



New generation of specialty LEDtube

Specialty LED tube

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

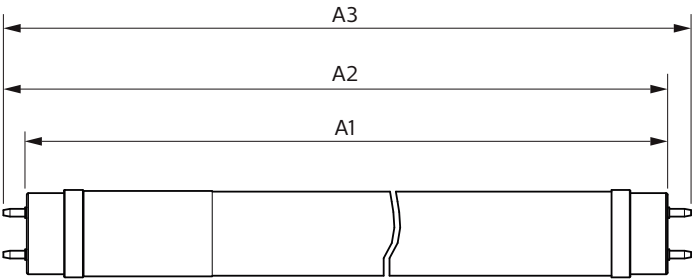
- Reduced operational cost thanks to lower energy consumption
- Fastest and easiest way to upgrade existing luminaires to LED technology, completely safe product and installation process
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps

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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