



CorePro LED tube Universal T8

CorePro LEDtube UN 600mm HO 8W865 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		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Operating and electrical	
Nominal lifetime	50,000 h	Line Frequency	50 to 60 Hz
Switching Cycle	50,000	Input frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	8 W
Flux measurement reference	Sphere	Lamp current (nom.)	40 mA
Light technical		Starting time (nom.)	0.5 s
Colour Code	865 [CCT of 6500K]	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 Daylight	Temperature	
Correlated Colour Temperature	6500 K	T-Case maximum (nom.)	45 °C
Luminous Efficacy (rated) (Nom)	112 lm/W		
Colour consistency	<6		
Colour rendering index (CRI)	80		

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Controls and dimming

Dimmable	No
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Mechanical and housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	Tube, double-ended

Approval and application

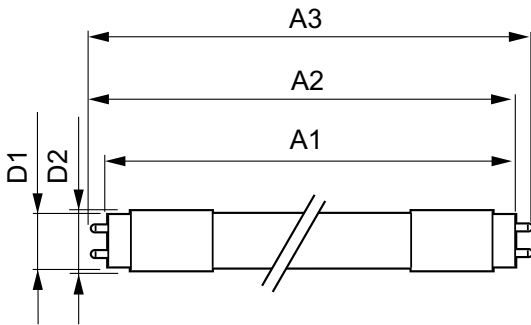
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	8 kWh
EPREL registration number	1,315,795

CE mark	Yes
EU RoHS compliant	Yes

Product data

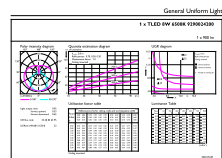
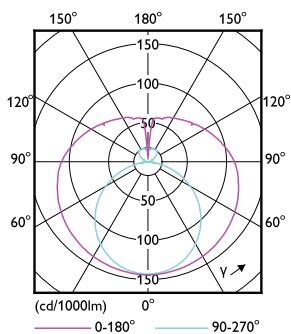
Full EOC	871869978281800
Order product name	CorePro LEDtube UN 600mm HO 8W865 T8
Order code	78281800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929002420002
Net weight	0.110 kg
Full product name	CorePro LEDtube UN 600mm HO 8W865 T8
EAN/UPC - Case	8718699782825

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 600mm HO 8W865 T8	25.7 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

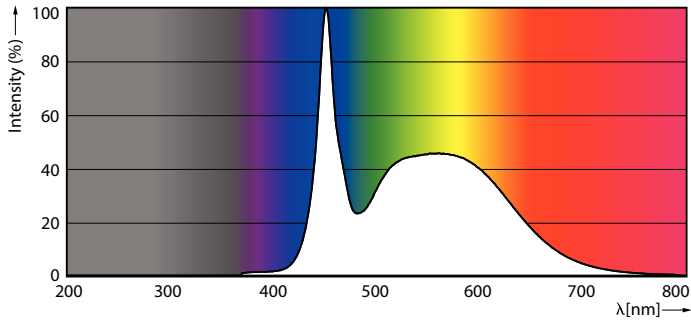
Photometric data



Light Distribution Diagram

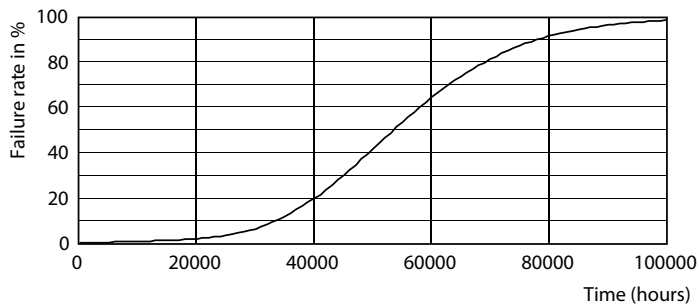
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Photometric data

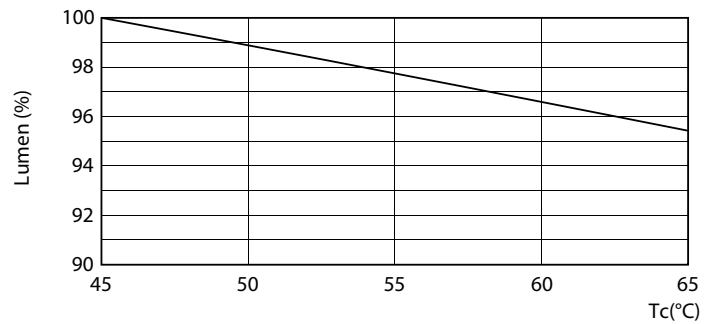


Spectral Power Distribution Colour

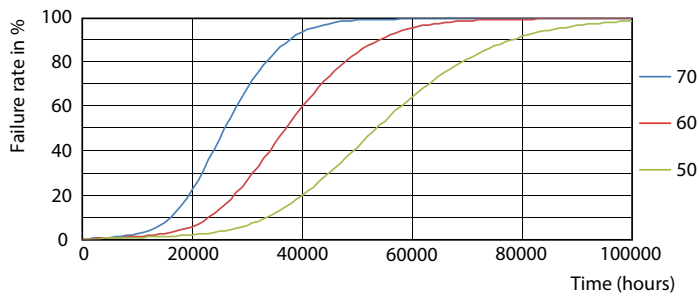
Lifetime



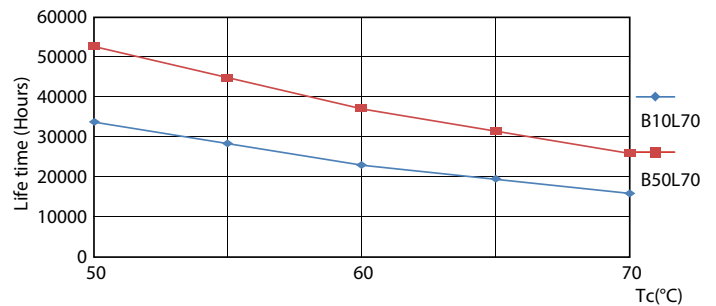
Life Expectancy Diagram - CorePro LEDtube UN 600mm HO 8W865 T8



Lumen Maintenance Diagram



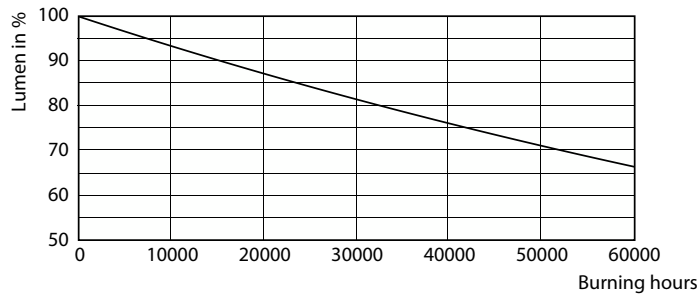
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Lifetime



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