

# Contractor Grade LED tube T8

## COR CNG LEDtube 1500mm 19W 865 T8 I

LEDtube, T8, Single-ended, 1500 mm, 127-240 V, 19 W, 58W TL-D, 6500 K, 2200 lm, CRI 82, 30000 hour(s)

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!

### Product data

General Information	
Cap-Base	G13
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,200 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	115 lm/W

Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

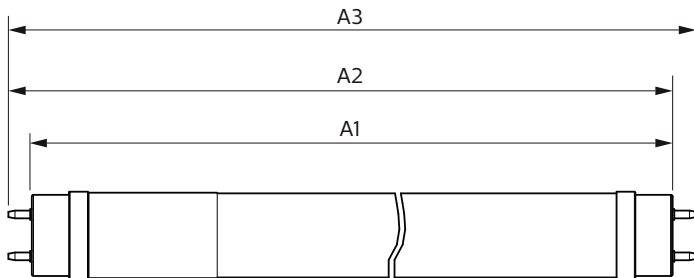
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	19 W
Lamp Current (Nom)	181.97 mA
Wattage Equivalent	58 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	127-240 V

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LED alternative to fluorescent lamp power	58W TL-D
<b>Temperature</b>	
T-Case Maximum (Nom)	90 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	T8
Net Weight (Piece)	0.215 kg
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	19 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

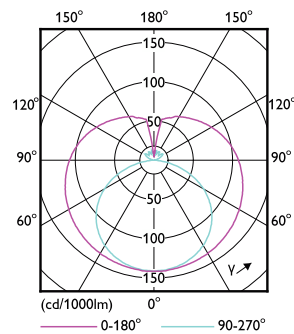
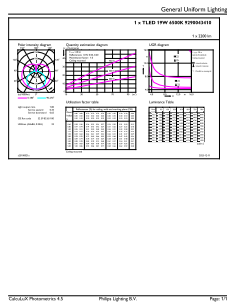
Post-consumer recycled plastic material ratio	0 %
<b>Application Conditions</b>	
Wireless Technology	Not applicable
<b>Sustainability Data</b>	
Product non-virgin material ratio	0 %
<b>Product Data</b>	
Order product name	COR CNG LEDtube 1500mm 19W 865 T8 I
Full product name	COR CNG LEDtube 1500mm 19W 865 T8 I
Full product code	87211031313300
Order code	929004341008
Material Nr. (12NC)	929004341008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103131133
Numerator - Packs per outer box	25
EAN/UPC - Case	8721103131140

## Dimensional drawing



Product	D1	D2	A1	A2	A3
COR CNG LEDtube 1500mm 19W 865 T8 I	25.7 mm	27.9 mm	1,499.9 mm	1,507 mm	1,514.1 mm

