



MASTER LEDtube Mains T5



MASTER LEDtube 1500mm HO 26W 865 T5

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! . Perfectly safe, reliable & easy to install, the Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximise value over lifetime with high energy savings and lower maintenance costs.

Product data

General Information		Photobiological safety according to EN 62471	
Cap base	G5	RG0	
Nominal lifetime	50,000 h		
Switching Cycle	200,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Light Technical		Operating and Electrical	
Colour Code	865 [CCT of 6500K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	200 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	3,900 lm	Power Consumption	26 W
Colour designation	Cool Daylight	Lamp current (nom.)	125 mA
Correlated Colour Temperature (Nom)	6500 K	Starting time (nom.)	0.5 s
Luminous efficacy (rated) (nom.)	150 lm/W	Warm-up time to 60% light	0.5 s
Colour consistency	<6	Power Factor (Fraction)	0.92
Colour rendering index (CRI)	80	Voltage (nom.)	220-240 V
LLMF at end of nominal lifetime (nom.)	70 %	Ballast Compatibility	Mains
		LED alternative to fluorescent lamp power	49 W
		Inrush current at mains	20
		Max. lamp no. on MCB B type 10A — Mains	31
		Max. lamp no. on MCB B type 10A – EM ballast	-
		without Compensation Capacitor.	

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Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	50
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.	-

Temperature

T-Case maximum (nom.)	65 °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)	0.285 kg

Approval and Application

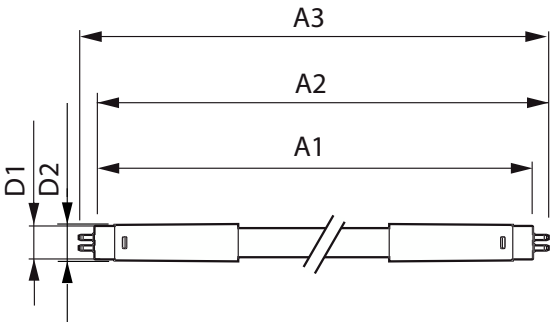
Energy Efficiency Class	D
Energy-saving product	Yes

Approval marks	RoHS compliance
Energy consumption kWh/1,000 hours	26 kWh
EPREL Registration Number	1476413
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

Product Data

Order product name	MAS LEDtube 1500mm HO 26W 865 T5
Full product name	MASTER LEDtube 1500mm HO 26W 865 T5
Full EOC	871869681933300
Order code	81933300
Material no. (12 NC)	929001909002
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696819333
Numerator – packs per outer box	10
EAN/UPC - Case	8718696819340

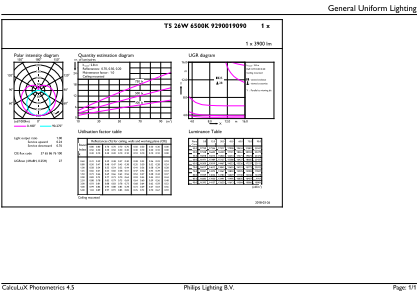
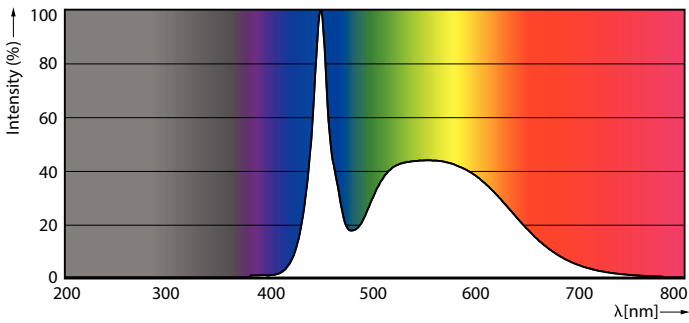
Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm HO 26W 865 T5	15.5 mm	17.1 mm	1,449 mm	1,456 mm	1,463 mm

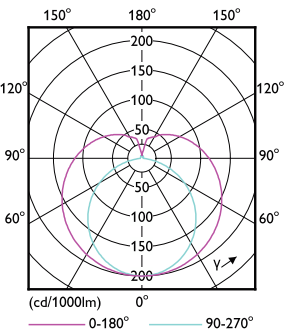
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Photometric data



