



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1500mm HO 18.2W 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

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

### Product data

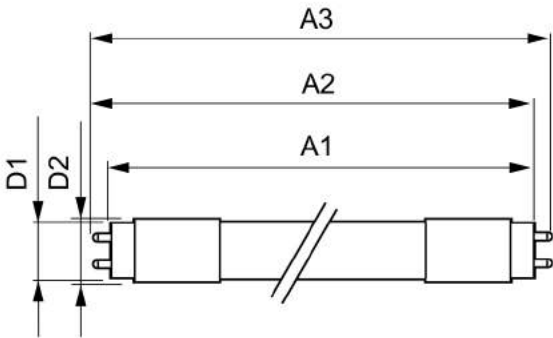
| General Information                |                                                 | LLMF At End Of Nominal Lifetime (Nom) 70 % |             |
|------------------------------------|-------------------------------------------------|--------------------------------------------|-------------|
| Cap-Base                           | G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent] |                                            |             |
| EU RoHS compliant                  | Yes                                             |                                            |             |
| Nominal Lifetime (Nom)             | 60000 h                                         |                                            |             |
| Switching Cycle                    | 200000X                                         |                                            |             |
| Light Technical                    |                                                 | Operating and Electrical                   |             |
| Color Code                         | 865 [ CCT of 6500K]                             | Input Frequency                            | 50 to 60 Hz |
| Beam Angle (Nom)                   | 160 °                                           | Power (Nom)                                | 18.2 W      |
| Luminous Flux (Nom)                | 3100 lm                                         | Lamp Current (Max)                         | 87 mA       |
| Color Designation                  | Cool Daylight                                   | Lamp Current (Min)                         | 79 mA       |
| Correlated Color Temperature (Nom) | 6500 K                                          | Starting Time (Nom)                        | 0.5 s       |
| Luminous Efficacy (rated) (Nom)    | 170.00 lm/W                                     | Warm Up Time to 60% Light (Nom)            | 0.5 s       |
| Color Consistency                  | <6                                              | Power Factor (Nom)                         | 0.9         |
| Color Rendering Index (Nom)        | 83                                              | Voltage (Nom)                              | 220-240 V   |
|                                    |                                                 | Temperature                                |             |
|                                    |                                                 | T-Ambient (Max)                            | 45 °C       |
|                                    |                                                 | T-Ambient (Min)                            | -20 °C      |
|                                    |                                                 | T-Storage (Max)                            | 65 °C       |

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|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| T-Storage (Min)                 | -40 °C                                               |
| T-Case Maximum (Nom)            | 55 °C                                                |
| <b>Controls and Dimming</b>     |                                                      |
| Dimmable                        | No                                                   |
| <b>Mechanical and Housing</b>   |                                                      |
| Bulb Material                   | Plastic                                              |
| Product Length                  | 1500 mm                                              |
| <b>Approval and Application</b> |                                                      |
| Energy Efficiency Label (EEL)   | A++                                                  |
| Energy Saving Product           | Yes                                                  |
| Approval Marks                  | RoHS compliance TUV CE marking KEMA Keur certificate |

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Energy Consumption kWh/1000 h   | 19 kWh                                |
| <b>Product Data</b>             |                                       |
| Full product code               | 871869959245500                       |
| Order product name              | MASTER LEDtube 1500mm HO 18.2W 865 T8 |
| EAN/UPC - Product               | 8718699592455                         |
| Order code                      | 929001923102                          |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 10                                    |
| Material Nr. (12NC)             | 929001923102                          |
| Net Weight (Piece)              | 0.450 kg                              |

