



CorePro LED tube InstantFit HF T5



CorePro LEDtube HF 1500mm HE 20.5W 840T5

CorePro, LEDtube, T5, HF, 1500 mm, 20.5 W, 35W TL5 HE, 4000 K, 3000 lm, CRI 80, 50000 hour(s)

CorePro, LEDtube, T5, HF, 1500 mm, 20.5 W, LED alternative to 35W TL5 HE, 4000 K, 3000 lm, CRI 80, 50000 hour(s), 146 lm/W, EEL D, G5, Beam angle 200 degree(s), Glass, 1500 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	840 [CCT of 4000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	3,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	146 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

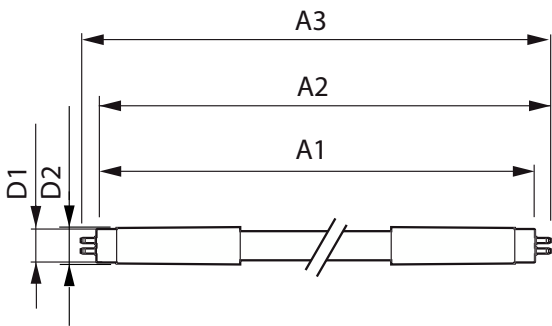
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Input Frequency	30K to 100K Hz
Power Consumption	20.5 W
Lamp Current (Max)	350 mA
Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	80-130 V
LED alternative to fluorescent lamp power	35W 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.	-

CorePro LED tube InstantFit HF T5

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	1,500 mm
Bulb Shape	T5
Net Weight (Piece)	0.196 kg
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	1880097
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 1500mm HE 20.5W 840T5
Full product name	CorePro LEDtube HF 1500mm HE 20.5W 840T5
Full product code	872016929554400
Order code	929003774802
Material Nr. (12NC)	929003774802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169295544
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169295551

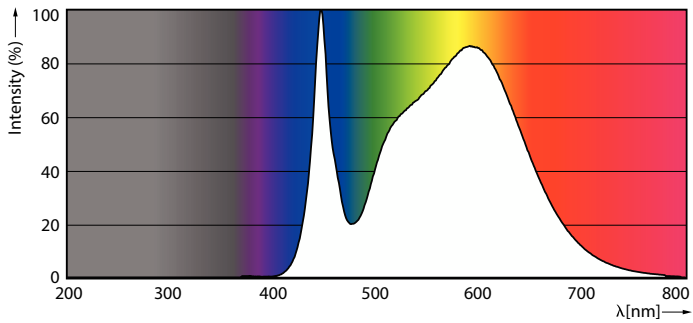
Dimensional drawing



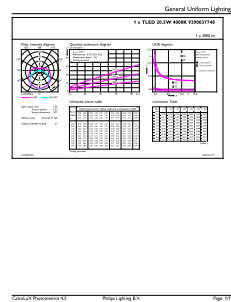
Product	D1	D2	A1	A2	A3
CorePro LEDtube HF 1500mm HE 20.5W 840T5	15.5 mm	16/19 mm	1,449 mm	1,456 mm	1,463 mm

CorePro LED tube InstantFit HF T5

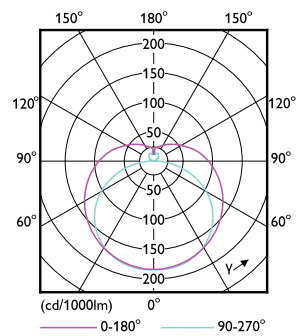
Photometric data



Spectral Power Distribution Colour - CorePro LEDtube HF 1500mm HE 20.5W 840T5

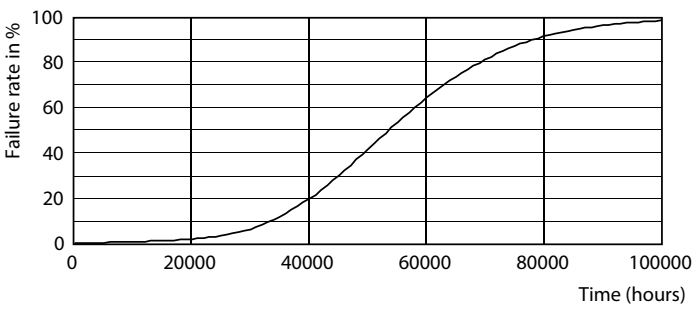


General uniform lighting - CorePro LEDtube HF 1500mm HE 20.5W 840T5

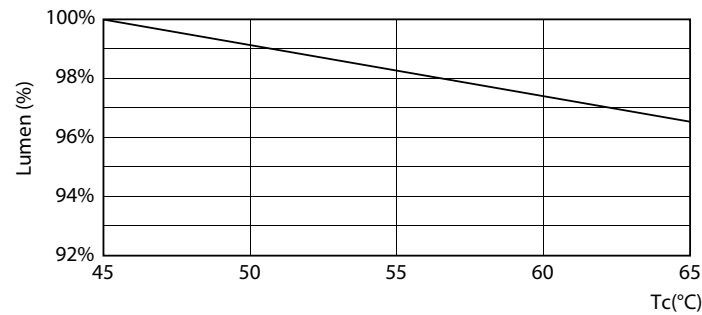


Light Distribution Diagram - CorePro LEDtube HF 1500mm HE 20.5W 840T5

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube HF 1500mm HE 20.5W 840T5

CorePro LED tube InstantFit HF T5

Lifetime



FailureRate



LifetimeVsTc

Lumen Maintenance Diagram - CorePro LEDtube HF 1500mm HE 20.5W 840T5