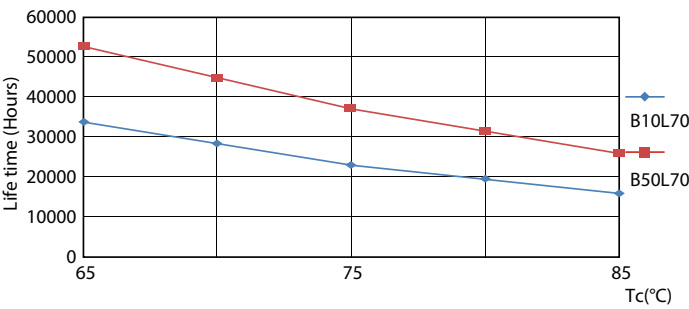
Spectral Power Distribution Colour - MAS LEDtube 1500mm HO 26W 865 T5

General uniform lighting - MAS LEDtube 1500mm HO 26W 865 T5

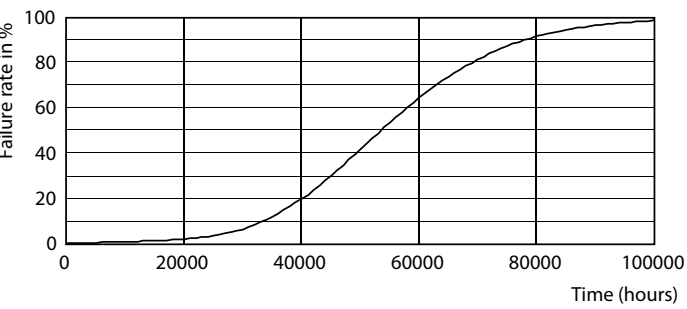


Light Distribution Diagram - MAS LEDtube 1500mm HO 26W 865 T5

Lifetime



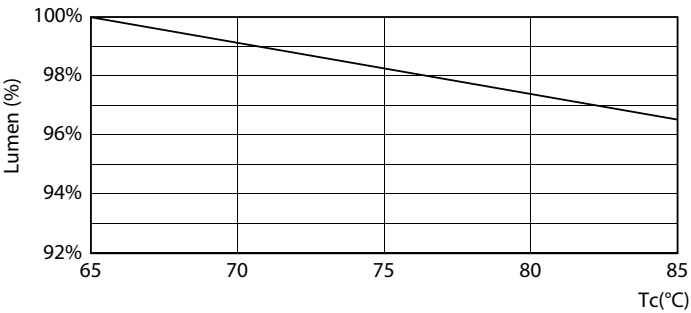
LifetimeVsTc



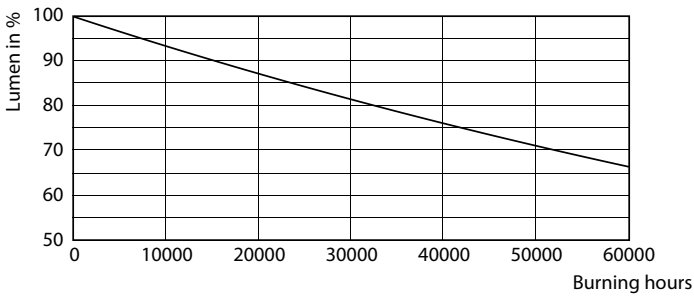
Life Expectancy Diagram

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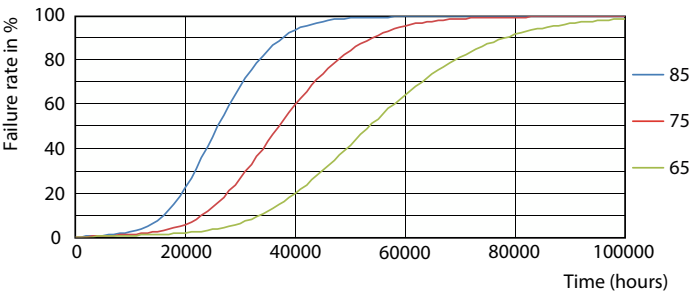
Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1500mm HO 26W 865 T5



Lumen Maintenance Diagram - MAS LEDtube 1500mm HO 26W 865 T5



FailureRate

