CorePro LEDtube EM/Mains T8

CorePro LEDtube 1200mm 14.5W865

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.

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.

Product data

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	200000X

Light Technical

Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1600 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	110.00 lm/W
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 (Nom)	14.5 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 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)	40 °C

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Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Material	Glass
Product Length	1200 mm

Approval and Application

Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	15 kWh

Product Data

Full product code	871869671109500
Order product name	CorePro LEDtube 1200mm 14.5W865
EAN/UPC – Product	8718696711095
Order code	929001338902
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material Nr. (12NC)	929001338902
Net Weight (Piece)	0.215 kg

Dimensional drawing

A3

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 14.5W865	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

TLED 4ft 14.5-36W 1600lm 6500K G13 Ess
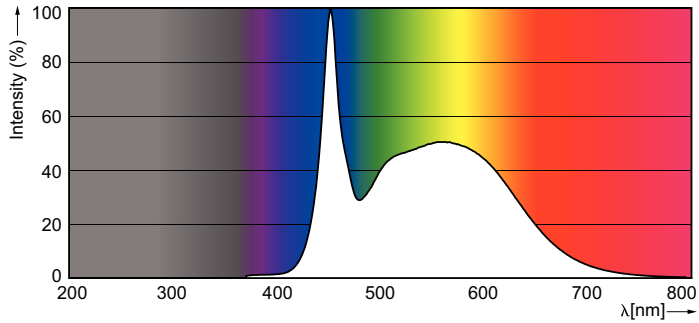
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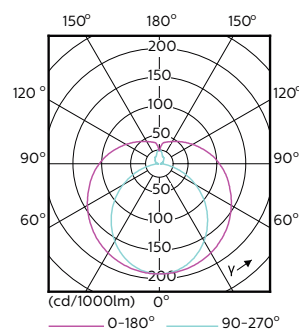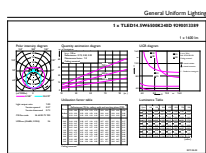
LEDtube 1200mm 15W G13 865 1600lm

LEDtube 1500mm 20W G13 840 2200lm
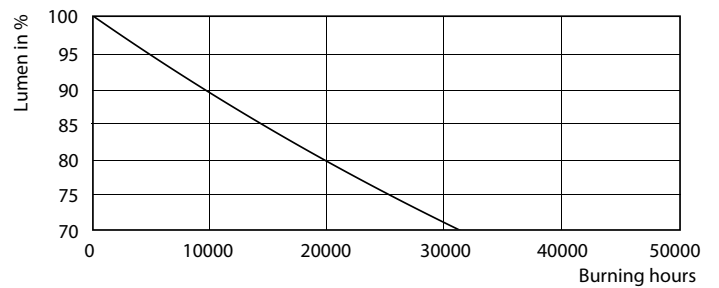
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Photometric data

SDPO_MLEDGA_0051–Spectral Power distribution

Lifetime

LEDtube 1500mm 20W G13 840 2200lm

LEDtube 1500mm 20W G13 840 2200lm

www.lighting.philips.com

2020, November 18 – data subject to change