PHILIPS

Lighting



CorePro LEDtube EM/Mains T8

CorePro LEDtube 600mm 8W865 C G

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	200000X
B50L70	30000 h

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	800 lm
Luminous Flux (Rated) (Nom)	800 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	6500 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp Current (Nom)	74 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 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)	56 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	600 mm

Approval and Application	
Energy Saving Product	Yes

CorePro LEDtube EM/Mains T8

Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

EAN/UPC - Product	8718696492796
Order code	929001173302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001173302
Net Weight (Piece)	0.120 kg

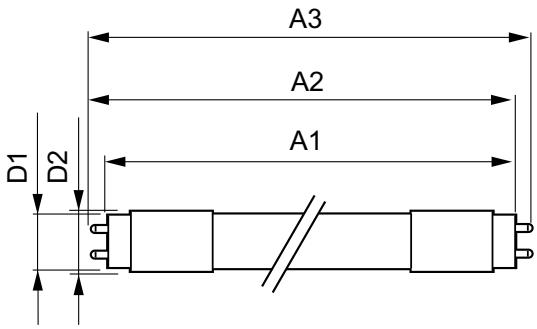
Product Data

Full product code	871869649279600
Order product name	CorePro LEDtube 600mm 8W865 C G

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

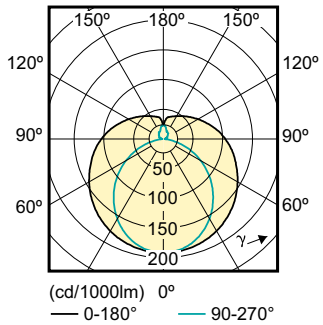
Dimensional drawing



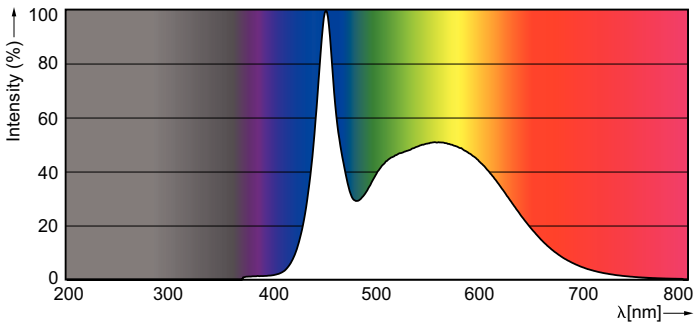
LEDtube 600mm 8W/865 C G

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W865 C G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



LEDtube 600mm 8W, 1200mm 16W T8 C G



LEDtube 600mm 8W /865, 1200mm 16W /865



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www.lighting.philips.com
2018, May 18 - data subject to change