



# MASTER LEDtube InstantFit HF T5

## Master LEDtube HF 600mm HE 8W 840 T5

Philips MASTER LEDtube InstantFit T5 integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. The Philips MASTER LEDtube InstantFit T5 is the ideal solution for customers who have higher light output requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

### Product data

General Information	
Cap-Base	G5 [ G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	50000X
Flux measurement reference	Sphere

Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	1050 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	30K to 100K Hz
Power (Nom)	8 W
Lamp Current (Max)	350 mA
Lamp Current (Min)	150 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.92
Voltage (Nom)	40-70 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)	65 °C

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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended

## Approval and Application

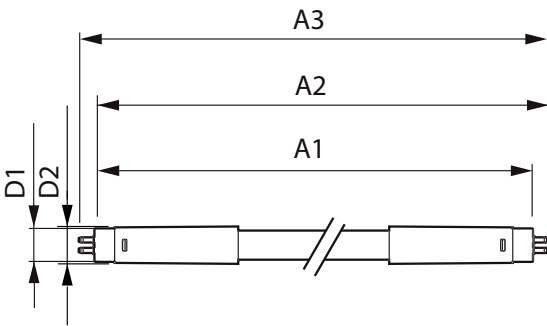
Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	406184

## Product Data

Full product code	871869674325600
Order product name	Master LEDtube HF 600mm HE 8W 840 T5
EAN/UPC - Product	8718696743256
Order code	929001390802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001390802
Net Weight (Piece)	0.080 kg

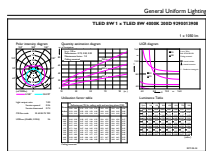
## Dimensional drawing



TLED 600mm 230V8W-14W 1050lm 160D 4000K

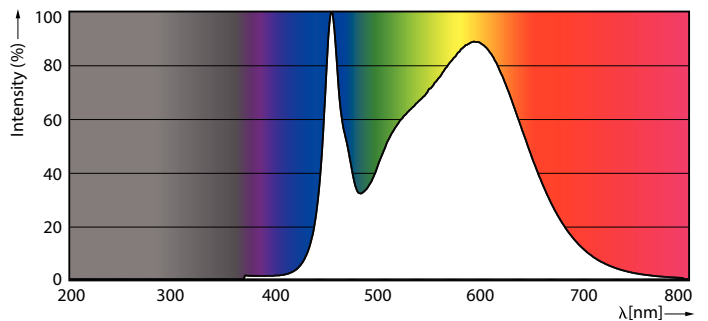
Product	D1	D2	A1	A2	A3
Master LEDtube HF 600mm HE 8W 840 T5	15.5 mm	18.8 mm	549 mm	556.1 mm	563.2 mm

## Photometric data



General Uniform Lighting  
TLED 600 x TLED 600 8W 840 1050lm  
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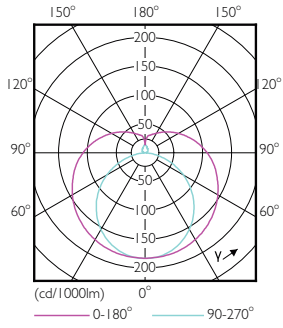
LEDtube 600mm 8W G5 840 1050lm



LEDtube 600mm 8W G5 840 1050lm

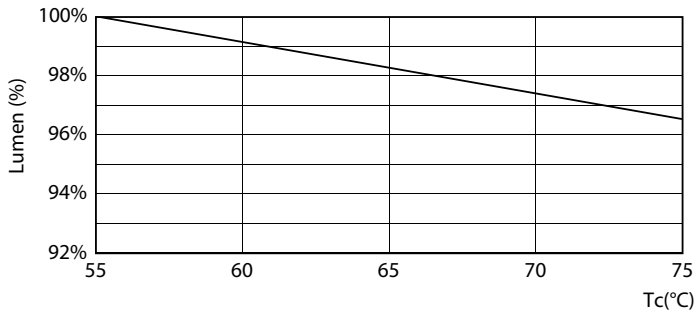
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## Photometric data

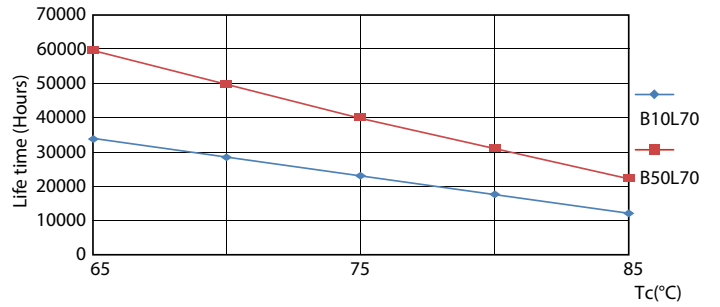


LEDtube 600mm 8W G5 830 1000lm

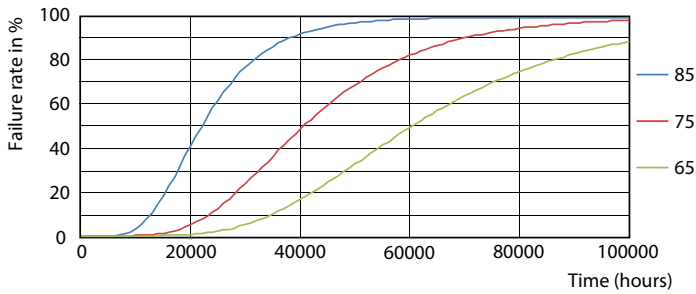
## Lifetime



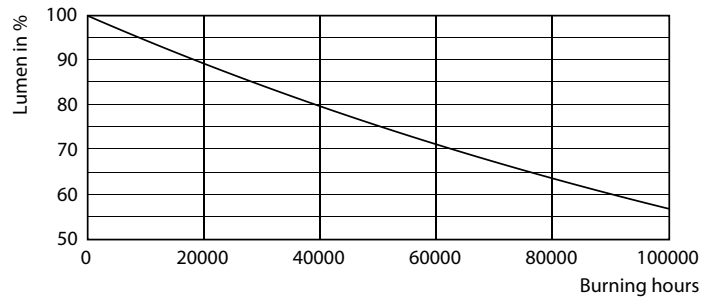
LEDtube MAS SLR 8W 60K LumenVsTc-LMP



LEDtube MAS SLR 8W 60K LifetimeVsTc-LED



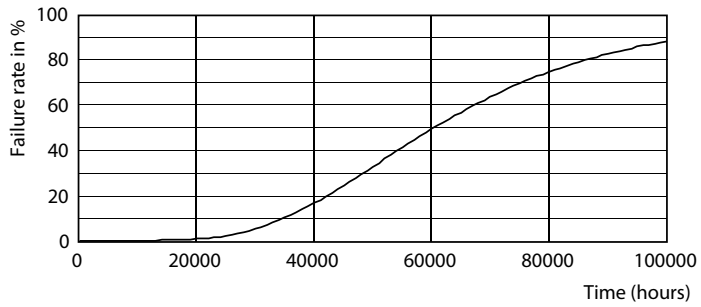
LEDtube MAS SLR 8W 60K FailureRate-LED



LEDtube\_60K

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## Lifetime



LEDtube\_60K

