



MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm HO 18W840 T8

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

| General Information | |
|------------------------------------|---------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime | 50,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 160 degree(s) |
| Luminous Flux | 2,100 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Color Consistency | <6 |
| Color rendering index (CRI) | 83 |

| LLMF At End Of Nominal Lifetime (Nom) 70 % | |
|--------------------------------------------|----------------------|
| Operating and Electrical | |
| Line Frequency | 25000-80000 Hz |
| Input Frequency | 25000-80000 Hz |
| Power Consumption | 18 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | Instant full light s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 50-100 V |
| Temperature | |
| Ambient temperature range | -20 °C to 35 °C |
| T-Case Maximum (Nom) | 40 °C |

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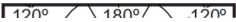
| | |
|-------------------------------|--------------------------------------------------|
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Product Length | 1,200 mm |
| Approval and Application | |
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | No |
| Approval Marks | CE marking RoHS compliance KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 22 kWh |

Dimensional drawing

| | |
|---------------------------------|------------------------------------|
| Product Data | |
| Order product name | MAS LEDtube HF 1200mm HO 18W840 T8 |
| Full product name | MAS LEDtube HF 1200mm HO 18W840 T8 |
| Full product code | 871869647125800 |
| Order code | 929001155102 |
| Material Nr. (12NC) | 929001155102 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696471258 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718696471265 |

| Product | D1 | D2 | A1 | A2 | A3 |
|------------------------------------|---------|-------|------------|------------|------------|
| MAS LEDtube HF 1200mm HO 18W840 T8 | 25.6 mm | 28 mm | 1,198.0 mm | 1,205.0 mm | 1,212.0 mm |

Photometric data



Light Distribution Diagram - MAS LEDtube HF 1200mm HO 18W840 T8

Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 18W840 T8

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