PHILIPS

Lighting



MASTER LEDtube InstantFit HF T5

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Master LEDtube HF 1500mm UO 36W 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	60,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	5,600 lm
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous efficacy (rated) (nom.)	155 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80

LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Line Frequency	40000-75000 Hz
Input frequency	40000-75000 Hz
Power Consumption	36 W
Lamp current (max.)	750 mA
Lamp current (min.)	550 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	65-75 V

Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	75 °C

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Controls and Dimming	
Dimmable	No

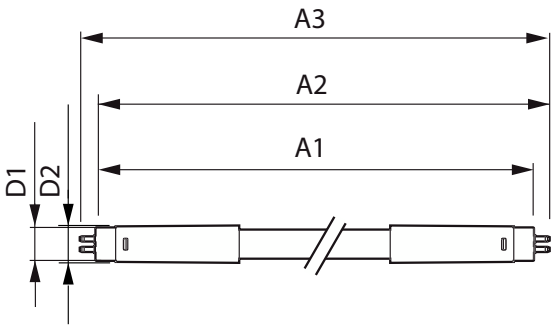
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Plastic
Product length	1,500 mm

Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	36 kWh

EPREL registration number	415183

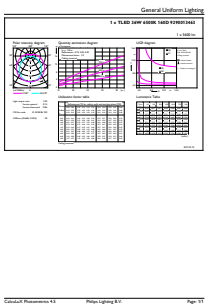
Product Data	
Order product name	MAS LEDtube HF 1500mm UO 36W 865 T5
Full product name	Master LEDtube HF 1500mm UO 36W 865 T5
Full EOC	871869670605300
Order code	70605300
Material no. (12 NC)	929001346302
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696706053
Numerator – packs per outer box	10
EAN/UPC - Case	8718696706060

Dimensional drawing

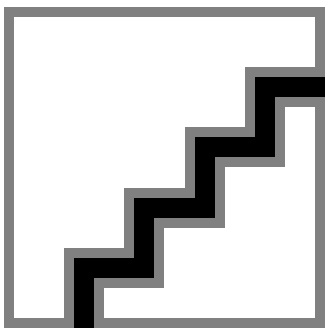


Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm UO 36W 865 T5	15.2 mm	21 mm	1,447.8 mm	1,454.9 mm	1,462 mm

Photometric data



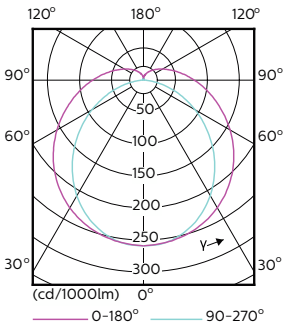
General uniform lighting - MAS LEDtube HF 1500mm UO 36W 865 T5



Spectral Power Distribution Colour - MAS LEDtube HF 1500mm UO 36W 865 T5

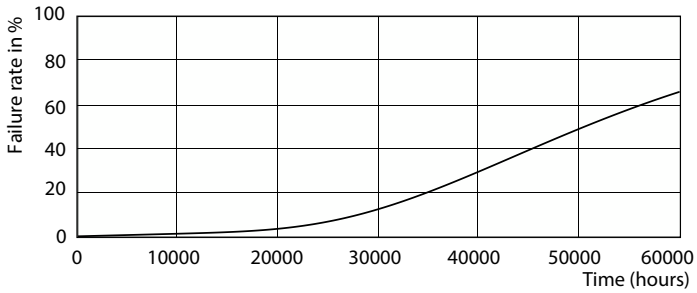
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Photometric data

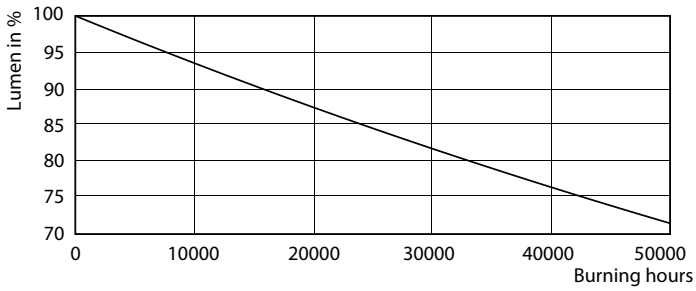


Light Distribution Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5

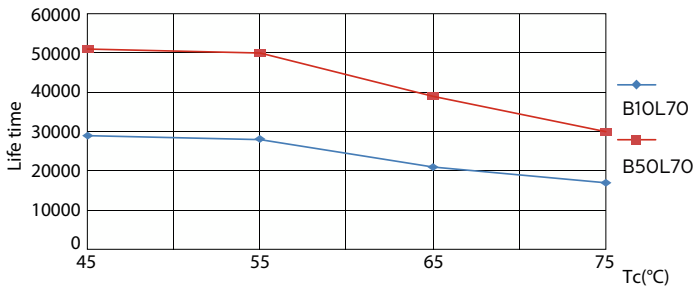
Lifetime



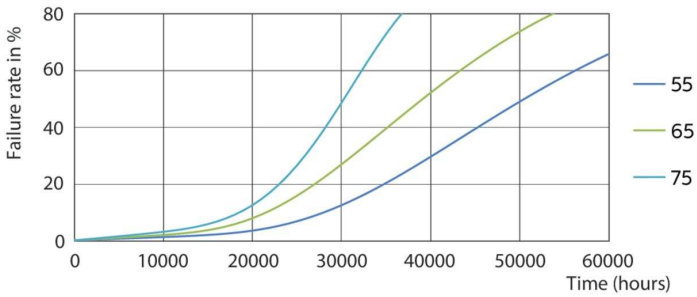
Life Expectancy Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5



Lumen Maintenance Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5



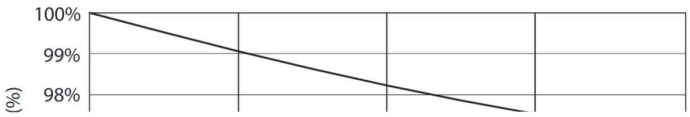
Life Expectancy Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5



Life Expectancy Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5

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Lifetime



Lumen Maintenance Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5

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