



# Essential LEDtube

## CorePro LEDtube 1200mm 16W865 G5 I APR

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                | G5 [ G5] |
| EU RoHS compliant       | Yes      |
| Nominal lifetime (nom.) | 30000 h  |
| Switching cycle         | 50,000X  |

| Light Technical                        |                       |
|--|-----------------------|
| Colour Code                            | 865 [ CCT of 6,500 K] |
| Technical Beam Angle (Nom)             | 200 °                 |
| Lamp Luminous Flux 25°C EL (Nom)       | 2100 lm               |
| Colour Designation                     | Cool Daylight         |
| Colour Temperature, horizontal (Nom)   | 6500 K                |
| Lamp Luminous Efficacy EM (Nom)        | 131.00 lm/W           |
| 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)      | 16 W        |
| Lamp current (max.)      | 179 mA      |
| Lamp current (min.)      | 77 mA       |
| Starting time (nom.)     | 0.5 s       |

|                                  |           |
|----------------------------------|-----------|
| Warm-up time to 60% light (nom.) | 0.5 s     |
| Power factor (nom.)              | 0.92      |
| Voltage (Nom)                    | 100–240 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.) | 70 °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 |

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Energy consumption kWh/1,000 hours 16 kWh

## Product Data

|                    |  |
|--------------------|--|
| Full product code  | 871869673206900                        |
| Order product name | CorePro LEDtube 1200mm 16W865 G5 I APR |
| EAN/UPC – product  | 8718696732069                          |
| Order code         | 929001381108                           |

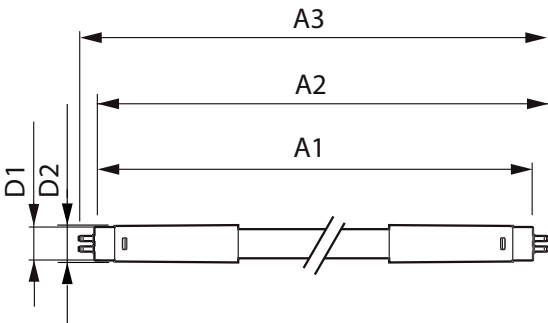
SAP numerator – quantity per pack 1

SAP numerator – packs per outer box 20

Material no. (12 NC) 929001381108

SAP net weight (piece) 0.162 kg

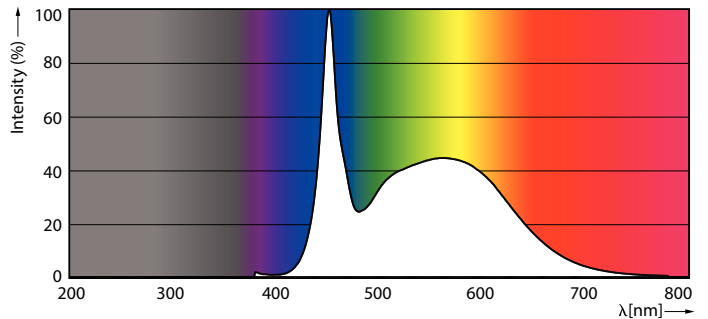
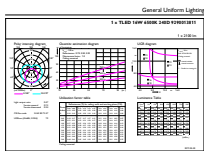
## Dimensional drawing



TLED 1200mm 100-240V 16-28W 6500K

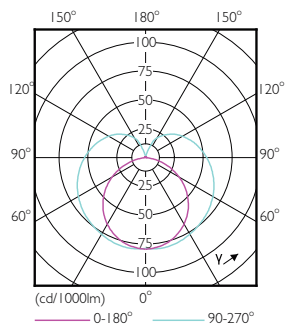
| Product                                | D1      | D2    | A1      | A2        | A3        |
|--|---------|-------|---------|-----------|-----------|
| CorePro LEDtube 1200mm 16W865 G5 I APR | 15.8 mm | 19 mm | 1149 mm | 1156.1 mm | 1163.2 mm |

