



MASTER LEDtube InstantFit HF T5

Master LEDtube HF 1500mm UO 36W 865 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

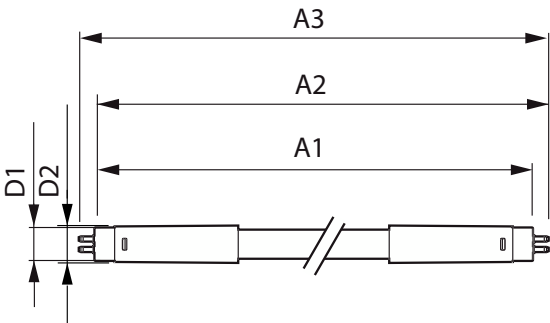
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G5 [G5]		
Nominal lifetime	60,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	Line Frequency	40000-75000 Hz
Beam Angle (Nom)	160 degree(s)	Input Frequency	40000-75000 Hz
Luminous Flux	5,600 lm	Power Consumption	36 W
Color Designation	Cool Daylight	Lamp Current (Max)	750 mA
Correlated Color Temperature (Nom)	6500 K	Lamp Current (Min)	550 mA
Luminous Efficacy (rated) (Nom)	155 lm/W	Starting Time (Nom)	0.5 s
Color Consistency	<6	Warm-up time to 60% light	0.5 s
Color rendering index (CRI)	80	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

MASTER LEDtube InstantFit HF T5

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,500 mm
Bulb Shape	T5
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	36 kWh

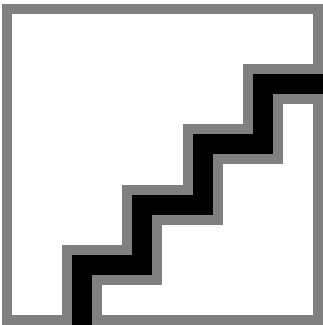
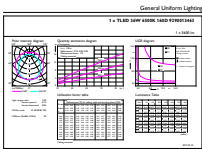
EPREL Registration Number	415183
Product Data	
Order product name	MAS LEDtube HF 1500mm UO 36W 865 T5
Full product name	Master LEDtube HF 1500mm UO 36W 865 T5
Full product code	871869670605300
Order code	70605300
Material Nr. (12NC)	929001346302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	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

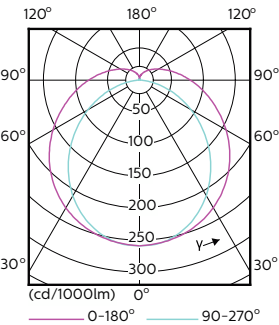


General uniform lighting - MAS LEDtube HF 1500mm UO 36W 865 T5

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

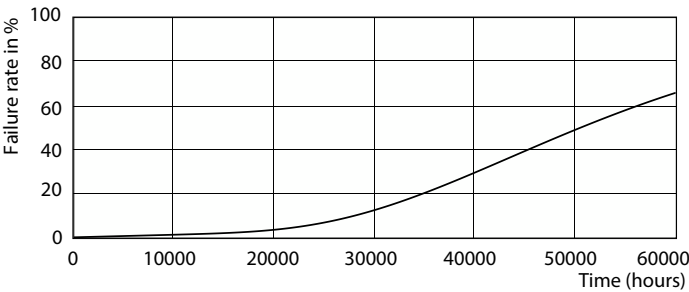
MASTER LEDtube InstantFit HF T5

Photometric data

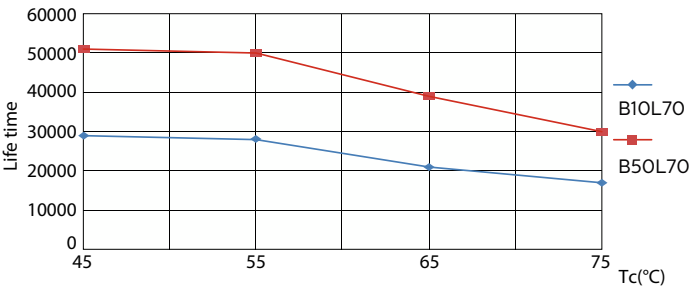


Light Distribution Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5

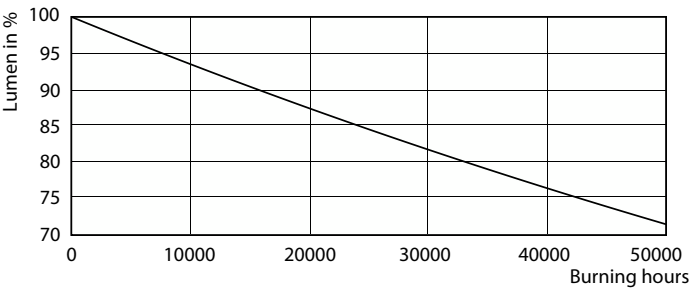
Lifetime



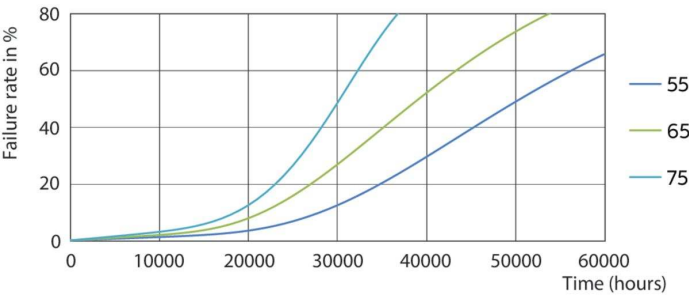
Life Expectancy Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5



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



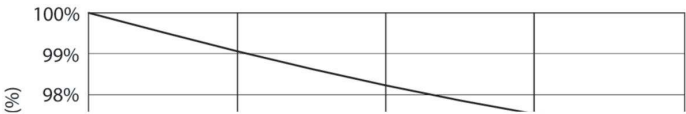
Lumen Maintenance Diagram - MAS LEDtube HF 1500mm UO 36W 865 T5



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

MASTER LEDtube InstantFit HF T5

Lifetime



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

