



# Essential LEDtube

## CorePro LEDtube HO 1200mm 18W865T8 AP

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] |
| Main application                       | Industrial                       |
| Nominal lifetime (nom.)                | 30000 h                          |
| Switching cycle                        | 200000X                          |
| B50L70                                 | 30000 h                          |
| Light Technical                        |                                  |
| Colour Code                            | 865 [ CCT of 6,500 K]            |
| Lamp Luminous Flux 25°C EL (Nom)       | 2100 lm                          |
| Lamp Luminous Flux (Nom)               | 2100 lm                          |
| Colour Temperature, horizontal (Nom)   | 6500 K                           |
| Colour consistency                     | <6                               |
| Colour Rendering Index, horiz (Nom)    | 80                               |
| LLMF at end of nominal lifetime (nom.) | 70 %                             |
| Operating and Electrical               |                                  |
| Input frequency                        | 50 to 60 Hz                      |
| Power (Rated) (Nom)                    | 18 W                             |
| Lamp current (nom.)                    | 80 mA                            |
| Starting time (nom.)                   | 0.5 s                            |
| Warm-up time to 60% light (nom.)       | 0.5 s                            |
| Power factor (nom.)                    | 0.9                              |

| Voltage (Nom)                 | 220–240 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.)         | 65 °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  |
| Approval marks                | CE marking RoHS compliance KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 18 kWh   |

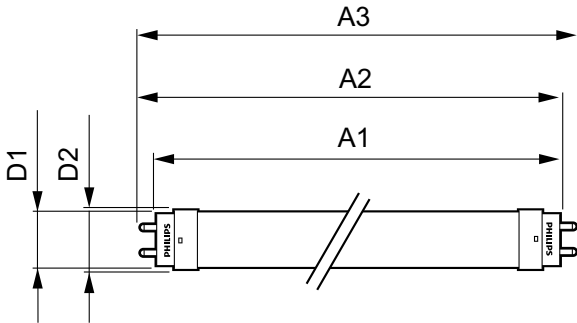
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## Product Data

|                               |                                       |
|-------------------------------|---------------------------------------|
| Full product code             | 871869673404900                       |
| Order product name            | CorePro LEDtube HO 1200mm 18W865T8 AP |
| EAN/UPC – product             | 8718696734049                         |
| Order code                    | 929001383508                          |
| Numerator – quantity per pack | 1                                     |

|                                 |              |
|---------------------------------|--------------|
| Numerator – packs per outer box | 10           |
| Material no. (12NC)             | 929001383508 |
| Net weight (piece)              | 0.120 kg     |

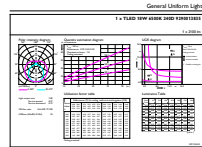
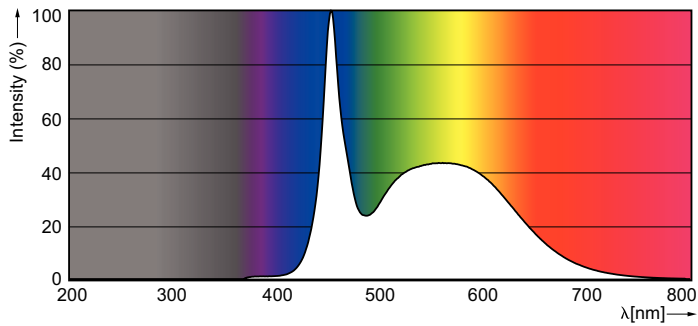
## Dimensional drawing



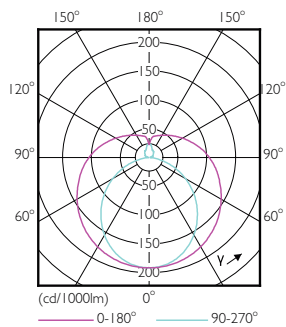
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| Product                                 | D1      | D2    | A1      | A2      | A3      |
|---|---------|-------|---------|---------|---------|
| ESSENTIAL LEDtube HO 1200mm 18W865T8 AP | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

## Photometric data



ESSENTIAL LEDtube HO 18W G13 865 T8 AP



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## Lifetime