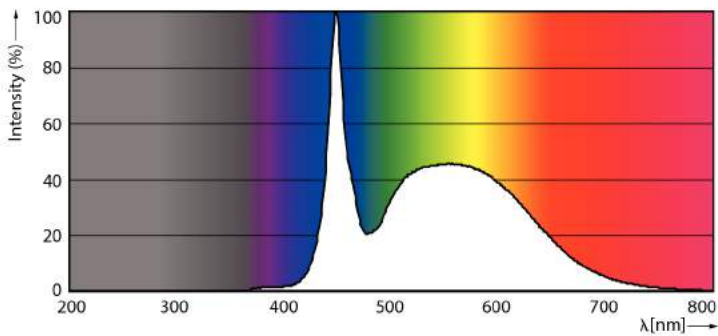
Dimensional drawing



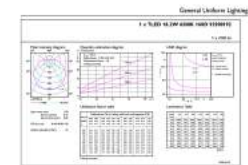
TLED master HE 3100lm 18.2w 5ft 6500k

| Product                                  | D1      | D2    | A1        | A2        | A3      |
|------------------------------------------|---------|-------|-----------|-----------|---------|
| MASTER LEDtube 1500mm<br>HO 18.2W 865 T8 | 25.8 mm | 28 mm | 1498.8 mm | 1505.9 mm | 1513 mm |

Photometric data



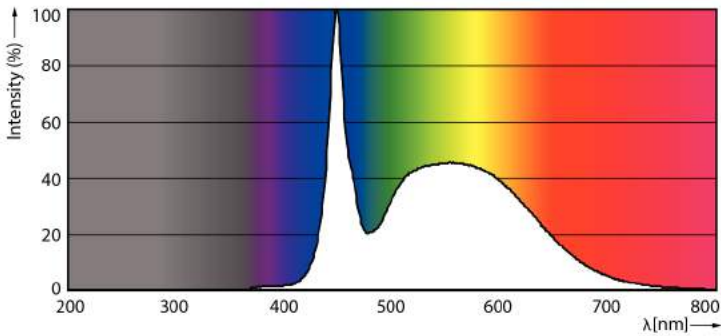
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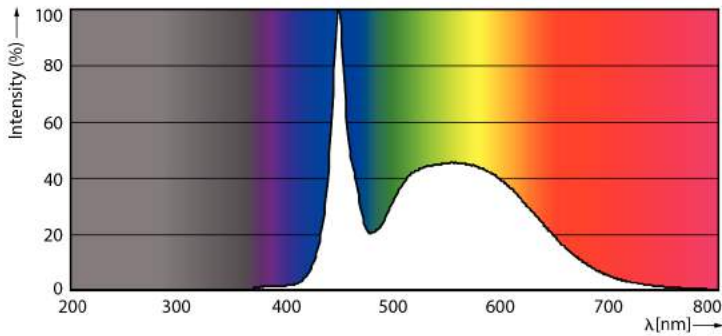
LEDtube MAS HO 18.2W G13 865 16D ND

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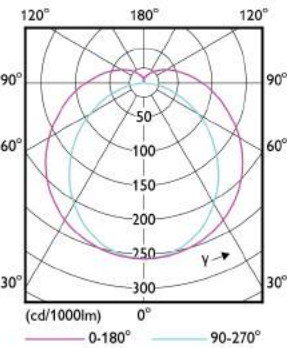
Photometric data



