



MASTER LEDtube Mains T5



MAS LEDtube 900mm HE 11.5W 830 T5 EU

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! . Perfectly safe, reliable & easy to install Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

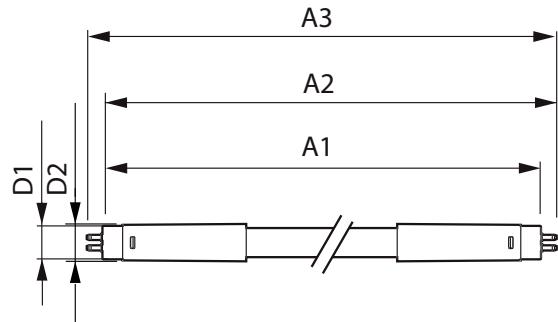
Product data

| General Information | |
|--|--------------------|
| Cap-Base | G5 |
| Nominal lifetime | 50,000 hour(s) |
| Switching Cycle | 200,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 830 [CCT of 3000K] |
| Beam Angle (Nom) | 200 degree(s) |
| Luminous Flux | 1,600 lm |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 139 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Flickering value (PstLM) - Flickering value as per | |
| EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | |
| Photobiological safety according to EN 62471 | RG0 |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 11.5 W |
| Lamp Current (Max) | 57 mA |
| Lamp Current (Min) | 57 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220-240 V |
| Voltage (Nom) | 220 V |
| LED alternative to fluorescent lamp power | 21 W |

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| | |
|--|---------------|
| Inrush current at mains | 7 |
| Max. lamp no. on MCB B type 10A - Mains | 110 |
| Max. lamp no. on MCB B type 10A - EM ballast | - |
| without Comp. Cap. | |
| Max. lamp no. on MCB B type 10A - EM ballast | - |
| with Comp. Cap. | |
| Max. lamp no. on MCB B type 16A - Mains | 175 |
| Max. lamp no. on MCB B type 16A - EM ballast | - |
| without Comp. Cap. | |
| Max. lamp no. on MCB B type 16A - EM ballast | - |
| with Comp. Cap. | |
| Ballast Compatibility | Mains |
| Temperature | |
| Ambient temperature range | -20 to +45 °C |
| T-Case Maximum (Nom) | 45 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Product Length | 900 mm |

Dimensional drawing

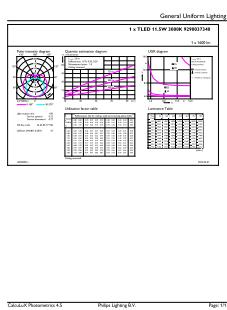


| | |
|---------------------------------|---|
| Bulb Shape | T5 |
| Approval and Application | |
| Energy Efficiency Class | D |
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance TUV CE marking KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 12 kWh |
| EPREL Registration Number | 1587455 |
| Product Data | |
| Order product name | MAS LEDtube 900mm HE 11.5W 830 T5 EU |
| Full product name | MAS LEDtube 900mm HE 11.5W 830 T5 EU |
| Full product code | 872016927062600 |
| Order code | 929003734002 |
| Material Nr. (12NC) | 929003734002 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169270626 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8720169270633 |

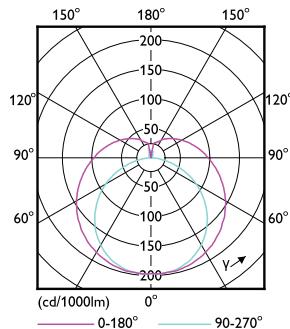
| Product | D1 | D2 | A1 | A2 | A3 |
|---|---------|-------|--------|----------|----------|
| MAS LEDtube 900mm HE 11.5W 830 T5 EU | 15.7 mm | 19 mm | 849 mm | 856.1 mm | 863.2 mm |

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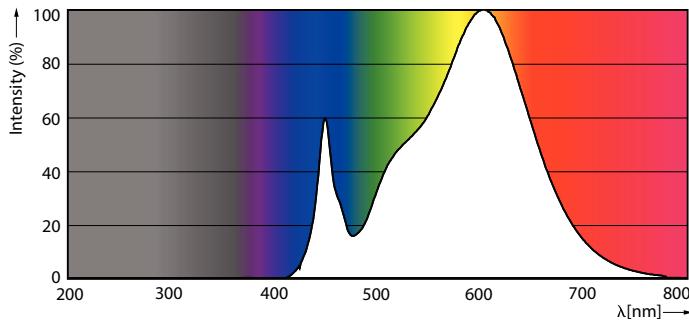
Photometric data



