



MASTER LEDtube Mains T5



MASTER LEDtube 1500mm UO 36W 830 T5

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 & 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
Technical type	36-80W
	Sphere

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	200 °
Luminous flux (nom.)	5200 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	144.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

LLMF at end of nominal lifetime (nom.) 70 %	
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Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	36 W
Lamp current (nom.)	160 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
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
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Mechanical and Housing

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

Approval and Application

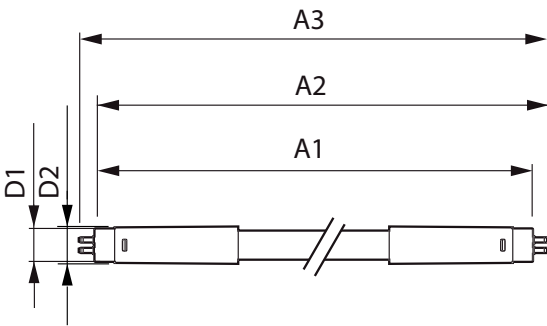
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	36 kWh
	403646

Product Data

Full product code	871951429050100
Order product name	MASTER LEDtube 1500mm UO 36W 830 T5
EAN/UPC – product	8719514290501
Order code	29050100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002474802
SAP net weight (piece)	0.196 kg

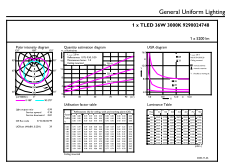
Dimensional drawing



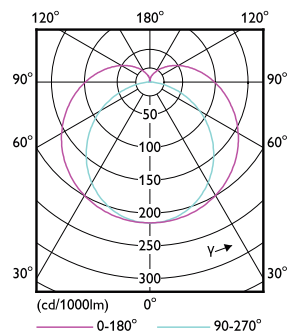
MASTER LEDtube 1500mm UO 36W 830 T5

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm UO 36W 830 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm

Photometric data



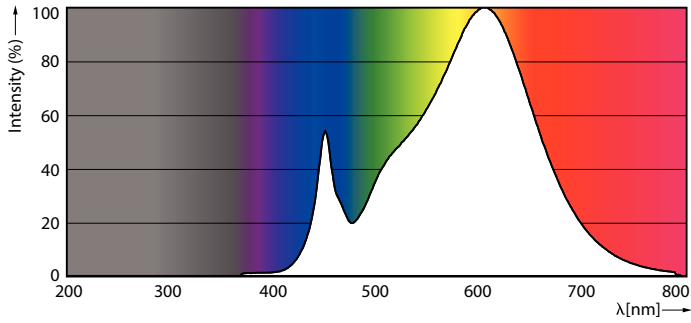
LEDtube MAS 36W G5 5200lm 830



LEDtube MAS 36W G5 5200lm

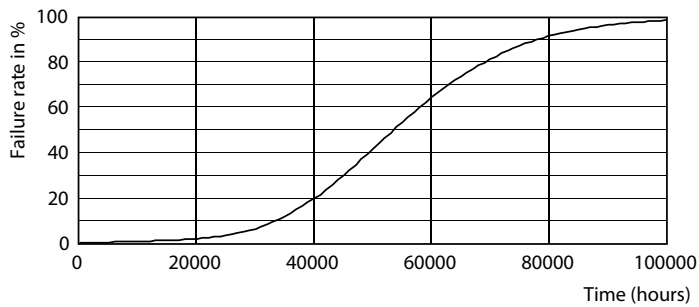
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Photometric data

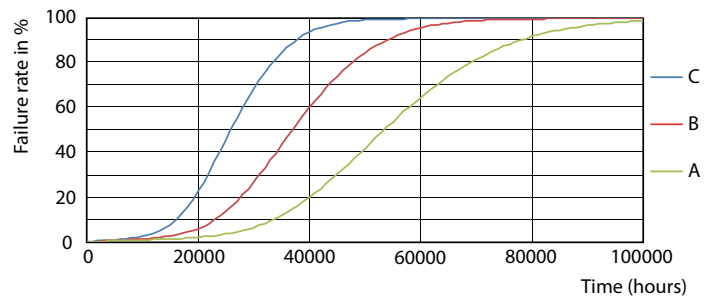


LEDtube MAS 36W G5 5200lm 830

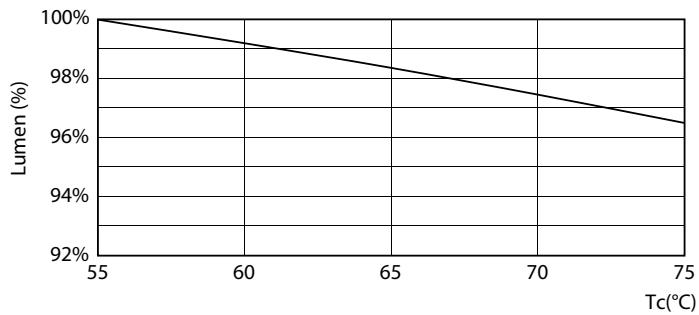
Lifetime



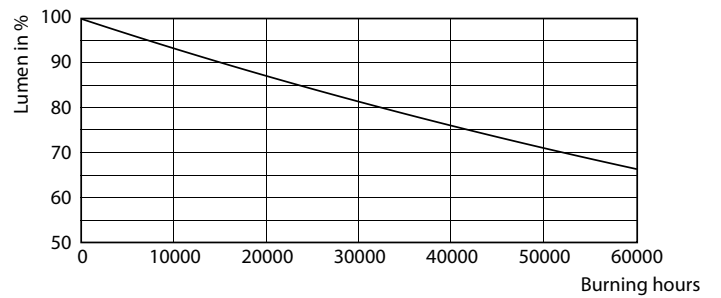
LEDtube 50K-LED



LEDtube 50K FailureRate-LED



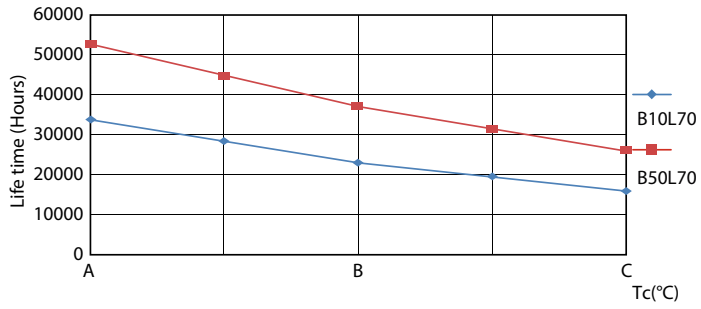
LEDtube MAS 36W 50K LumenVsTc



LEDtube 50K-LMP

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Lifetime



LEDtube 50K LifetimeVsTc-LED

