



## Other LEDtube

### MAS Ledtube 1200mm HO 16W 865 T5 DC

Philips LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

#### Product data

General information	
Cap-Base	G5 [ G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000
Light technical	
Color Code	865 [ CCT of 6500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2500 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	156.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	- Hz
Power (Nom)	16 W
Lamp Current (Max)	290 mA
Lamp Current (Min)	290 mA
Lamp Current (Nom)	290 mA

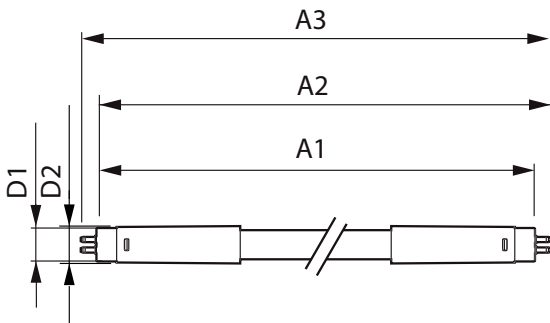
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	-
Voltage (Nom)	52-59 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes

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Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh
<b>Product data</b>	
Full product code	871869976525500
Order product name	MAS Ledtube 1200mm HO 16W 865 T5 DC
EAN/UPC - Product	8718699765255

Order code	929002387508
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929002387508
Net Weight (Piece)	0.191 kg

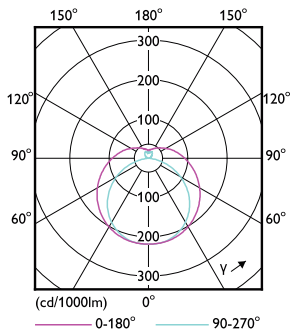
## Dimensional drawing



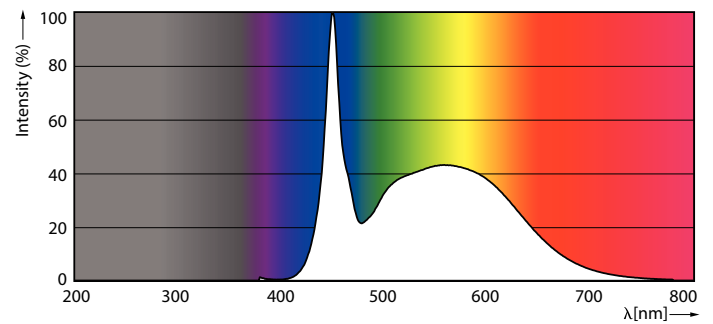
MAS Ledtube 1200mm HO 16W 865 T5 DC

Product	D1	D2	A1	A2	A3
MAS Ledtube 1200mm HO 16W 865 T5 DC	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

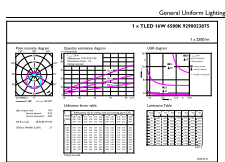
## Photometric data



LEDtube MAS 16W G5 2500lm



LEDtube MAS 16W G5 2500lm 865

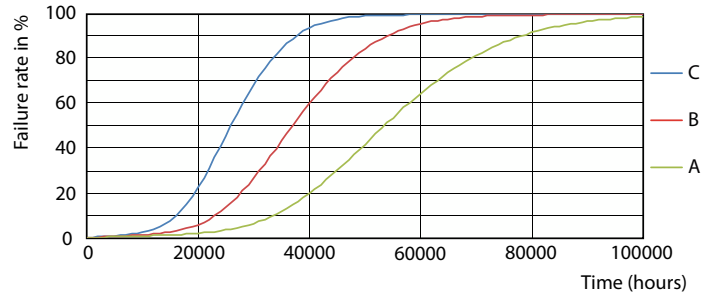
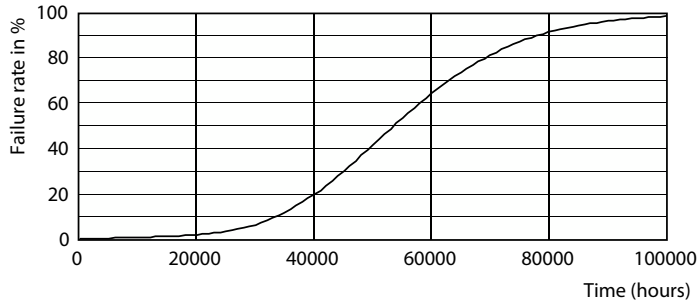


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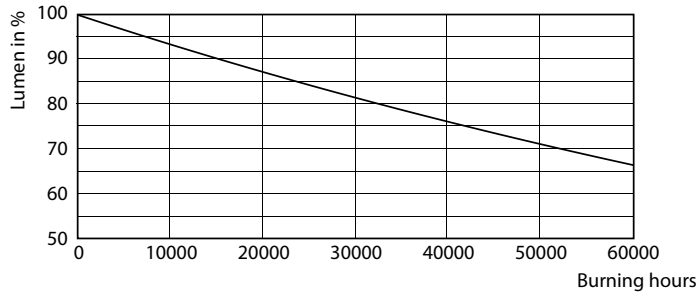
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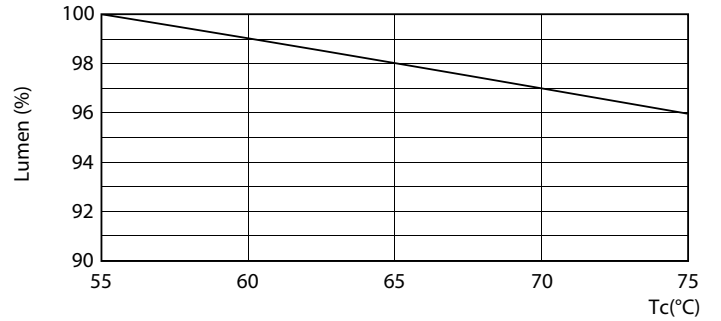
## Lifetime



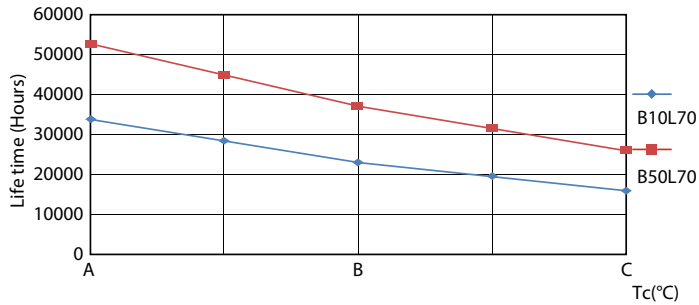
Life Expectancy Diagram



FailureRate



Lumen Maintenance Diagram



LEDtube MAS 8,3W 50K LumenVsTc

LifetimeVsTc

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