



For top performance and sustainability

MASTER LEDtube InstantFit HF 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.

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 155 lm/W
- Extra-long life up to 60,000 hours
- Ultra output up to 5,600 lm
- No mercury

Application

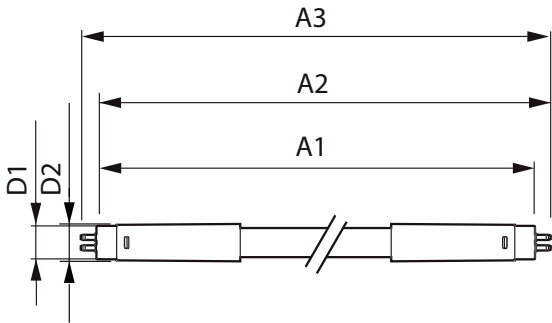
- Office
- Schools
- Retail

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Versions



Dimensional drawing



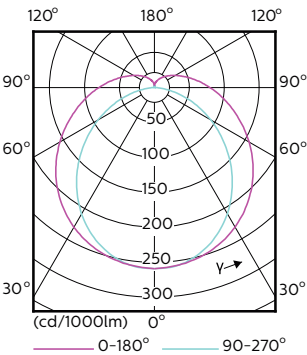
Product	D1	D2	A1	A2	A3
Master LEDtube HF 1500mm UO 36W 840 T5	15.2 mm	21 mm	1447.8 mm	1454.9 mm	1462 mm
Master LEDtube HF 1500mm UO 36W 865 T5	15.2 mm	21 mm	1447.8 mm	1454.9 mm	1462 mm

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Approval and application	
Energy Consumption kWh/1000 h	36 kWh
Controls and dimming	
Dimmable	No
Operating and electrical	
Input Frequency	40000-75000 Hz
Voltage (Nom)	65-75 V
Power (Nom)	36 W
Starting Time (Nom)	0.5 s
General information	
Cap-Base	G5
Nominal Lifetime (Nom)	60000 h
Switching Cycle	50000
Light technical	
Beam Angle (Nom)	160 °
Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux (Nom)	5600 lm
Mechanical and housing	
Bulb Finish	Frosted
Bulb Shape	Tube, double-ended
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	75 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

Light technical

		Correlated Colour Temperature	
Order Code	Full Product Name	Colour Code	(Nom)
929001346202	Master LEDtube HF 1500mm UO 36W 840 T5	840	4000 K
929001346302	Master LEDtube HF 1500mm UO 36W 865 T5	865	6500 K



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