PHILIPS

Lighting



MASTER LEDtube InstantFit HF T5

Master LEDtube HF 1200mm HO 26W 840 T5 OE

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.

Product data

General Information	
Cap base	G5 [G5]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	50,000X
Technical type	26-54W
	Sphere

Light Technical	
Colour Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	200 °
Luminous flux (nom.)	3900 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	150.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	30 K to 60 K Hz
Power (Rated) (Nom)	26 W
Lamp current (max.)	620 mA
Lamp current (min.)	300 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	20-90 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C

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T-Case maximum (nom.)	55 °C

Controls and Dimming

Dimmable	Yes – Check ballast compatibility

Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

Approval and Application

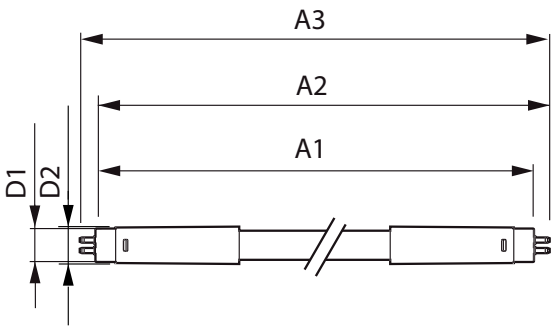
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	26 kWh
	406210

Product Data

Full product code	871869974953800
Order product name	Master LEDtube HF 1200mm HO 26W 840 T5 OE
EAN/UPC – product	8718699749538
Order code	74953800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002352102
SAP net weight (piece)	0.240 kg

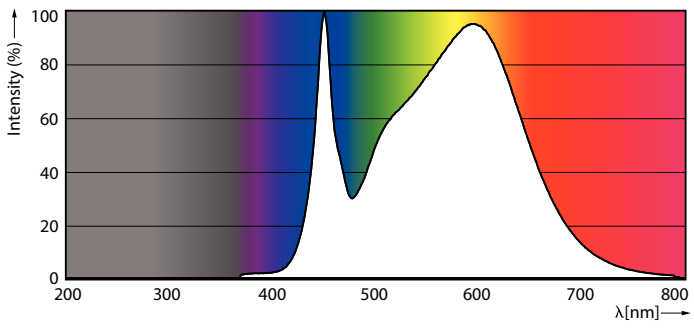
Dimensional drawing



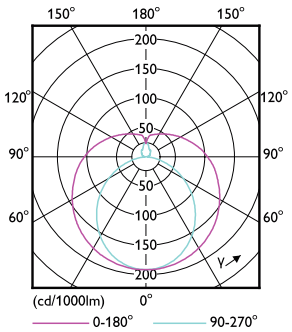
Master LEDtube HF 1200mm HO 26W 840 T5 OE

Product	D1	D2	A1	A2	A3
Master LEDtube HF 1200mm HO 26W 840 T5 OE	15.5 mm	19 mm	1149 mm	1156 mm	1163 mm

Photometric data



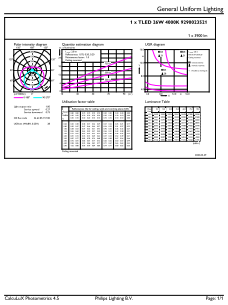
LEDtube MAS 26W G5 3900lm 840



LEDtube MAS 26W G5 3700lm

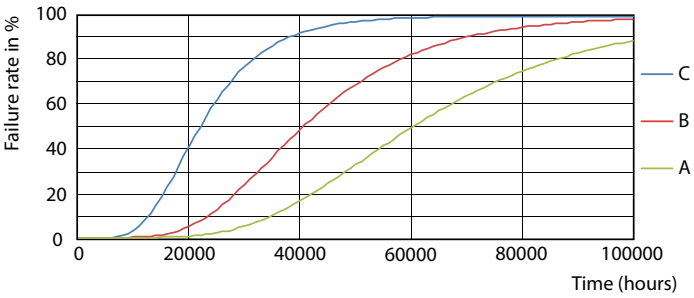
MASTER LEDtube InstantFit HF T5

Photometric data

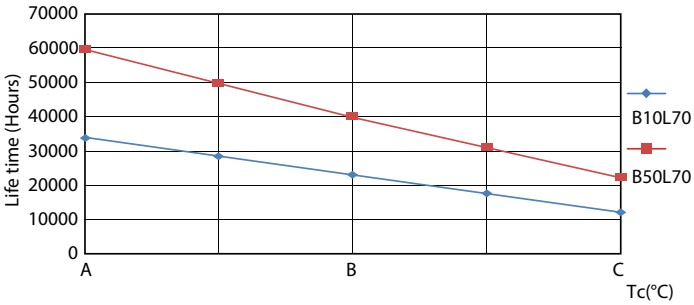


LEDtube MAS 26W G5 3900lm 840 1200mm

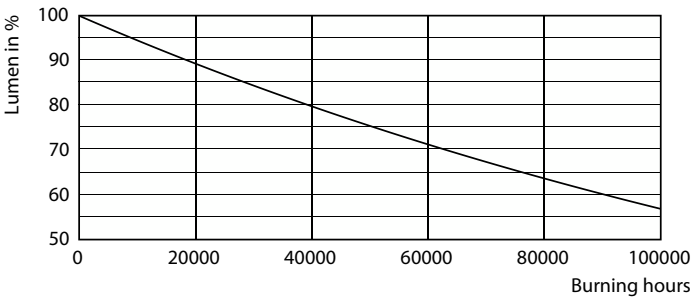
Lifetime



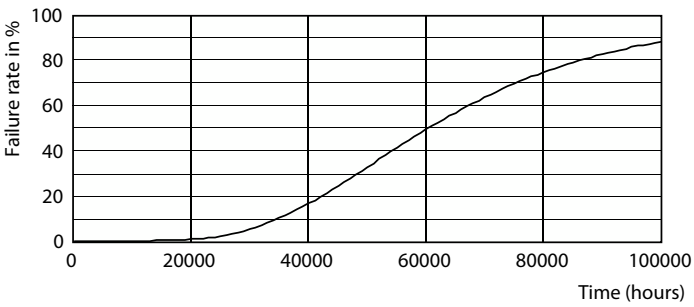
FailureRate



LifetimeVsTc



Lumen Maintenance Diagram



Life Expectancy Diagram

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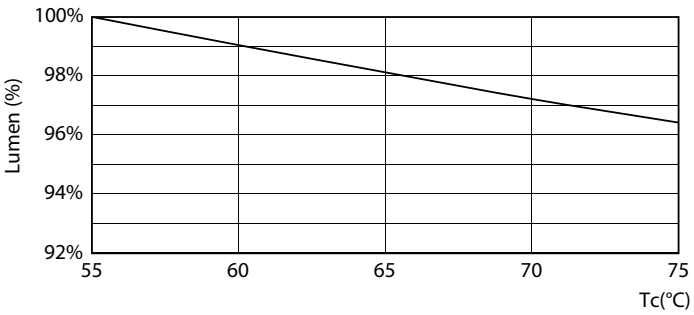
Lifetime



LEDtube 26W 60K LumenVsTc 1

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