



# The affordable way to install or replace T8 DE LEDtubes

## Corepro LED tube DE Mains T8

Philips CorePro DE LEDtubes are the quick and easy way to replace T8 fluorescent or other LED double-ended tubes with a fast pay back time. Not only does the Core 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.

### Benefits

- Optimized energy savings – about 50% more than fluorescent alternatives
- Fit for the double-sided current input fixture
- Trusted performance

### Features

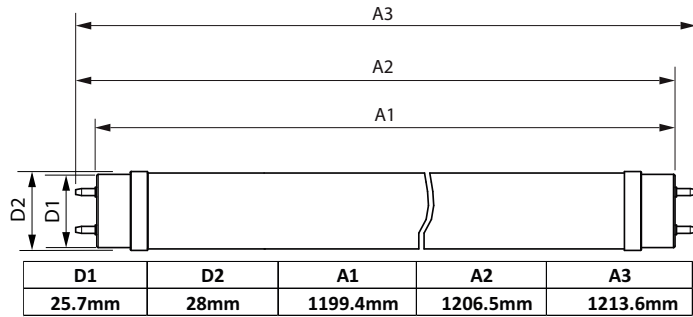
- The lamp can operate as double-ended mains power input
- CRI80 for good color rendering
- > 50% energy savings compared to fluorescent tubes
- 50,000 hours lifetime

### Application

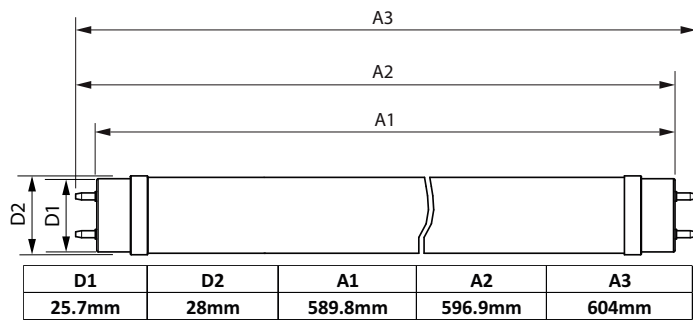
- Hospitality, retail, office, industrial and home applications

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## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorPro LEDtube DE HO 1200mm 18W 840 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
CorPro LEDtube DE HO 1200mm 18W 865 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm



Product	D1	D2	A1	A2	A3
CorPro LEDtube DE HO 600mm 8W 840 T8	25.7 mm	28 mm	589.8 mm	596.9 mm	604 mm
CorPro LEDtube DE HO 600mm 8W 865 T8	25.7 mm	28 mm	589.8 mm	596.9 mm	604 mm

### General Information

Cap-Base	G13
Switching Cycle	200,000
Nominal lifetime	50,000 hour(s)

### Light Technical

Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

### Operating and Electrical

Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T8

### Approval and Application

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

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929004434308	CorPro LEDtube DE HO 600mm 8W 840 T8	4000 K	840	900 lm
929004434408	CorPro LEDtube DE HO 600mm 8W 865 T8	6500 K	865	900 lm
929004434708	CorPro LEDtube DE HO 1200mm 18W 840 T8	4000 K	840	2,150 lm
929004434808	CorPro LEDtube DE HO 1200mm 18W 865 T8	6500 K	865	2,150 lm

## Operating and Electrical

# Corepro LED tube DE Mains T8

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
929004434308	CorPro LEDtube DE HO 600mm 8W 840 T8	8 W	18 W
929004434408	CorPro LEDtube DE HO 600mm 8W 865 T8	8 W	18 W

Order Code	Full Product Name	Power	Wattage
		Consumption	Equivalent
929004434708	CorPro LEDtube DE HO 1200mm 18W 840 T8	18 W	36 W
929004434808	CorPro LEDtube DE HO 1200mm 18W 865 T8	18 W	36 W

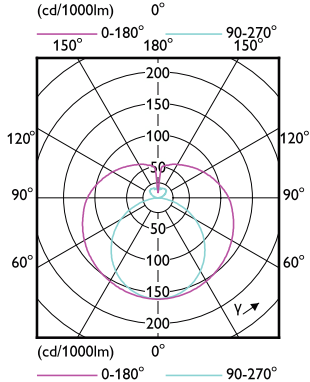
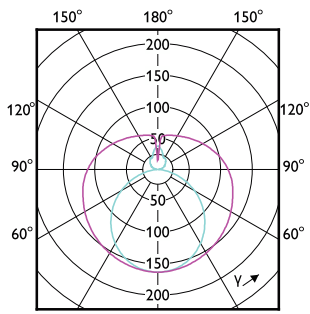
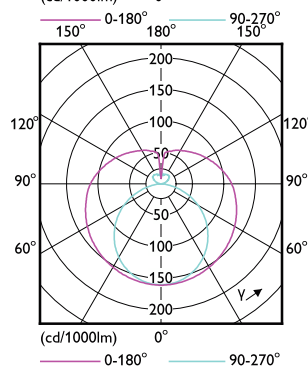
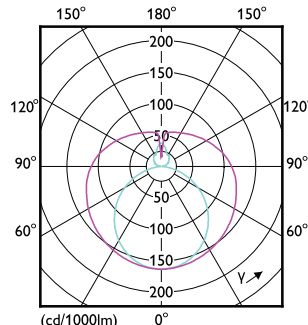
## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929004434308	CorPro LEDtube DE HO 600mm 8W 840 T8	60 °C
929004434408	CorPro LEDtube DE HO 600mm 8W 865 T8	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929004434708	CorPro LEDtube DE HO 1200mm 18W 840 T8	65 °C
929004434808	CorPro LEDtube DE HO 1200mm 18W 865 T8	65 °C

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929004434308	CorPro LEDtube DE HO 600mm 8W 840 T8	8 kWh
929004434408	CorPro LEDtube DE HO 600mm 8W 865 T8	8 kWh
929004434708	CorPro LEDtube DE HO 1200mm 18W 840 T8	18 kWh
929004434808	CorPro LEDtube DE HO 1200mm 18W 865 T8	18 kWh



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