



CorePro LED tube InstantFit HF T5



CorePro LEDtube HF 1200mm HE 17.1W 865T5

CorePro, LEDtube, T5, HF, 1200 mm, 17.1 W, 28W TL5 HE, 6500 K, 2500 lm, CRI 80, 50000 hour(s)

CorePro, LEDtube, T5, HF, 1200 mm, 17.1 W, LED alternative to 28W TL5 HE, 6500 K, 2500 lm, CRI 80, 50000 hour(s), 146 lm/W, EEL D, G5, Beam angle 200 degree(s), Glass, 1200 mm, RG0, SDCM 6, PF 0.9, IP20

Product data

General Information	
Cap-Base	G5
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	2,500 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	146 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

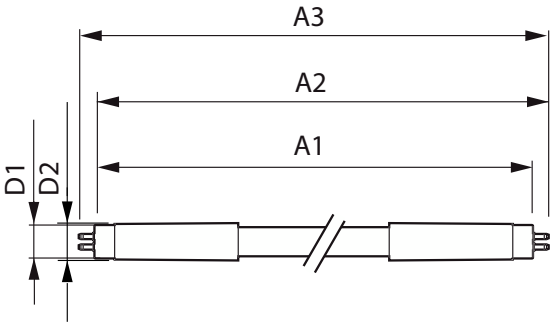
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Input Frequency	30K to 100K Hz
Power Consumption	17.1 W
Lamp Current (Max)	350 mA
Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	70-120 V
LED alternative to fluorescent lamp power	28W TL5 HE
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-

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Max. lamp no. on MCB B type 16A – Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	HF
Temperature	
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.160 kg
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	1880100
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	CorePro LEDtube HF 1200mm HE 17.1W 865T5
Full product name	CorePro LEDtube HF 1200mm HE 17.1W 865T5
Full product code	872016929550600
Order code	929003774602
Material Nr. (12NC)	929003774602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169295506
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169295513

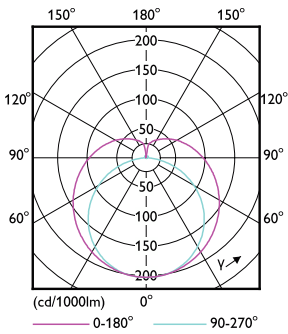
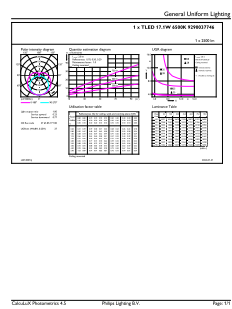
Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube HF 1200mm HE 17.1W 865T5	15.5 mm	16/19 mm	1,149 mm	1,156 mm	1,163 mm

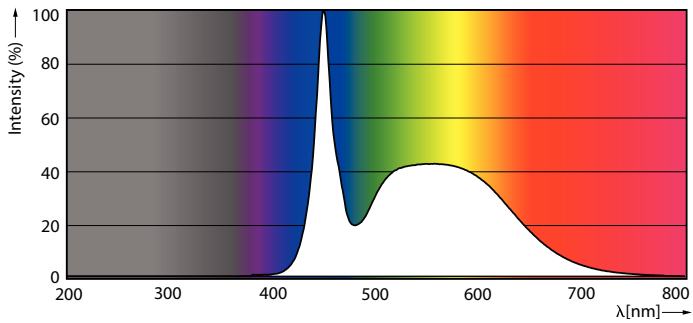
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Photometric data



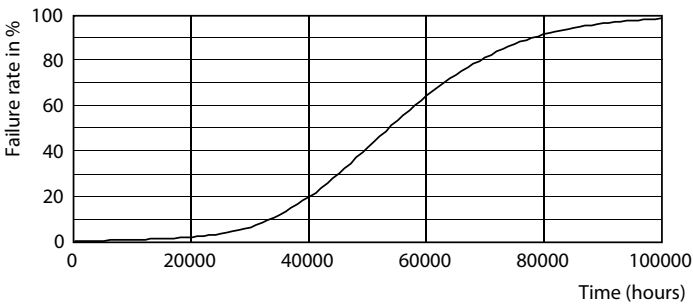
General uniform lighting - CorePro LEDtube HF 1200mm HE 17.1W 865T5

Light Distribution Diagram - CorePro LEDtube HF 1200mm HE 17.1W 865T5

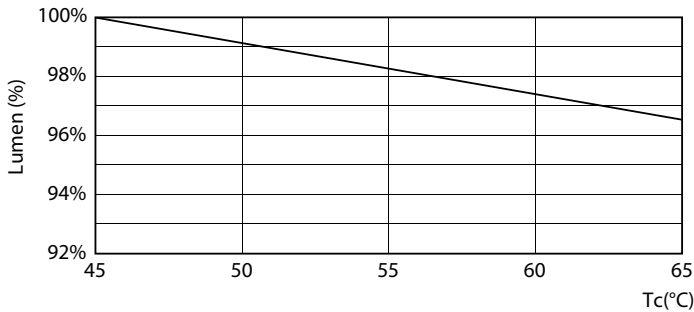


Spectral Power Distribution Colour - CorePro LEDtube HF 1200mm HE 17.1W 865T5

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube HF 1200mm HE 17.1W 865T5

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Lifetime



FailureRate

LifetimeVsTc



Lumen Maintenance Diagram - CorePro LEDtube HF 1200mm HE 17.1W 865T5

