

CorePro LEDtube EM/ Mains



CorePro LEDtube 600mm 8W 830 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
	Sphere
Tier	CorePro
Light technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	750 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	93 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

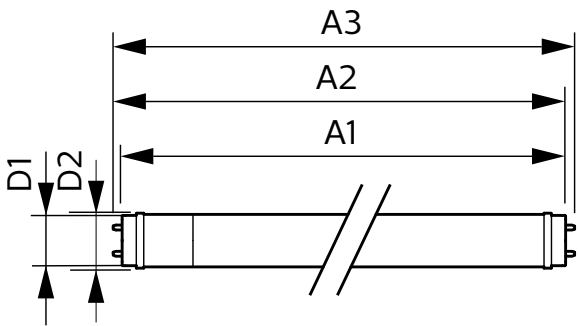
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp current (nom.)	46 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-storage (range)	-40°C to 65°C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	50 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	Tube, double-ended
Approval and application	
Energy Efficiency Class	F
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
	1288990
Product data	
Full product code	871951448638600
Order product name	CorePro LEDtube 600mm 8W 830 T8
EAN/UPC – product	8719514486386
Order code	48638600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929003577132
Net Weight (Piece)	0.220 kg

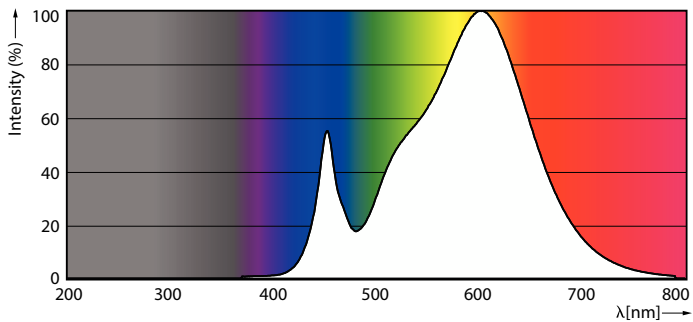
Dimensional drawing



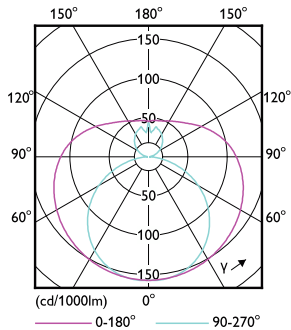
CorePro LEDtube 600mm 8W 830 T8

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W 830 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data

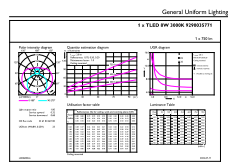


Spectral Power Distribution Colour



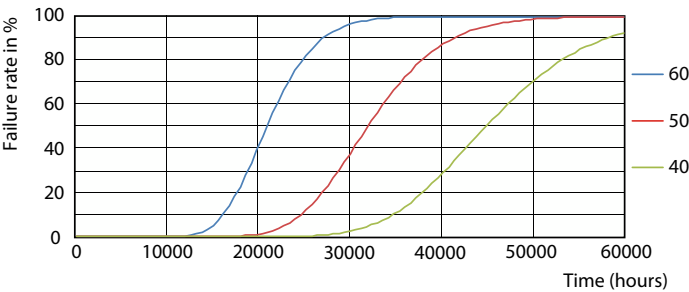
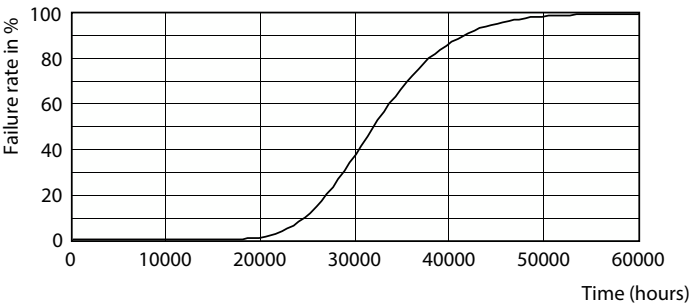
Light Distribution Diagram

Photometric data

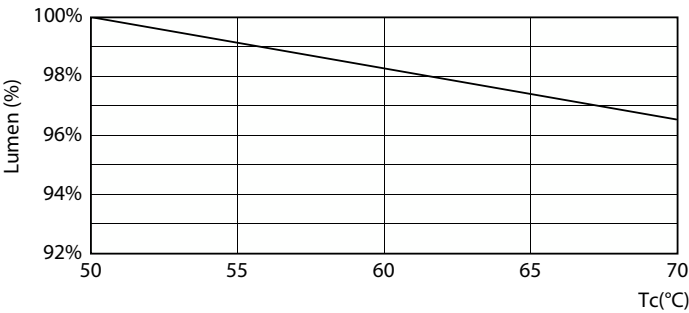


General uniform lighting

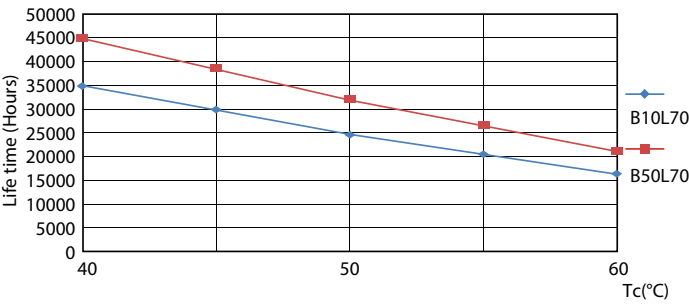
Lifetime



Life Expectancy Diagram



FailureRate

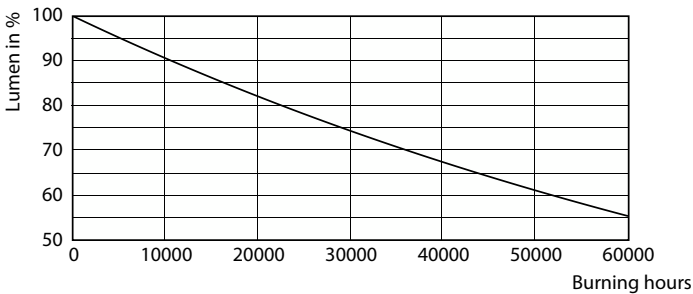


LumenVsTc

LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram

