CorePro LEDtube InstantFit HF T5

CorePro LEDtube HF 1200mm HO 26.7W 840T5

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 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical

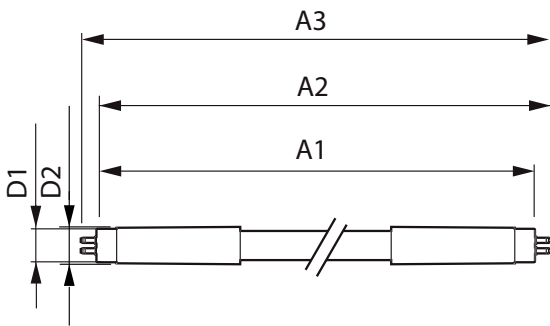|	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	3,900 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	146 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Input Frequency	30K to 60K 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
Ballast Compatibility	HF
LED alternative to fluorescent lamp power	54 W
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.	–
Max. lamp no. on MCB B type 16A – Mains	–
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	–

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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	–		**Energy Consumption kWh/1000 h**	27 kWh
			EPREL Registration Number	1857691
Temperature			**CE mark**	Yes
T–Case Maximum (Nom)	45 °C		**EU RoHS compliant**	Yes
			Ambient temperature range	–20 to +45 °C
Controls and Dimming				
Dimmable	No		**Product Data**	
			Order product name	CorePro LEDtube HF 1200mm HO 26.7W 840T5
Mechanical and Housing			**Full product name**	CorePro LEDtube HF 1200mm HO 26.7W 840T5
Bulb Finish	Frosted			
Bulb Material	Glass		**Full product code**	872016929560500
Product Length	1,200 mm		**Order code**	929003775102
Bulb Shape	T5		**Material Nr. (12NC)**	929003775102
Net Weight (Piece)	0.160 kg		**Numerator – Quantity Per Pack**	1
			EAN/UPC – Product/Case	8720169295605
Approval and Application			**Numerator – Packs per outer box**	10
Energy Efficiency Class	D		**EAN/UPC – Case**	8720169295612
Energy Saving Product	Yes			
Approval Marks	RoHS compliance KEMA Keur certificate			

Dimensional drawing

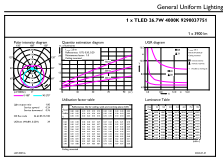| Product	D1	D2	A1	A2	A3
CorePro LEDtube HF 1200mm HO 26.7W 840T5	15.5 mm	16/19 mm	1,149 mm	1,156 mm	1,163 mm

Photometric data
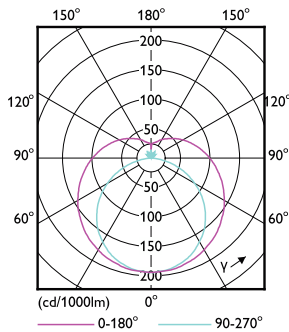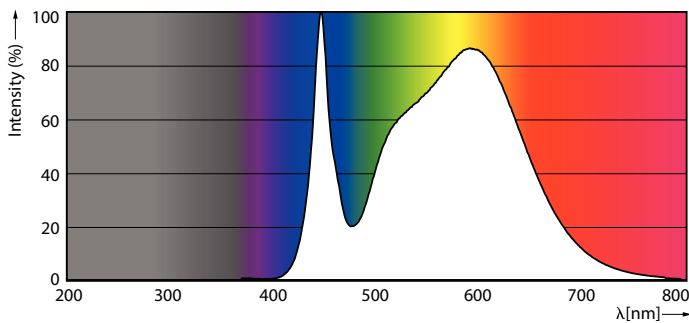
Spectral Power Distribution Colour – CorePro LEDtube HF 1200mm HO 26.7W 840T5

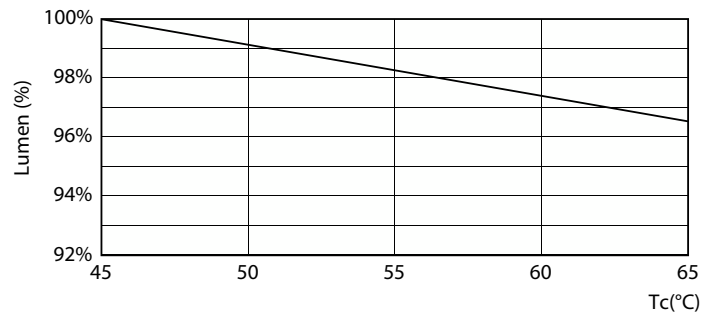Light Distribution Diagram – CorePro LEDtube HF 1200mm HO 26.7W 840T5

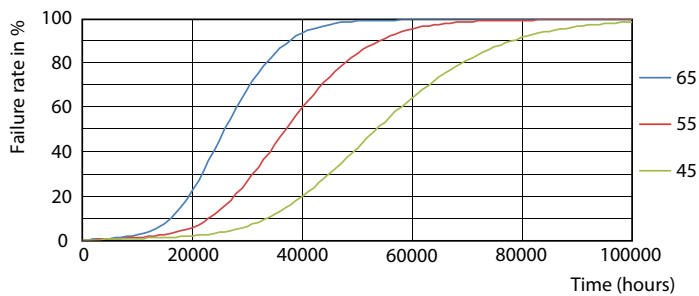# CorePro LEDtube InstantFit HF T5

Photometric data

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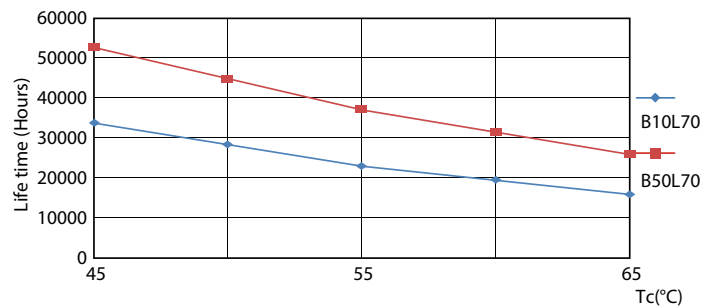
Lifetime

Life Expectancy Diagram

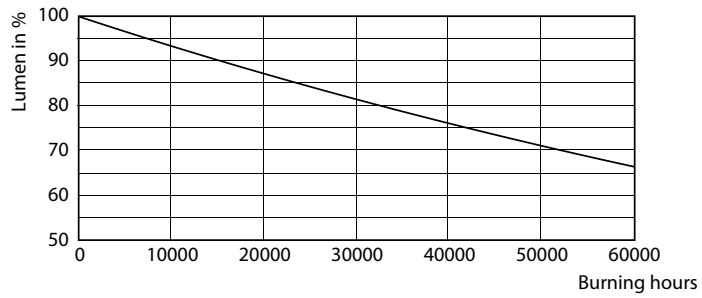Lumen Maintenance Diagram – CorePro LEDtube HF 1200mm HO 26.7W 840T5

FailureRate

LifetimeVsTc

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Lifetime

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

www.lighting.philips.com

2025, March 17 – data subject to change