



# MASTER LEDtube Mains T5



## MASTER LEDtube 1200mm HE 16.5W 865 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 & 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	865 [ CCT of 6,500 K]
Beam Angle (Nom)	200 °
Luminous flux (nom.)	2500 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	151.00 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)	16.5 W
Lamp current (nom.)	85 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.)	70 °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	1200 mm
Bulb shape	Tube, double-ended

## Approval and Application

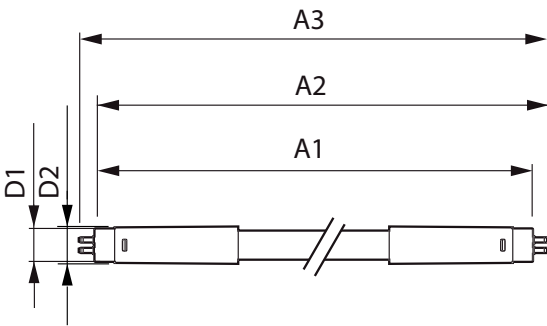
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	17 kWh
	467299

## Product Data

Full product code	871951433435900
Order product name	MASTER LEDtube 1200mm HE 16.5W 865 T5 EU
EAN/UPC – product	8719514334359
Order code	33435900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003044602
SAP net weight (piece)	0.215 kg

## Dimensional drawing

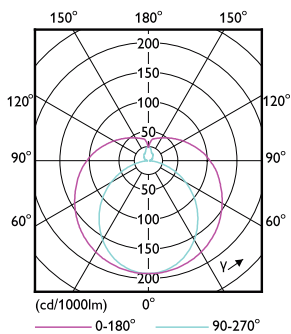


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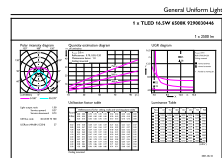
## Product

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## Photometric data



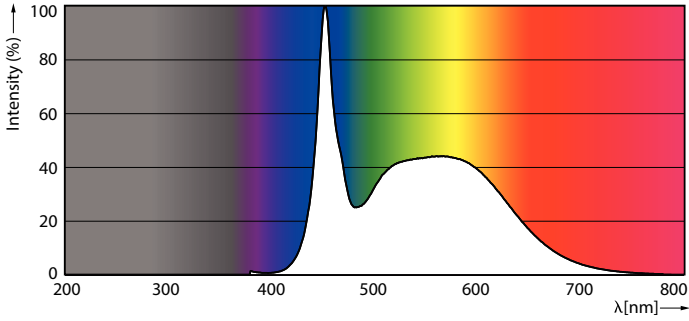
LEDtube MAS 8W G5 1000lm



LEDtube MAS G3 16,5W G13 2500lm 865-GUL

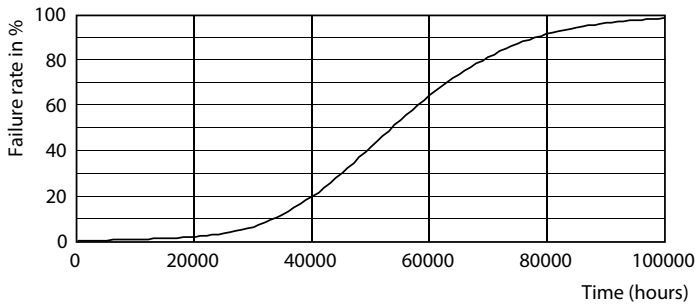
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## Photometric data

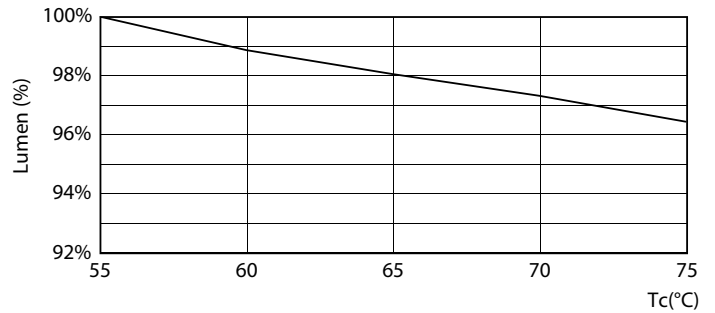


LEDtube MAS G3 16,5W G13 2500lm 865-POC

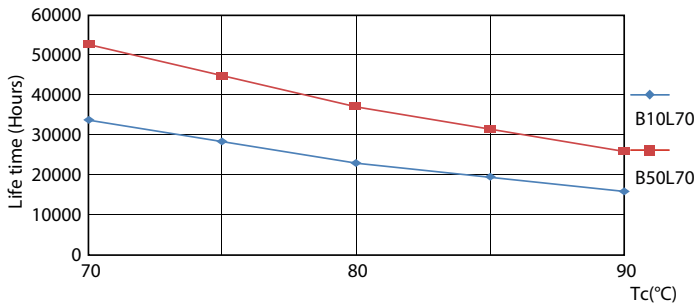
## Lifetime



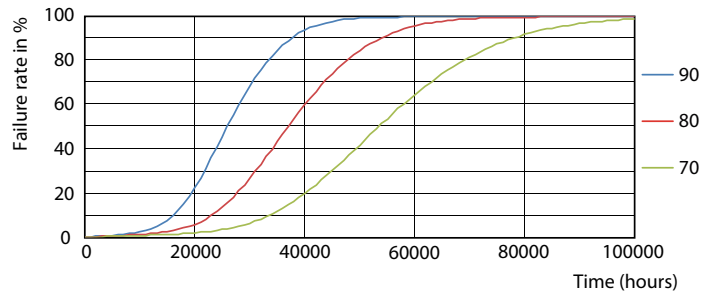
LEDtube 50K-LED



LEDtube MAS G3 8W 50K LumenVsTc-LMP



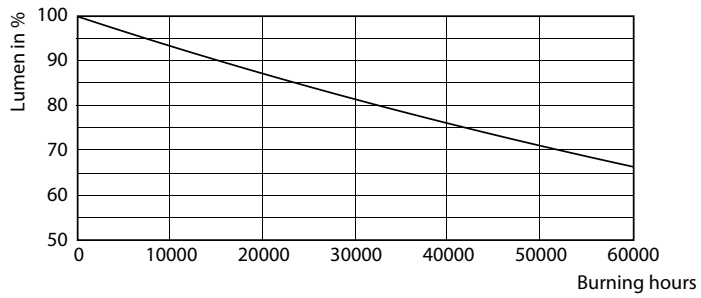
LEDtube MAS 1 26W 50K LifetimeVsTc-LED



LEDtube MAS 1 26W 50K FailureRate-LED

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## Lifetime



LEDtube 50K-LMP

