



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1200mm UO 16W 865 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. 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                |                                 | LLMF At End Of Nominal Lifetime (Nom) 70 % |                 |
|------------------------------------|---------------------------------|--------------------------------------------|-----------------|
| Cap-Base                           | G13 [Medium Bi-Pin Fluorescent] |                                            |                 |
| Nominal lifetime                   | 50,000 hour(s)                  |                                            |                 |
| Switching Cycle                    | 200,000                         |                                            |                 |
| Lighting Technology                | LED                             |                                            |                 |
| EU RoHS compliant                  | Yes                             |                                            |                 |
| Light Technical                    |                                 | Operating and Electrical                   |                 |
| Color Code                         | 865 [CCT of 6500K]              | Line Frequency                             | 50 to 60 Hz     |
| Beam Angle (Nom)                   | 160 degree(s)                   | Input Frequency                            | 50 to 60 Hz     |
| Luminous Flux                      | 2,500 lm                        | Power Consumption                          | 16 W            |
| Color Designation                  | Cool Daylight                   | Lamp Current (Max)                         | 75 mA           |
| Correlated Color Temperature (Nom) | 6500 K                          | Lamp Current (Min)                         | 68 mA           |
| Luminous Efficacy (rated) (Nom)    | 156.00 lm/W                     | Starting Time (Nom)                        | 0.5 s           |
| Color Consistency                  | <6                              | Warm-up time to 60% light                  | 0.5 s           |
| Color rendering index (CRI)        | 83                              | Power Factor (Fraction)                    | 0.9             |
|                                    |                                 | Voltage (Nom)                              | 220-240 V       |
|                                    |                                 | Temperature                                |                 |
|                                    |                                 | Ambient temperature range                  | -20 °C to 35 °C |
|                                    |                                 | T-Case Maximum (Nom)                       | 55 °C           |



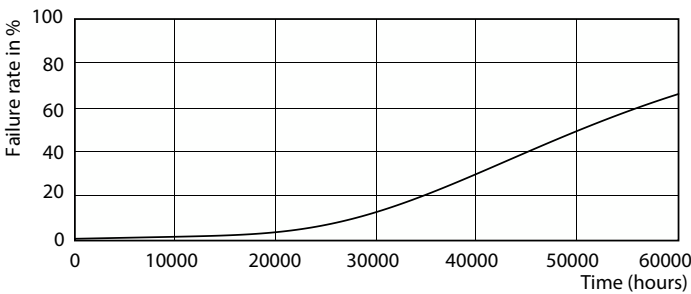
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Photometric data

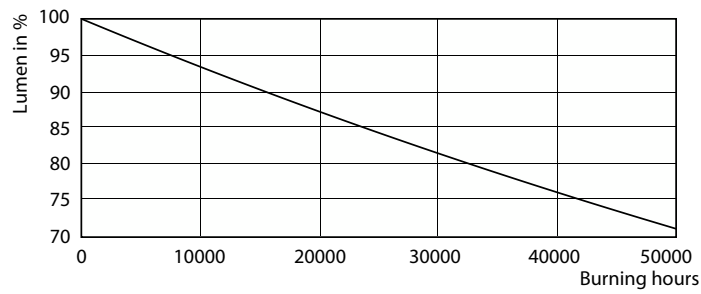


Light Distribution Diagram - MAS LEDtube 1200mm UO 16W 865 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm UO 16W 865 T8



Lumen Maintenance Diagram - MAS LEDtube 1200mm UO 16W 865 T8

