



For top performance and sustainability

MASTER LEDtube InstantFit HF 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.

Benefits

- Absolute performance that provides a solution for every application
- Unparalleled savings with low energy consumption and long lifetime
- Robust and reliable: stands up to everyday conditions

Features

- Retrofit existing T5 lamps with HF ballast
- Compatible with a wide range of ballasts
- > 50% energy savings compared to fluorescent tubes with up to 155lm/W
- Extra-long life up to 60,000 hours
- Ultra output up to 5600lm
- No mercury

Application

- Office
- Schools
- Retail

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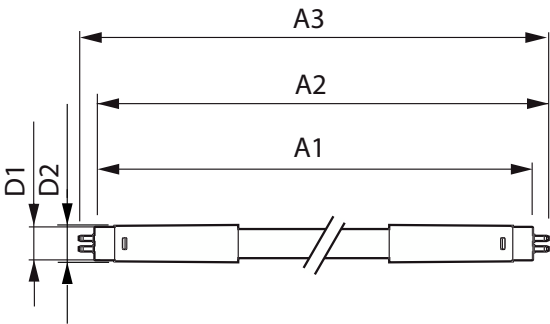
Versions



MAS LEDtube HF 1500mm 26W G5 T5 HO

LEDtube 1200mm 17W G5

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
MAS LEDtube HF 600mm HE 8W 865 T5	15.5 mm	18.8 mm	549 mm	556.1 mm	563.2 mm

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General Information	
Cap-Base	G5
Switching Cycle	50,000
Nominal lifetime	60,000 hour(s)
Light Technical	
Beam Angle (Nom)	200 degree(s)
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	80
Color Code	865
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	30K to 100K Hz
Line Frequency	30K to 100K Hz
Starting Time (Nom)	0.5 s
Temperature	
Ambient temperature range	-20 °C to 45 °C
Controls and Dimming	
Dimmable	Yes - Check ballast compatibility
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T5

Light Technical

Order Code	Full Product Name	Luminous Flux
929003154102	MAS LEDtube HF 1500mm UO 36W 865 T5	5,600 lm
929001390902	MAS LEDtube HF 600mm HE 8W 865 T5	1,050 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929003154102	MAS LEDtube HF 1500mm UO 36W 865 T5	36 W

Order Code	Full Product Name	Power Consumption
929001390902	MAS LEDtube HF 600mm HE 8W 865 T5	8 W

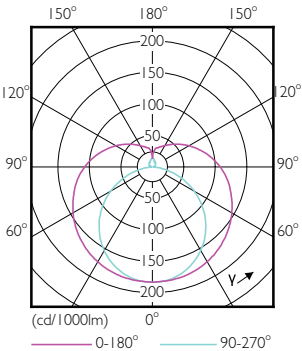
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003154102	MAS LEDtube HF 1500mm UO 36W 865 T5	75 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001390902	MAS LEDtube HF 600mm HE 8W 865 T5	65 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929003154102	MAS LEDtube HF 1500mm UO 36W 865 T5	36 kWh
929001390902	MAS LEDtube HF 600mm HE 8W 865 T5	8 kWh



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