



The new family in Corepro tiering but for different target customer

Contractor Grade LED tube 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 installs 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

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Application

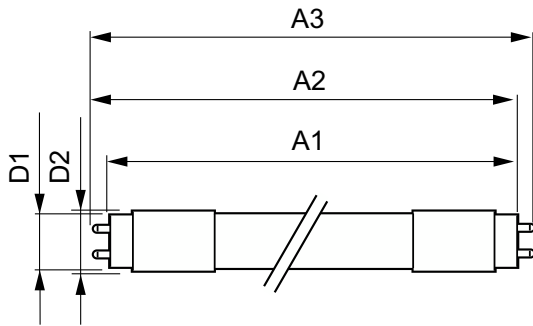
- Hospitality
- retail
- office
- industrial and home applications

Versions



CorePro LEDtube 1200mm T8C W
G 20240726

Dimensional drawing



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

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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 (Nom)	0.7 %

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
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	T8
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Approval and Application

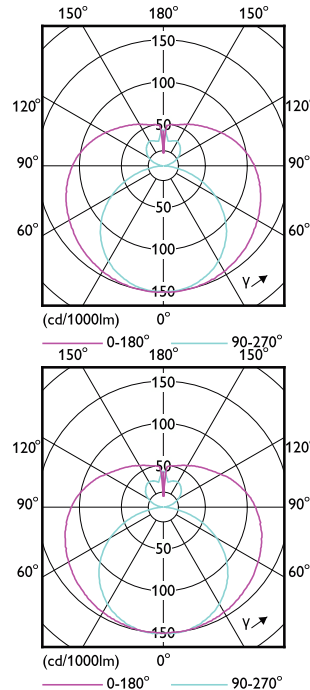
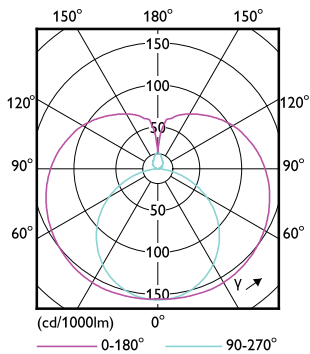
Ambient temperature range	-20 to +45 °C
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Light Technical

Order Code	Full Product Name	Correlated Color	Color	
		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 T8 I	4000 K	840	2,100 lm
03548600	COR CNG LEDtube HO 1200mm 18W 865 T8 I	6500 K	865	2,100 lm

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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