



CorePro LEDtube EM/ Mains



CorePro LEDtube 1500mm 20W 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

• -

Product data

General information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Operating and electrical	
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Nominal lifetime (nom.)	30000 h	Power (Rated) (Nom)	20 W
Switching cycle	200,000X	Lamp current (nom.)	105 mA
Technical type	LEDTECH-LOV	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
Tier	CorePro	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
Beam Angle (Nom)	240 °	T-ambient (min.)	-20 °C
Luminous flux (nom.)	2200 lm	T storage (max.)	65 °C
Colour designation	Cool Daylight	T storage (min.)	-40 °C
Correlated Colour Temperature (Nom)	6500 K	T-Case maximum (nom.)	60 °C
Luminous efficacy (rated) (nom.)	110 lm/W		
Colour consistency	<6		
Colour rendering index (nom.)	80		

CorePro LEDtube EM/Mains

Controls and dimming

Dimmable	No
----------	----

Mechanical and housing

Lamp Finish	Frosted
Bulb material	Glass
	1500 mm
Bulb shape	Tube, double-ended

Approval and application

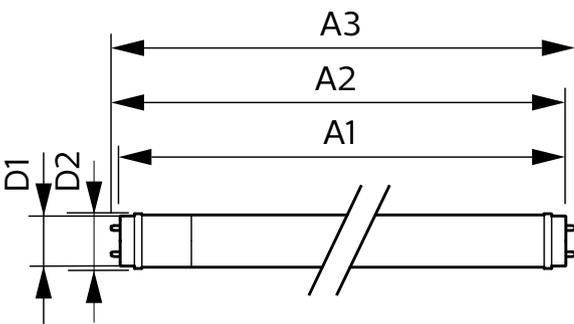
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	20 kWh
	1183862

Product data

Full product code	871951432541800
Order product name	CorePro LEDtube 1500mm 20W 865 T8
EAN/UPC – product	8719514325418
Order code	32541800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003022602
Net Weight (Piece)	0.270 kg

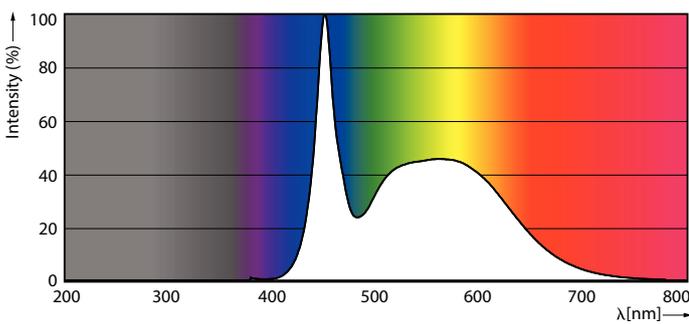
Dimensional drawing



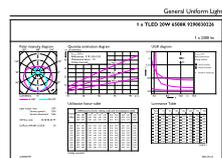
CorePro LEDtube 1500mm 20W 865 T8

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 865 T8					

Photometric data



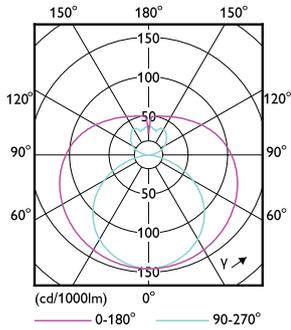
Spectral Power Distribution Colour



General uniform lighting

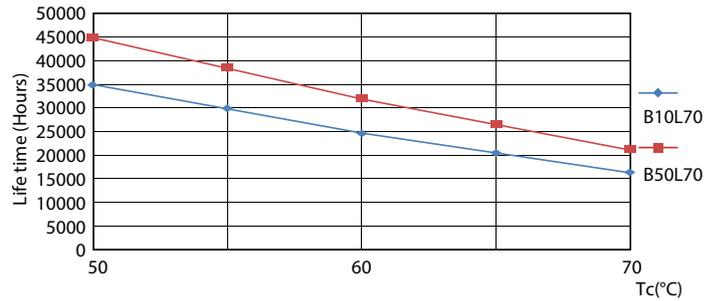
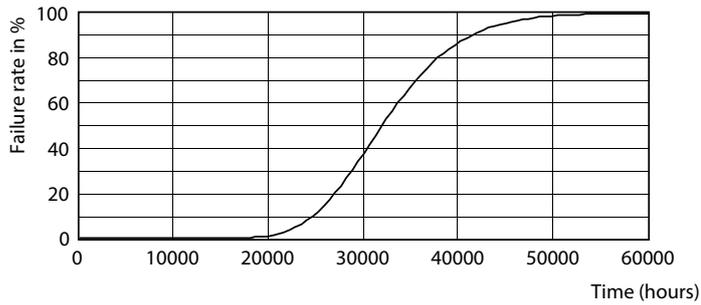
CorePro LEDtube EM/Mains

Photometric data



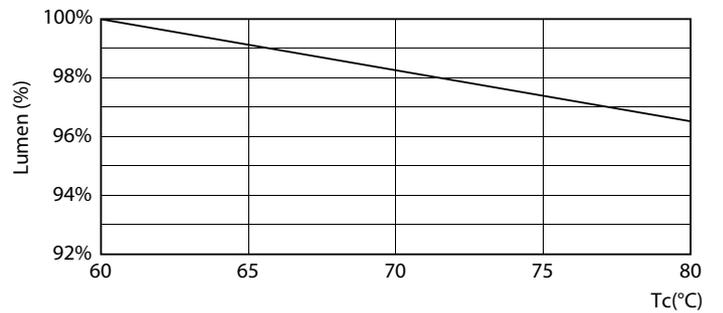
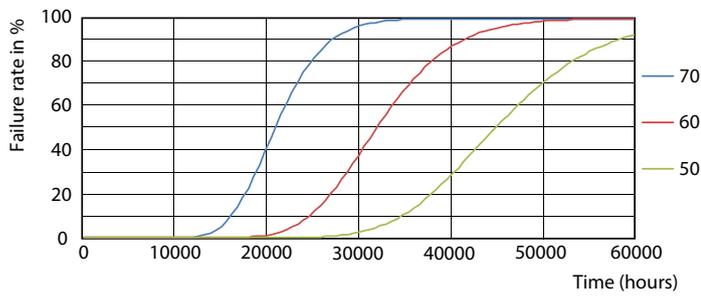
Light Distribution Diagram

Lifetime



Life Expectancy Diagram

LifetimeVsTc

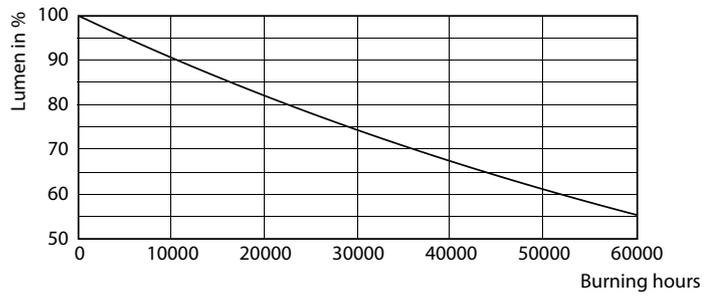


FailureRate

LumenVsTc

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram

