PHILIPS

Lighting

MASTER LED tube Mains T5

MAS LEDtube 600mm HE 8W 865 T5 HK

LEDtube, T5, 600 mm, 8 W, 6500 K, 1050 lm, 50000 hour(s)

LEDtube, T5, 600 mm, 8 W, 6500 K, 1050 lm, 50000 hour(s), 131 lm/W, G5, Glass, 0 %, RG0

Product data

General Information	
Cap-Base	G5
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,050 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Max)	90 mA
Lamp Current (Min)	35 mA
Wattage Equivalent	14 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100-240 V

Temperature	
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T5

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Net Weight (Piece)	0.077 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Post-consumer recycled plastic material ratio	0 %

Application Conditions

Wireless Technology	Not applicable

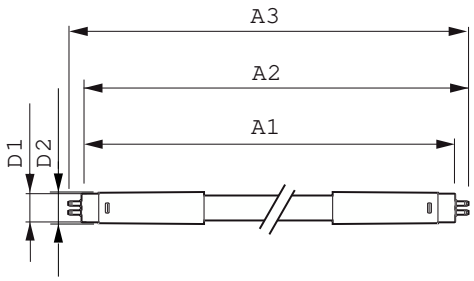
Sustainability Data

Product non-virgin material ratio	0 %

Product Data

Order product name	MAS LEDtube 600mm HE 8W 865 T5 HK
Full product name	MAS LEDtube 600mm HE 8W 865 T5 HK
Full product code	872110314229000
Order code	929002420868
Material Nr. (12NC)	929002420868
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103142290
Numerator - Packs per outer box	10
EAN/UPC - Case	8721103142306

Dimensional drawing



D1	D2	A1	A2	A3
15.8mm	19mm	547mm	556.1mm	563.2mm

Product

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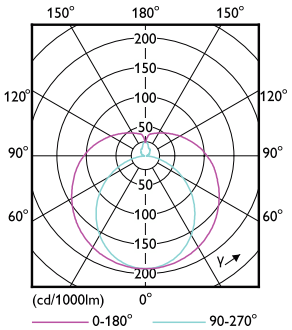
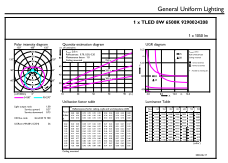
Photometric data



Light Distribution Diagram - MAS LEDtube 600mm HE 8W 865 T5 HK



General uniform lighting - MAS LEDtube 600mm HE 8W 865 T5 HK

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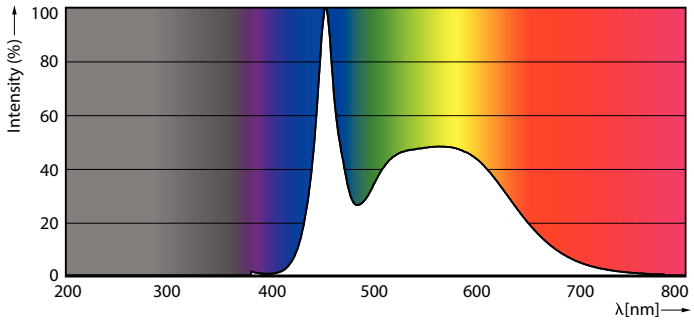
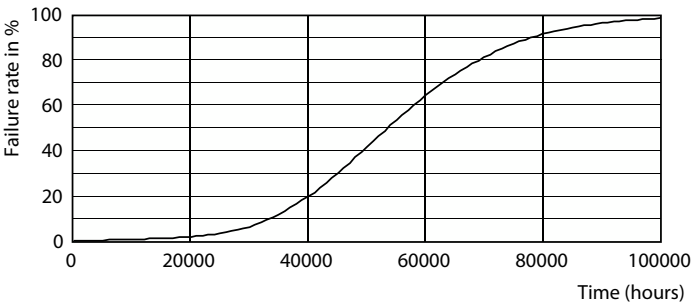
Photometric data

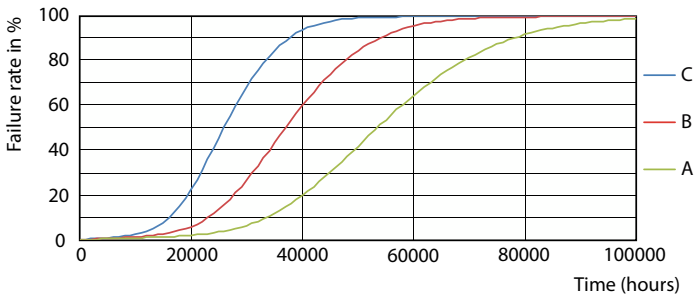


Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 865 T5 HK

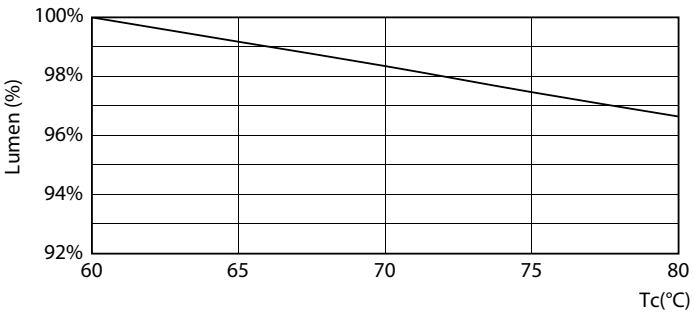
Lifetime



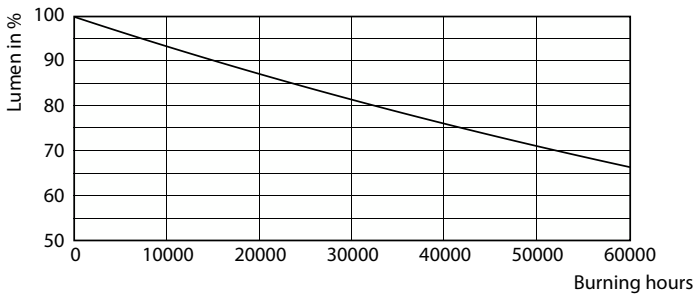
Life Expectancy Diagram



FailureRate



Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 865 T5 HK



Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 865 T5 HK

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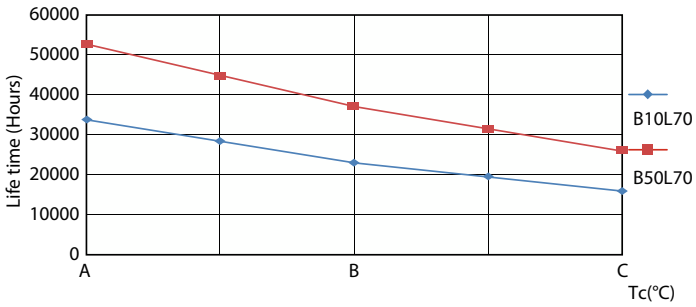
Lifetime



LifetimeVsTc

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