



# 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 &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]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime	50,000 h
Switching cycle	200,000
Lighting Technology	LED
	Sphere
Brand	Philips
Light technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	200 degree(s)
Luminous Flux	2,500 lm
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous Efficacy (rated) (Nom)	151 lm/W
Colour consistency	<6
Colour rendering index (CRI)	
80	
LLMF at end of nominal lifetime (nom.)	
70 %	
Operating and electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	16.5 W
Lamp current (nom.)	85 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (nom.)	220-240 V
Temperature	
T-Case maximum (nom.)	70 °C
Mechanical and housing	
Lamp Finish	Frosted

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Bulb material	Glass
Product length	1,200 mm
Bulb shape	Tube, double-ended

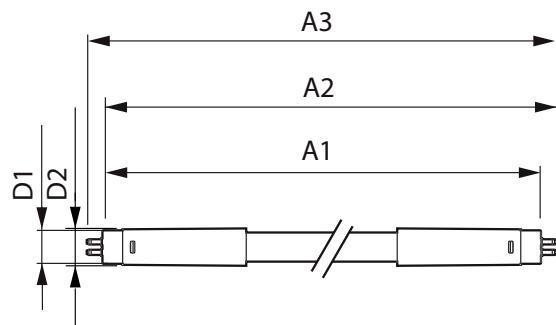
## Approval and application

Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	17 kWh 467,299

## Product data

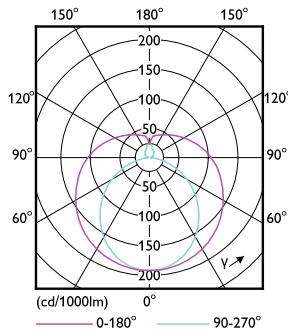
Full EOC	871951433435900
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## Dimensional drawing



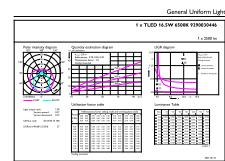
Order product name	MAS LEDtube 1200mm HE 16.5W 865 T5 EU
Order code	33435900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929003044602
Net weight	0.215 kg
Full product name	MASTER LEDtube 1200mm HE 16.5W 865 T5 EU
EAN/UPC - Case	8719514334366

## Photometric data



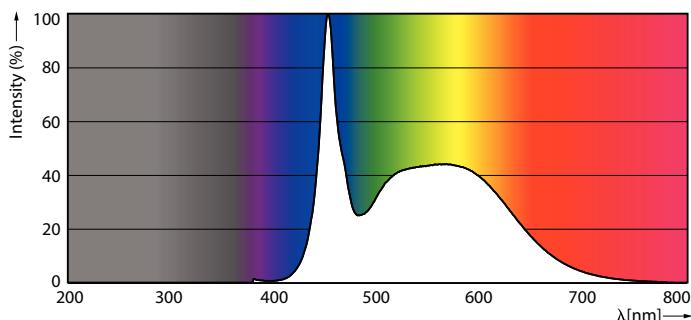
Light Distribution Diagram - MAS LEDtube 1200mm HE 16.5W 865 T5 EU

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HE 16.5W 865 T5 EU	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm



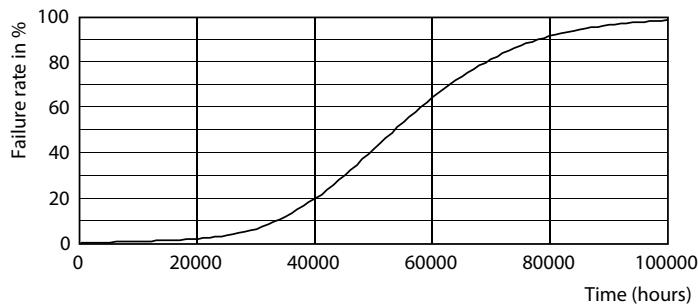
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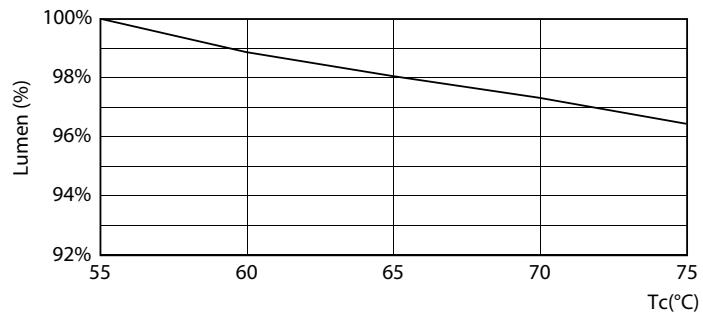


Spectral Power Distribution Colour - MAS LEDtube 1200mm HE 16.5W 865  
T5 EU

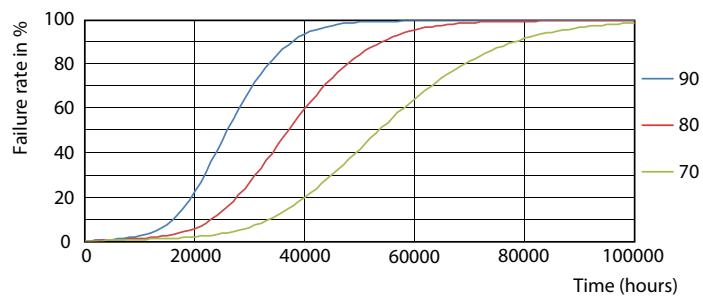
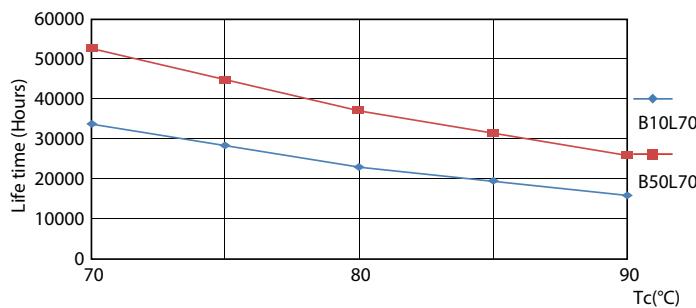
## Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm HE 16.5W 865 T5 EU



Lumen Maintenance Diagram - MAS LEDtube 1200mm HE 16.5W 865 T5 EU

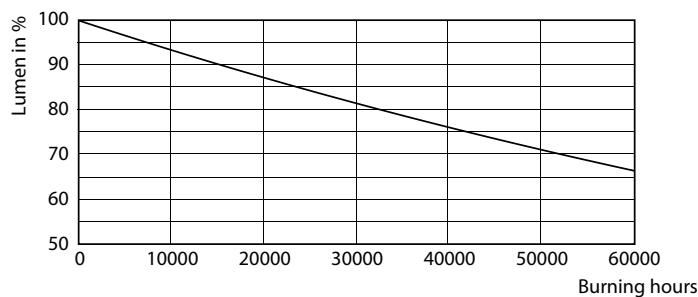


Life Expectancy Diagram - MAS LEDtube 1200mm HE 16.5W 865 T5 EU

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### Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1200mm HE 16.5W 865 T5 EU

