



# Contractor Grade LED tube T8

## COR CNG LEDtube HO 1200mm 18W 840 T8 I

CorePro, LEDtube, T8, Mains, Single-end, 1200 mm, 100-240 V, 18 W, 32-36W TL-D, 4000 K, 2100 lm, 30000 hour(s)

CorePro, LEDtube, T8, Mains, Single-end, 1200 mm, 100-240 V, 18 W, LED alternative to 32-36W TL-D, 4000 K, 2100 lm, 30000 hour(s), 116 lm/W, G13, Beam angle 240 degree(s), RGO

### Product data

General Information		Operating and Electrical	
Cap-Base	G13	Input Frequency	50 to 60 Hz
Nominal lifetime	30,000 hour(s)	Power Consumption	18 W
Switching Cycle	50,000	Lamp Current (Nom)	134.72 mA
Lighting Technology	LEDtube	Wattage Equivalent	36 W
<b>Light Technical</b>		Starting Time (Nom)	0.5 s
Color Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	240 degree(s)	Power Factor (Fraction)	0.92
Luminous Flux	2,100 lm	Voltage (Nom)	100-240 V
Color Designation	Cool White (CW)	LED alternative to fluorescent lamp power	32-36W TL-D
Correlated Color Temperature (Nom)	4000 K	Ballast Compatibility	Mains
Luminous Efficacy (rated) (Nom)	116 lm/W	<b>Temperature</b>	
Color Consistency	<6	T-Case Maximum (Nom)	65 °C
Color rendering index (CRI)	80	<b>Controls and Dimming</b>	
LLMF At End Of Nominal Lifetime (Nom)	0.7 %	Dimmable	No
Photobiological safety according to EN 62471	RGO		

# Contractor Grade LED tube T8

## Mechanical and Housing

Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.220 kg

## Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

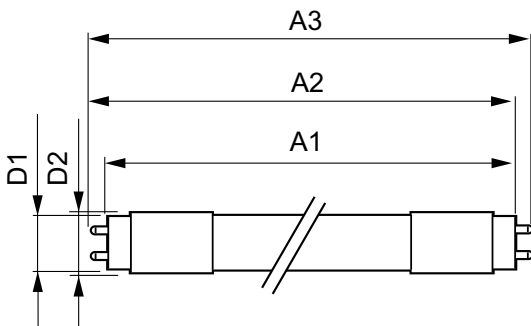
## Application Conditions

Wireless Technology	Not applicable
---------------------	----------------

## Product Data

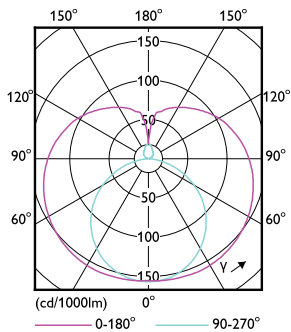
Order product name	COR CNG LEDtube HO 1200mm 18W 840 T8 I
Full product name	COR CNG LEDtube HO 1200mm 18W 840 T8 I
Full product code	872110303546200
Order code	03546200
Material Nr. (12NC)	929002000008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103035462
Numerator - Packs per outer box	25
EAN/UPC - Case	8721103035479

## Dimensional drawing

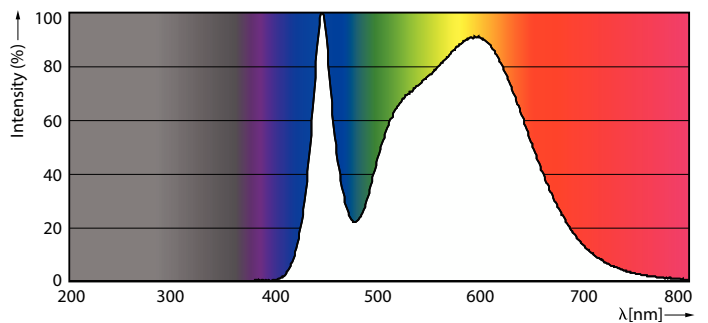


Product	D1	D2	A1	A2	A3
COR CNG LEDtube HO 1200mm 18W 840 T8 I	25.6 mm	27.8 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm

## Photometric data



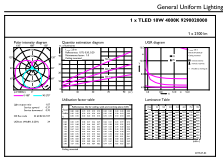
Light Distribution Diagram - COR CNG LEDtube HO 1200mm 18W 840 T8 I



