



CorePro LEDtube InstantFit HF T5



CorePro LEDtube HF 1500mm HO 26.7W 865T5

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

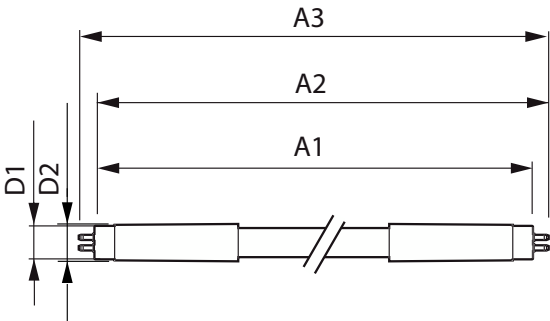
General Information		Operating and Electrical	
Cap base	G5	Input frequency	20 K to 140 K Hz
Nominal lifetime	50,000 h	Power Consumption	26.7 W
Switching Cycle	50,000	Lamp current (max.)	420 mA
Lighting Technology	LED	Lamp current (min.)	150 mA
Flux measurement reference	Sphere	Starting time (nom.)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Colour Code	865 [CCT of 6500K]	Power Factor (Fraction)	0.9
Beam angle (nom.)	200 degree(s)	Voltage (nom.)	60-120 V
Luminous Flux	3,900 lm	LED alternative to fluorescent lamp power	49 W
Luminous efficacy (rated) (nom.)	146 lm/W	Inrush current at mains	-
Colour designation	Cool Daylight	Max. lamp no. on MCB B type 10A — Mains	-
Correlated Colour Temperature	6500 K	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Colour consistency	<6	Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Colour rendering index (CRI)	80	Max. lamp no. on MCB B type 16A — Mains	-
LLMF at end of nominal lifetime (nom.)	70 %	Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Photobiological safety according to EN 62471	RG0		

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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	HF
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case maximum (nom.)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1,500 mm
Bulb shape	T5
Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance KEMA Keur certificate

Energy consumption kWh/1,000 hours	27 kWh
EPREL registration number	1857689
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Order product name	CorePro LEDtube HF 1500mm HO 26.7W 865T5
Full product name	CorePro LEDtube HF 1500mm HO 26.7W 865T5
Full EOC	872016929568100
Order code	29568100
Material no. (12 NC)	929003775502
Numerator – quantity per pack	1
Net Weight (Piece)	0.196 kg
EAN/UPC – Product/Case	8720169295681
Numerator – packs per outer box	10
EAN/UPC – Case	8720169295698

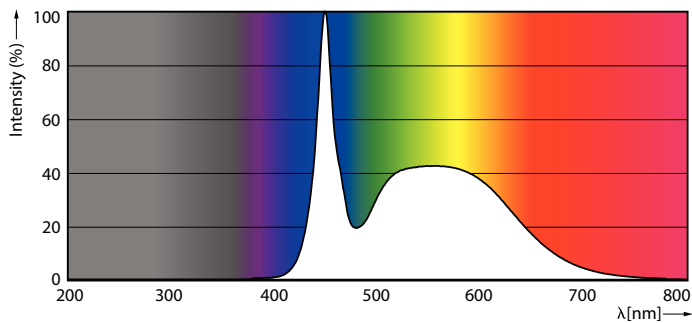
Dimensional drawing



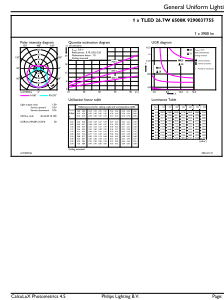
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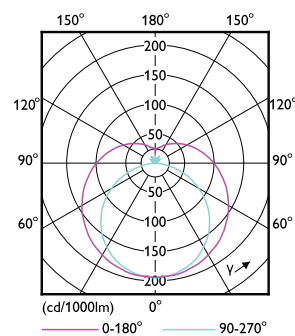
Photometric data



