



# CorePro LEDtube 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 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		Colour rendering index (CRI)	
Cap base	G5		80
Nominal lifetime	50,000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching Cycle	50,000	Photobiological safety according to EN 62471	RG0
Lighting Technology	LEDtube	Operating and Electrical	
Flux measurement reference	Sphere	Input frequency	30 K to 100 K Hz
Warranty period	3 years	Power Consumption	20.5 W
Light Technical		Lamp current (max.)	350 mA
Colour Code	840 [CCT of 4000K]	Lamp current (min.)	150 mA
Beam angle (nom.)	200 degree(s)	Starting time (nom.)	0.5 s
Luminous Flux	3,000 lm	Warm-up time to 60% light	0.5 s
Colour designation	Cool White (CW)	Power Factor (Fraction)	0.9
Correlated Colour Temperature (Nom)	4000 K	Voltage (nom.)	80-130 V
Luminous efficacy (rated) (nom.)	146 lm/W	LED alternative to fluorescent lamp power	35W TL5 HE
Colour consistency	<6	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	1,500 mm
Bulb shape	T5
Net Weight (Piece)	0.196 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	21 kWh
EPREL Registration Number	1880097
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

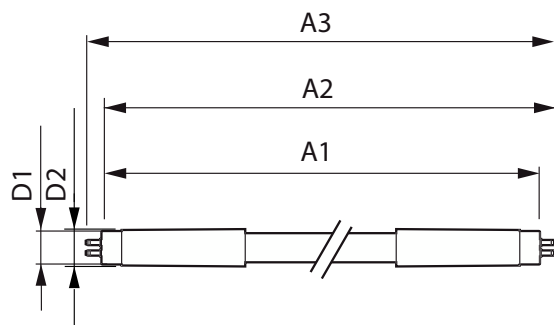
## Application Conditions

Wireless Technology	Not applicable
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## 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 EOC	872016929554400
Order code	929003774802
Material no. (12 NC)	929003774802
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169295544
Numerator – packs per outer box	10
EAN/UPC – Case	8720169295551

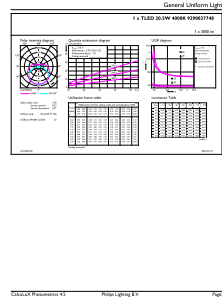
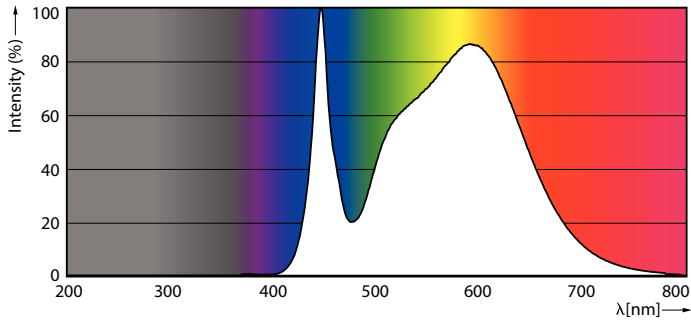
## Dimensional drawing



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

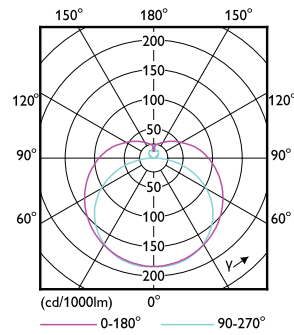
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## Photometric data



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

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

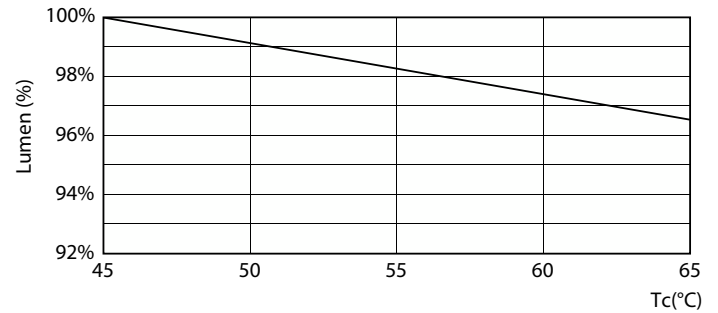


Light Distribution Diagram - CorePro LEDtube HF 1500mm HE 20.5W 840T5

## Lifetime



Life Expectancy Diagram



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

# CorePro LEDtube InstantFit HF T5

## Lifetime



FailureRate

LifetimeVsTc



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

