



CorePro LED tube Universal T8



CorePro LEDtube UN 1500mm UO 23W830 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]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	3,200 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	139 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN 62471	RGO

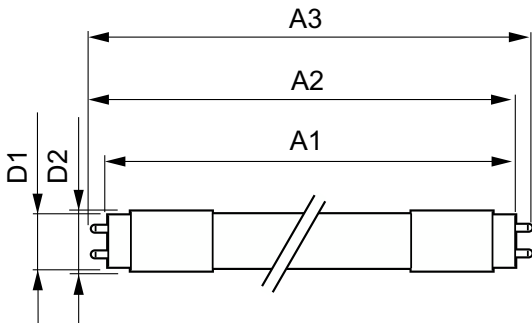
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	23 W
Lamp Current (Nom)	106 mA
Wattage Equivalent	58 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Voltage (Nom)	220 V

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LED alternative to fluorescent lamp power	58 W
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

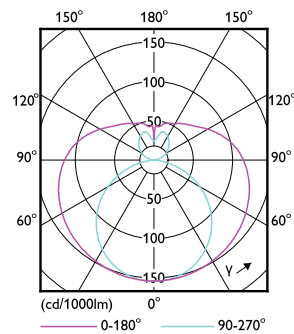
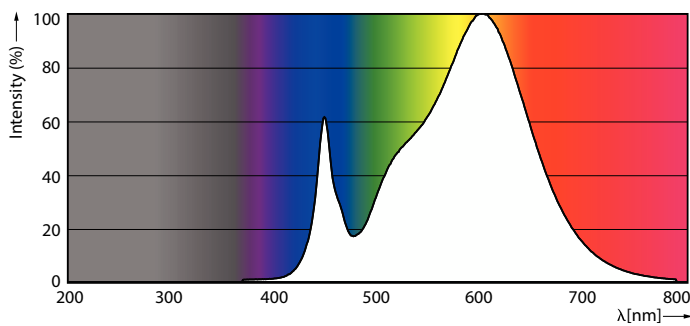
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1552696
Product Data	
Full product code	872016920002900
Order product name	CorePro LEDtube UN 1500mm UO 23W830 T8
Order code	929003648402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929003648402
Full product name	CorePro LEDtube UN 1500mm UO 23W830 T8
EAN/UPC - Case	8720169200036
EAN/UPC - Product/Case	8720169200029

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm UO 23W830 T8	26 mm	28 mm	1,500 mm	1,506 mm	1,514 mm

Photometric data

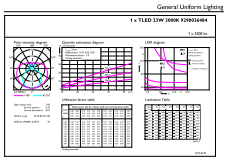


Spectral Power Distribution Colour - CorePro LEDtube UN 1500mm UO 23W830 T8

Light Distribution Diagram - CorePro LEDtube UN 1500mm UO 23W830 T8

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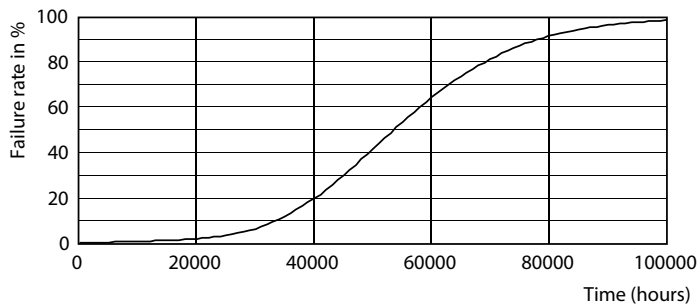
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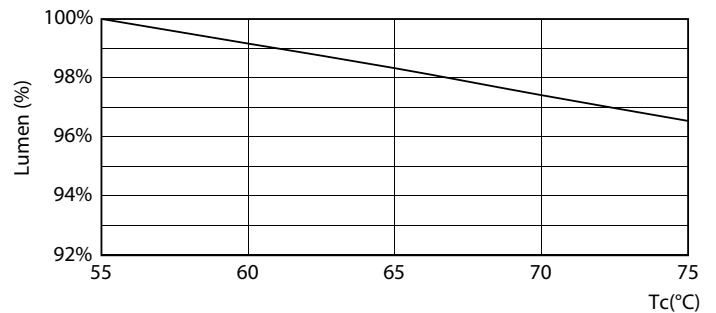
General uniform lighting - CorePro LEDtube UN 1500mm UO 23W830 T8

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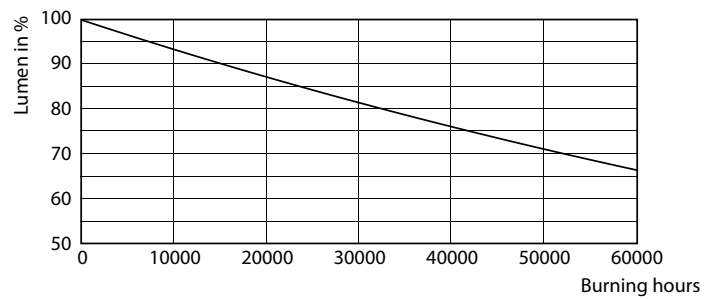
Lifetime



Life Expectancy Diagram - CorePro LEDtube UN 1500mm UO 23W830 T8



Lumen Maintenance Diagram - CorePro LEDtube UN 1500mm UO 23W830 T8



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Lifetime

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