

CorePro LED tube EM/ Mains T8



CorePro LEDtube 1500mm UO 24.9W 3CCT T8

CorePro, LEDtube, T8, EM/Mains, 1500 mm, 24.9 W, 58W TL-D, 3000 K, 4000 K, 6500 K, 3320 lm, 3500 lm, 3500 lm, CRI 80, 50000 hour(s)

Philips CorePro LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pack back time. Not only does the Core range of LEDtubes require a low initial investment, but LED energy efficiency also delivers instant savings that you can bank on over a long and reliable lifetime. Plus, with the same lamp size and light distribution as fluorescent alternatives, you'll never know the difference. There are two ways to install these LED tubes: Rewire your existing fluorescent-based luminaires so the CorePro LEDtubes work directly on the Mains. Or simply change the fluorescent starter to an LED starter that can be used with your Electromagnetic ballasts.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

Product data

General Information	
Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube

Flux measurement reference	Sphere
Warranty period	3 years

Light Technical	
Color Code	3000/4000/6500

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Beam Angle (Nom)	240 degree(s)
Luminous Flux	3,320 3,500 3,500 lm
Color Designation	3000/4000/6500
Correlated Color Temperature (Nom)	3000 4000 6500 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0
All-in Type	All-in, Multi Color Temperature

Sustainability Data

Product non-virgin material ratio	0 %

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	24.9 W
Lamp Current (Nom)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	58W TL-D
Inrush current at mains	9.6
Max. lamp no. on MCB B type 10A - Mains	53
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	47
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	18
Max. lamp no. on MCB B type 16A - Mains	85
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	75
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	28
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	60 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	T8
Net Weight (Piece)	0.280 kg

Approval and Application

Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	25 kWh
EPREL Registration Number	2518888
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C
Post-consumer recycled plastic material ratio	0 %

Application Conditions

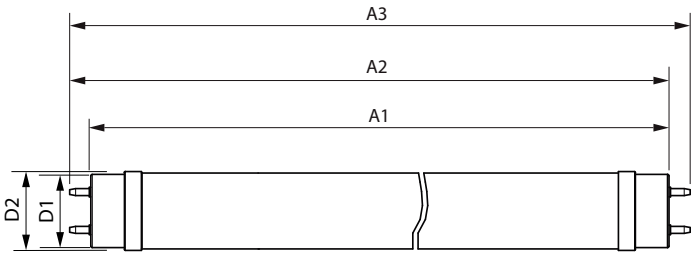
can it be used in closed luminaires	Yes

Product Data

Order product name	CorePro LEDtube 1500mm UO 24.9W 3CCT T8
Full product name	CorePro LEDtube 1500mm UO 24.9W 3CCT T8
Full product code	872110313951100
Order code	929004320602
Material Nr. (12NC)	929004320602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103139511
Numerator - Packs per outer box	20
EAN/UPC - Case	8721103139528

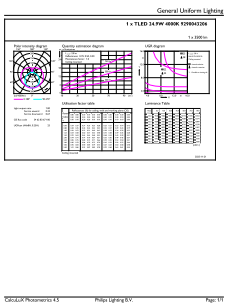
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Dimensional drawing

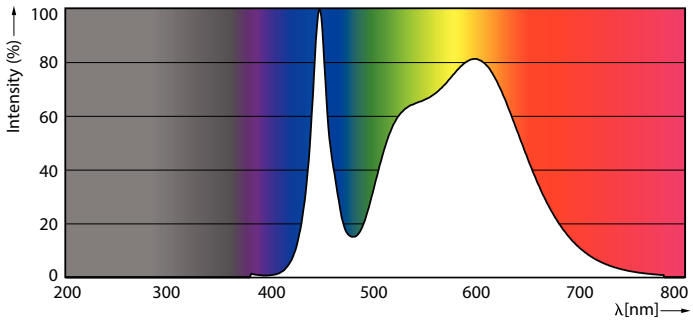


Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm UO 24.9W 3CCT T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

