

# 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**

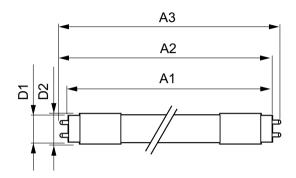
- · Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- · Fastest and easiest way to upgrade existing luminaires to LED technology
- · Completely safe product and installation process

# **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 840 T8 IDO					
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 1200mm	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
16W 865 T8 IDO					
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 840 T8 IDO					
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					
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 IDO					

# **Contractor Grade LEDtube T8**

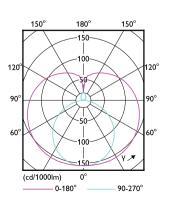
General Information  Cap-Base G13  Switching Cycle 50,000  Nominal lifetime 30,000 hour(s)  Light Technical  Beam Angle (Nom) 240 degree(s)  Color rendering index (CRI) 80  LLMF At End Of Nominal Lifetime (Nom)  Operating and Electrical  Input Frequency 50 to 60 Hz  Starting Time (Nom) 0.5 s  Wattage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

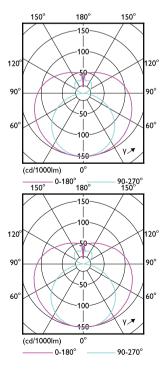
## Light Technical

		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
929001999839	COR CNG LEDtube 1200mm 16W 840 T8	4000 K	840	1,600 lm
	IDO			
929001999908	COR CNG LEDtube 1200mm 16W 865 T8 I	6500 K	865	1,800 lm
929001999939	COR CNG LEDtube 1200mm 16W 865 T8	6500 K	865	1,600 lm
	IDO			
929002000008	COR CNG LEDtube HO 1200mm 18W 840	4000 K	840	2,100 lm
	T8 I			
929002000039	COR CNG LEDtube HO 1200mm 18W 840	4000 K	840	1,900 lm
	T8 IDO			
929002000108	COR CNG LEDtube HO 1200mm 18W 865	6500 K	865	2,100 lm
	T8 I			
929002000139	COR CNG LEDtube HO 1200mm 18W 865	6500 K	865	1,900 lm
	T8 IDO			

# Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001999808	COR CNG LEDtube 1200mm 16W 840 T8 I	16 W
929001999839	COR CNG LEDtube 1200mm 16W 840 T8 IDO	16 W
929001999908	COR CNG LEDtube 1200mm 16W 865 T8 I	16 W
929001999939	COR CNG LEDtube 1200mm 16W 865 T8 IDO	16 W
929002000008	COR CNG LEDtube HO 1200mm 18W 840 T8 I	18 W
929002000039	COR CNG LEDtube HO 1200mm 18W 840 T8	18 W
	IDO	
929002000108	COR CNG LEDtube HO 1200mm 18W 865 T8 I	18 W
929002000139	COR CNG LEDtube HO 1200mm 18W 865 T8	18 W
	IDO	





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