



CorePro LED tube Universal T8

CorePro LEDtube UN 1200mm HO 18W840 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

Light Technical	
Colour Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2000 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	111.00 lm/W
Color Consistency	<6
Colour Rendering Index horiz (Nom)	80
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)	0.5 s
Power Factor (Nom)	0.97
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
T-Case Maximum (Nom)	65 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Material	Glass
Product Length	1200 mm

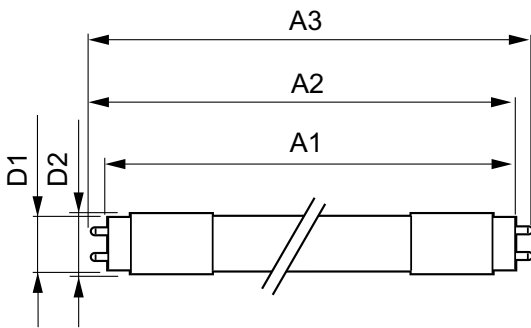
Approval and Application

Energy Efficiency Label	A+
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh

Product Data

Full product code	871869680168000
Order product name	CorePro LEDtube UN 1200mm HO 18W840 T8
EAN/UPC - Product	8718696801680
Order code	80168000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001869302
Net Weight (Piece)	0.270 kg

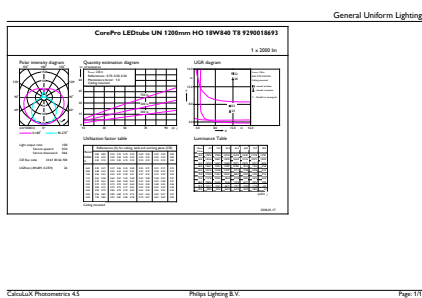
Dimensional drawing



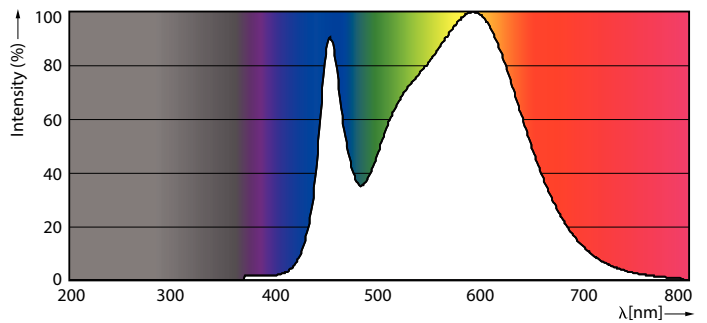
TLED 1200mm UNV16W-36W 2100lm 4000K

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W840 T8	27.9 mm	28 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



18W G13 840 4000K



18W G13

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Photometric data



18W G13 830 3000K

Lifetime



18W G13



18W G13



18W G13



18W G13

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Lifetime



18W G13

