PHILIPS

Lighting

MASTER LEDtube InstantFit HF T5

Master LEDtube HF 1500mm HO 26W 865 T5

The Philips MASTER LEDtube integrates an LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescents. These T5 lighting tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings, thanks to low energy consumption and an exceptionally long lifetime, make these T5 LED tubes the choice for every demanding applications.

Product data

General Information	
Cap base	G5 [G5]
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	200 degree(s)
Luminous Flux	3,900 lm
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous efficacy (rated) (nom.)	150.00 lm/W
Colour consistency	<6
Colour rendering index (CRI)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Line Frequency	39000-60000 Hz
Input frequency	39000-60000 Hz
Power Consumption	26 W
Lamp current (max.)	415 mA
Lamp current (min.)	240 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	100-135 V

Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	45 °C

Controls and Dimming	
Dimmable	No

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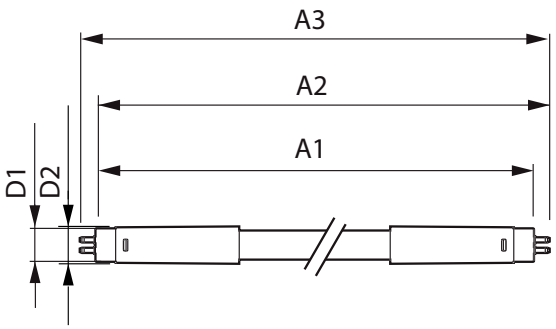
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	1,500 mm

Approval and Application	
Energy-saving product	Yes
Approval marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	31 kWh

Product Data	
Order product name	MAS LEDtube HF 1500mm HO 26W 865 T5

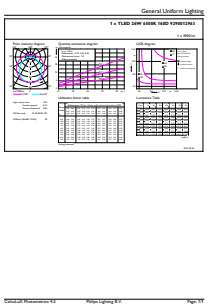
Full product name	Master LEDtube HF 1500mm HO 26W 865 T5
Full EOC	871869668556300
Order code	68556300
Material no. (12 NC)	929001296302
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696685563
Numerator – packs per outer box	10
EAN/UPC - Case	8718696685570

Dimensional drawing

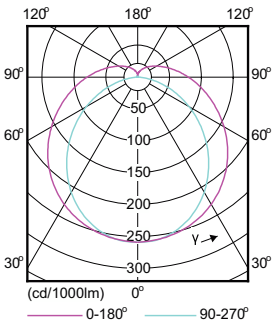


Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm HO 26W 865 T5	15.2 mm	21 mm	1,447.8 mm	1,454.9 mm	1,462 mm

Photometric data



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



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

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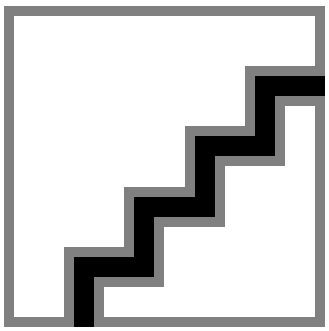
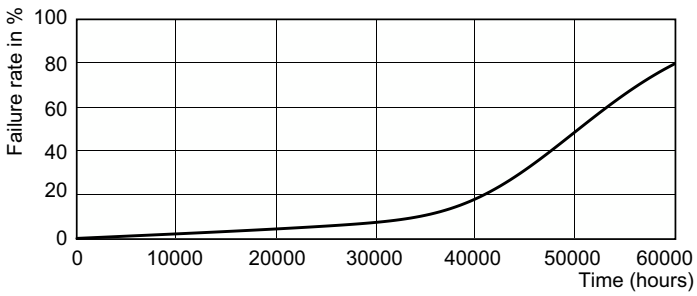
Photometric data

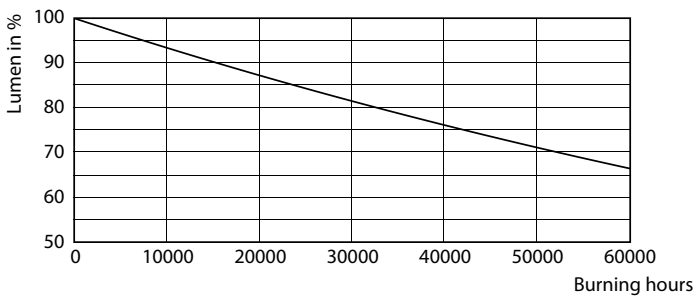


Spectral Power Distribution Colour - MAS LEDtube HF 1500mm HO 26W 865 T5

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 1500mm HO 26W 865 T5



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

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