PHILIPS

# **PHILIPS** Lighting

# Essential LED tubes T5 Mains

## CorePro LEDtube 600mm 8W865 G5 I MX

The Essential LEDtube T5 is an affordable LED solution suitable for replacing T5 fluorescent lamps. Thanks to a unique design, Philips Essential LED tube T5 Mains can be directly installed in luminaires operating on mains power connection. 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]            |  |  |  |
| Nominal lifetime                           | 30,000 hour(s)     |  |  |  |
| Switching Cycle                            | 50,000             |  |  |  |
| Lighting Technology                        | LED                |  |  |  |
| EU RoHS compliant                          | Yes                |  |  |  |
|  |                    |  |  |  |
| Light Technical                            |                    |  |  |  |
| Color Code                                 | 865 [CCT of 6500K] |  |  |  |
| Beam Angle (Nom)                           | 200 degree(s)      |  |  |  |
| Luminous Flux                              | 900 lm             |  |  |  |
| Color Designation                          | Cool Daylight      |  |  |  |
| Correlated Color Temperature (Nom)         | 6500 K             |  |  |  |
| Luminous Efficacy (rated) (Nom)            | 112.00 lm/W        |  |  |  |
| 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        |  |  |  |
|  |                    |  |  |  |

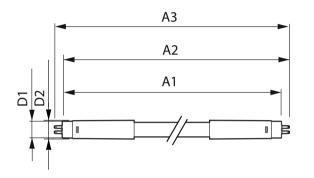
| Input Frequency           | 50 to 60 Hz     |  |  |  |  |
|---------------------------|-----------------|--|--|--|--|
| Power Consumption         | 8 W             |  |  |  |  |
| Lamp Current (Max)        | 75 mA           |  |  |  |  |
| Lamp Current (Min)        | 30 mA           |  |  |  |  |
| Starting Time (Nom)       | 0.5 s           |  |  |  |  |
| Warm-up time to 60% light | 0.5 s           |  |  |  |  |
| Power Factor (Fraction)   | 0.92            |  |  |  |  |
| Voltage (Nom)             | 100-240 V       |  |  |  |  |
|                           |                 |  |  |  |  |
| Temperature               |                 |  |  |  |  |
| Ambient temperature range | -20 °C to 45 °C |  |  |  |  |
| T-Case Maximum (Nom)      | 70 ℃            |  |  |  |  |
|                           |                 |  |  |  |  |
| Controls and Dimming      |                 |  |  |  |  |
| Dimmable                  | No              |  |  |  |  |
|                           |                 |  |  |  |  |
| Mechanical and Housing    |                 |  |  |  |  |
| Bulb Material             | Glass           |  |  |  |  |
| Product Length            | 600 mm          |  |  |  |  |
|                           |                 |  |  |  |  |

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| Bulb Shape                    | Т5                                   |  |  |  |  |
|-------------------------------|--------------------------------------|--|--|--|--|
|                               |                                      |  |  |  |  |
| Approval and Application      |                                      |  |  |  |  |
| Energy Saving Product         | Yes                                  |  |  |  |  |
| Approval Marks                | CE marking RoHS compliance KEMA Keur |  |  |  |  |
|                               | certificate                          |  |  |  |  |
| Energy Consumption kWh/1000 h | - kWh                                |  |  |  |  |
|                               |                                      |  |  |  |  |
| Product Data                  |                                      |  |  |  |  |
| Order product name            | CorePro LEDtube 600mm 8W865 G5 I MX  |  |  |  |  |

| Full product name               | CorePro LEDtube 600mm 8W865 G5 I MX |  |  |  |  |
|---------------------------------|-------------------------------------|--|--|--|--|
| Full product code               | 871869666758300                     |  |  |  |  |
| Order code                      | 929001275512                        |  |  |  |  |
| Material Nr. (12NC)             | 929001275512                        |  |  |  |  |
| Numerator - Quantity Per Pack   | 1                                   |  |  |  |  |
| EAN/UPC - Product/Case          | 8718696667583                       |  |  |  |  |
| Numerator - Packs per outer box | 20                                  |  |  |  |  |
| EAN/UPC - Case                  | 8718696667590                       |  |  |  |  |
|                                 |                                     |  |  |  |  |

#### **Dimensional drawing**



| Product                          | D1      | D2    | A1     | A2       | A3       |
|----------------------------------|---------|-------|--------|----------|----------|
| CorePro LEDtube 600mm 8W865 G5 I | 15.8 mm | 19 mm | 549 mm | 556.1 mm | 563.2 mm |
| MX                               |         |       |        |          |          |



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