CorePro LEDtube EM/Mains T8

CorePro LEDtube 1500mm 20W 840 C

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.
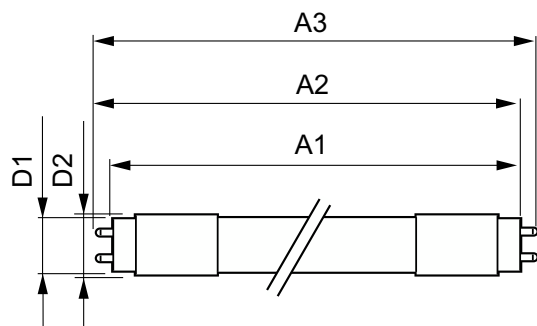
Product data

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	150 degree(s)

Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	20 W

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Starting Time (Nom)	0.5 s		**Suitable For Accent Lighting**	No
Warm-up time to 60% light	Instant full light s		**Approval Marks**	CE marking RoHS compliance KEMA Keur certificate
Power Factor (Fraction)	0.9		**Energy Consumption kWh/1000 h**	20 kWh
Voltage (Nom)	220-240 V			

Temperature			**Product Data**	
Ambient temperature range	-20 ℃ to 45 ℃		**Order product name**	CorePro LEDtube 1500mm 20W 840 C
T-Case Maximum (Nom)	55 ℃		**Full product name**	CorePro LEDtube 1500mm 20W 840 C
			Full product code	871869642794100
Controls and Dimming			**Order code**	929001128602
Dimmable	No		**Material Nr. (12NC)**	929001128602
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718696427941
Product Length	1,500 mm		**Numerator – Packs per outer box**	10
			EAN/UPC – Case	8718696427958
Approval and Application				
Energy Saving Product	Yes			

Dimensional drawing

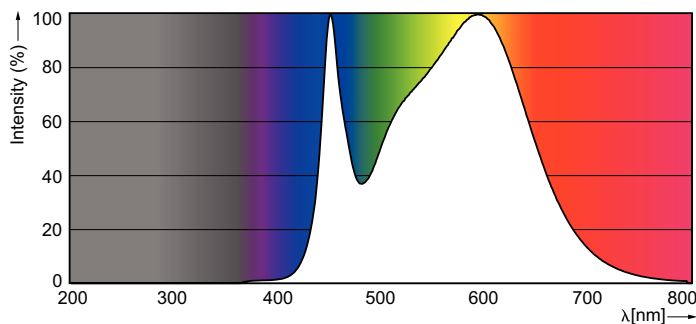| Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840 C	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm

Photometric data
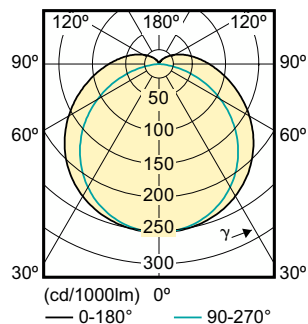
Light Distribution Diagram – CorePro LEDtube 1500mm 20W 840 C

Spectral Power Distribution Colour – CorePro LEDtube 1500mm 20W 840 C

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