



CorePro LEDtube InstantFit HF T5



CorePro LEDtube HF 1200mm HO 26.7W 840T5

CorePro, LEDtube, T5, HF, 1200 mm, 26.7 W, 54W TL5 HO, 4000 K, 3900 lm, CRI 80, 50000 h

CorePro LEDtube InstantFit HF T5 is the quick and easy way to replace T5 fluorescent tubes with a fast payback time. Designed with industry leading ballast compatibility, the product is ideal for your everyday lighting jobs. With simply plug-and-play installation, it improves energy efficiency immediately and lasts for longer than conventional T5.

Product data

General Information	
Cap base	G5
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	200 degree(s)
Luminous Flux	3,900 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	146 lm/W
Colour consistency	<6

Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Input frequency	30 K to 60 K Hz
Power Consumption	26.7 W
Lamp current (max.)	620 mA
Lamp current (min.)	300 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	20-90 V
LED alternative to fluorescent lamp power	54W TL5 HO
Inrush current at mains	-
Max. lamp no. on MCB B type 10A — Mains	-

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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.	-
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
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1,200 mm
Bulb shape	T5
Net Weight (Piece)	0.160 kg

Approval and Application

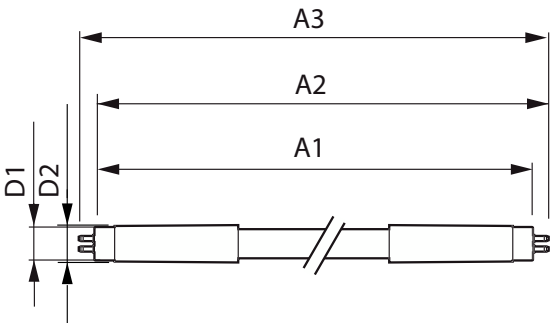
Energy Efficiency Class	D
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Energy-saving product	Yes
Approval marks	RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	27 kWh
EPREL Registration Number	1857691
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

Product Data

Order product name	CorePro LEDtube HF 1200mm HO 26.7W 840T5
Full product name	CorePro LEDtube HF 1200mm HO 26.7W 840T5
Full EOC	872016929560500
Order code	929003775102
Material no. (12 NC)	929003775102
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169295605
Numerator – packs per outer box	10
EAN/UPC – Case	8720169295612

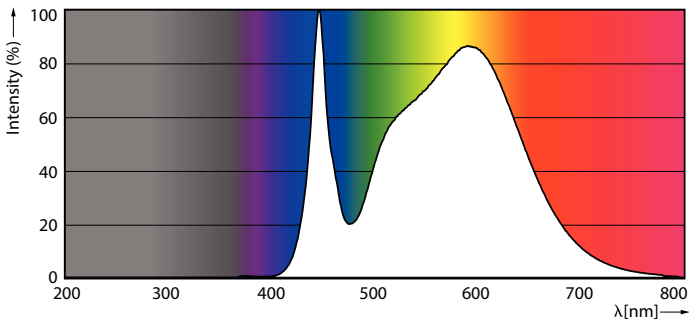
Dimensional drawing



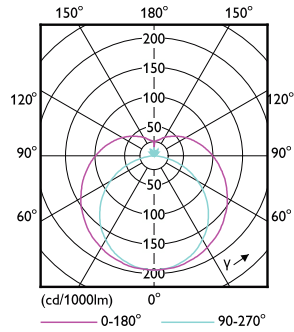
Product	D1	D2	A1	A2	A3
CorePro LEDtube HF 1200mm HO 26.7W 840T5	15.5 mm	16/19 mm	1,149 mm	1,156 mm	1,163 mm

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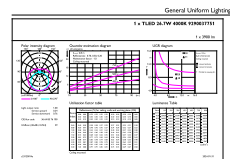
Photometric data



Spectral Power Distribution Colour - CorePro LEDtube HF 1200mm HO 26.7W 840T5



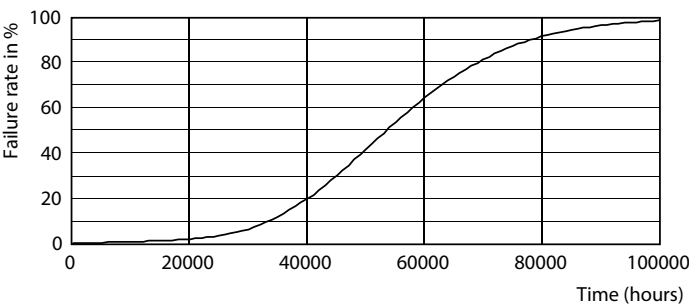
Light Distribution Diagram - CorePro LEDtube HF 1200mm HO 26.7W 840T5



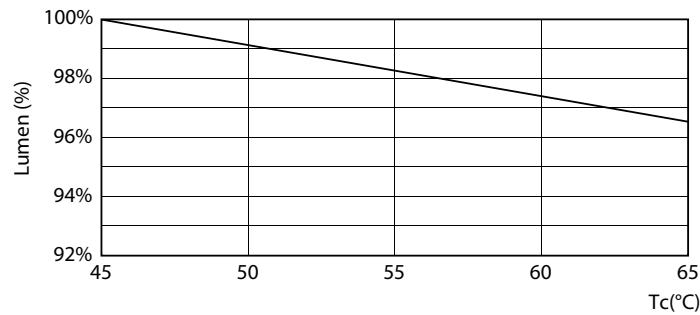
General Uniform Lighting

General uniform lighting - CorePro LEDtube HF 1200mm HO 26.7W 840T5

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDtube HF 1200mm HO 26.7W 840T5

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Lifetime



FailureRate



LifetimeVsTc

Lumen Maintenance Diagram - CorePro LEDtube HF 1200mm HO 26.7W 840T5

