



MASTER LEDtube EM/ Mains

MASTER LEDtube 1200mm HO 14W840 T8

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. This product is the ideal solution for up lighting in general lighting applications.

Product data

| General Information | |
|-------------------------|----------------------------------|
| Cap base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime (nom.) | 50000 h |
| Switching cycle | 200000X |

| Light Technical | |
|--|-----------------------|
| Colour Code | 840 [CCT of 4,000 K] |
| Lamp Luminous Flux 25°C EL (Nom) | 2100 lm |
| Colour Temperature, horizontal (Nom) | 4000 K |
| Colour consistency | <6 |
| Colour Rendering Index,horiz (Nom) | 83 |
| LLMF at end of nominal lifetime (nom.) | 70 % |

| Operating and Electrical | |
|----------------------------------|-------------|
| Input frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 14 W |
| Lamp current (max.) | 65 mA |
| Lamp current (min.) | 60 mA |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |

| | |
|---------------------|-----------|
| Power factor (nom.) | 0.9 |
| Voltage (Nom) | 220-240 V |

| Temperature | |
|-----------------------|--------|
| T ambient (max.) | 45 °C |
| T ambient (min.) | -20 °C |
| T storage (max.) | 65 °C |
| T storage (min.) | -40 °C |
| T-Case maximum (nom.) | 55 °C |

| Controls and Dimming | |
|----------------------|----|
| Dimmable | No |

| Mechanical and Housing | |
|------------------------|---------|
| Product length | 1200 mm |

| Approval and Application | |
|-------------------------------|--|
| Energy efficiency label (EEL) | A++ |
| Energy-saving product | Yes |
| Approval marks | CE marking RoHS compliance KEMA Keur certificate |

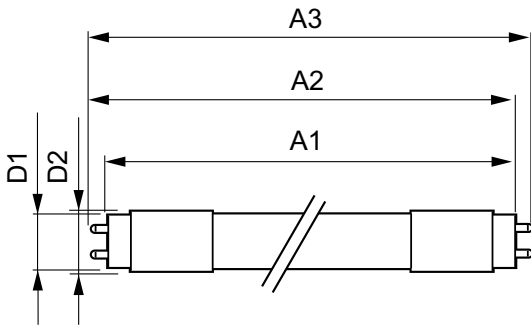
MASTER LEDtube EM/Mains

| | |
|-------------------------------|------------------------------------|
| Energy Consumption kWh/1000 h | 14 kWh |
| Product Data | |
| Full product code | 871869668726000 |
| Order product name | MASTER LEDtube 1200mm HO 14W840 T8 |
| EAN/UPC – product | 8718696687260 |
| Order code | 929001299308 |

| | |
|---------------------------------|--------------|
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 10 |
| Material no. (12NC) | 929001299308 |
| Net weight (piece) | 0.215 kg |

Warnings and Safety

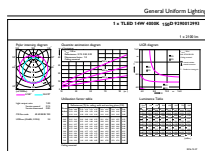
Dimensional drawing



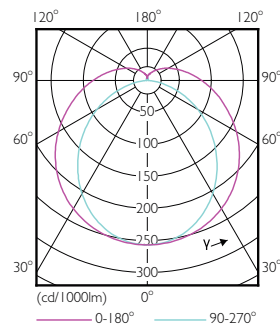
TLED 4ft 14W-36W 2100lm 150D 4000K G13ND

| Product | D1 | D2 | A1 | A2 | A3 |
|------------------------------------|---------|-------|-----------|-----------|-----------|
| MASTER LEDtube 1200mm HO 14W840 T8 | 25.8 mm | 28 mm | 1198.2 mm | 1205.3 mm | 1212.4 mm |