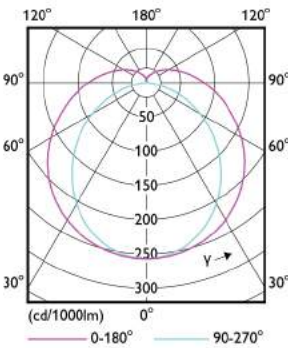
LEDtube MAS HO G13 865



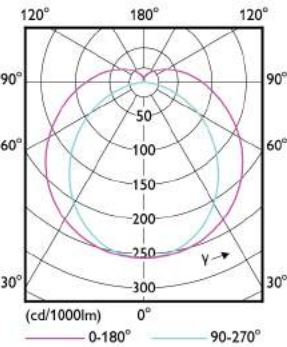
LEDtube MAS HO 12.5W G13 865 16D ND



LEDtube MAS HO G13



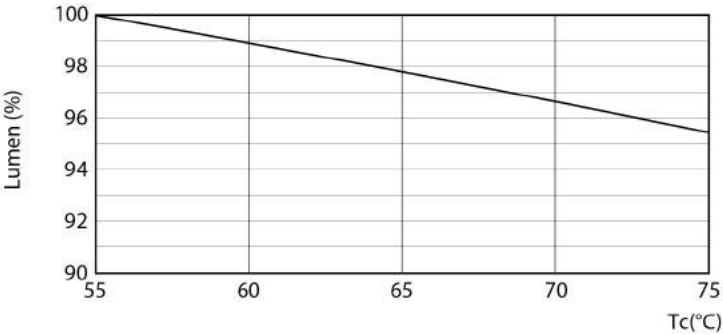
LEDtube T8 MAS HO G13



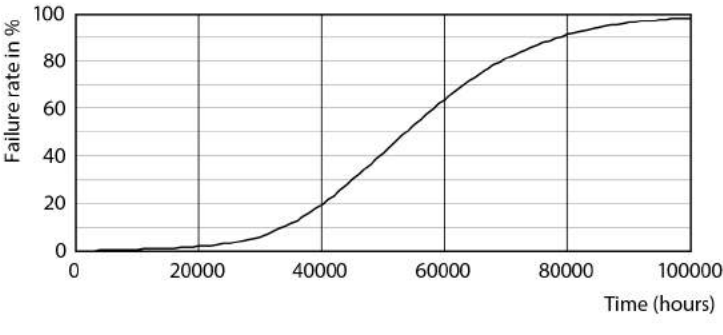
LEDtube MAS HO 12.5W G13 830 16D ND

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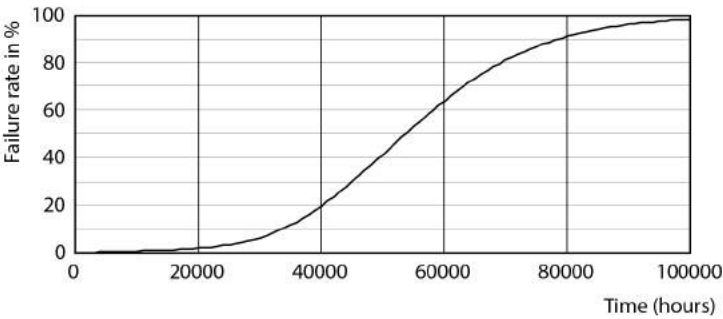
Lifetime



