



Essential LED tubes T5 Mains

MASTER LEDtube 600mm 7.5W865 G5 I

The Essential LEDtube T5 is an affordable LED solution suitable for replacing T5 fluorescent lamps. Thanks to a unique design, Philips Essential LED tube T5 Mains can be directly installed in luminaires operating on mains power connection. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

| General Information | |
|--|-----------------------|
| Cap base | G5 [G5] |
| Nominal lifetime (nom.) | 40000 h |
| Switching cycle | 50000X |
| Light Technical | |
| Colour Code | 865 [CCT of 6,500 K] |
| Technical Beam Angle (Nom) | 160 ° |
| Lamp Luminous Flux 25°C EL (Nom) | 800 lm |
| Colour Temperature, horizontal (Nom) | 6500 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) | 7.5 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor (nom.) | 0.9 |

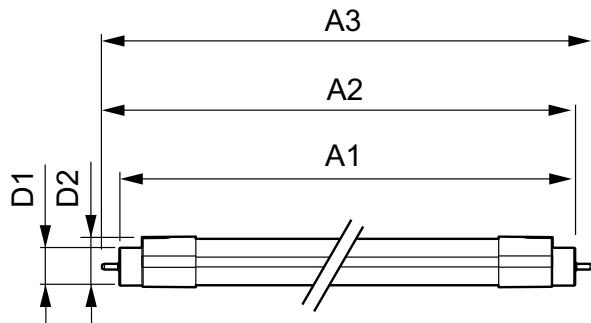
| Voltage (Nom) | 19 V |
|-------------------------------|--------|
| Temperature | |
| T ambient (max.) | 45 °C |
| T ambient (min.) | -20 °C |
| T storage (max.) | 65 °C |
| T storage (min.) | -40 °C |
| T-Case maximum (nom.) | 60 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Product length | 600 mm |
| Approval and Application | |
| Energy efficiency label (EEL) | A+ |
| Energy-saving product | Yes |
| Suitable for accent lighting | No |

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| | |
|-------------------------------|--|
| Approval marks | RoHS compliance KEMA Keur certificate CE marking |
| Energy Consumption kWh/1000 h | 9 kWh |
| Product Data | |
| Full product code | 694793910976000 |
| Order product name | MASTER LEDtube 600mm 7.5W865 G5 I |
| EAN/UPC – product | 6947939109760 |

| | |
|---------------------------------|--------------|
| Order code | 929001155010 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 20 |
| Material no. (12NC) | 929001155010 |
| Net weight (piece) | 0.076 kg |

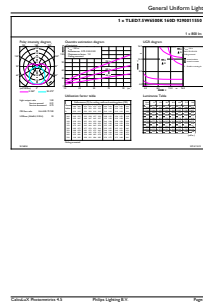
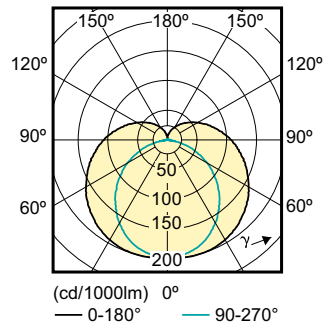
Dimensional drawing



TLED T5 19V 7.5W-14W 800lm160D 6500K G5

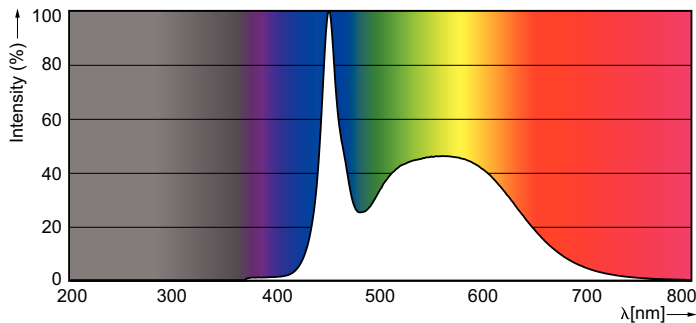
| Product | D1 | D2 | A1 | A2 | A3 |
|-----------------------------------|---------|---------|----------|----------|----------|
| MASTER LEDtube 600mm 7.5W865 G5 I | 15.8 mm | 21.0 mm | 548.0 mm | 555.0 mm | 562.0 mm |

Photometric data



LED Lamps, LEDtubes, MASTER LEDtube 600mm 7.5W 6500K G5 I

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