



MASTER LEDtube InstantFit HF T5

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

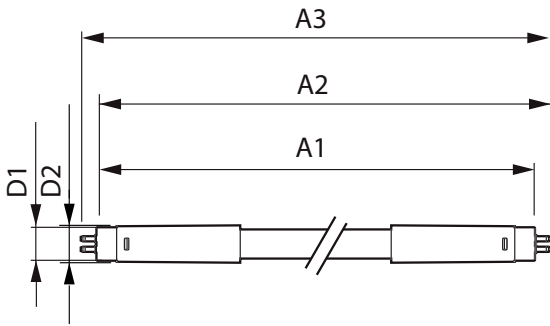
General information		Operating and electrical	
Cap base	G5 [G5]	Line Frequency	30K to 100K Hz
Nominal lifetime	60,000 h	Input frequency	30 K to 100 K Hz
Switching Cycle	50,000	Power Consumption	36 W
Lighting Technology	LED	Starting time (nom.)	0.5 s
Flux measurement reference	Sphere	Warm-up time to 60% light	0.5 s
Light technical		Power Factor (Fraction)	0.9
Colour Code	865 [CCT of 6500K]	Voltage (nom.)	55-85 V
Beam angle (nom.)	200 degree(s)	Temperature	
Luminous Flux	5,600 lm	T-Case maximum (nom.)	75 °C
Colour designation	Cool Daylight	Controls and dimming	
Correlated Colour Temperature	6500 K	Dimmable	Yes – Check ballast compatibility
Luminous Efficacy (rated) (Nom)	155.00 lm/W	Mechanical and housing	
Colour consistency	<6	Lamp Finish	Frosted
Colour rendering index (CRI)	80	Bulb material	Glass
LLMF at end of nominal lifetime (nom.)	70 %		

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Product length	1,500 mm
Bulb shape	Tube, double-ended
Approval and application	
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	989,224
CE mark	Yes
EU RoHS compliant	Yes

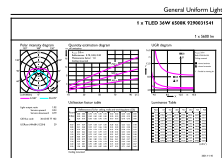
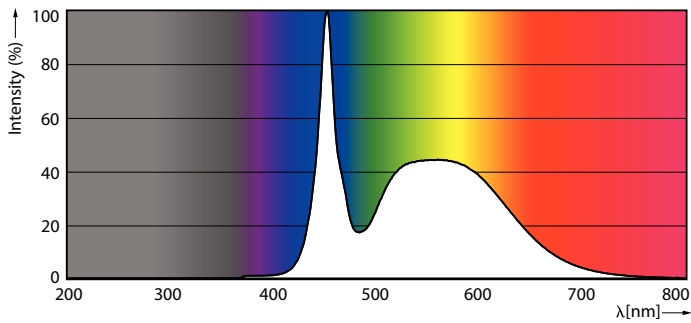
Product data	
Full EOC	871951441909400
Order product name	MAS LEDtube HF 1500mm UO 36W 865 T5
Order code	41909400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929003154102
Net weight	0.170 kg
Full product name	Master LEDtube HF 1500mm UO 36W 865 T5
EAN/UPC – Case	8719514419100

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm UO 36W 865 T5	15.5 mm	19 mm	1,449 mm	1,456 mm	1,463 mm

Photometric data

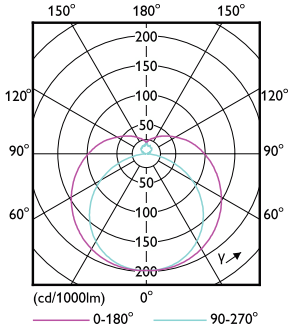


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Spectral Power Distribution Colour - MAS LEDtube HF 1500mm UO 36W 865 T5

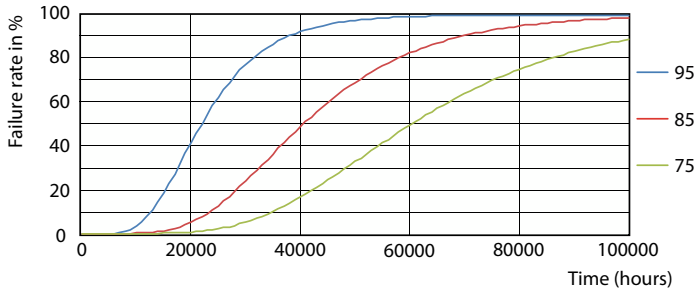
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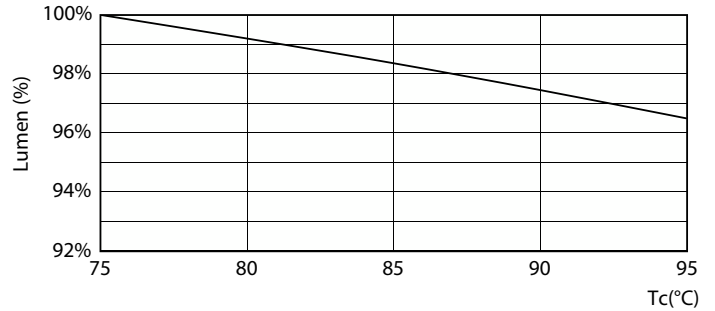


Light Distribution Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5

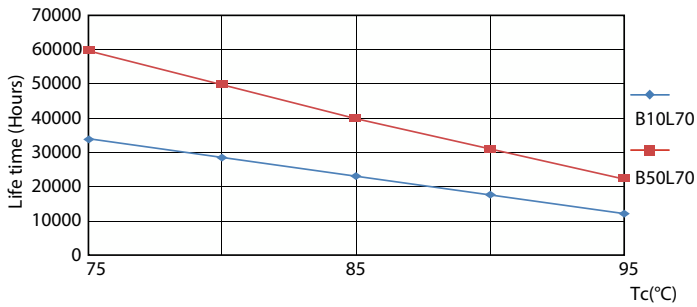
Lifetime



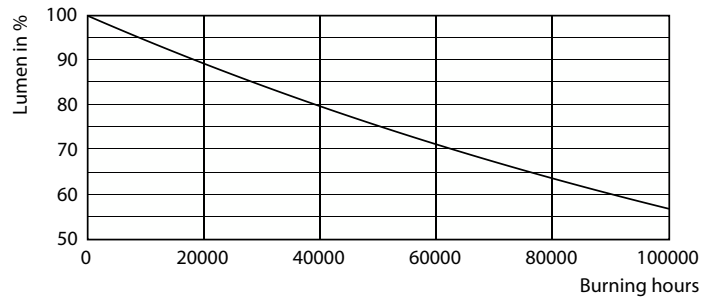
Life Expectancy Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5



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



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Lifetime



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