



# 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

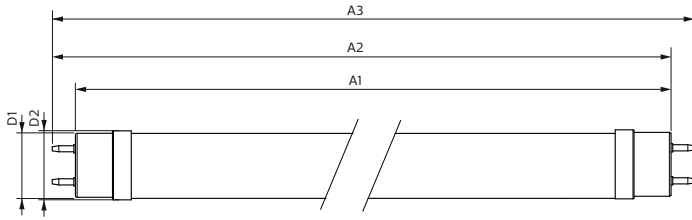
- Reduced operational cost thanks to lower energy consumption
- Fastest and easiest way to upgrade existing luminaires to LED technology, completely safe product and installation process
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps

### Application

- Hospitality, retail, office, industrial applications

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## Dimensional drawing



Product	D1	D2	A1	A2	A3
Sensor LEDtube 1200mm 16W 840 T8	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Sensor LEDtube 1200mm 16W 865 T8	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

### 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)	70 %
Luminous Flux	1,800 lumen

### Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	16 W
Starting Time (Nom)	0.5 s

### Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C

### Controls and Dimming

Dimmable	Only with specific dimmers
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### Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	Tube, double-ended

### Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code
94465900	Sensor LEDtube 1200mm 16W 840 T8	4000 K	840
94467300	Sensor LEDtube 1200mm 16W 865 T8	6500 K	865

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