



CorePro LEDtube EM/ Mains

CorePro LEDtube 1500mm HO 24W 865 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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	200,000X
Technical type	LEDTECH-LOV
	Sphere

Light Technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	2700 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	112.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	24 W
Lamp current (nom.)	120 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.)	55 °C

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	1500 mm
Bulb shape	Tube, double-ended

Approval and Application

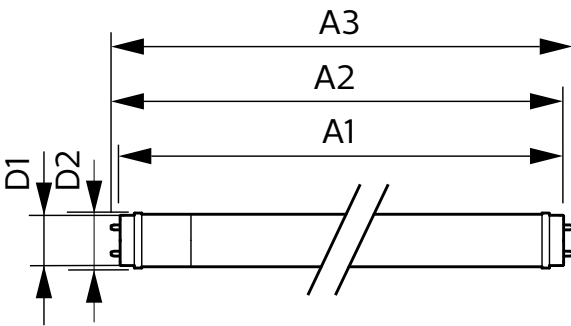
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	24 kWh
	491844

Product Data

Full product code	871869680615900
Order product name	CorePro LEDtube 1500mm HO 24W 865 T8
EAN/UPC – product	8718696806159
Order code	80615900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001875002
SAP net weight (piece)	0.270 kg

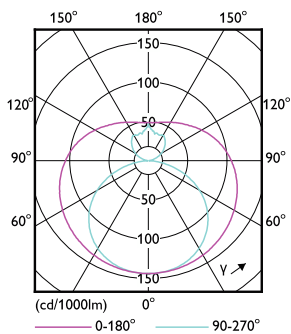
Dimensional drawing



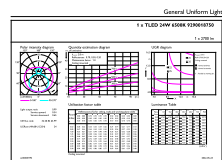
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Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm HO 24W 865 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



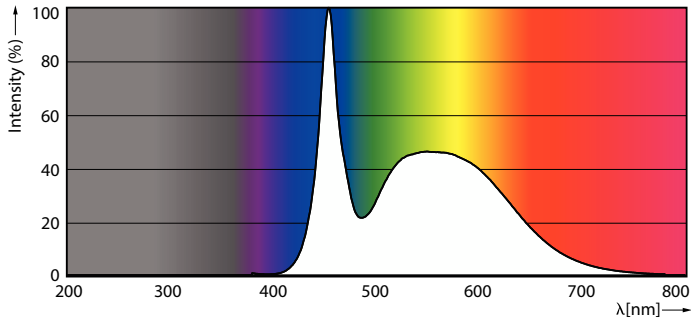
Light Distribution Diagram



General uniform lighting

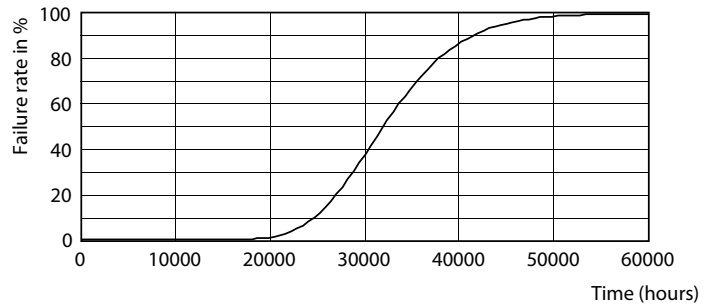
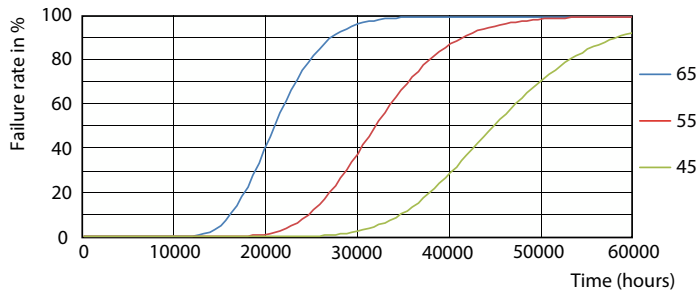
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Photometric data



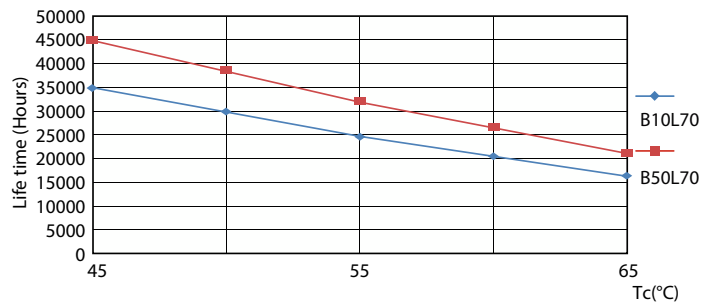
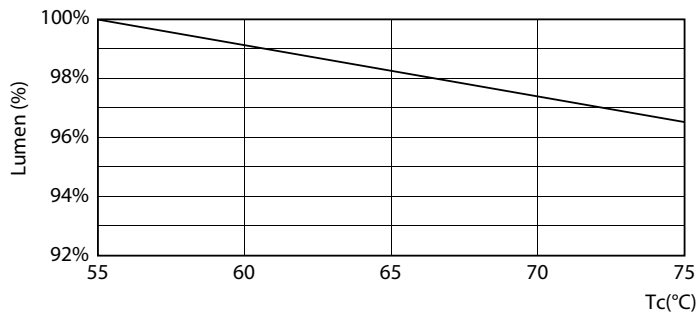
Spectral Power Distribution Colour

Lifetime



FailureRate

Life Expectancy Diagram



LumenVsTc

LifetimeVsTc

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram

