PHILIPS

Lighting



Essential LED tubes T8 Mains

CorePro LEDtube 1200mm 18W 865 T8C W G

The Essential LEDtube is an affordable LED solution suitable for an easy replacement of T8 fluorescent lamps.Thanks to a unique design, Philips Essential LED tube T8 Mains can be directly installed in luminaires operating on mains power connection. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
RoHS mark	RoHS mark
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	50000X
B50L70	30000 h

Light Technical	
Color Code	865 [CCT of 6500K]
Luminous Flux (Rated) (Nom)	1850 lm
Correlated Color Temperature (Nom)	6500 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light
Power Factor (Nom)	0.92
Voltage (Nom)	100-240 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

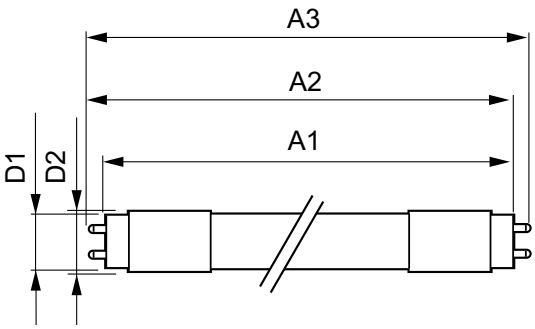
Essential LED tubes T8 Mains

Approval and Application	
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh

Product Data	
Full product code	871869668293701

Order product name	CorePro LEDtube 1200mm 18W 865 T8C W G
EAN/UPC - Product	8718696682937
Order code	929001194572
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001194572
Net Weight (Piece)	0.215 kg

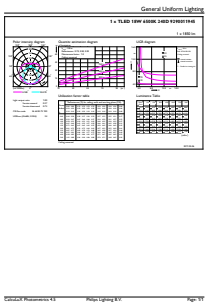
Dimensional drawing



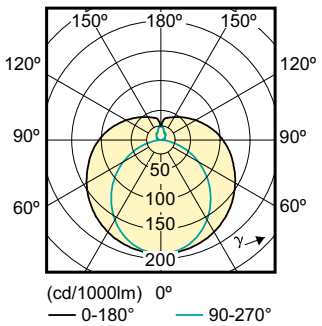
LEDtube 1200mm 18W/865 T8C WG

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 18W 865 T8C W G	25.6 mm	27.8 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



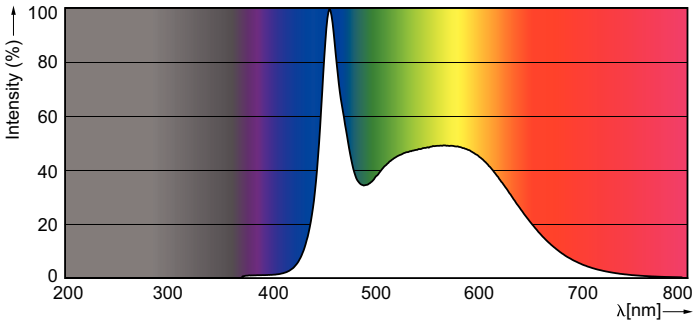
Essential LEDtube 18W G13 6500K 240D



LEDtube 1200mm 18 W T8 C W G

Essential LED tubes T8 Mains

Photometric data



LEDtube 1200mm 18 W /865 T8 C W G

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