



CorePro LEDtube EM/ Mains



CorePro LEDtube 1500mm 20W 840 T8

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

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Product data

General information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
CE mark	Yes
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	200000X
Flux measurement reference	Sphere
Tier	CorePro
Light technical	
Colour Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2200 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Consistency	<6
Colour Rendering Index horiz (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	20 W
Lamp Current (Nom)	105 mA
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)	60 °C

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Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1500 mm
Bulb Shape	Tube, double-ended

Approval and application

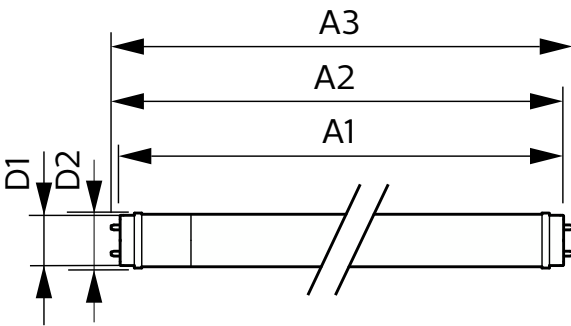
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	1183842

Product data

Full product code	871951445981600
Order product name	CorePro LEDtube 1500mm 20W 840 T8
EAN/UPC - Product	8719514459816
Order code	45981600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929003547402
Net Weight (Piece)	0.220 kg

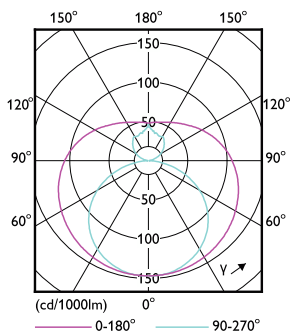
Dimensional drawing



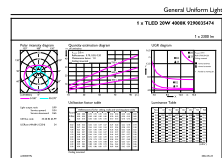
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Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840 T8					

Photometric data



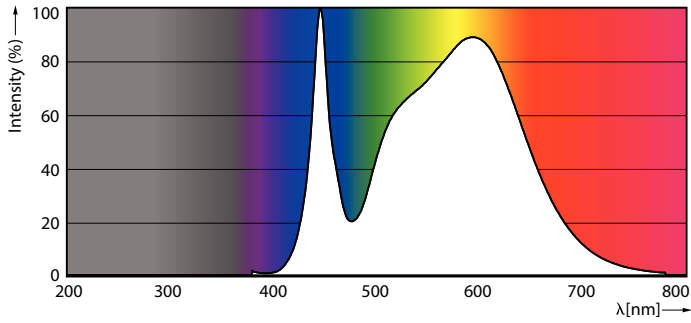
Light Distribution Diagram



General uniform lighting

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Photometric data

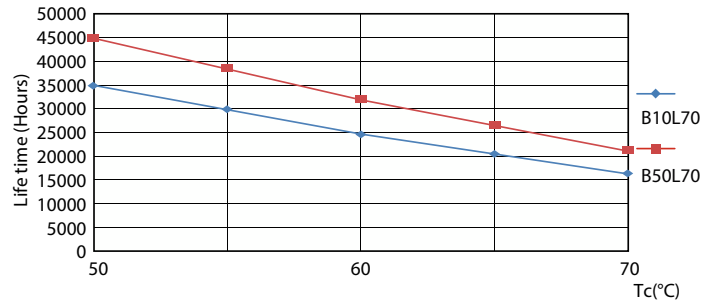


Spectral Power Distribution Colour

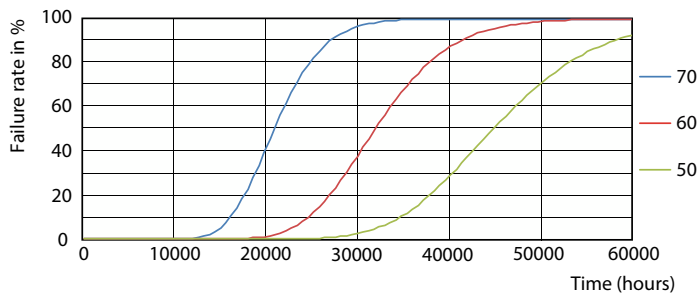
Lifetime



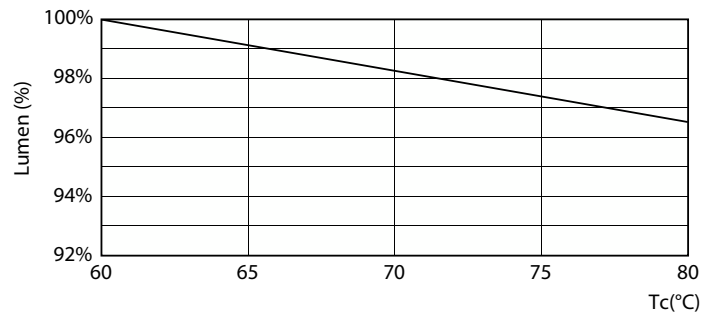
Life Expectancy Diagram



LifetimeVsTc



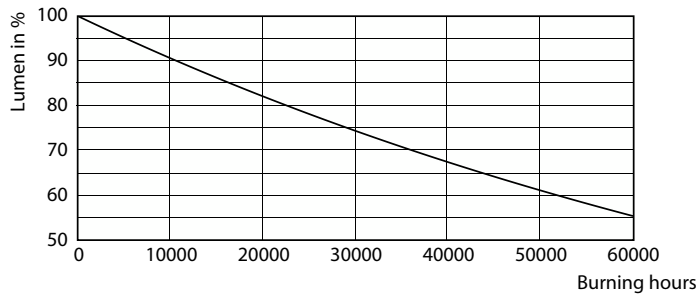
FailureRate



LumenVsTc

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram

