

# Essential LEDtube

## LEDtube HO 1200mm 20W 740 T8 AP I G

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

### Product data

| General information                    |                                  |
|--|----------------------------------|
| Cap base                               | G13 [ Medium Bi-Pin Fluorescent] |
| EU RoHS compliant                      | Yes                              |
| Nominal lifetime (nom.)                | 15000 h                          |
| Switching cycle                        | 50000                            |
| Light technical                        |                                  |
| Colour Code                            | 740 [ CCT of 4,000 K]            |
| Beam Angle (Nom)                       | 240 °                            |
| Luminous flux (nom.)                   | 2100 lm                          |
| Colour designation                     | Cool White (CW)                  |
| Correlated Colour Temperature (Nom)    | 4000 K                           |
| Luminous efficacy (rated) (nom.)       | 105.00 lm/W                      |
| Colour consistency                     | <7                               |
| Colour rendering index (nom.)          | 70                               |
| LLMF at end of nominal lifetime (nom.) | 70 %                             |
| Operating and electrical               |                                  |
| Input frequency                        | 50 to 60 Hz                      |
| Power (Rated) (Nom)                    | 20 W                             |
| Starting time (nom.)                   | 0.5 s                            |
| Warm-up time to 60% light (nom.)       | 0.5 s                            |
| Power factor (nom.)                    | 0.5                              |

| Voltage (Nom)                      | 220-240 V                             |
|------------------------------------|---------------------------------------|
| Temperature                        |                                       |
| T-ambient (max.)                   | 45 °C                                 |
| T-ambient (min.)                   | -20 °C                                |
| T-storage (range)                  | -40°C to 65°C                         |
| T storage (max.)                   | 65 °C                                 |
| T storage (min.)                   | -40 °C                                |
| T-Case maximum (nom.)              | 65 °C                                 |
| Controls and dimming               |                                       |
| Dimmable                           | No                                    |
| Mechanical and housing             |                                       |
| Product length                     | 1200 mm                               |
| Bulb shape                         | Tube, double-ended                    |
| Approval and application           |                                       |
| Energy-saving product              | Yes                                   |
| Approval marks                     | RoHS compliance KEMA Keur certificate |
| Energy consumption kWh/1,000 hours | 20 kWh                                |

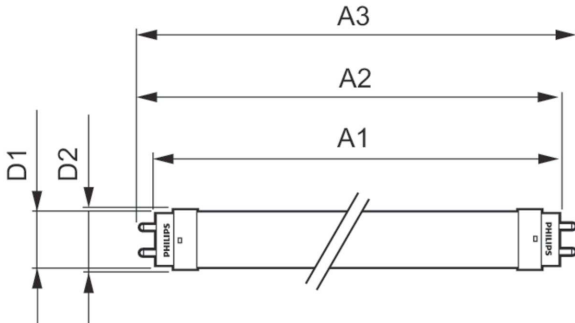
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## Product data

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Full product code                 | 871869667434500                     |
| Order product name                | LEDtube HO 1200mm 20W 740 T8 AP I G |
| EAN/UPC – product                 | 8718696674345                       |
| Order code                        | 67434500                            |
| SAP numerator – quantity per pack | 1                                   |

|                                 |              |
|---------------------------------|--------------|
| Numerator – packs per outer box | 10           |
| SAP material                    | 929001277208 |
| Net Weight (Piece)              | 0.215 kg     |

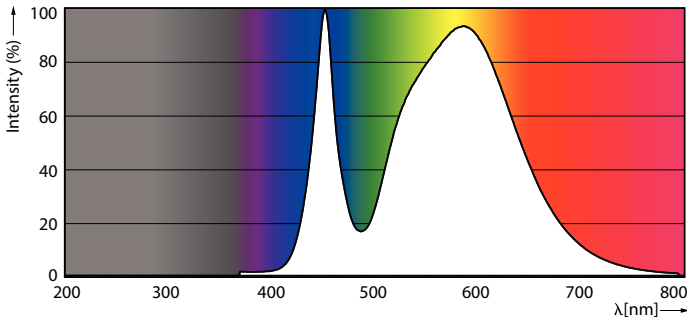
## Dimensional drawing



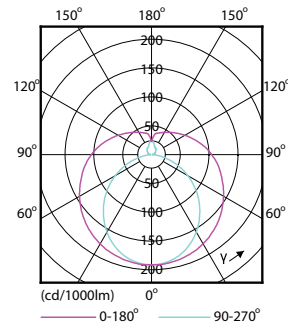
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| Product                             | D1      | D2    | A1      | A2      | A3      |
|-------------------------------------|---------|-------|---------|---------|---------|
| LEDtube HO 1200mm 20W 740 T8 AP I G | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