**Spectral Power Distribution Colour - CorePro LEDtube HF 1500mm HO
26.7W 865T5**

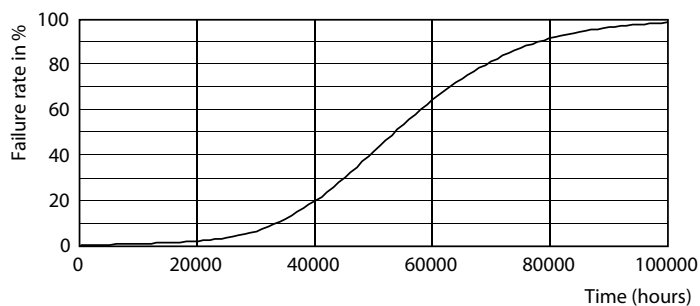


General uniform lighting - CorePro LEDtube HF 1500mm HO 26.7W 865T5

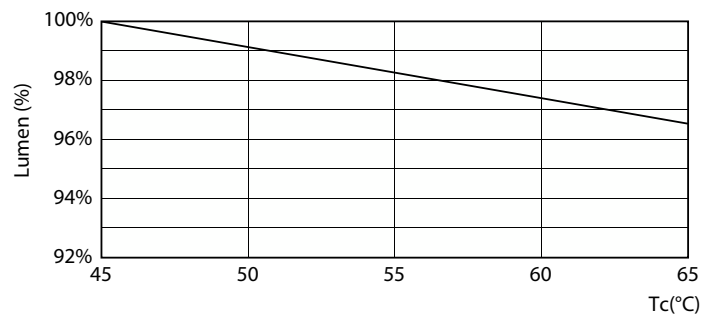


Light Distribution Diagram - CorePro LEDtube HF 1500mm HO 26.7W 865T5

Lifetime



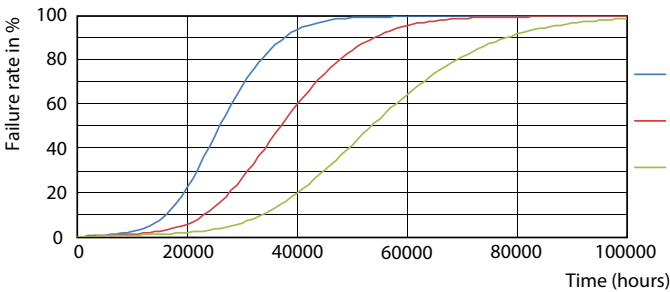
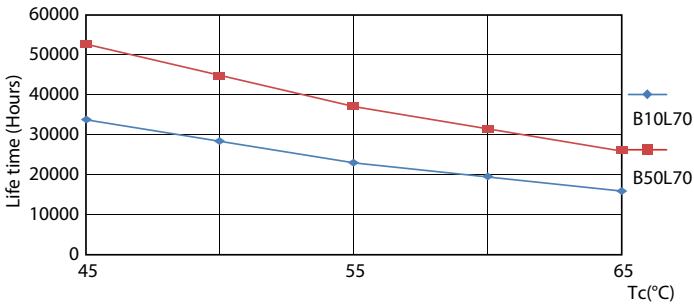
Life Expectancy Diagram



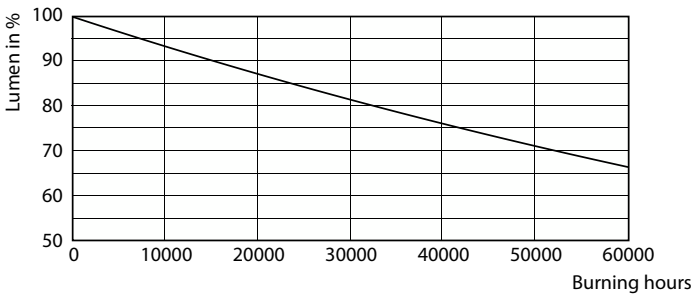
Lumen Maintenance Diagram - CorePro LEDtube HF 1500mm HO 26.7W 865T5

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Lifetime



FailureRate



LifetimeVsTc

Lumen Maintenance Diagram - CorePro LEDtube HF 1500mm HO 26.7W 865T5

