PHILIPS

Lighting



MASTER LEDtube Mains T5



MASTER LEDtube 1500mm HE 20W 830 T5 EU

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! Perfectly safe, reliable &and easy to install, the Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximise value over lifetime with high energy savings and lower maintenance costs.

Product data

General Information	
Cap base	G5 [G5]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	200,000X
	Sphere

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	200 °
Luminous flux (nom.)	2800 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	140.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	20 W
Lamp current (nom.)	99 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.92
Voltage (Nom)	220-240 V

Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	75 °C

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Controls and Dimming	
Dimmable	No

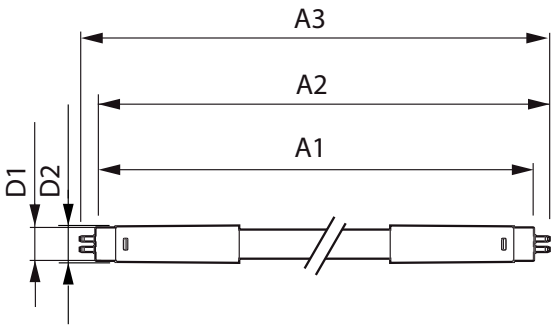
Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1500 mm
Bulb shape	Tube, double-ended

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

Energy consumption kWh/1,000 hours	20 kWh
	467354

Product Data	
Full product code	871951433437300
Order product name	MASTER LEDtube 1500mm HE 20W 830 T5 EU
EAN/UPC – product	8719514334373
Order code	33437300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002421202
SAP net weight (piece)	0.176 kg

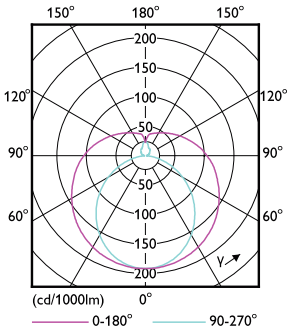
Dimensional drawing



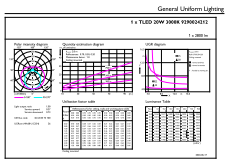
MASTER LEDtube 1500mm HE 20W 830 T5 EU

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HE 20W 830 T5 EU	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm

Photometric data



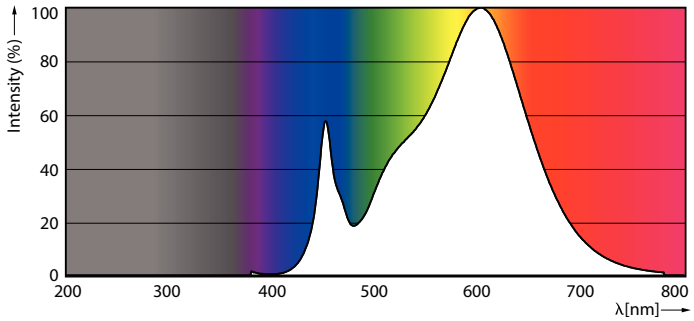
LEDtube MAS 8W G5 1000lm



LEDtube MAS 20W G5 2800lm 830

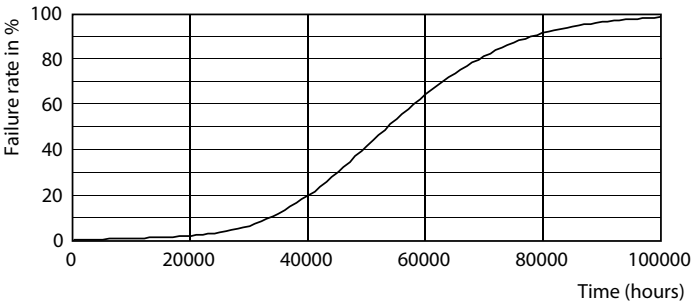
MASTER LEDtube Mains T5

Photometric data

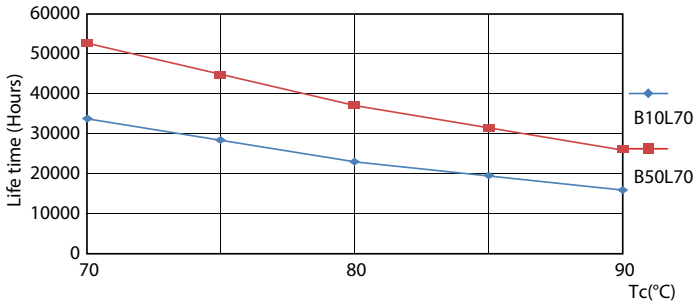


LEDtube MAS 16,5W G5 2300lm 830

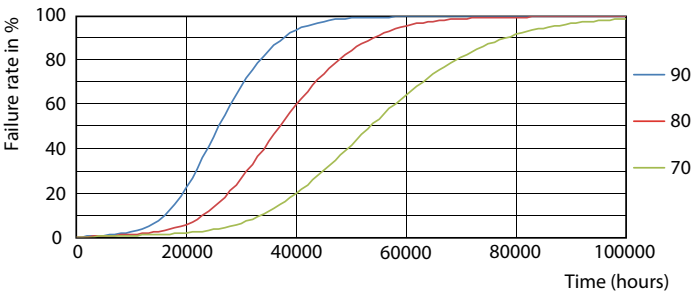
Lifetime



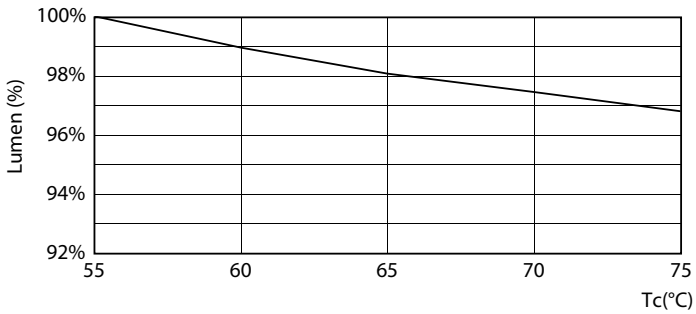
LEDtube 50K-LED



LEDtube MAS 1 26W 50K LifetimeVsTc-LED



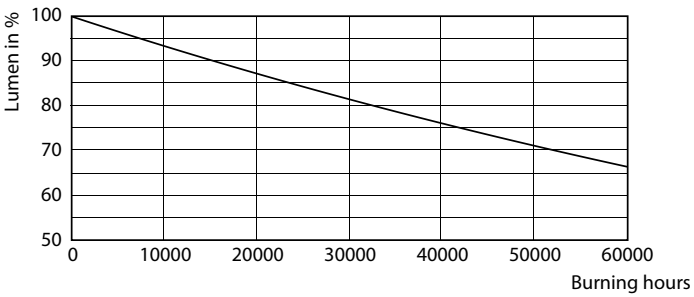
LEDtube MAS 1 26W 50K FailureRate-LED



LEDtube MAS G3 20W 50K LumenVsTc-LMP

MASTER LEDtube Mains T5

Lifetime



LEDtube 50K-LMP

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