



MASTER LEDtube EM/ Mains T8

MASTER LEDtube STD 1200mm 14.5W840 T8 I

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Warnings and Safety

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Product data

| General Information | |
|---------------------------------------|---------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime | 40,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 150 degree(s) |
| Luminous Flux | 1,600 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Color Consistency | <6 |
| Color rendering index (CRI) | 83 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

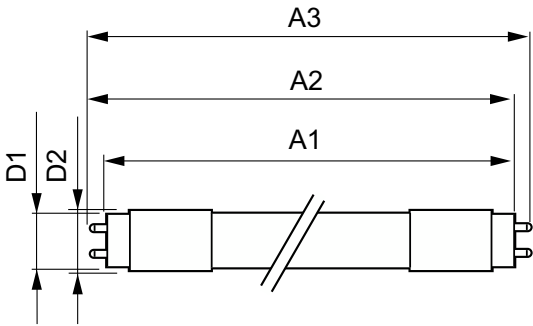
| Operating and Electrical | |
|---------------------------|----------------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 14.5 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | Instant full light s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| Ambient temperature range | -20 °C to 45 °C |
| T-Case Maximum (Nom) | 45 °C |
| Controls and Dimming | |
| Dimmable | No |

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|-------------------------------|--|
| Mechanical and Housing | |
| Product Length | 47-1/4 inch |
| 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 | 14.5 kWh |
| Product Data | |
| Order product name | MAS LEDtube STD 1200mm 14.5W840 T8 I |

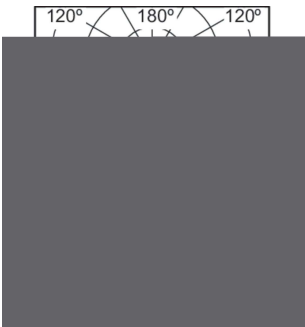
| | |
|---------------------------------|---|
| Full product name | MASTER LEDtube STD 1200mm 14.5W840 T8 I |
| Full product code | 871829179312000 |
| Order code | 79312000 |
| Material Nr. (12NC) | 929001119008 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291793120 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718291793137 |

Dimensional drawing

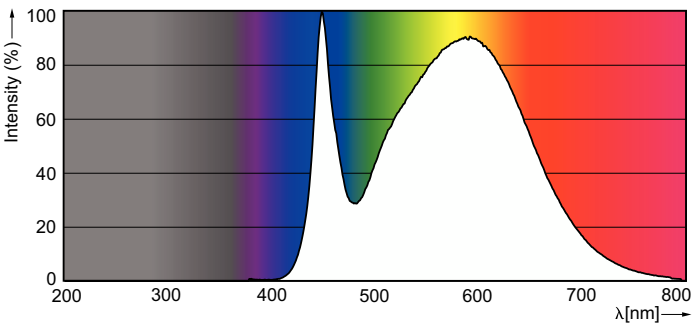


| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------------|----------|-------|------------|------------|------------|
| MAS LEDtube STD 1200mm 14.5W840 T8 I | 25.68 mm | 28 mm | 1,198.0 mm | 1,205.0 mm | 1,212.0 mm |

Photometric data



Light Distribution Diagram - MAS LEDtube STD 1200mm 14.5W840 T8 I



Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 14.5W840 T8 I

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