## Photometric data



ESSENTIAL LEDtube 16W G5 865 APR

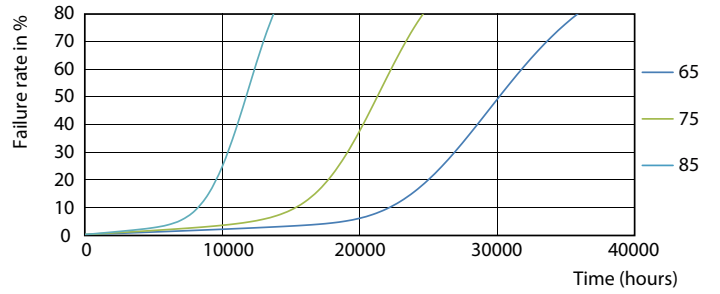
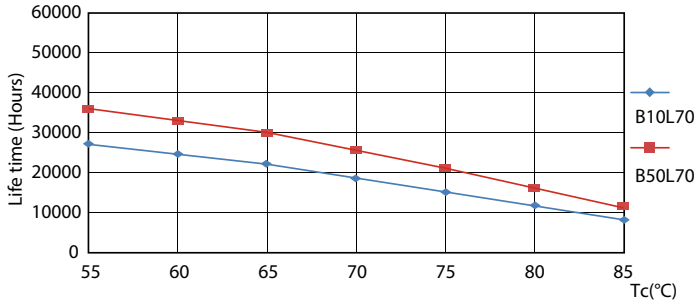
ESSENTIAL LEDtube 8W G5 865 APR



ESSENTIAL LEDtube 16W G5 840 APR

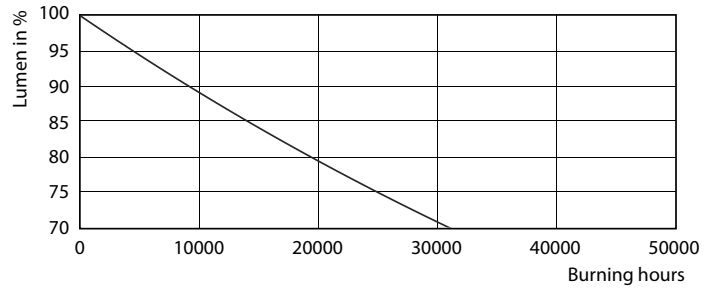
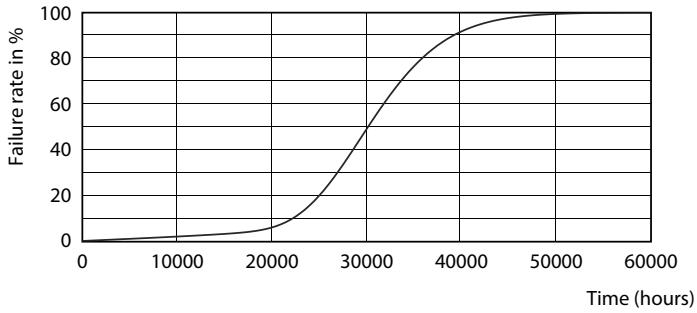
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## Lifetime



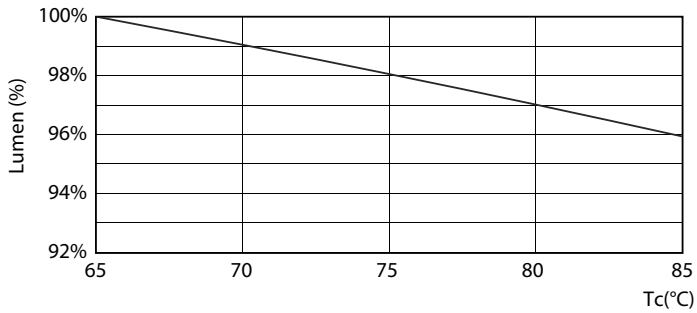
ESSENTIAL LEDtube 8-16W G5 830-865 APR

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