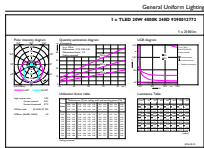
## Photometric data



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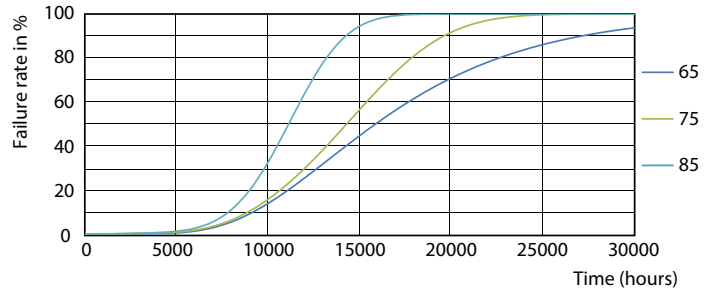
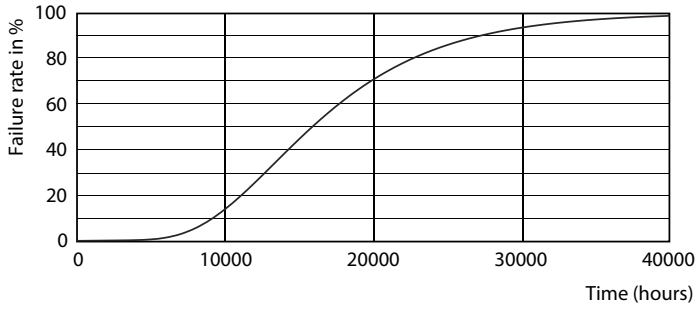
LEDtube HO 20W G13 730 T8 AP I G



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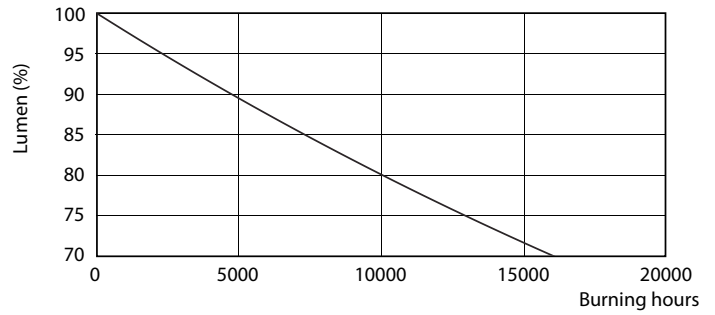
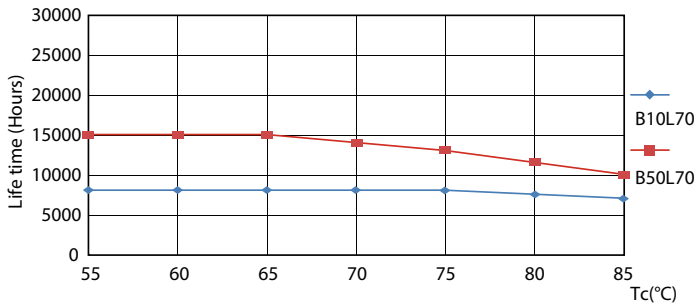
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## Lifetime



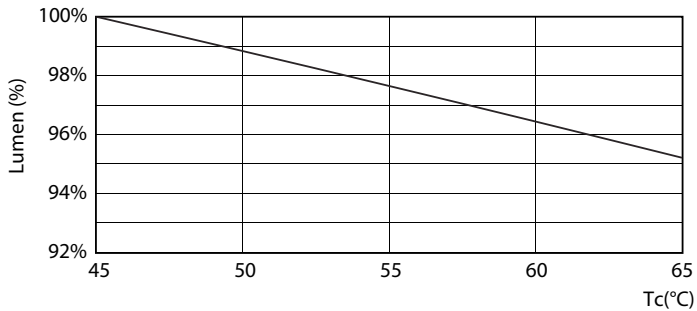
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