

# MASTER LEDtube EM/ Mains

## Master LEDTube 1200 mm 18W 840 T8 I W

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.

### Product data

| General Information    |                                  |
|------------------------|----------------------------------|
| Cap-Base               | G13 [ Medium Bi-Pin Fluorescent] |
| EU RoHS compliant      | Yes                              |
| Nominal Lifetime (Nom) | 40000 h                          |
| Switching Cycle        | 50000X                           |

| Light Technical                       |                           |
|---------------------------------------|---------------------------|
| Color Code                            | 841 [ CCT of 4100K (841)] |
| Beam Angle (Nom)                      | 160 °                     |
| Luminous Flux (Nom)                   | 2100 lm                   |
| Correlated Color Temperature (Nom)    | 4000 K                    |
| Color Consistency                     | <6                        |
| Color Rendering Index (Nom)           | 82                        |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                      |

| Operating and Electrical        |                      |
|---------------------------------|----------------------|
| Input Frequency                 | 50 to 60 Hz          |
| Power (Rated) (Nom)             | 18 W                 |
| Starting Time (Nom)             | 0.5 s                |
| Warm Up Time to 60% Light (Nom) | instant full light s |

|                    |           |
|--------------------|-----------|
| Power Factor (Nom) | 0.92      |
| Voltage (Nom)      | 100-240 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) | 70 °C  |

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

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

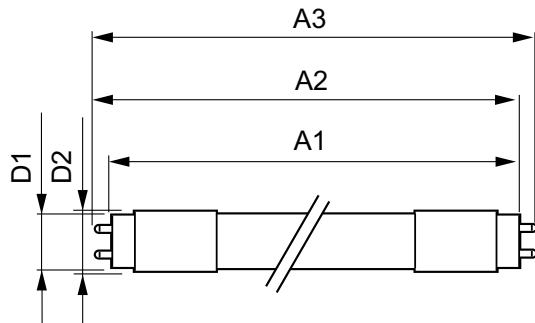
| Approval and Application      |     |
|-------------------------------|-----|
| Energy Efficiency Label (EEL) | A+  |
| Energy Saving Product         | Yes |
| Suitable For Accent Lighting  | No  |

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|                               |  |
|-------------------------------|--|
| Approval Marks                | CE marking RoHS compliance KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 18 kWh   |
| <b>Product Data</b>           |  |
| Full product code             | 871869652404600                                  |
| Order product name            | Master LEDTube 1200 mm 18W 840 T8 I W            |
| EAN/UPC - Product             | 8718696524046                                    |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 929001187712 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001187712 |
| Net Weight (Piece)              | 0.251 kg     |

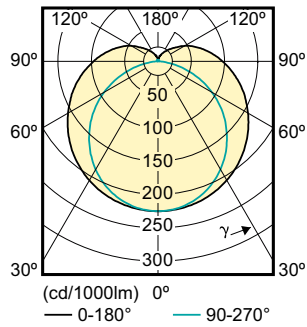
## Dimensional drawing



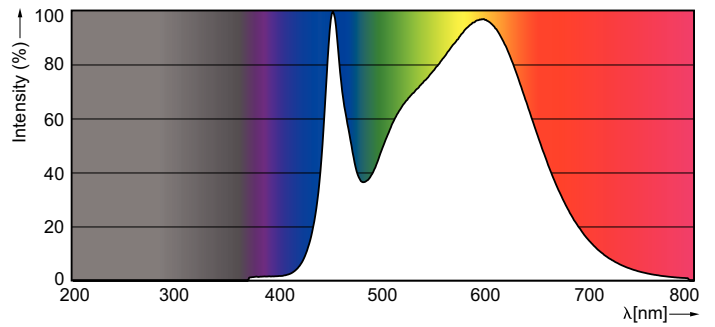
LEDtube 1200mm 18W/840 T8 I W

| Product                               | D1      | D2      | A1        | A2        | A3        |
|---------------------------------------|---------|---------|-----------|-----------|-----------|
| Master LEDTube 1200 mm 18W 840 T8 I W | 25.6 mm | 27.8 mm | 1198.1 mm | 1205.2 mm | 1212.3 mm |

