



CorePro LEDtube EM/ Mains

CorePro LEDtube 1200mm 16W865 AU

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		Operating and Electrical	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	16 W
Nominal lifetime (nom.)	30000 h	Lamp current (nom.)	70 mA
Switching cycle	200,000X	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
Light Technical		Temperature	
Colour Code	865 [CCT of 6,500 K]	T-ambient (max.)	45 °C
Technical Beam Angle (Nom)	240 °	T-ambient (min.)	-20 °C
Lamp Luminous Flux 25°C EL (Nom)	1600 lm	T storage (max.)	65 °C
Colour Designation	Cool Daylight	T storage (min.)	-40 °C
Colour Temperature, horizontal (Nom)	6500 K	T-Case maximum (nom.)	40 °C
Lamp Luminous Efficacy EM (Nom)	100.00 lm/W		
Colour consistency	<6		
Colour Rendering Index,horiz (Nom)	80		
LLMF at end of nominal lifetime (nom.)	70 %		

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, single-ended

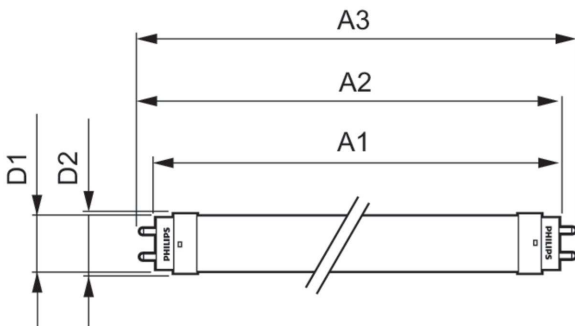
Approval and Application

Energy-saving product	Yes
Approval marks	RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	15 kWh

Product Data

Full product code	871869966295000
Order product name	CorePro LEDtube 1200mm 16W865 AU
EAN/UPC – product	8718699662950
Order code	929001338919
Local order code	TLED120086518
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001338919
SAP net weight (piece)	0.215 kg

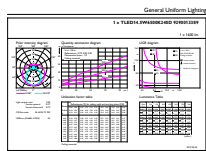
Dimensional drawing



TLED 4ft 14.5-36W 1600lm 6500K G13 Ess

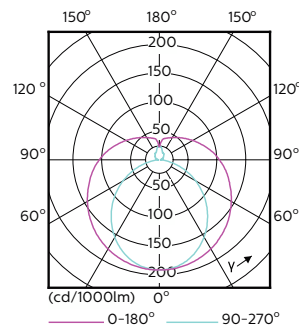
Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W865 AU	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



General Uniform Lighting
1 x 1600lm 16W 1200mm
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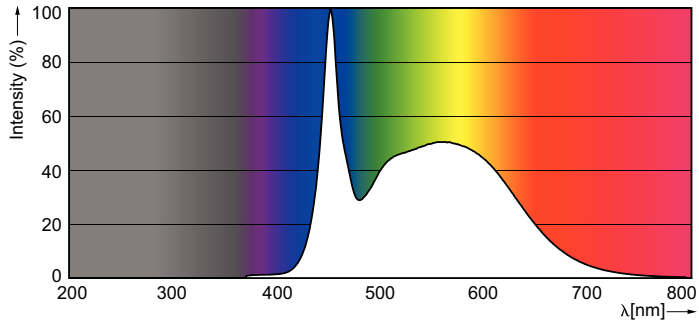
LEDtube 1200mm 15W G13 865 1600lm



LEDtube 1500mm 20W G13 840 2200lm

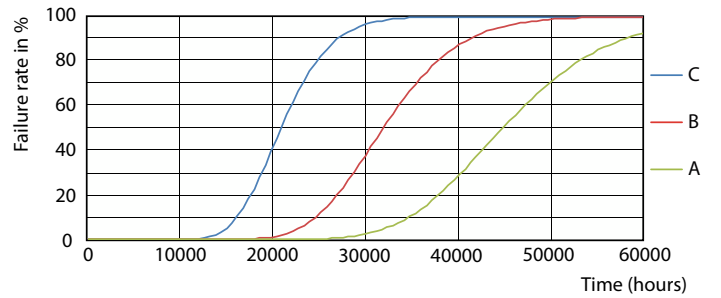
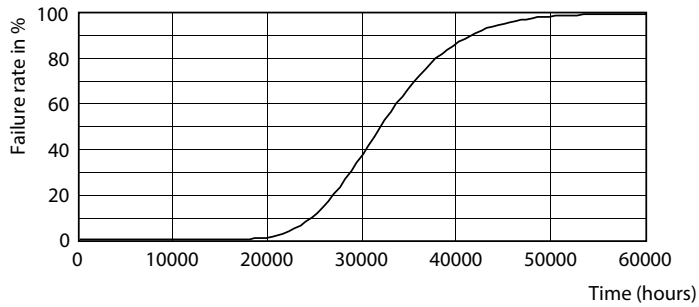
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Photometric data



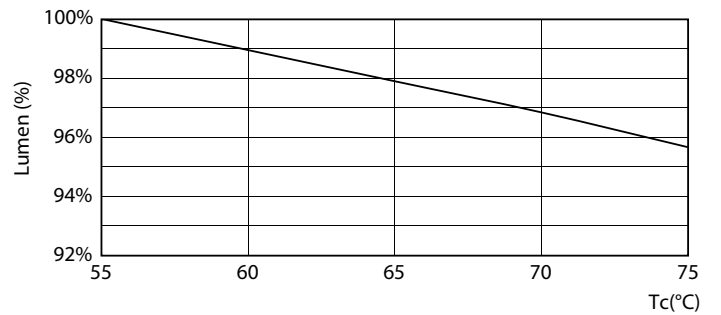
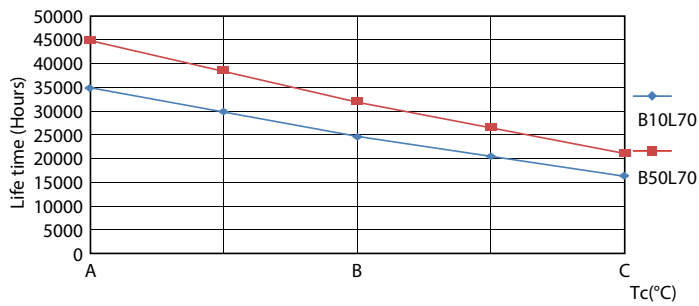
SDPO_MLEDGA_0051-Spectral Power distribution

Lifetime



LEDtube 30K

LEDtube 30K FailureRate

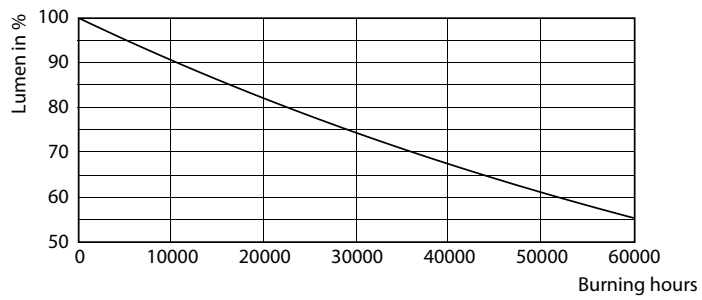


LEDtube 30K LifetimeVsTc

LEDtube COR AU 16W 30K LumenVsTc-LMP

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Lifetime



LEDtube 30K