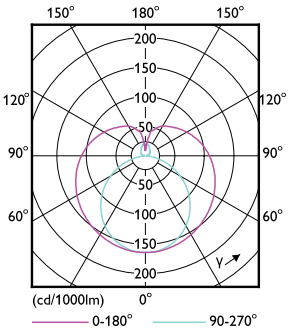
Photometric data



General uniform lighting - CorePro LEDtube 1500mm UO 24.9W 3CCT T8



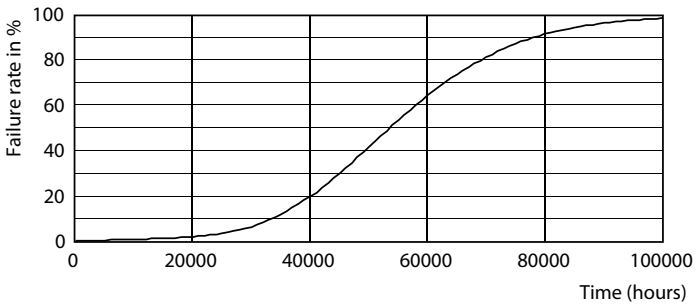
Spectral Power Distribution Colour - CorePro LEDtube 1500mm UO 24.9W 3CCT T8

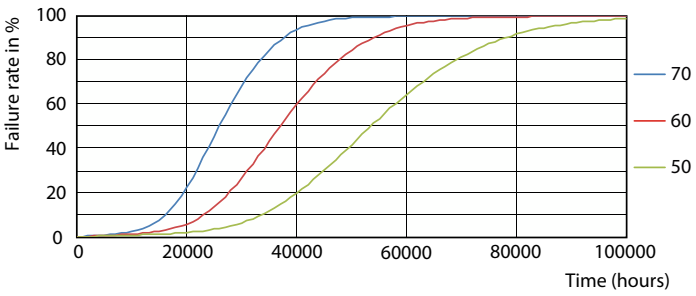


Light Distribution Diagram - CorePro LEDtube 1500mm UO 24.9W 3CCT T8

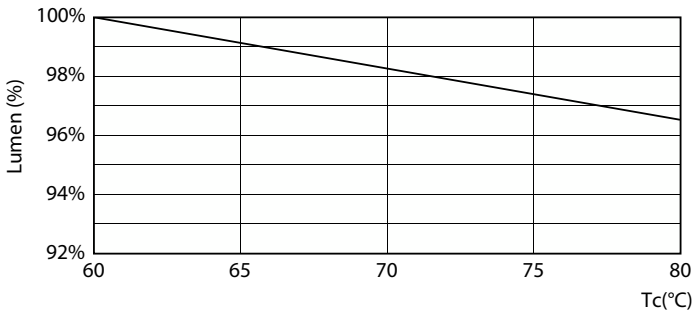
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Lifetime

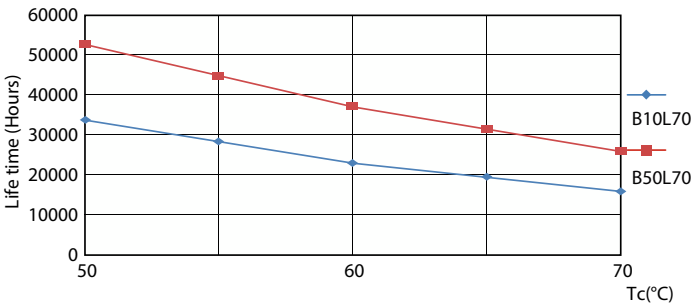




Life Expectancy Diagram

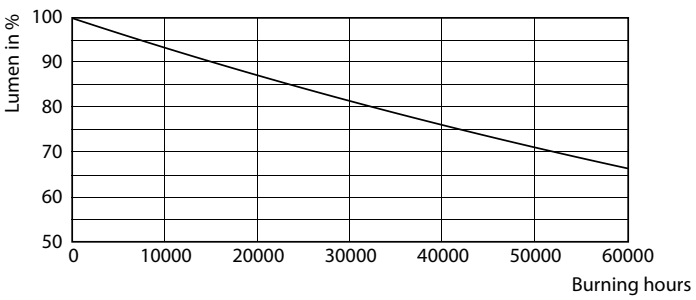


FailureRate



Lumen Maintenance Diagram - CorePro LEDtube 1500mm UO 24.9W 3CCT T8

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LEDtube 1500mm UO 24.9W 3CCT T8

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2026, April 5 - data subject to change