



CorePro LED tube Universal T8



CorePro LEDtube UN 1500mm HO 23W865 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

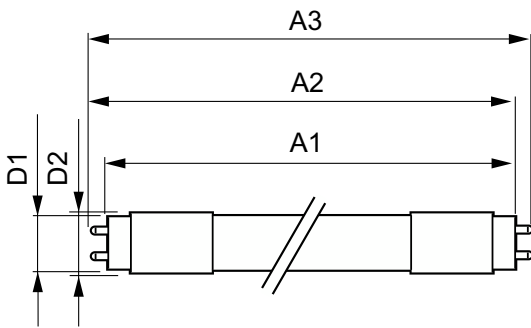
General Information		Color rendering index (CRI)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		80
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Flickering value (PstLM)	1
Lighting Technology	LED	Stroboscopic effect value (SVM)	0.9
Flux measurement reference	Sphere	Photobiological safety according to EN 62471	RGO
CE mark	Yes	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
Light Technical		Input Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Power Consumption	23 W
Beam Angle (Nom)	240 degree(s)	Lamp Current (Nom)	130 mA
Luminous Flux	2,700 lumen	Starting Time (Nom)	0.5 s
Color Designation	Cool Daylight	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	117 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6	LED alternative to fluorescent lamp power	58 W

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °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	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

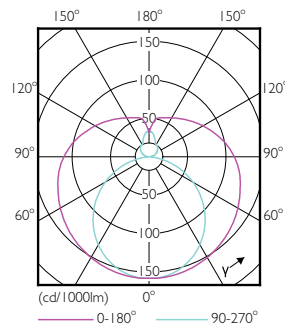
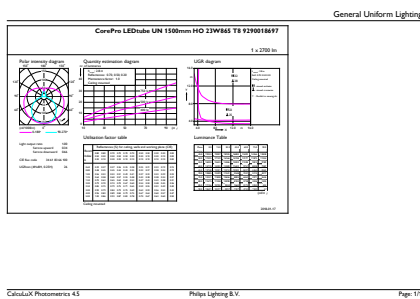
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1315792
Product Data	
Full product code	871869680176500
Order product name	CorePro LEDtube UN 1500mm HO 23W865 T8
Order code	929001869702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001869702
Full product name	CorePro LEDtube UN 1500mm HO 23W865 T8
EAN/UPC - Case	8718696801772
EAN/UPC - Product/Case	8718696801765

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm HO 23W865 T8	27.9 mm	28 mm	1,500 mm	1,505.9 mm	1,514.2 mm

Photometric data

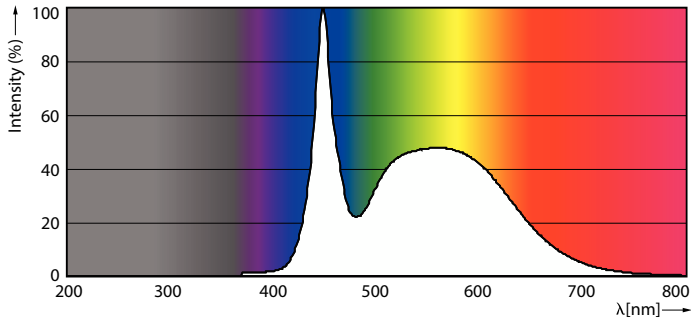


General uniform lighting - CorePro LEDtube UN 1500mm HO 23W865 T8

Light Distribution Diagram

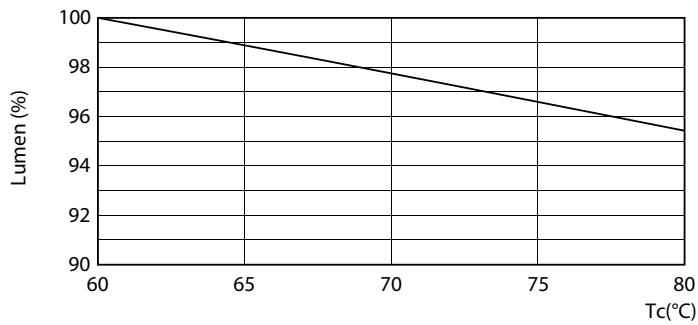
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Photometric data

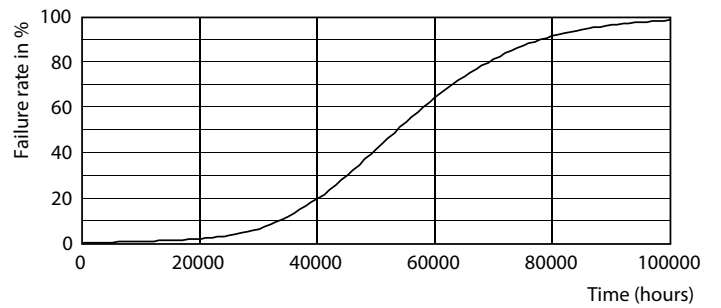


Spectral Power Distribution Colour - CorePro LEDtube UN 1500mm HO 23W865 T8

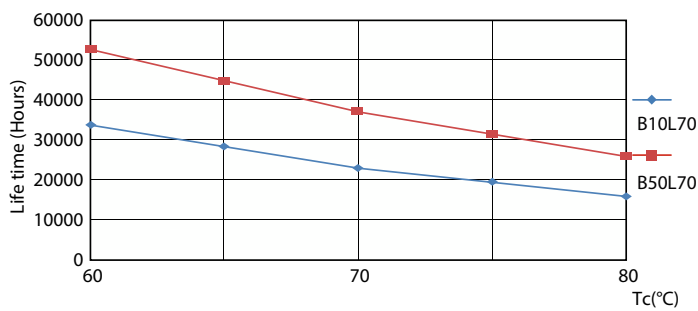
Lifetime



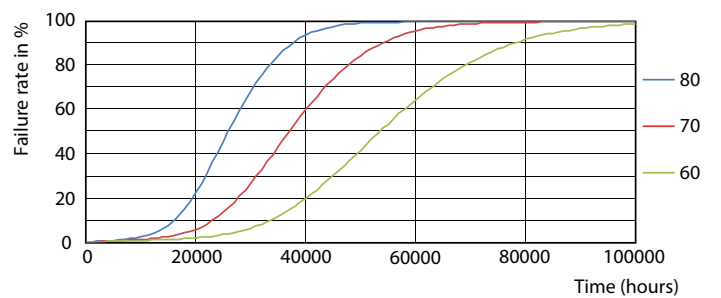
Lumen Maintenance Diagram



Life Expectancy Diagram - CorePro LEDtube UN 1500mm HO 23W865 T8



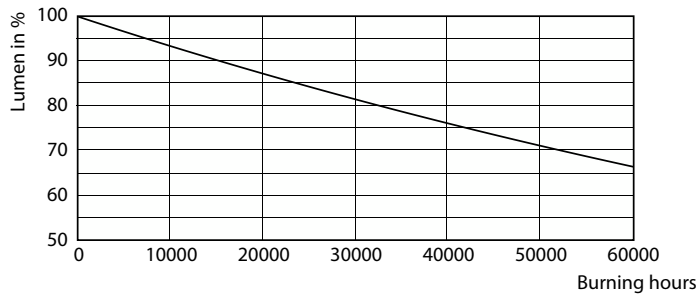
Life Expectancy Diagram - CorePro LEDtube UN 1500mm HO 23W865 T8



Life Expectancy Diagram - CorePro LEDtube UN 1500mm HO 23W865 T8

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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube UN 1500mm HO 23W865 T8