## Photometric data

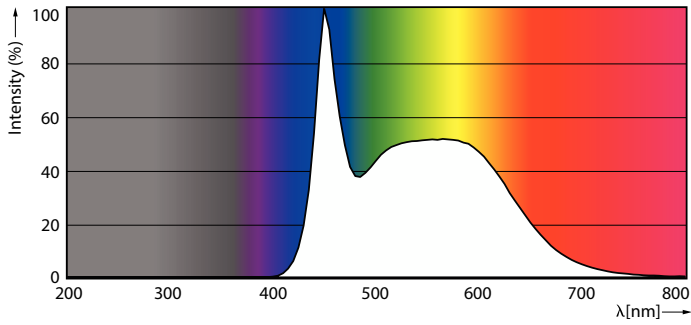


General uniform lighting - COR CNG LEDtube 1500mm 19W 865 T8 I

Light Distribution Diagram - COR CNG LEDtube 1500mm 19W 865 T8 I

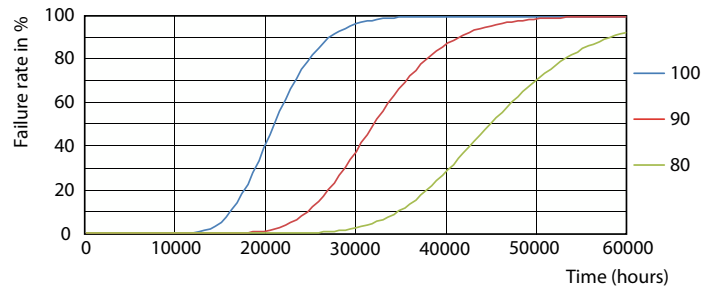
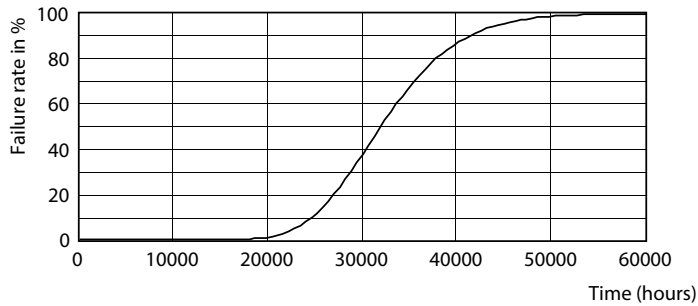
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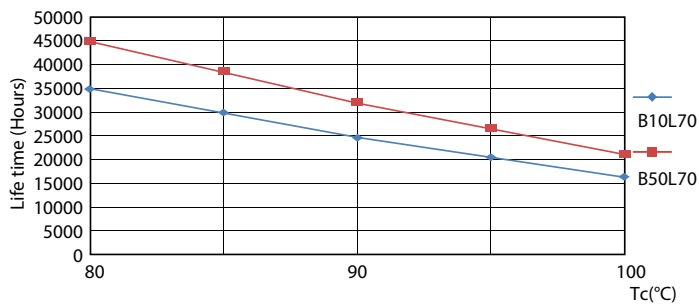


Spectral Power Distribution Colour - COR CNG LEDtube 1500mm 19W 865 T8 I

## Lifetime

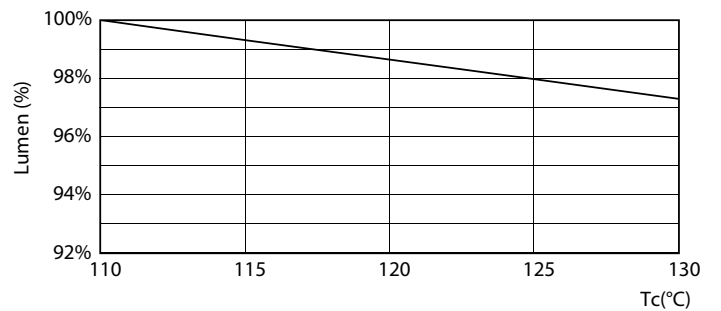


Life Expectancy Diagram



Life Expectancy Diagram

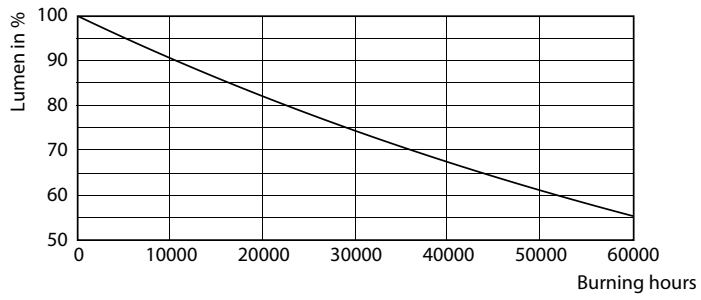
Life Expectancy Diagram



Lumen Maintenance Diagram - COR CNG LEDtube 1500mm 19W 865 T8 I

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### Lifetime



Lumen Maintenance Diagram - COR CNG LEDtube 1500mm 19W 865 T8 I

