



MASTER LEDtube InstantFit HF T5



MAS LEDtube HF 1500mm UO 36W 830 T5

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. 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 application.

Product data

General Information	
Cap-Base	G5 [G5]
Nominal lifetime	60,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	5,200 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

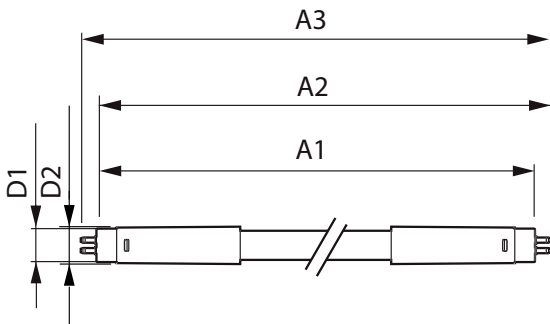
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO
Operating and Electrical	
Line Frequency	30K to 100K Hz
Input Frequency	30K to 100K Hz
Power Consumption	36 W
Lamp Current (Max)	850 mA
Lamp Current (Min)	450 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	55-85 V
LED alternative to fluorescent lamp power	80 W
Temperature	
Ambient temperature range	-20 °C to 45 °C

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T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	Yes - Check ballast compatibility
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	T5
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	36 kWh

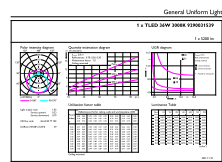
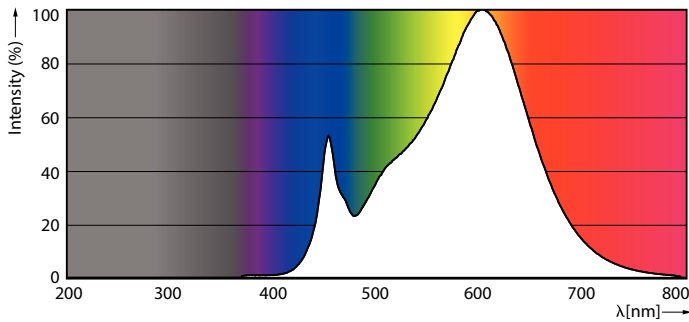
EPREL Registration Number	989222
Product Data	
Full product code	871951441905600
Order product name	MAS LEDtube HF 1500mm UO 36W 830 T5
Order code	929003153902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003153902
Full product name	MAS LEDtube HF 1500mm UO 36W 830 T5
EAN/UPC - Case	8719514419063
EAN/UPC - Product/Case	8719514419056

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm UO 36W 830 T5	15.5 mm	19 mm	1,449 mm	1,456 mm	1,463 mm

Photometric data

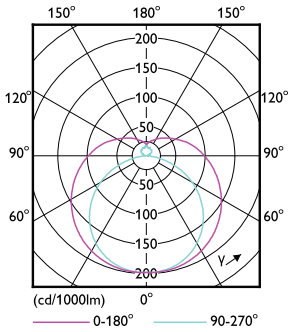


Spectral Power Distribution Colour - MAS LEDtube HF 1500mm UO 36W 830 T5

General uniform lighting - MAS LEDtube HF 1500mm UO 36W 830 T5

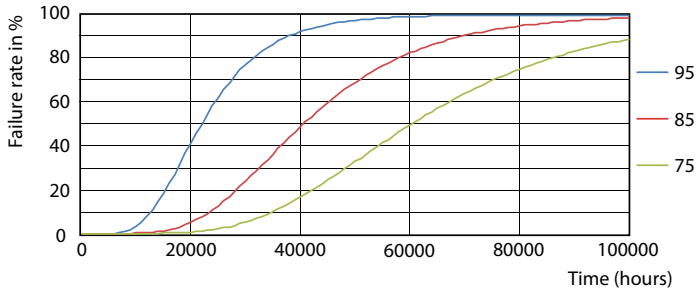
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Photometric data

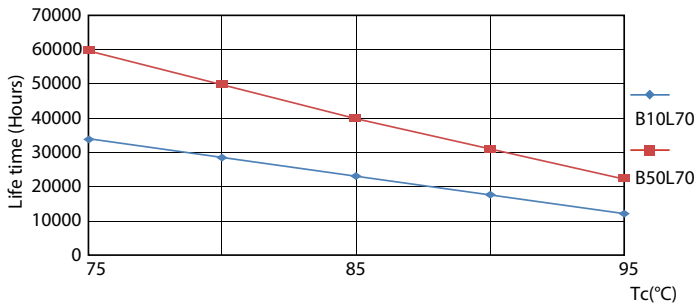


Light Distribution Diagram - MAS LEDtube HF 1500mm UO 36W 830 T5

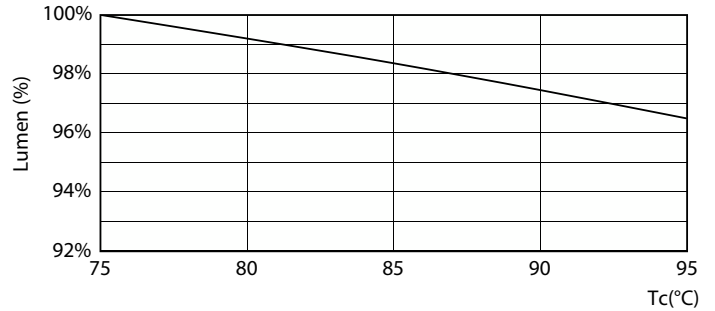
Lifetime



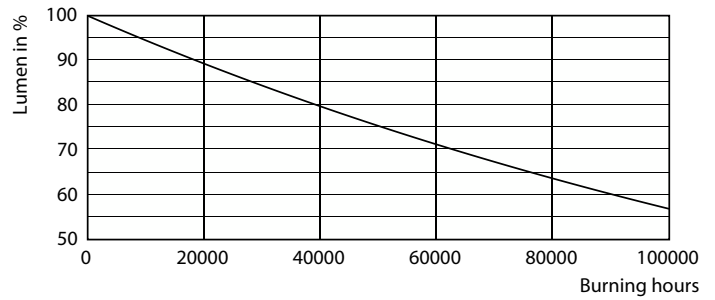
Life Expectancy Diagram - MAS LEDtube HF 1500mm UO 36W 830 T5



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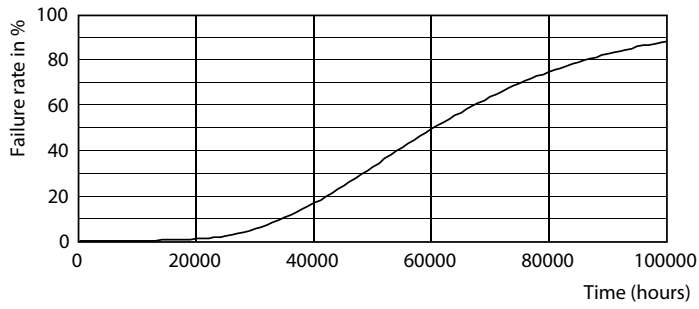
Lumen Maintenance Diagram - MAS LEDtube HF 1500mm UO 36W 830 T5



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Lifetime



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