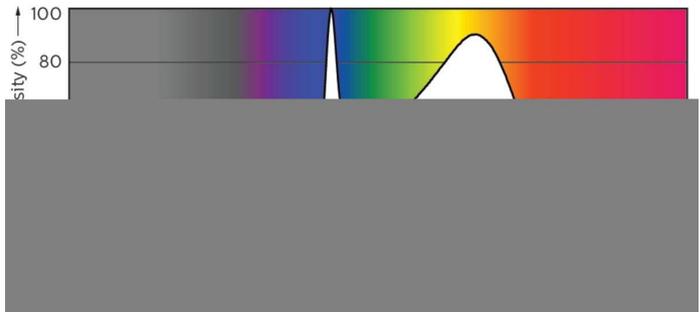


| Product | D1 | D2 | A1 | A2 | A3 |
|-------------------------------------|---------|-------|------------|------------|----------|
| MAS LEDtube HF 1200mm HO 26W 840 T5 | 15.2 mm | 21 mm | 1,147.8 mm | 1,154.9 mm | 1,162 mm |

Photometric data



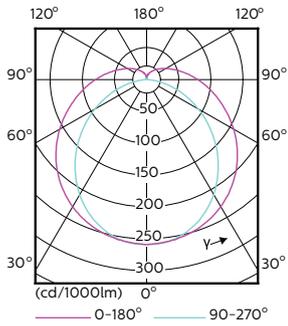
General uniform lighting - MAS LEDtube HF 1200mm HO 26W 840 T5



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

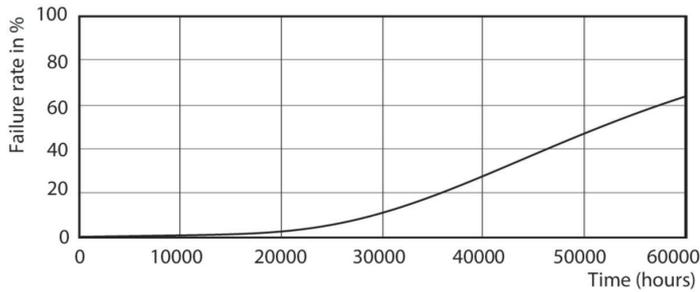
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Photometric data



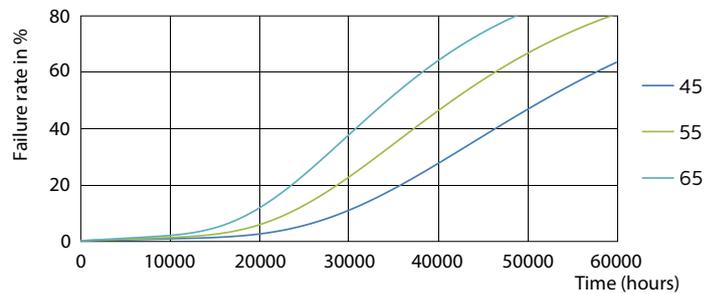
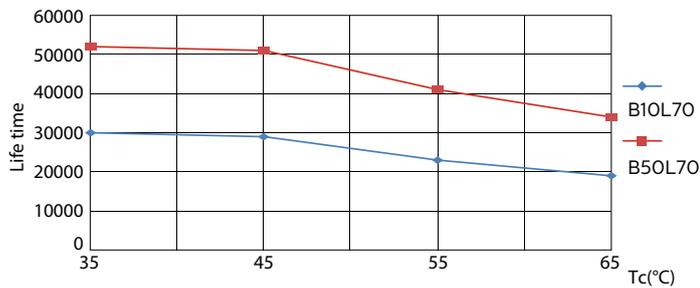
Light Distribution Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5

Lifetime



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

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



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