



# New generation of specialty LEDtube

## Specialty LEDtube

Philips specialty LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for relamping to serve multi-purpose usage: it meets general lighting requirements, offers significant energy savings, and special function such as Visible Light Communication.

### Benefits

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

### Features

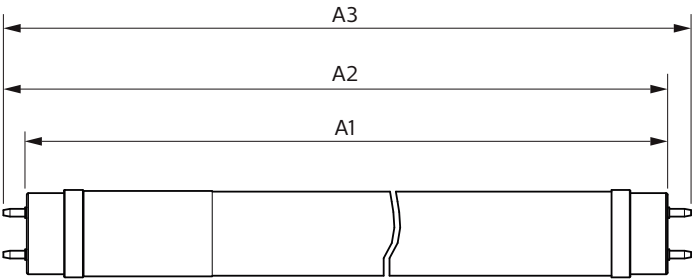
- Reduced operational cost thanks to lower energy consumption
- Fastest and easiest way to upgrade existing luminaires to LED technology, completely safe product and installation process
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps

### Application

- Hospitality, retail, office, industrial applications

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## Dimensional drawing



| Product                               | D1      | D2    | A1       | A2       | A3       |
|---------------------------------------|---------|-------|----------|----------|----------|
| Ledtube SW DE HO 1200mm 20w 12000k T8 | 25.7 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |
| Ledtube SW DE HO 600mm 8w 12000k T8   | 25.7 mm | 28 mm | 588.5 mm | 595.5 mm | 602.5 mm |

| General Information                   |                |
|---------------------------------------|----------------|
| Cap-Base                              | G13            |
| Switching Cycle                       | 50,000         |
| Nominal lifetime                      | 15,000 hour(s) |
| Light Technical                       |                |
| Beam Angle (Nom)                      | 240 degree(s)  |
| Correlated Color Temperature (Nom)    | 12000 K        |
| Color rendering index (CRI)           | 70             |
| Color Code                            | 7120           |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %           |
| Operating and Electrical              |                |
| Input Frequency                       | 50 to 60 Hz    |
| Starting Time (Nom)                   | 0.5 s          |
| Controls and Dimming                  |                |
| Dimmable                              | No             |
| Mechanical and Housing                |                |
| Bulb Finish                           | Frosted        |
| Bulb Shape                            | T8             |
| Approval and Application              |                |
| Ambient temperature range             | -20 to +45 °C  |

## Light Technical

| Order Code   | Full Product Name                     | Luminous Flux |
|--------------|---------------------------------------|---------------|
| 929004578638 | Ledtube SW DE HO 1200mm 20w 12000k T8 | 2,200 lm      |
| 929004578738 | Ledtube SW DE HO 600mm 8w 12000k T8   | 880 lm        |

## Operating and Electrical

| Order Code   | Full Product Name                     | Power Consumption | Wattage Equivalent |
|--------------|---------------------------------------|-------------------|--------------------|
| 929004578638 | Ledtube SW DE HO 1200mm 20w 12000k T8 | 20 W              | 36 W               |

| Order Code   | Full Product Name                   | Power Consumption | Wattage Equivalent |
|--------------|-------------------------------------|-------------------|--------------------|
| 929004578738 | Ledtube SW DE HO 600mm 8w 12000k T8 | 8 W               | 18 W               |

## Temperature

| Order Code   | Full Product Name                     | T-Case Maximum (Nom) |
|--------------|---------------------------------------|----------------------|
| 929004578638 | Ledtube SW DE HO 1200mm 20w 12000k T8 | 60 °C                |

| Order Code   | Full Product Name                   | T-Case Maximum (Nom) |
|--------------|-------------------------------------|----------------------|
| 929004578738 | Ledtube SW DE HO 600mm 8w 12000k T8 | 50 °C                |

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