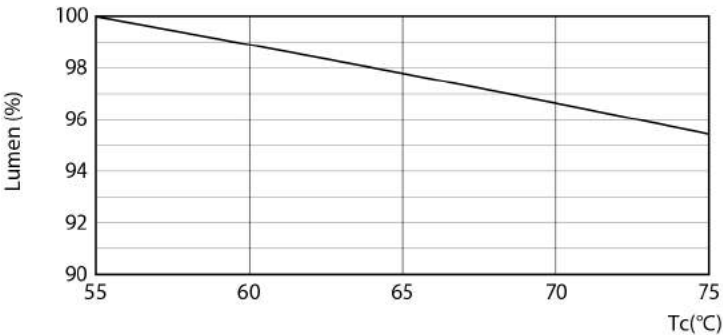
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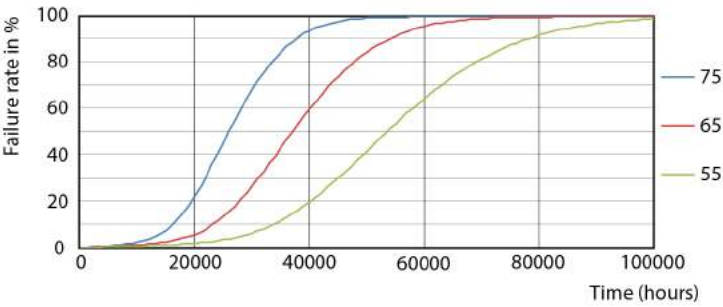
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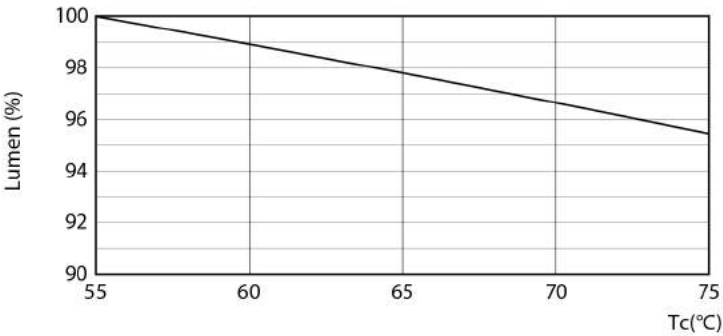
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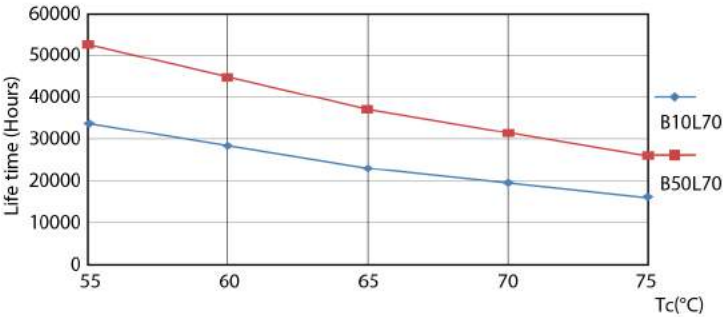
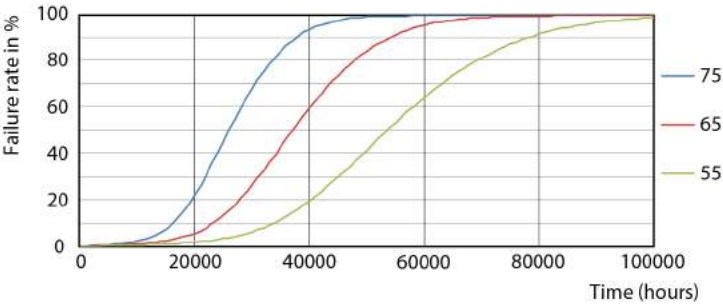
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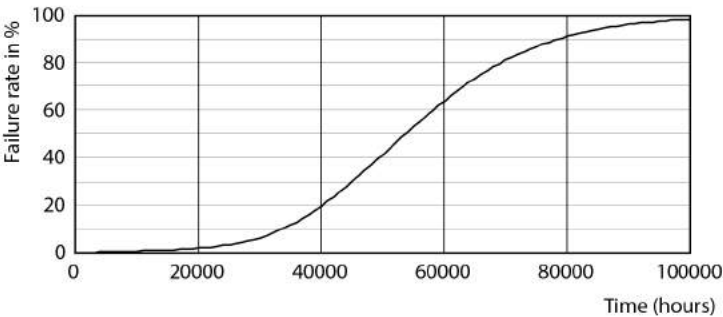
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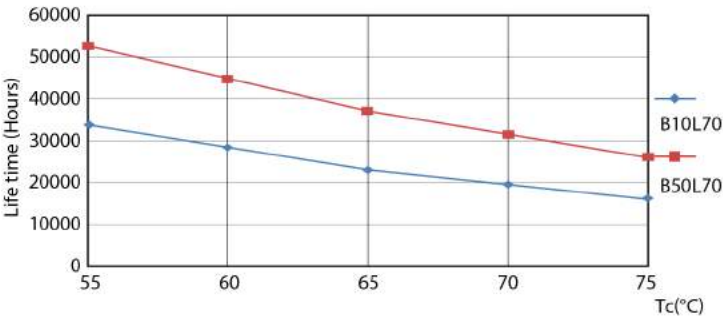
Lifetime



