



## MAS LEDtube HF 1200mm HO 26W 840 T5 OE

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				
Light Technical					
Color Code	840 [CCT of 4000K]				
Beam Angle (Nom)	200 degree(s)				
Luminous Flux	3,900 lumen				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	150 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

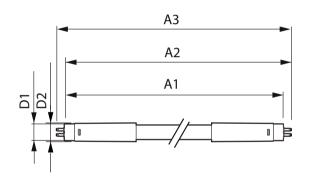
Operating and Electrical					
Line Frequency	30K to 60K Hz				
Input Frequency	30K to 60K Hz				
Power Consumption	26 W				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	20-90 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	55 ℃				
Controls and Dimming					
Dimmable	Yes - Check ballast compatibility				
Mechanical and Housing					
Bulb Finish	Frosted				

Datasheet, 2023, May 22 data subject to change

Bulb Material	Glass				
Product Length	1,200 mm				
Bulb Shape	Tube, double-ended				
Approval and Application					
Energy Saving Product	Yes				
	RoHS compliance TUV CE marking KEMA Keur				
Approval Marks	RoHS compliance TUV CE marking KEMA Keur				
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate				
Approval Marks  Energy Consumption kWh/1000 h	·				
	certificate				
Energy Consumption kWh/1000 h	certificate 26 kWh				
Energy Consumption kWh/1000 h EPREL Registration Number	certificate 26 kWh 1,384,141				

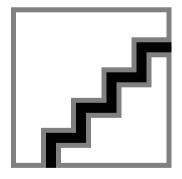
Product Data				
Full product code	871869974953800			
Order product name	MAS LEDtube HF 1200mm HO 26W 840 T5 OE			
Order code	929002352102			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	10			
Material number (12NC)	929002352102			
Full product name	MAS LEDtube HF 1200mm HO 26W 840 T5 OE			
EAN/UPC - Case	8718699749545			

# Dimensional drawing

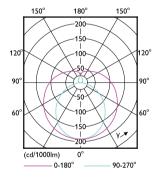


Product	D1	D2	A1	A2	А3
MAS LEDtube HF 1200mm HO 26W	15.5 mm	19 mm	1,149 mm	1,156 mm	1,163 mm
840 T5 OE					

## Photometric data

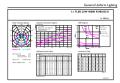


Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 26W 840 T5 OE



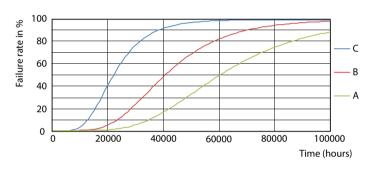
Light Distribution Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE

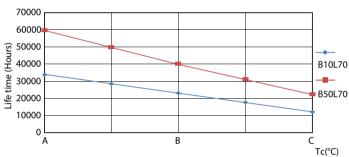
## Photometric data



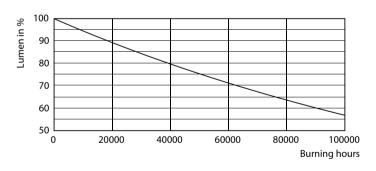
Calculus Photometrics 4.5 Philips Lighting B.V. Page: 17

#### Lifetime

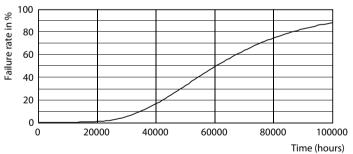




Life Expectancy Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE



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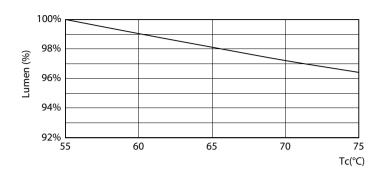


Lumen Maintenance Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE

Life Expectancy Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE

Datasheet, 2023, May 22 3 data subject to change

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Lumen Maintenance Diagram - MAS LEDtube HF 1200mm HO 26W 840 T5 OE



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