



CorePro LED tube Universal T8



CorePro LEDtube UN 600mm HO 8W865 T8

CorePro, LEDtube, T8, Universal, 600 mm, 8 W, 18W TL-D, 6500 K, 900 lm, CRI 80, 50000 h

CorePro, LEDtube, T8, Universal, 600 mm, 8 W, LED alternative to 18W TL-D, 6500 K, 900 lm, CRI 80, 50000 h, 112 lm/W, EEL E, G13, Glass, 600 mm, RGO, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap base	G13
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	240 degree(s)
Luminous Flux	900 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	112 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Photobiological safety according to EN 62471	RGO
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	8 W
Lamp current (nom.)	40 mA
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
LED alternative to fluorescent lamp power	18W TL-D
Inrush current at mains	4.4
Max. lamp no. on MCB B type 10A – Mains	176
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	242
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	20

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Max. lamp no. on MCB B type 16A – Mains	281
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	388
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	35
Ballast Compatibility	Universal

Temperature

T-Case maximum (nom.)	45 °C
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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	T8
Net Weight (Piece)	0.110 kg

Approval and Application

Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	1936626
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

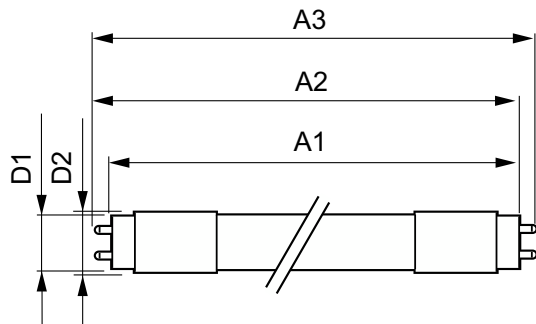
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	CorePro LEDtube UN 600mm HO 8W865 T8
Full product name	CorePro LEDtube UN 600mm HO 8W865 T8
Full EOC	871869978281800
Order code	929002420002
Material no. (12 NC)	929002420002
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699782818
Numerator – packs per outer box	10
EAN/UPC – Case	8718699782825

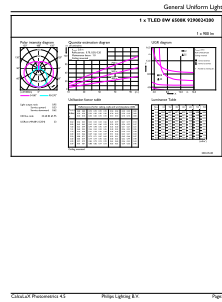
Dimensional drawing



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

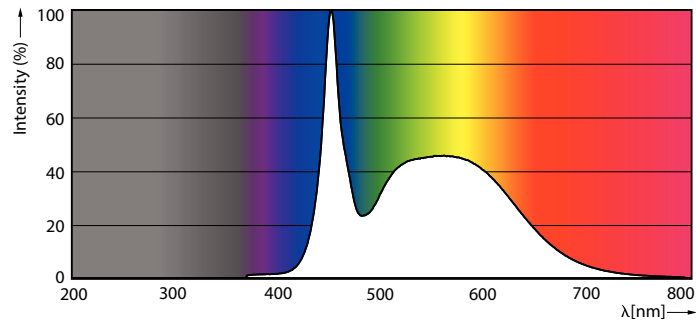
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Photometric data



Light Distribution Diagram - CorePro LEDtube UN 600mm HO 8W865 T8

General uniform lighting - CorePro LEDtube UN 600mm HO 8W865 T8

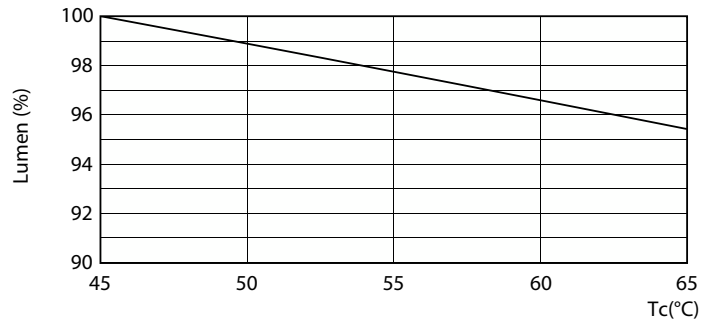


Spectral Power Distribution Colour - CorePro LEDtube UN 600mm HO 8W865 T8

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube UN 600mm HO 8W865 T8

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Lifetime



FailureRate

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LEDtube UN 600mm HO 8W865 T8