Photometric data



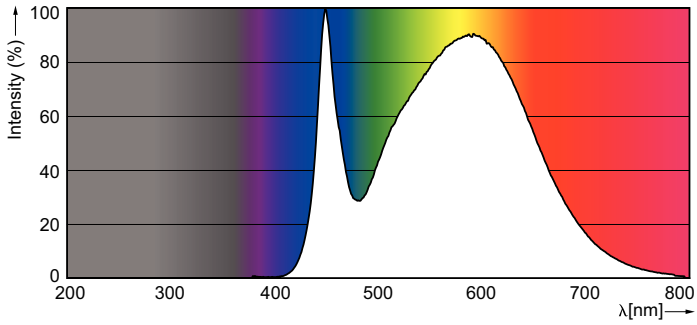
MAS LEDtube HO 14W G13 840 T8



MAS LEDtube HO 14W G13 830-865 T8

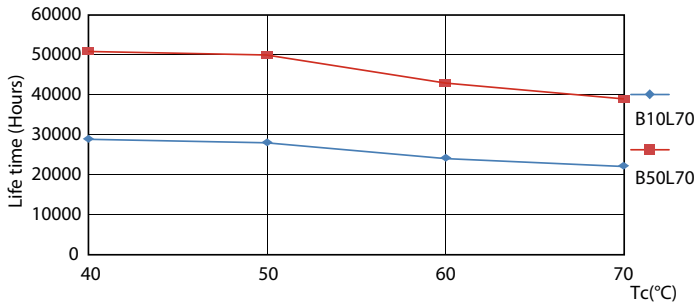
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Photometric data

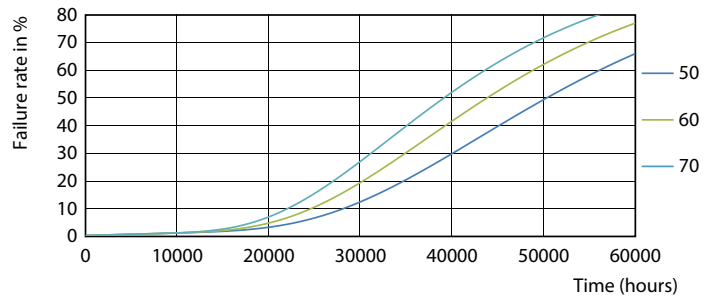


SDPO_MLED_APR_0015-Spectral Power distribution

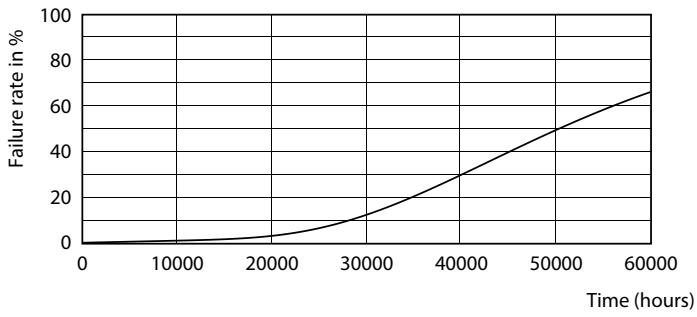
Lifetime



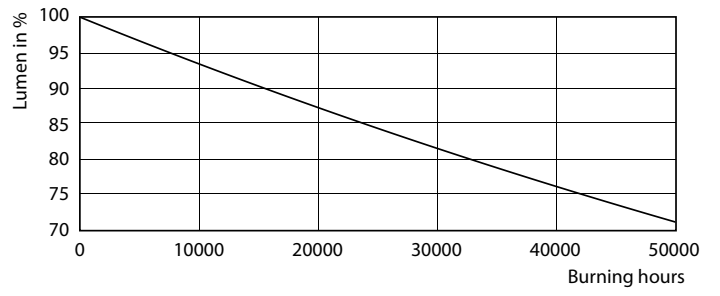
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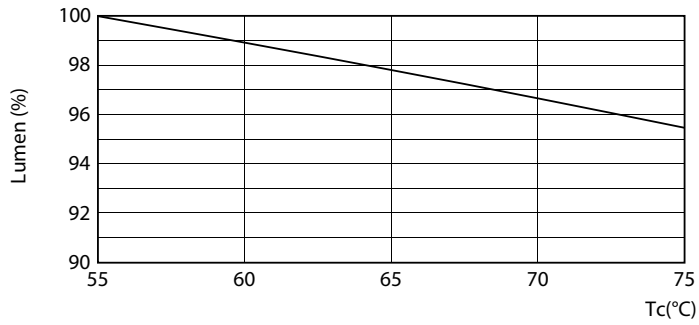
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Lifetime



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