PHILIPS Lighting



The new family in Corepro tiering but for different target customer

Contractor Grade LEDtube 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
- \cdot Easy installation
- \cdot Conventional form factor to fit into existing luminaire
- \cdot No mercury

Features

- \cdot 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

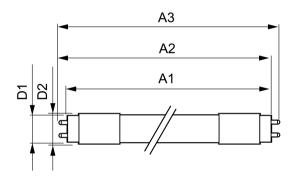
- Hospitality
- \cdot retail
- \cdot office
- \cdot industrial and home applications

Versions



CorePro LEDtube 1200mm T8C W G 20240726

Dimensional drawing



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

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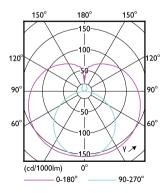
General Information	
Cap-Base	G13
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime	0.7 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Wattage 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

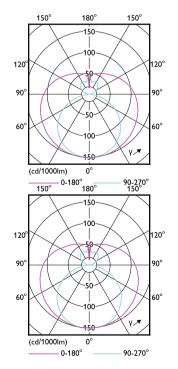
Light Technical

		Correlated Color	Color	
Order Code	Full Product Name	Temperature (Nom)	Code	Luminous Flux
03542400	COR CNG LEDtube 1200mm 16W 840 T8 I	4000 K	840	1,800 lm
03544800	COR CNG LEDtube 1200mm 16W 865 T8 I	6500 K	865	1,800 lm
03546200	COR CNG LEDtube HO 1200mm 18W 840	4000 K	840	2,100 lm
	Т8І			
03548600	COR CNG LEDtube HO 1200mm 18W 865	6500 K	865	2,100 lm
	Т8І			

Operating and Electrical

Order Code	Full Product Name	Power Consumption
03542400	COR CNG LEDtube 1200mm 16W 840 T8 I	16 W
03544800	COR CNG LEDtube 1200mm 16W 865 T8 I	16 W
03546200	COR CNG LEDtube HO 1200mm 18W 840 T8 I	18 W
03548600	COR CNG LEDtube HO 1200mm 18W 865 T8 I	18 W





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www.lighting.philips.com 2025, April 7 - data subject to change