

CorePro LEDtube EM/ Mains T8

CorePro LEDtube 600mm 9W 840 T8 C W G

Philips CorePro LEDtubes are the quick and easy way to replace T8 fluorescent or other LED 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. There are two ways to install these LED tubes: Rewire your existing fluorescent-based luminaires so the CorePro LEDtubes work directly on the Mains. Or simply change the fluorescent starter to an LED starter that can be used with your Electromagnetic ballasts.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

Product data

General information		Luminous Flux (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		900 lm
EU RoHS compliant	Yes	Color Designation	Cool White (CW)
Nominal Lifetime (Nom)	25000 h	Correlated Color Temperature (Nom)	4000 K
Switching Cycle	50000X	Luminous Efficacy (rated) (Nom)	100.00 lm/W
Technical Type	9-16-18W	Color Consistency	<6
		Color Rendering Index (Nom)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light technical		Operating and electrical	
Color Code	840 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 °		

CorePro LEDtube EM/Mains T8

Power (Nom)	9 W
Lamp Current (Max)	80 mA
Lamp Current (Min)	50 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.92
Voltage (Nom)	100-240 V

Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	65 °C

Controls and dimming

Dimmable	No
----------	----

Mechanical and housing

Product Length	600 mm
----------------	--------

Bulb Shape	Tube, single-ended
------------	--------------------

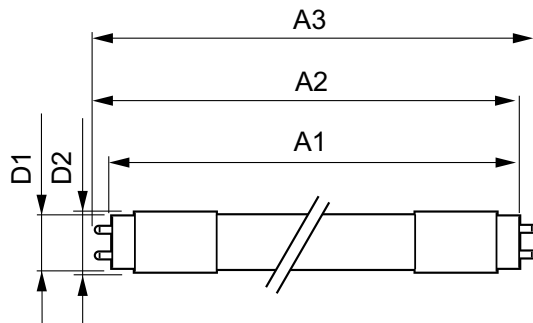
Approval and application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	9 kWh

Product data

Full product code	871869963751400
Order product name	CorePro LEDtube 600mm 9W 840 T8 C W G
EAN/UPC - Product	8718699637514
Order code	929002000472
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002000472
Net Weight (Piece)	0.160 kg

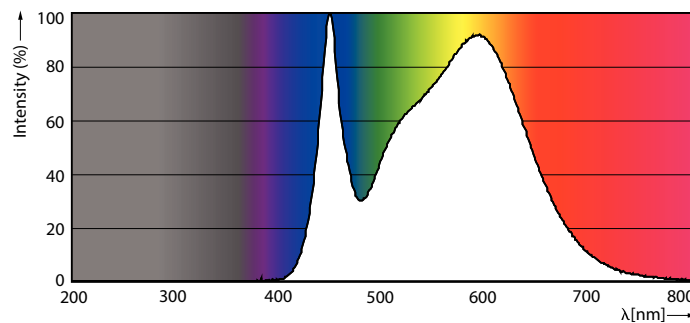
Dimensional drawing



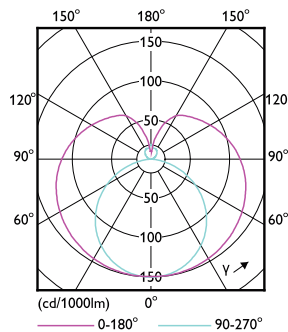
CorePro LEDtube 600mm 9W 840 T8 C W G

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 9W 840 T8 C W G	25.6 mm	27.8 mm	589.8 mm	595.7 mm	604 mm