General uniform lighting - MAS LEDtube 900mm HE 11.5W 830 T5 EU

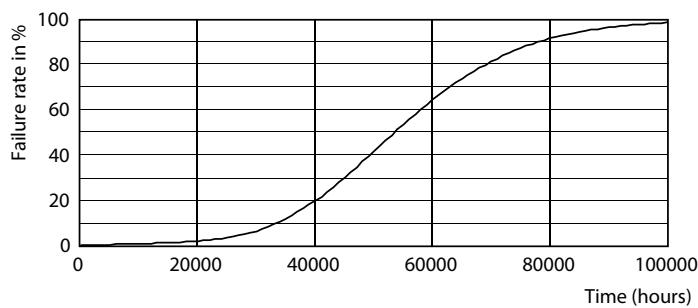


Light Distribution Diagram - MAS LEDtube 900mm HE 11.5W 830 T5 EU

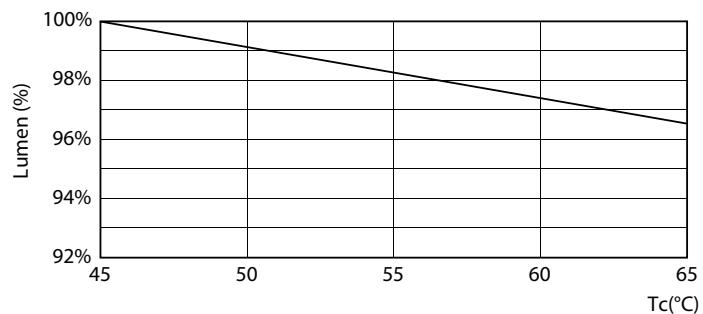


Spectral Power Distribution Colour - MAS LEDtube 900mm HE 11.5W 830 T5 EU

Lifetime



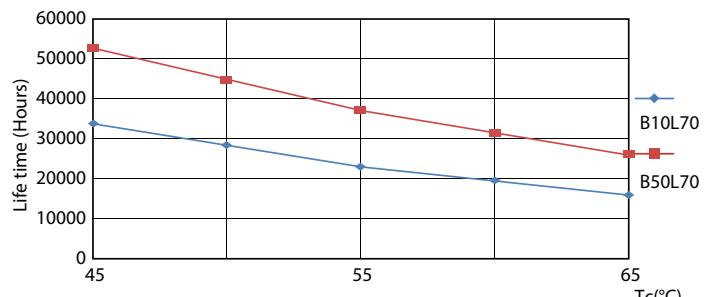
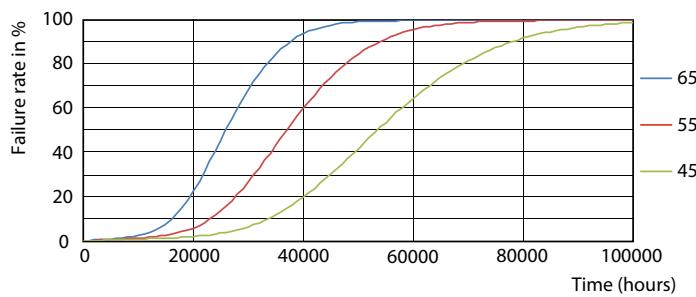
Life Expectancy Diagram - MAS LEDtube 900mm HE 11.5W 830 T5 EU



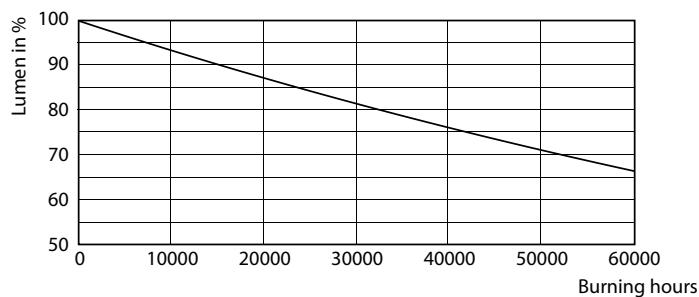
Lumen Maintenance Diagram - MAS LEDtube 900mm HE 11.5W 830 T5 EU

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Lifetime



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