## Photometric data



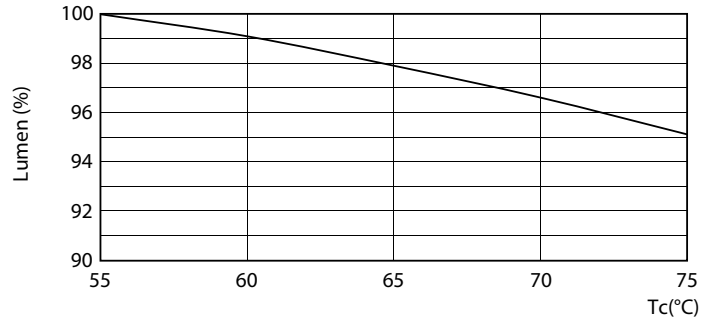
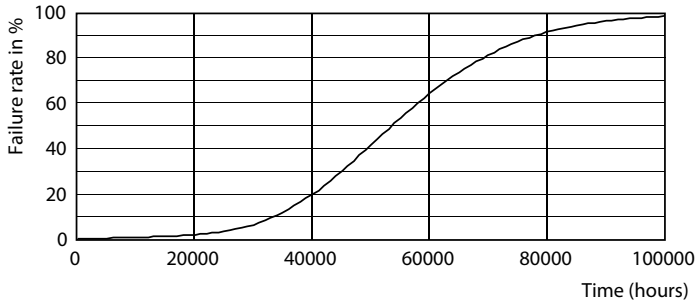
LEDtube 1200mm 18 W T8 I W



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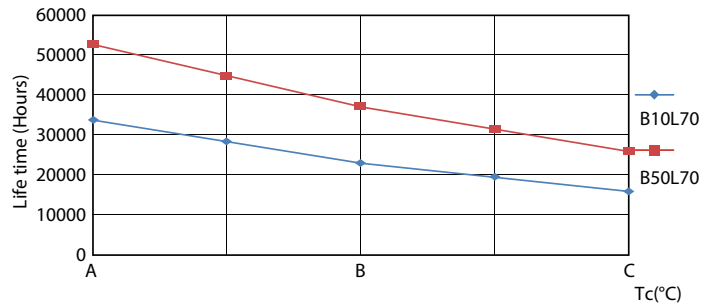
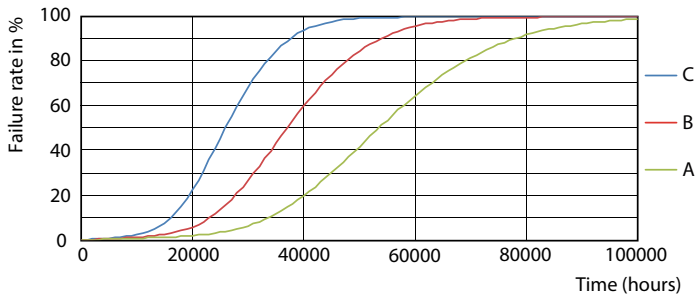
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## Lifetime



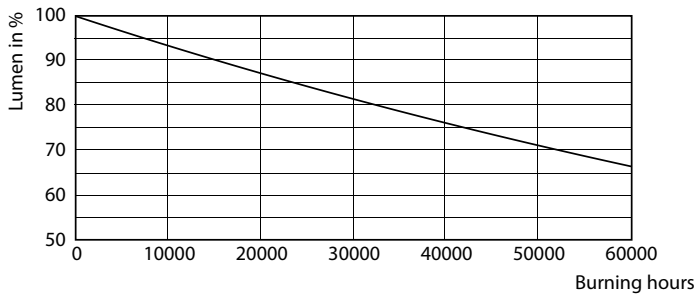
LEDTube 1200 mm 18W 840 T8 I W

LEDTube 1200 mm 18W 840 T8 I W LumenVsTc



LEDTube 1200 mm 18W 840 T8 I W FailureRate

LEDTube 1200 mm 18W 840 T8 I W LifetimeVsTc



LEDTube 1200 mm 18W 840 T8 I W

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