Photometric data



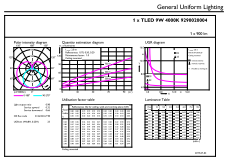
LEDtube 9W G13 840



LEDtube 9W G13 900lm

CorePro LEDtube EM/Mains T8

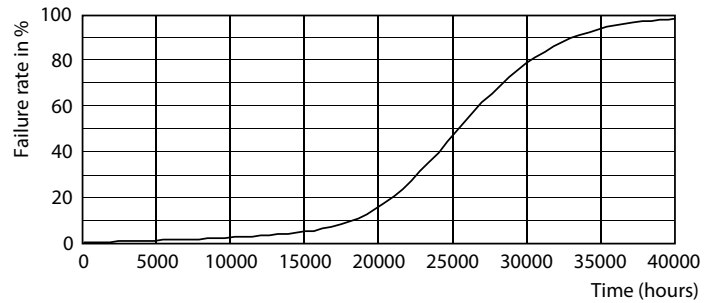
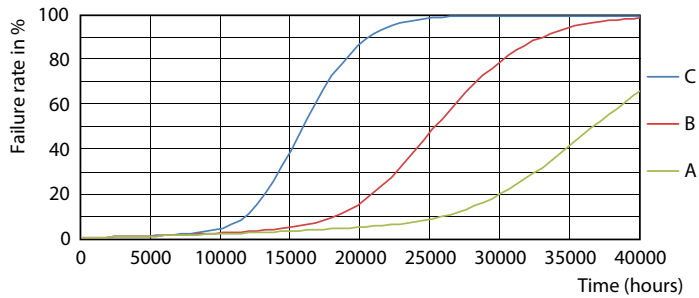
Photometric data



© 2022 Philips Lighting B.V. Page 11 of 12

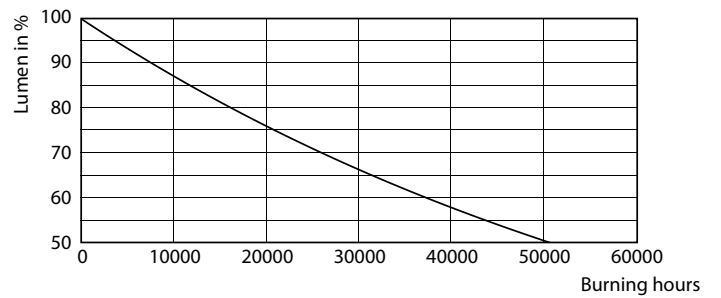
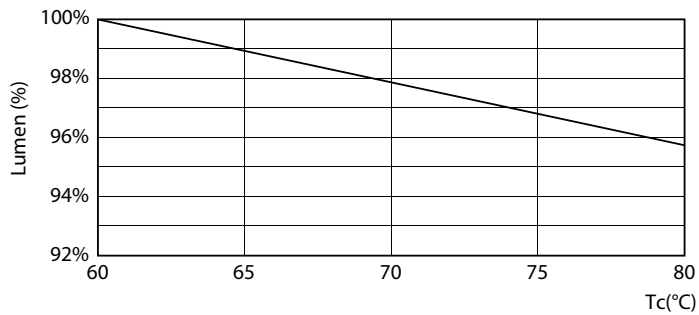
LEDtube 9W G13 900lm 840

Lifetime



LEDtube 25K FailureRate

LEDtube 25K

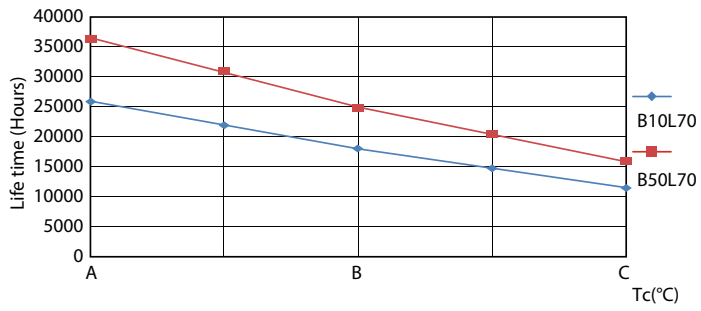


LEDtube 25K 1 LumenVsTc

LEDtube 25K

CorePro LEDtube EM/Mains T8

Lifetime



LEDtube 25K LifetimeVsTc

