



# 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	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
Technical Type	8-18W
Flux measurement reference	Sphere

Light Technical	
Color Code	865 [ CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	900 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (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

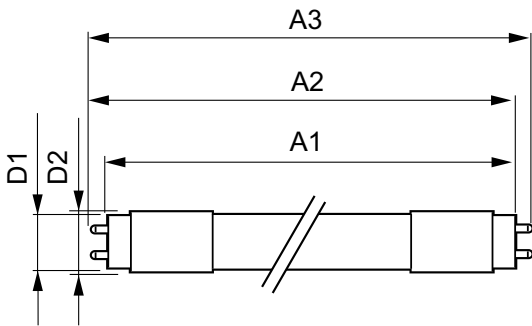
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	45 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	403636
<b>Product Data</b>	
Full product code	871869978281800
Order product name	CorePro LEDtube UN 600mm HO 8W865 T8
EAN/UPC - Product	8718699782818
Order code	929002420002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002420002
Net Weight (Piece)	0.121 kg

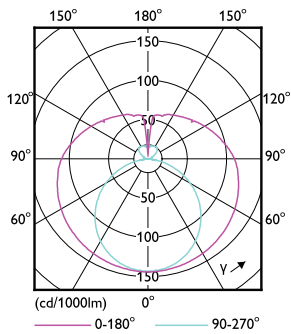
## Dimensional drawing



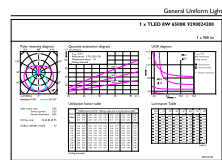
TLED 2ft 220-240V 8-18W 900lm 6500K G13

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



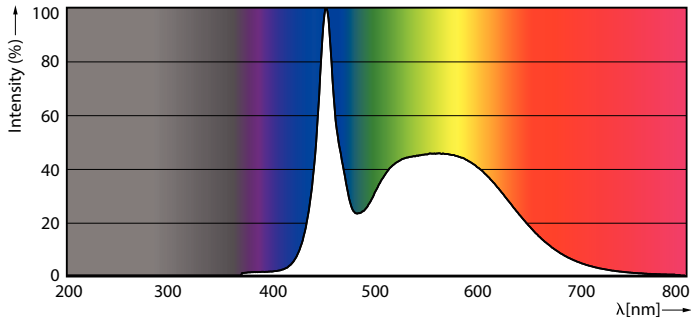
LEDtube 8W G13 900lm



LEDtube 8W G13 900lm 865

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## Photometric data

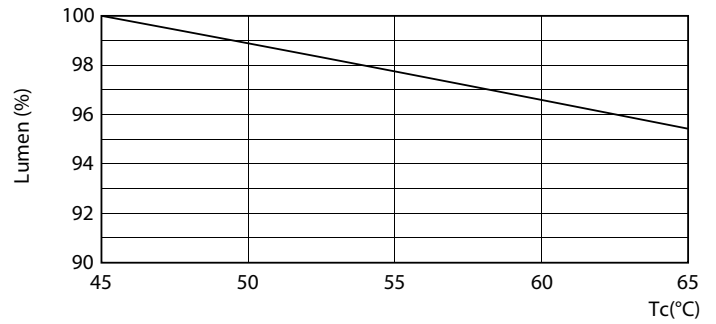


LEDtube 8W G13 900lm 865

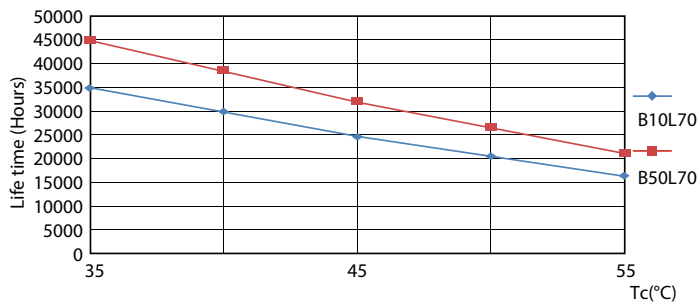
## Lifetime



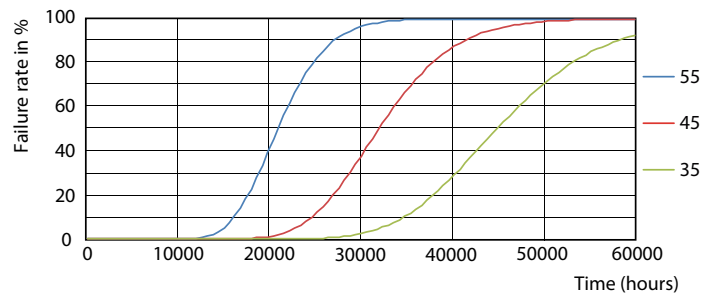
LEDtube 30K



LEDtube COR SLR 8W 30K LumenVsTc-LMP-LMP



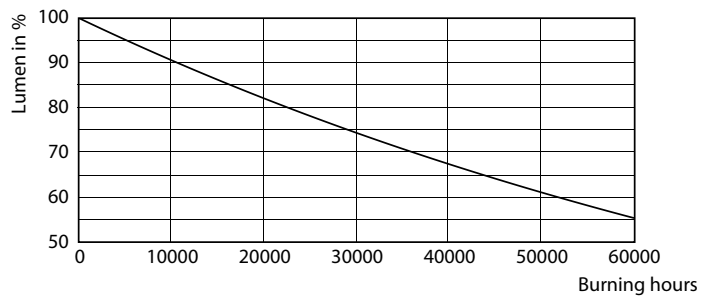
LEDtube COR SLR 8W 30K LifetimeVsTc-LED-LED



LEDtube COR SLR 8W 30K FailureRate-LED-LED

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## Lifetime



LEDtube 30K

