

CorePro LED tube Universal T8

CorePro LEDtube UN 600mm HO 8W830 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
Technical Type	8-18W

Light Technical	
Colour Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	850 lm
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	106.00 lm/W
Color Consistency	<6
Colour Rendering Index horiz (Nom)	83

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp Current (Nom)	40 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

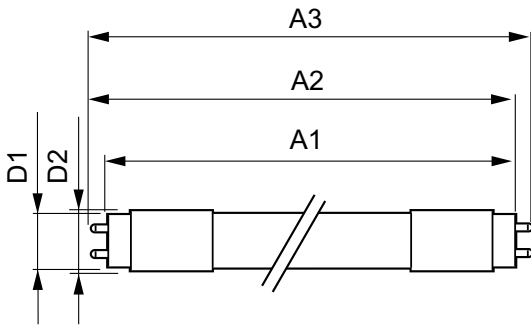
LLMF At End Of Nominal Lifetime (Nom)	70 %
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T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Approval and Application	
Energy Efficiency Label	A+
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	8 kWh
Product Data	
Full product code	871869978277100
Order product name	CorePro LEDtube UN 600mm HO 8W830 T8
EAN/UPC - Product	8718699782771
Order code	78277100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002419802
Net Weight (Piece)	0.121 kg

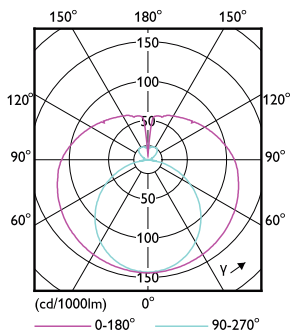
Dimensional drawing



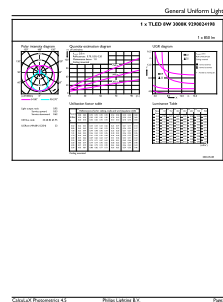
TLED 2ft 220-240V 8-18W 850lm 3000K G13

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 600mm HO 8W830 T8	25.7 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



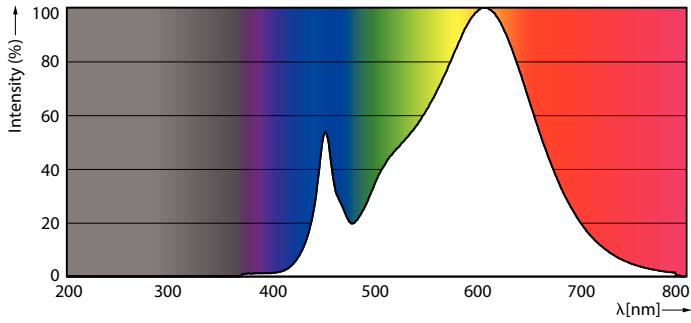
LEDtube 8W G13 900lm



LEDtube 8W G13 850lm 830

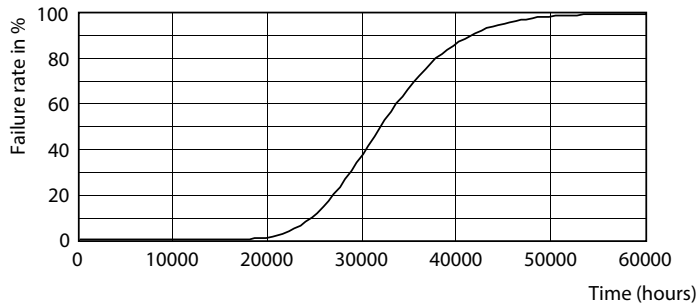
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Photometric data

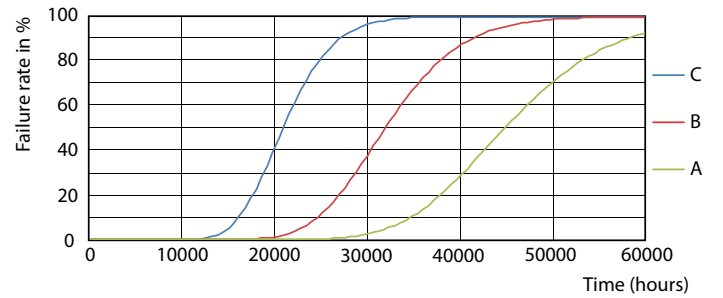


LEDtube 8W G13 850lm 830

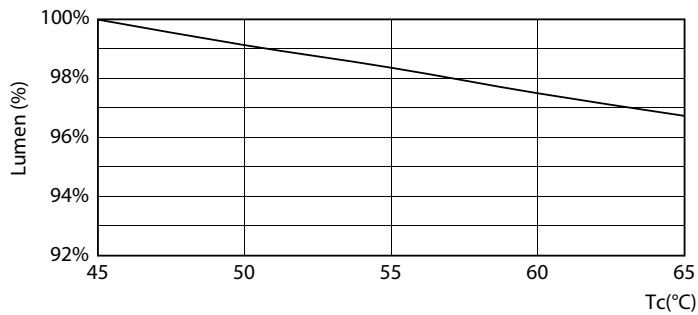
Lifetime



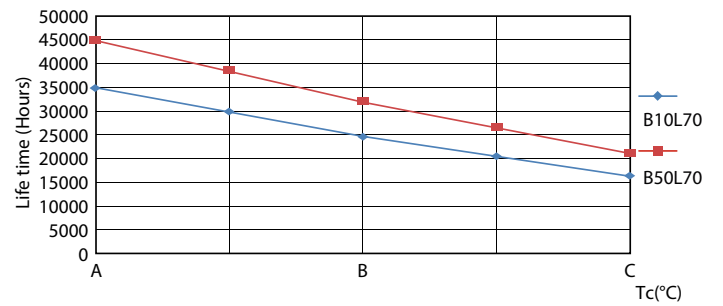
LEDtube 30K



LEDtube 30K FailureRate



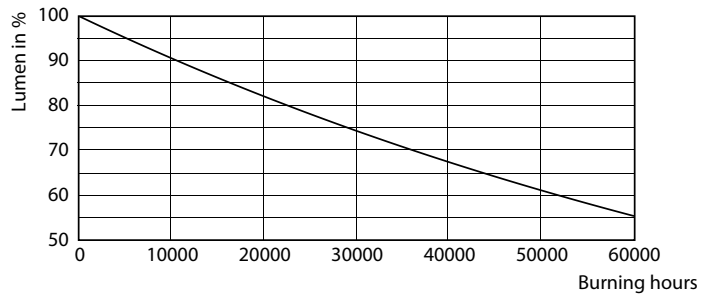
LEDtube 30K LumenVsTc



LEDtube 30K LifetimeVsTc

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Lifetime



LEDtube 30K

