



MASTER LEDtube InstantFit HF T5

MAS LEDtube HF 900mm HE 11.5W 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

Operating and Electrical	
Line Frequency	30K to 100K Hz
Input Frequency	30K to 100K Hz
Power Consumption	11.5 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	60-100 V
General Information	
Cap-Base	G5 [G5]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime	60,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

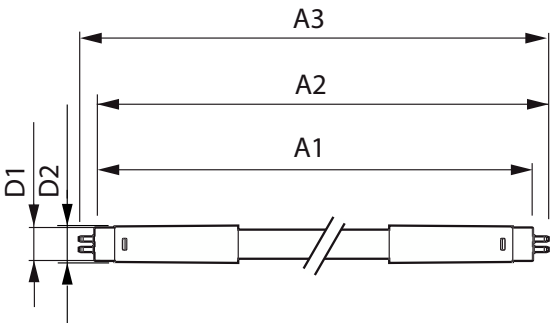
Brand	Philips
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,600 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	139 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C

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Controls and Dimming	
Dimmable	Yes - Check ballast compatibility
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	900 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/1000 h	12 kWh

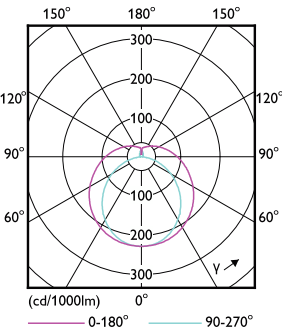
Product Data	
Full product code	872016916319500
Order product name	MAS LEDtube HF 900mm HE 11.5W 830 T5
Order code	929003596802
Local order code	MTHFT51190HE830
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929003596802
Net weight	0.115 kg
Full product name	MAS LEDtube HF 900mm HE 11.5W 830 T5
EAN/UPC - Case	8720169163201

Dimensional drawing

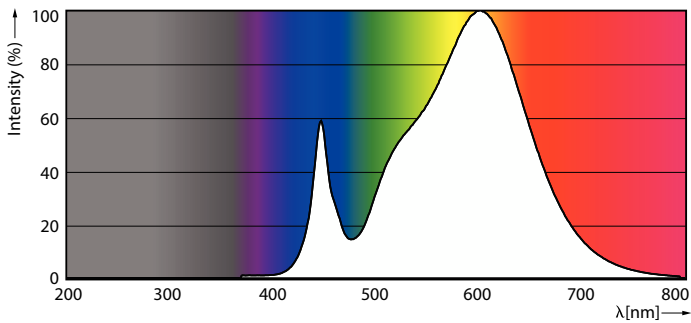


Product	D1	D2	A1	A2	A3
MAS LEDtube HF 900mm HE 11.5W 830 T5	15.5 mm	16/19 mm	849 mm	856 mm	863 mm

Photometric data



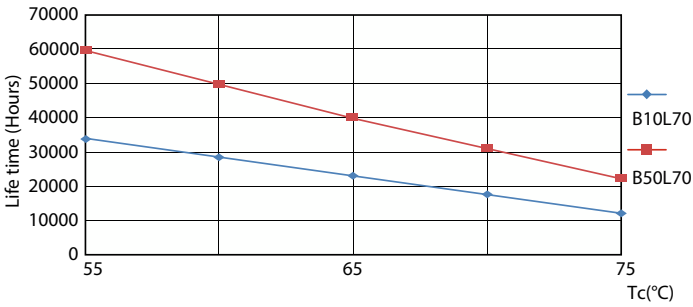
Light Distribution Diagram



Spectral Power Distribution Colour

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Lifetime



Life Expectancy Diagram

