

CorePro LED tube Universal T8

CorePro LEDtube UN 600mm HO 8W840 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips CorePro LEDtube Universal T8 directly fits in luminaires operating either on Electro Magnetic ballasts or HF Electronic ballasts or mains power connection. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable & easy to install Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and lower investment.

Product data

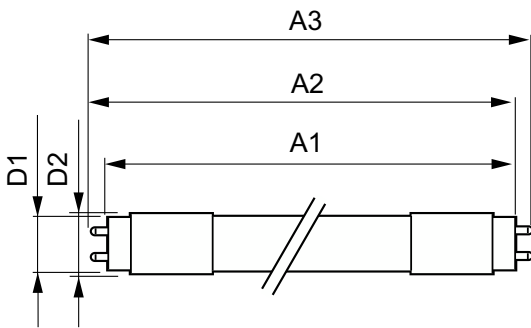
General information		Colour consistency	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Colour consistency	<6
CE mark	Yes	Colour rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF at end of nominal lifetime (nom.)	70 %
Nominal lifetime	50,000 h	Operating and electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	8 W
Brand	Philips	Lamp current (nom.)	40 mA
Light technical		Starting time (nom.)	0.5 s
Colour Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam angle (nom.)	240 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	900 lm	Voltage (nom.)	220-240 V
Colour designation	Cool White (CW)	Temperature	
Correlated Colour Temperature	4000 K	T-Case maximum (nom.)	45 °C
Luminous Efficacy (rated) (Nom)	112 lm/W		

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Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp 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 TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	8 kWh

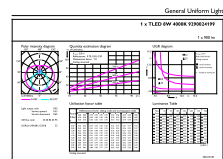
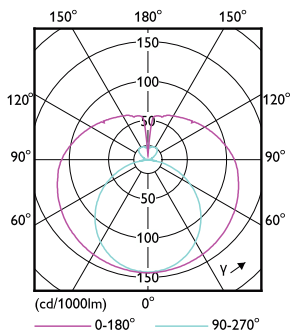
EPREL registration number	1,315,794
Product data	
Full EOC	871869978279500
Order product name	CorePro LEDtube UN 600mm HO 8W840 T8
Order code	78279500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929002419902
Net weight	0.110 kg
Full product name	CorePro LEDtube UN 600mm HO 8W840 T8
EAN/UPC - Case	8718699782801

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 600mm HO 8W840 T8	25.7 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

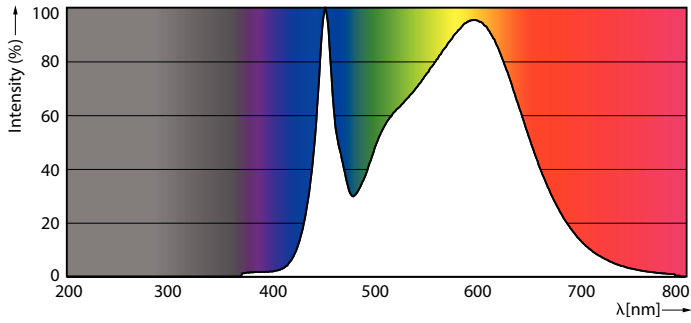
Photometric data



Light Distribution Diagram

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Photometric data

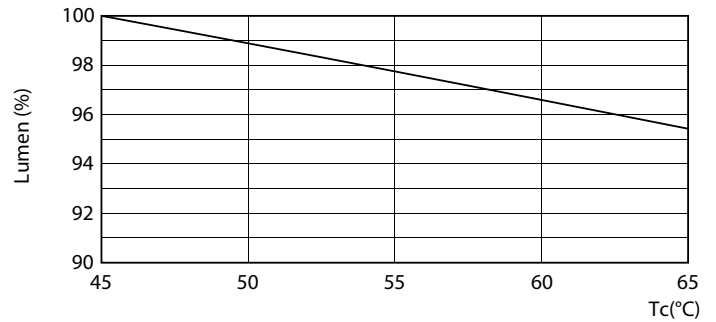


Spectral Power Distribution Colour

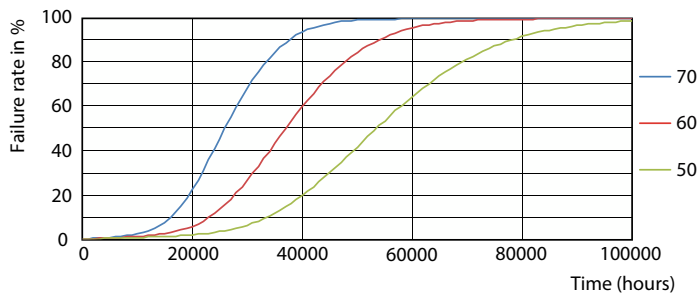
Lifetime



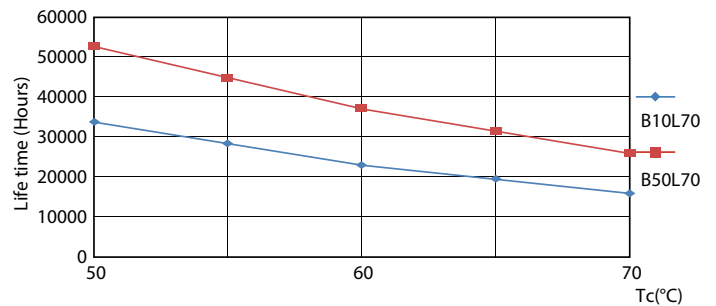
Life Expectancy Diagram - CorePro LEDtube UN 600mm HO 8W840 T8



Lumen Maintenance Diagram



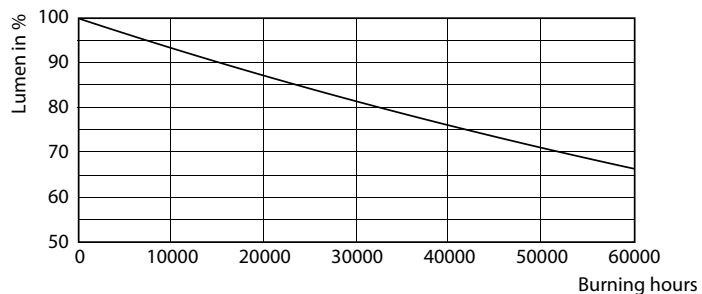
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Lifetime



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