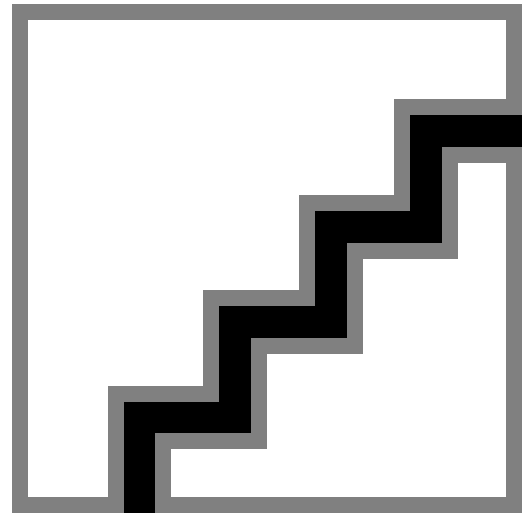




CorePro LEDtube EM/ Mains



CorePro LEDtube 1500mm 20W 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.)	2050 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	102 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

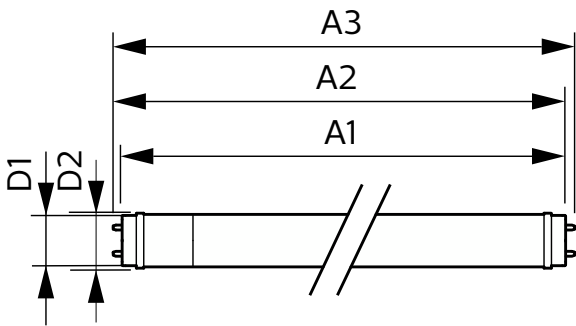
LLMF at end of nominal lifetime (nom.) 70 %	
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	20 W
Lamp current (nom.)	105 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-storage (range)	-40°C to 65°C
T storage (max.)	65 °C
T storage (min.)	-40 °C

CorePro LEDtube EM/Mains

T-Case maximum (nom.)	60 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1500 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	20 kWh
	1288994
Product data	
Full product code	871951448642300
Order product name	CorePro LEDtube 1500mm 20W 830 T8
EAN/UPC – product	8719514486423
Order code	48642300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929003577332
Net Weight (Piece)	0.220 kg

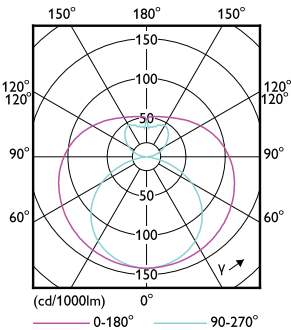
Dimensional drawing



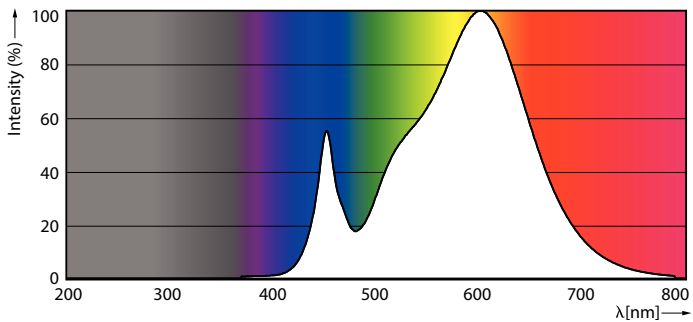
CorePro LEDtube 1500mm 20W 830 T8

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 830 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data

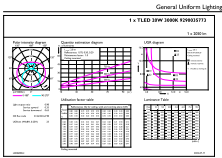


Light Distribution Diagram



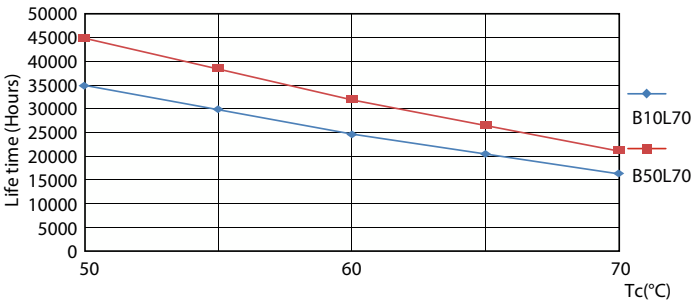
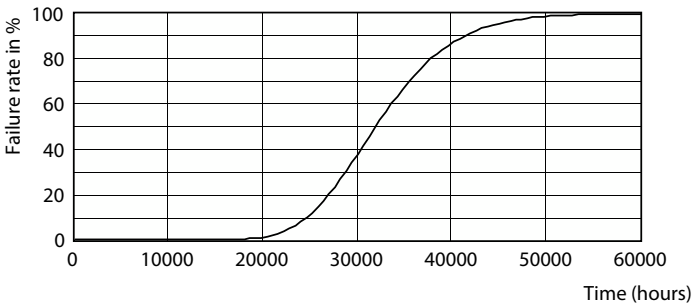
Spectral Power Distribution Colour

Photometric data

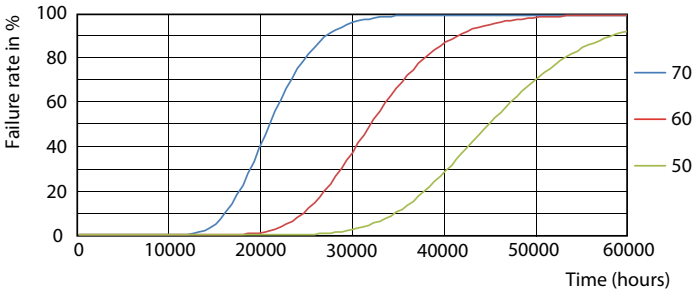


General uniform lighting

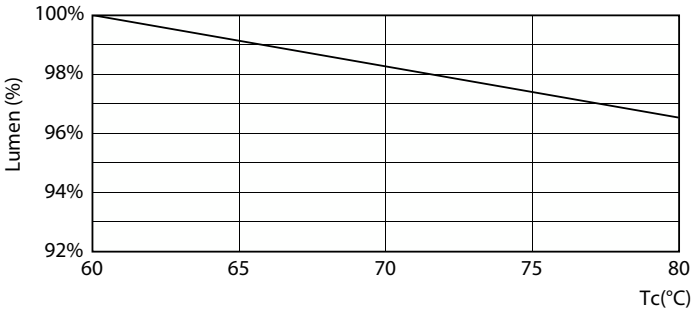
Lifetime



Life Expectancy Diagram



LifetimeVsTc

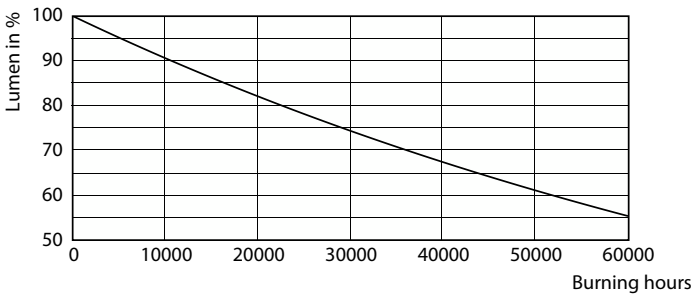


FailureRate

LumenVsTc

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram

