



# MASTER LEDtube InstantFit HF

## MASTER LEDtube HF 1500mm HO 20W830 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] |
| RoHS mark                              | RoHS mark                        |
| Main application                       | Industrial                       |
| Nominal lifetime (nom.)                | 60000 h                          |
| Switching cycle                        | 50000X                           |
| B50L70                                 | 60000 h                          |
| Light Technical                        |                                  |
| Colour code                            | 830 [ CCT of 3,000 K]            |
| Beam Angle (Nom)                       | 160 °                            |
| Luminous flux (nom.)                   | 2900 lm                          |
| Luminous flux (rated) (nom.)           | 2900 lm                          |
| Rated beam angle                       | 160 °                            |
| Correlated colour temperature (nom.)   | 3000 K                           |
| Colour consistency                     | <6                               |
| Color rendering index (nom.)           | 83                               |
| LLMF at end of nominal lifetime (nom.) | 70 %                             |

| Operating and Electrical         |                |
|----------------------------------|----------------|
| Input frequency                  | 20000-75000 Hz |
| Power (Rated) (Nom)              | 20 W           |
| Lamp current (max.)              | 750 mA         |
| Lamp current (min.)              | 300 mA         |
| Starting time (nom.)             | 0.5 s          |
| Warm-up time to 60% light (nom.) | 0.5 s          |
| Power factor (nom.)              | 0.9            |
| Voltage (Nom)                    | 30-80 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                         | Yes            |

# MASTER LEDtube InstantFit HF

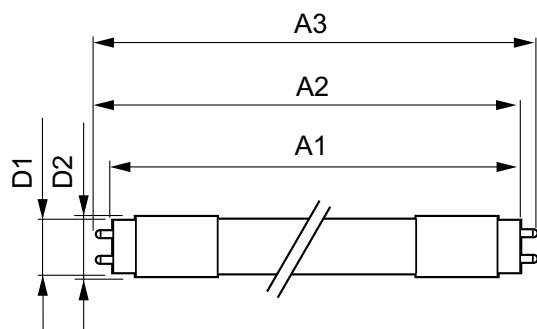
|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Mechanical and Housing        |                                                  |
| Product length                | 1500 mm                                          |
| Approval and Application      |                                                  |
| Energy efficiency label (EEL) | A+                                               |
| Energy-saving product         | Yes                                              |
| Approval marks                | RoHS compliance CE marking KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 24 kWh                                           |
| Product Data                  |                                                  |
| Full product code             | 871869668758100                                  |

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | MASTER LEDtube HF 1500mm HO 20W830 T8 |
| EAN/UPC – product               | 8718696687581                         |
| Order code                      | 68758100                              |
| Numerator – quantity per pack   | 1                                     |
| Numerator – packs per outer box | 10                                    |
| Material no. (12NC)             | 929001284602                          |
| Net weight (piece)              | 0.360 kg                              |

## Warnings and Safety

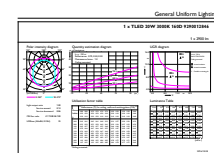
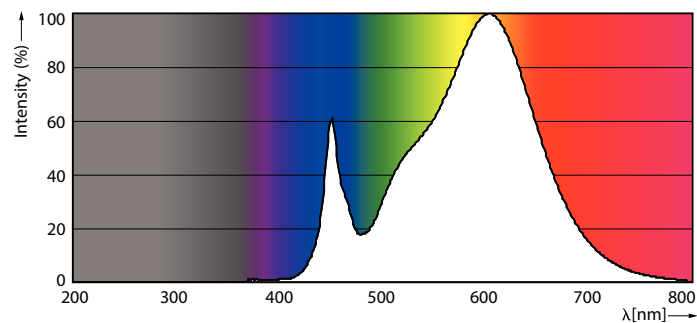
- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

## Dimensional drawing



| Product                               | D1      | D2    | A1        | A2        | A3        |
|---------------------------------------|---------|-------|-----------|-----------|-----------|
| MASTER LEDtube HF 1500mm HO 20W830 T8 | 25.6 mm | 28 mm | 1498.7 mm | 1505.8 mm | 1512.9 mm |

