



# MASTER LEDtube Mains T5



## MASTER LEDtube 1500mm HE 20W 840 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 Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

### Product data

General information	
Cap-Base	G5 [ G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
Technical Type	20-35W
Flux measurement reference	Sphere

Light technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	3000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<6
Color 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 (Nom)	20 W
Lamp Current (Max)	230 mA
Lamp Current (Min)	85 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	100-240 V

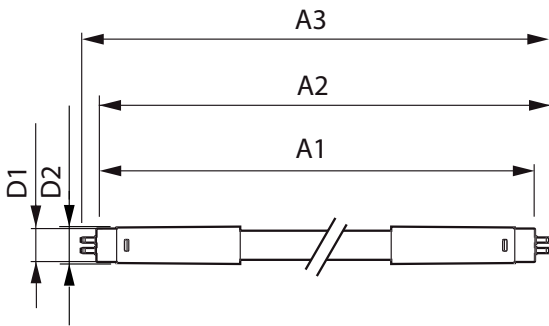
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	75 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1500 mm
Bulb Shape	Tube, double-ended
<b>Approval and application</b>	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	467355
<b>Product data</b>	
Full product code	871869978357000
Order product name	MASTER LEDtube 1500mm HE 20W 840 T5
EAN/UPC - Product	8718699783570
Order code	929002421308
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002421308
Copy Net Weight (Piece)	0.176 kg

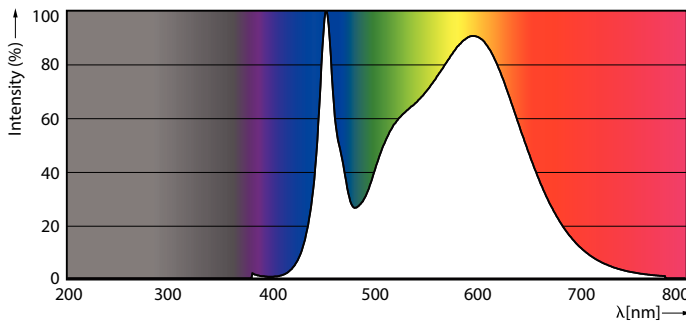
## Dimensional drawing



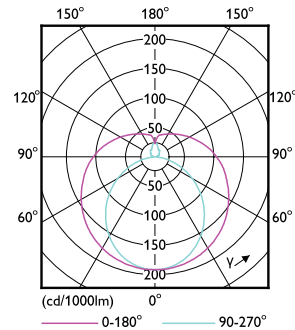
MASTER LEDtube 1500mm HE 20W 840 T5

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HE 20W 840 T5	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm

## Photometric data



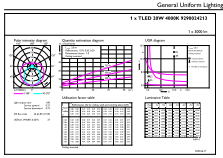
LEDtube MAS 16,5W G5 2500lm 840



LEDtube MAS 8W G5 1000lm

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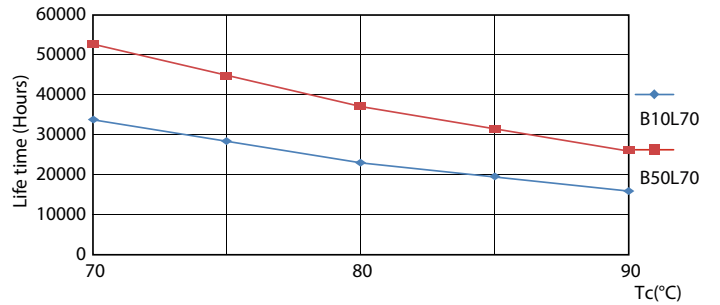
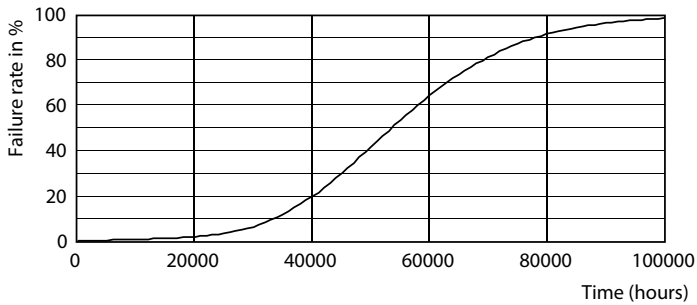
## Photometric data



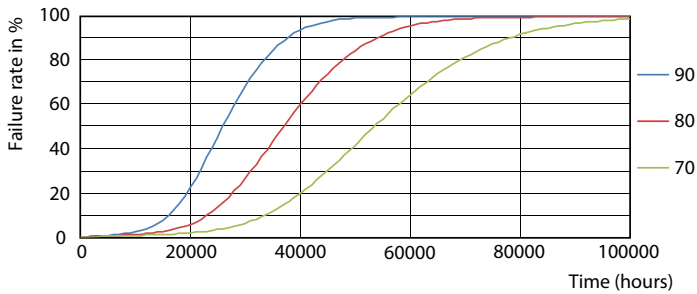
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LEDtube MAS 20W G5 3000lm 840

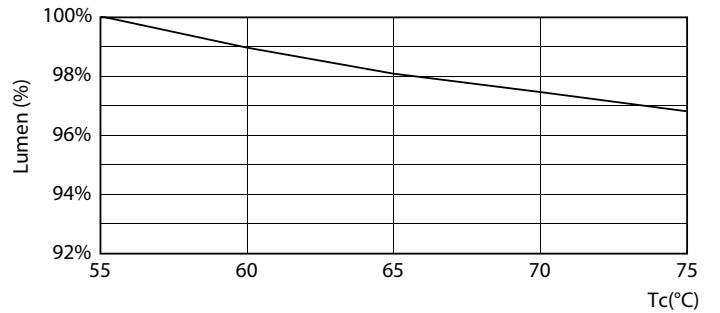
## Lifetime



Life Expectancy Diagram



LEDtube MAS 1 26W 50K LifetimeVsTc-LED

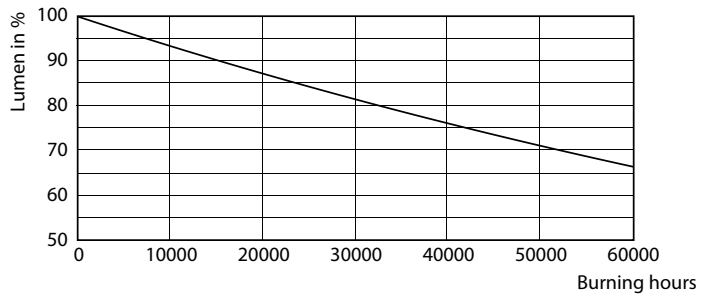


LEDtube MAS 1 26W 50K FailureRate-LED

LEDtube MAS G3 20W 50K LumenVsTc-LMP

# MASTER LEDtube Mains T5

## Lifetime



Lumen Maintenance Diagram

