



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		Stroboscopic effect	
Lighting Technology	LED		0.9
Flux measurement reference	Sphere	Operating and electrical	
Switching Cycle	200,000	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Input frequency	50 to 60 Hz
Cap base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	20 W
Light technical		Lamp current (nom.)	105 mA
Colour Code	840 [CCT of 4000K]	Starting time (nom.)	0.5 s
Beam angle (nom.)	240 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	2,200 lm	Power Factor (Fraction)	0.9
Colour designation	Cool White (CW)	Voltage (nom.)	220-240 V
Correlated Colour Temperature	4000 K	Temperature	
Luminous Efficacy (rated) (Nom)	110 lm/W	Ambient temperature range	-20°C to 45°C
Colour consistency	<6	T-Case maximum (nom.)	60 °C
Colour rendering index (CRI)	80		
LLMF at end of nominal lifetime (nom.)	70 %		
Flickering value (PstLM)	1		

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Controls and dimming

Dimmable No

Mechanical and housing

Lamp Finish Frosted
 Bulb material Glass
 Product length 1,500 mm
 Bulb shape Tube, double-ended

Approval and application

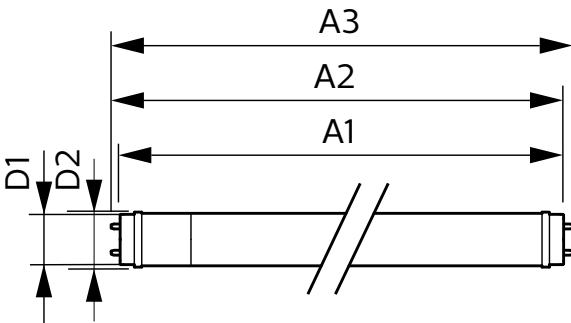
Energy Efficiency Class E
 Energy-saving product Yes
 Approval marks RoHS compliance CE marking KEMA Keur certificate
 Energy consumption kWh/1,000 hours 20 kWh

EPREL registration number 1384717
 CE mark Yes
 EU RoHS compliant Yes

Product data

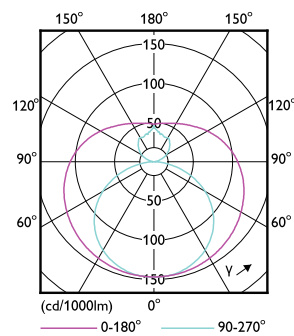
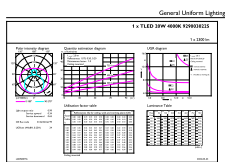
Full EOC 871951432539500
 Order product name CorePro LEDtube 1500mm 20W 840 T8
 Order code 32539500
 SAP numerator – quantity per pack 1
 Numerator – packs per outer box 10
 Material number (12NC) 929003022502
 Full product name CorePro LEDtube 1500mm 20W 840 T8
 EAN/UPC - Case 8719514325401

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data

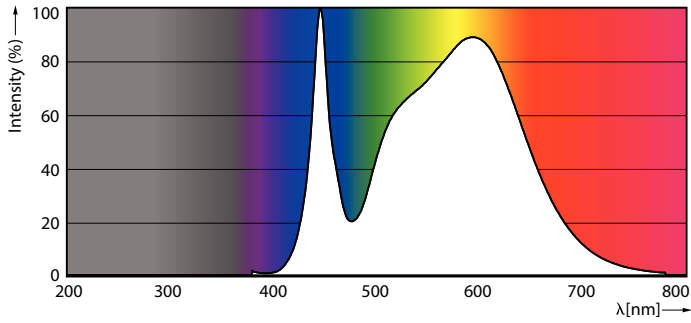


General uniform lighting - CorePro LEDtube 1500mm 20W 840 T8

Light Distribution Diagram - CorePro LEDtube 1500mm 20W 840 T8

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Photometric data

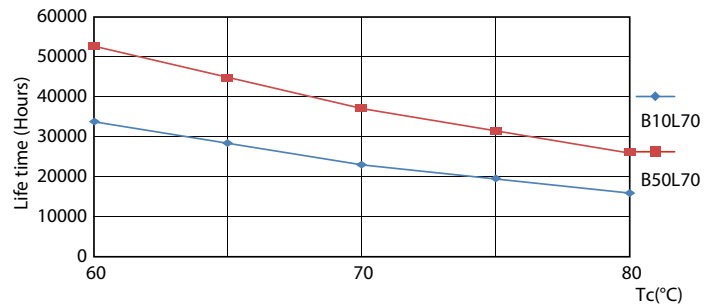


Spectral Power Distribution Colour - CorePro LEDtube 1500mm 20W 840 T8

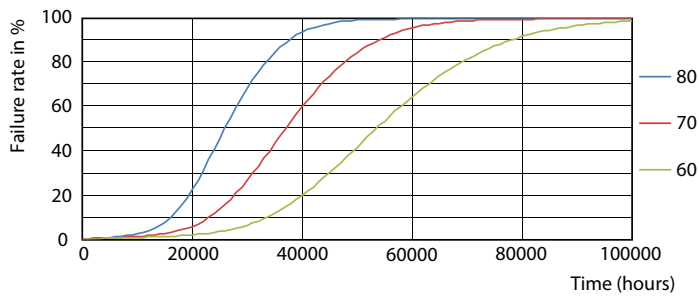
Lifetime



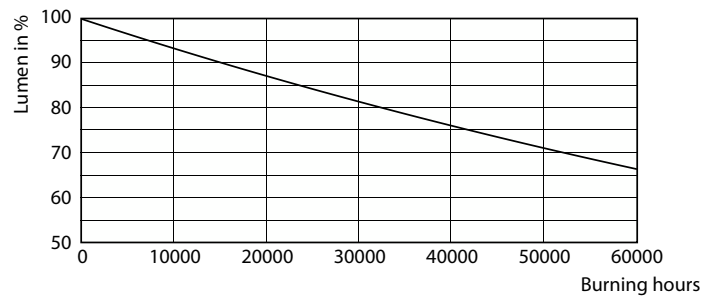
Life Expectancy Diagram - CorePro LEDtube 1500mm 20W 840 T8



Life Expectancy Diagram



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube 1500mm 20W 840 T8

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