



# Essential LEDtube

## ESSENTIAL LEDtube 600mm 9W840 T8 AP I

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] |
| Nominal lifetime                      | 30,000 hour(s)                  |
| Switching Cycle                       | 50,000                          |
| Lighting Technology                   | LED                             |
| EU RoHS compliant                     | Yes                             |
| Light Technical                       |                                 |
| Color Code                            | 840 [CCT of 4000K]              |
| Beam Angle (Nom)                      | 150 degree(s)                   |
| Luminous Flux                         | 800 lm                          |
| Correlated Color Temperature (Nom)    | 4000 K                          |
| Color Consistency                     | <6                              |
| Color rendering index (CRI)           | 80                              |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                            |
| Operating and Electrical              |                                 |
| Line Frequency                        | 50 to 60 Hz                     |
| Input Frequency                       | 50 to 60 Hz                     |
| Power Consumption                     | 9 W                             |
| Starting Time (Nom)                   | 0.5 s                           |
| Warm-up time to 60% light             | Instant full light s            |
| Power Factor (Fraction)               | 0.9                             |

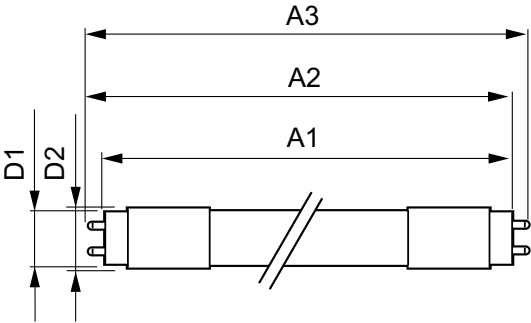
| Voltage (Nom)                 | 220-240 V  |
|-------------------------------|--|
| Temperature                   |  |
| Ambient temperature range     | -20 °C to 45 °C                                  |
| T-Case Maximum (Nom)          | 53 °C  |
| Controls and Dimming          |  |
| Dimmable                      | No   |
| Mechanical and Housing        |  |
| Product Length                | 600 mm   |
| Approval and Application      |  |
| Energy Saving Product         | Yes  |
| Suitable For Accent Lighting  | No   |
| Approval Marks                | CE marking RoHS compliance KEMA Keur certificate |
| Energy Consumption kWh/1000 h | 9 kWh  |
| Product Data                  |  |
| Order product name            | ESSENTIAL LEDtube 600mm 9W840 T8 AP I            |
| Full product name             | ESSENTIAL LEDtube 600mm 9W840 T8 AP I            |
| Full product code             | 871869642516900                                  |

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|                               |               |
|-------------------------------|---------------|
| Order code                    | 929001128008  |
| Material Nr. (12NC)           | 929001128008  |
| Numerator - Quantity Per Pack | 1             |
| EAN/UPC - Product/Case        | 8718696425169 |

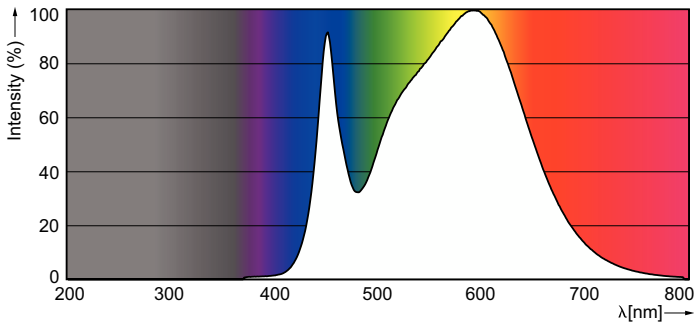
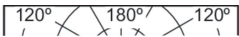
|                                 |               |
|---------------------------------|---------------|
| Numerator - Packs per outer box | 10            |
| EAN/UPC - Case                  | 8718696425176 |

Dimensional drawing



| Product                                  | D1       | D2    | A1       | A2       | A3       |
|--|----------|-------|----------|----------|----------|
| ESSENTIAL LEDtube 600mm<br>9W840 T8 AP I | 25.68 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |

Photometric data



Light Distribution Diagram - ESSENTIAL LEDtube 600mm 9W840 T8 AP I

Spectral Power Distribution Colour - ESSENTIAL LEDtube 600mm 9W840 T8 AP I

