



# 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 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

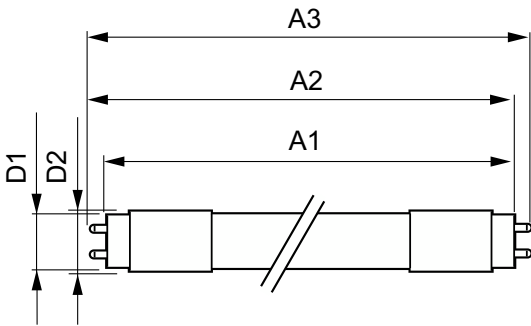
- Hospitality
- retail
- office
- industrial and home applications

## 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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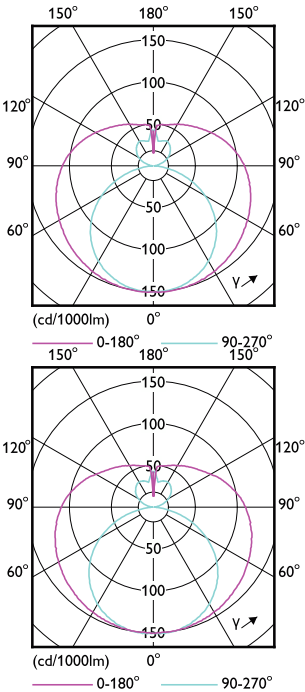
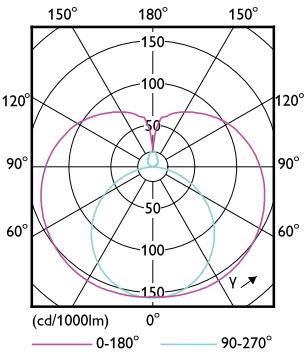
General Information	
Cap-Base	G13
Switching Cycle	50,000
Nominal lifetime	30,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Wattage Equivalent	36 W
Temperature	
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 to +45 °C

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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