Spectral Power Distribution Colour - COR CNG LEDtube HO 1200mm 18W 840 T8 I

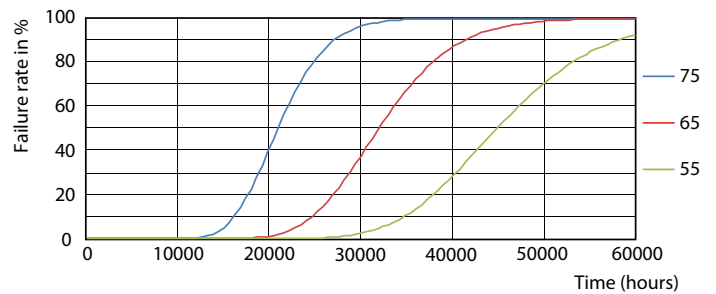
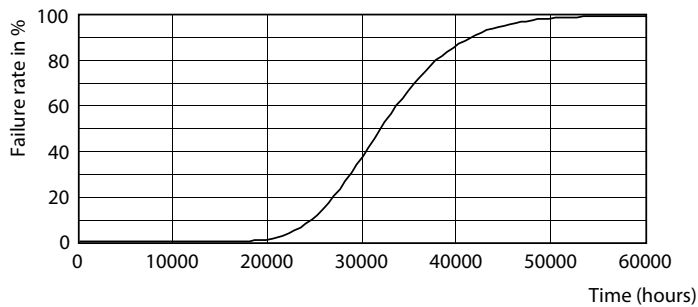
# Contractor Grade LED tube T8

## Photometric data

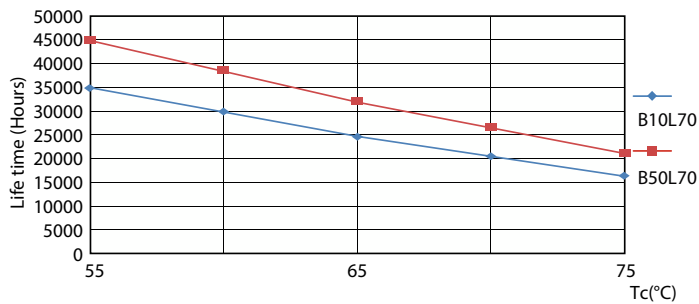


General uniform lighting - COR CNG LEDtube HO 1200mm 18W 840 T8 I

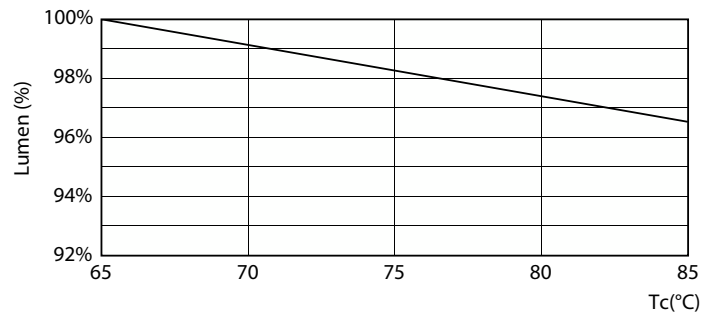
## Lifetime



Life Expectancy Diagram



FailureRate

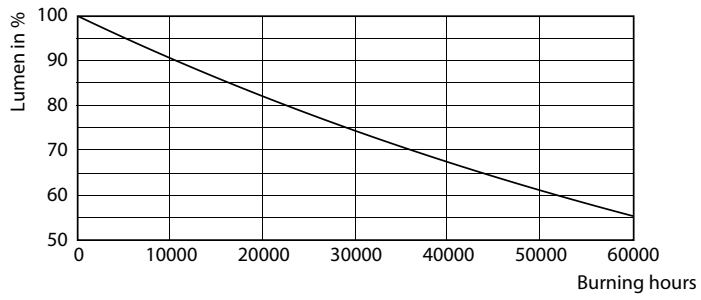


LifetimeVsTc

Lumen Maintenance Diagram - COR CNG LEDtube HO 1200mm 18W 840 T8 I

## Contractor Grade LED tube T8

### Lifetime



Lumen Maintenance Diagram - COR CNG LEDtube HO 1200mm 18W 840 T8

I

