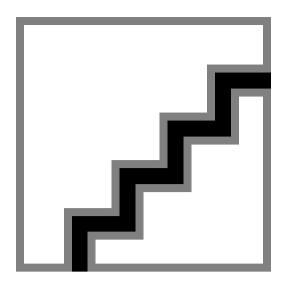
PHILIPS Lighting



CorePro LEDtube EM/ Mains T8

CorePro LEDtube 600mm HO 8W 840 T8

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

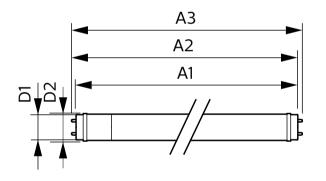
eneral Information		Luminous Flux	900 lumen
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Designation	Cool White (CW)
Nominal lifetime	50,000 hour(s)	Correlated Color Temperature (Nom)	4000 K
Switching Cycle	200,000	Luminous Efficacy (rated) (Nom)	112 lm/W
Lighting Technology	LED	Color Consistency	<6
Flux measurement reference	Sphere	Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nor	n) 70 %
Light Technical			
Color Code	840 [CCT of 4000K]	Operating and Electrical	
Beam Angle (Nom)	240 degree(s)	Line Frequency	50 to 60 Hz

CorePro LEDtube EM/Mains T8

Input Frequency	50 to 60 Hz
Power Consumption	8 W
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
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended

Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur
	certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1,384,720
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871951442103500
Order product name	CorePro LEDtube 600mm HO 8W 840 T8
Order code	929003158602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929003158602
Full product name	CorePro LEDtube 600mm HO 8W 840 T8
EAN/UPC - Case	8719514421042

Dimensional drawing

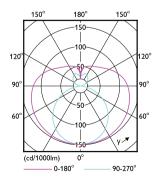


Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm HO 8W	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
840 T8					

Photometric data

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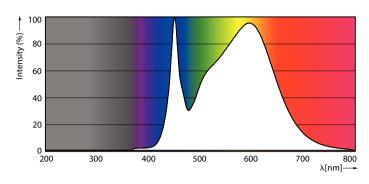
Philips Lighting B.



Light Distribution Diagram - CorePro LEDtube 600mm HO 8W 840 T8

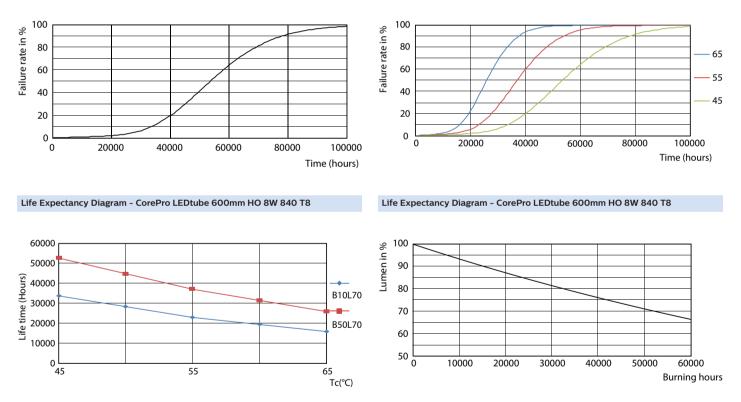
CorePro LEDtube EM/Mains T8

Photometric data



Spectral Power Distribution Colour - CorePro LEDtube 600mm HO 8W 840 T8

Lifetime



Life Expectancy Diagram - CorePro LEDtube 600mm HO 8W 840 T8

Lumen Maintenance Diagram - CorePro LEDtube 600mm HO 8W 840 T8

CorePro LEDtube EM/Mains T8



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www.lighting.philips.com 2023, May 16 - data subject to change