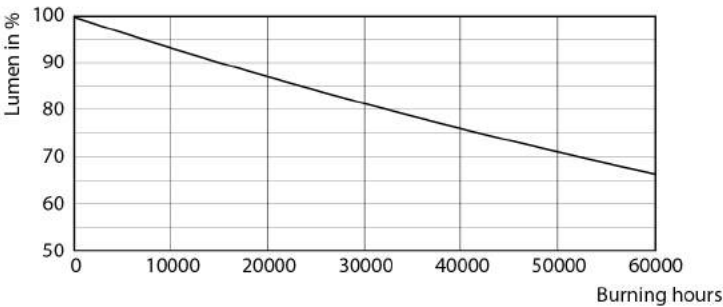
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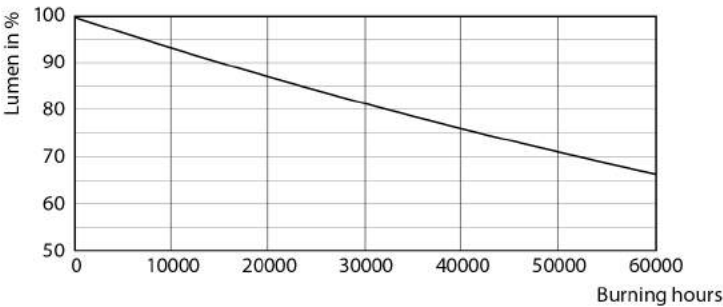
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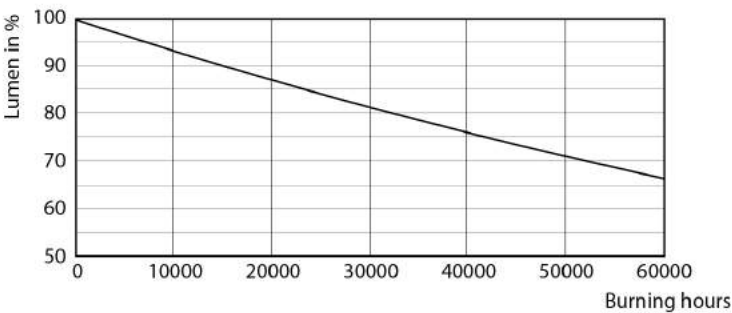
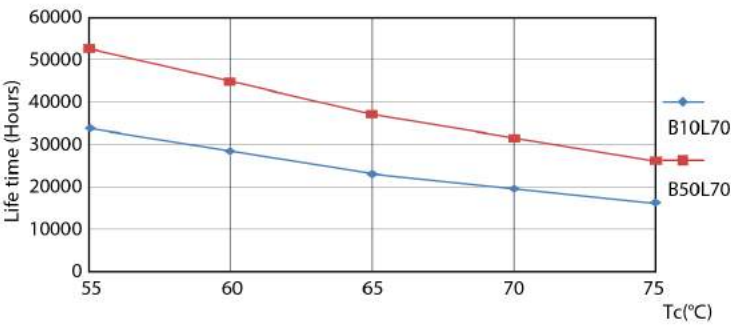


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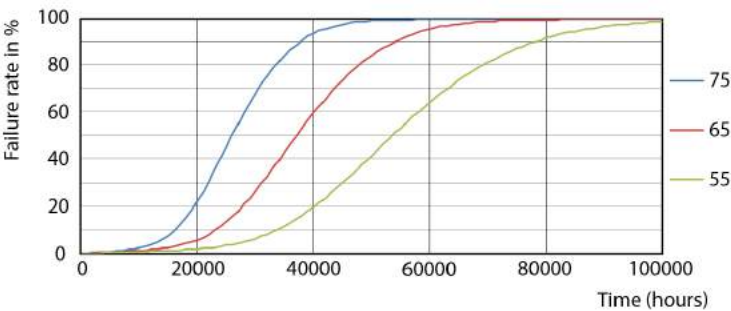


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Lifetime



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