

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
- · Easy installation
- · Conventional form factor to fit into existing luminaire
- · No mercury

Features

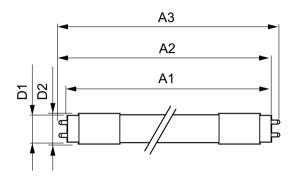
- $\boldsymbol{\cdot}$ Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- · Fastest and easiest way to upgrade existing luminaires to LED technology
- · Completely safe product and installation process

Contractor Grade LEDtube T8

Application

- Hospitality
- retail
- $\cdot \ \text{office}$
- · industrial and home applications

Dimensional drawing



Product	D1	D2	A1	A2	А3
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					

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

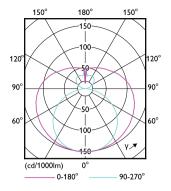
Light Technical

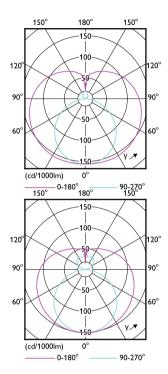
		Correlated Color	Color	
Order Code	Full Product Name	Temperature (Nom)	Code	Luminous Flux
929001999808	COR CNG LEDtube 1200mm 16W 840 T8 I	4000 K	840	1,800 lm
929001999908	COR CNG LEDtube 1200mm 16W 865 T8	6500 K	865	1,800 lm
929002000008	COR CNG LEDtube HO 1200mm 18W 840 T8 I	4000 K	840	2,100 lm
929002000108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

Operating and Electrical

Contractor Grade LEDtube T8

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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