## Photometric data



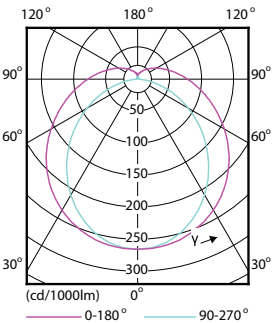
General Uniform Lighting

MASTER LEDtube HF 1500mm HO 20W830 T8

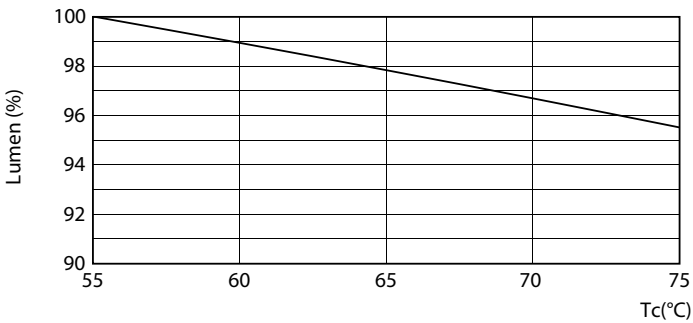
MASTER LEDtube HF 1500mm HO 20W830 T8

MASTER LEDtube InstantFit HF

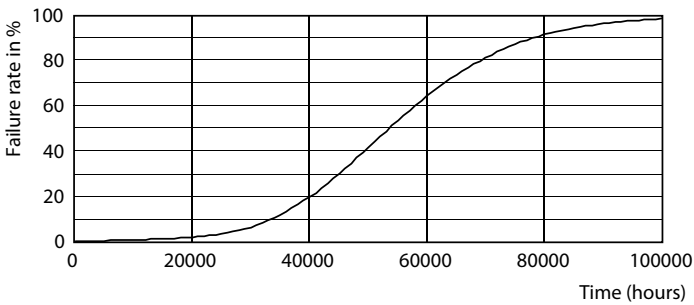
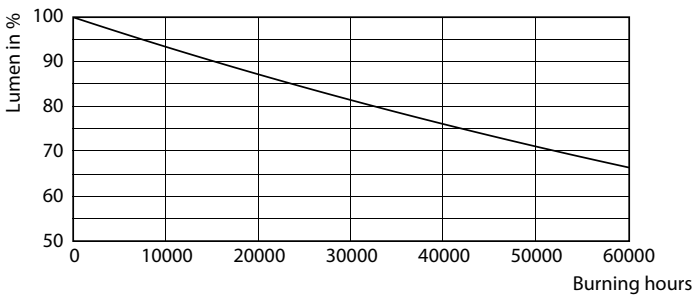
Photometric data



Lifetime

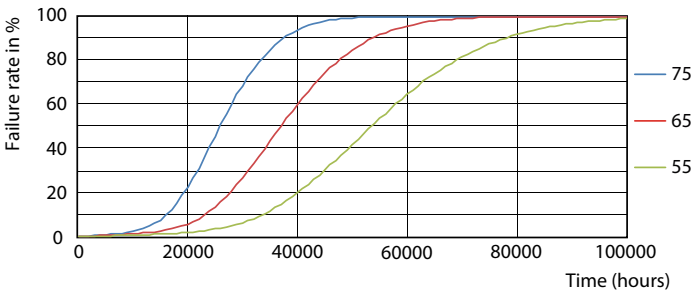


LEDtube HF 1500mm HO-UO 20-24W G13 830-865 T8

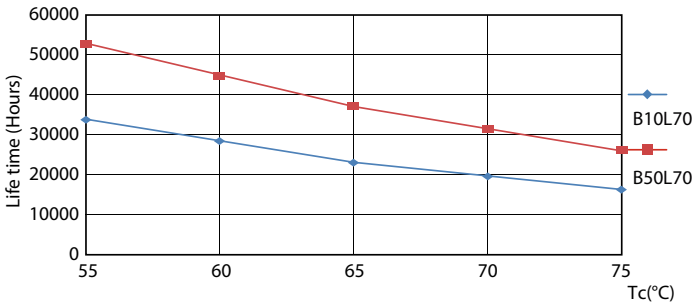


MASTER LEDtube InstantFit HF

Lifetime



LEDtube HF HO-UO 14-24W G13 830-865 T8



LEDtube HF HO-UO 14-24W G13 830-865 T8

