PHILIPS

Lighting

# The new family in Corepro tiering but for different target customer

## Contractor Grade LED tube T8

Philips Contractor Grade LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pack back time. Not only does the range of LEDtubes require a low initial investment, but LED energy efficiency also delivers instant savings that you can bank on over a long and reliable lifetime. Plus, with the same lamp size and light distribution as fluorescent alternatives, you'll never know the difference. You don't need to pay attention to the driver technology anymore , Contractor Grade LEDtube intalls in luminaires operating on mains power connection. So simple to operate!

### Benefits

- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaire
- No mercury

### Features

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology
- Completely safe product and installation process

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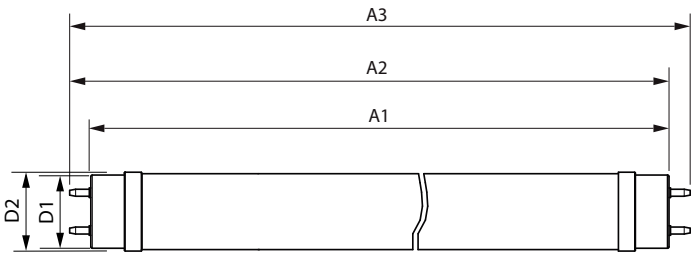
## Application

- Hospitality
- retail
- office
- industrial and home applications

## Versions

**CorePro LEDtube 1200mm T8C W G 20240726**

## Dimensional drawing




| D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|
| 25.6mm | 27.8mm | 1199.4mm | 1205.3mm | 1213.6mm |

| Product | D1 | D2 | A1 | A2 | A3 |
|---|---|---|---|---|---|
| COR CNG LEDtube 1200mm 16W 840 T8 I | 25.6 mm | 27.8 mm | 1,199.4 mm | 1,205.3 mm | 1,213.6 mm |
| COR CNG LEDtube 1200mm 16W 865 T8 I | 25.6 mm | 27.8 mm | 1,199.4 mm | 1,205.3 mm | 1,213.6 mm |
| COR CNG LEDtube HO 1200mm 18W 840 T8 I | 25.6 mm | 27.8 mm | 1,199.4 mm | 1,205.3 mm | 1,213.6 mm |
| COR CNG LEDtube HO 1200mm 18W 865 T8 I | 25.6 mm | 27.8 mm | 1,199.4 mm | 1,205.3 mm | 1,213.6 mm |

# Contractor Grade LED tube T8

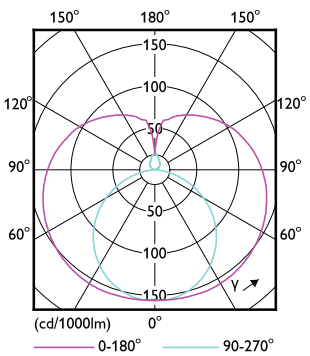
| General Information | |
|---|---|
| **Cap-Base** | G13 |
| **Switching Cycle** | 50,000 |
| **Nominal lifetime** | 30,000 hour(s) |
| **Light Technical** | |
| **Beam Angle (Nom)** | 240 degree(s) |
| **Color rendering index (CRI)** | 80 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 0.7 % |
| **Operating and Electrical** | |
| **Input Frequency** | 50 to 60 Hz |
| **Starting Time (Nom)** | 0.5 s |
| **Wattage Equivalent** | 36 W |
| **Temperature** | |
| **T-Case Maximum (Nom)** | 65 °C |
| **Controls and Dimming** | |
| **Dimmable** | No |
| **Mechanical and Housing** | |
| **Bulb Shape** | T8 |
| **Approval and Application** | |
| **Ambient temperature range** | -20 to +45 °C |

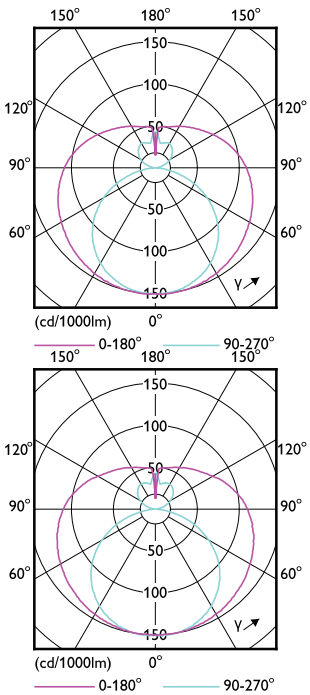
## Light Technical

| Order Code | Full Product Name | Correlated Color Temperature (Nom) | Color Code | Luminous Flux |
|---|---|---|---|---|
| 929001999808 | COR CNG LEDtube 1200mm 16W 840 T8 I | 4000 K | 840 | 1,800 lm |
| 929001999908 | COR CNG LEDtube 1200mm 16W 865 T8 I | 6500 K | 865 | 1,800 lm |
| 929002000008 | COR CNG LEDtube HO 1200mm 18W 840 T8 I | 4000 K | 840 | 2,100 lm |
| 929002000108 | COR CNG LEDtube HO 1200mm 18W 865 T8 I | 6500 K | 865 | 2,100 lm |

## Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 929001999808 | COR CNG LEDtube 1200mm 16W 840 T8 I | 16 W |
| 929001999908 | COR CNG LEDtube 1200mm 16W 865 T8 I | 16 W |
| 929002000008 | COR CNG LEDtube HO 1200mm 18W 840 T8 I | 18 W |
| 929002000108 | COR CNG LEDtube HO 1200mm 18W 865 T8 I | 18 W |



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