



MASTER LED tube Mains T5

MAS LEDtube 600mm HE 8W 830 T5

MASTER, LEDtube, T5, Mains, 600 mm, 100–240 V, 8 W, 14W
TL5 HE, 3000 K, 1000 lm, CRI 80, 50000 hour(s)

MASTER, LEDtube, T5, Mains, 600 mm, 100–240 V, 8 W, LED alternative to 14W TL5
HE, 3000 K, 1000 lm, CRI 80, 50000 hour(s), 125.00 lm/W, EEL E, G5, Beam angle
200 degree(s), Glass, 600 mm, SDCM 6, PF 0.9, IP20, SVM 1.4, PstLM 0.16

Product data

General Information	
Cap-Base	G5
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	125.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

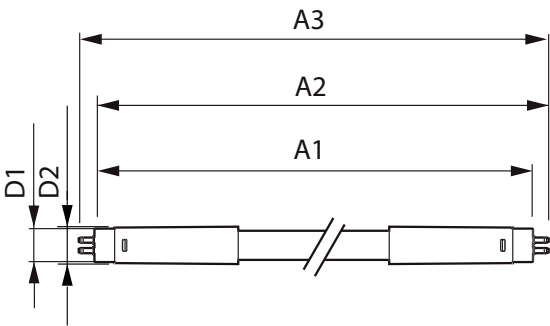
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Max)	90 mA
Lamp Current (Min)	35 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100–240 V
LED alternative to fluorescent lamp power	14W TL5 HE
Ballast Compatibility	Mains
Temperature	
T-Case Maximum (Nom)	60 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T5
Net Weight (Piece)	0.250 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.16

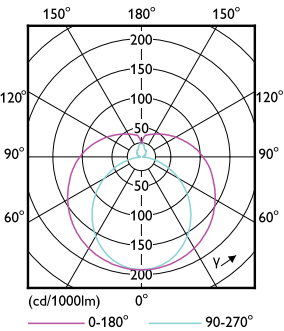
Stroboscopic effect visibility measure (SVM)	1.4
Ambient temperature range	-20 °C to 45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDtube 600mm HE 8W 830 T5
Full product name	MAS LEDtube 600mm HE 8W 830 T5
Full product code	871869978343300
Order code	929002420608
Material Nr. (12NC)	929002420608
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699783433
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699783440

Dimensional drawing

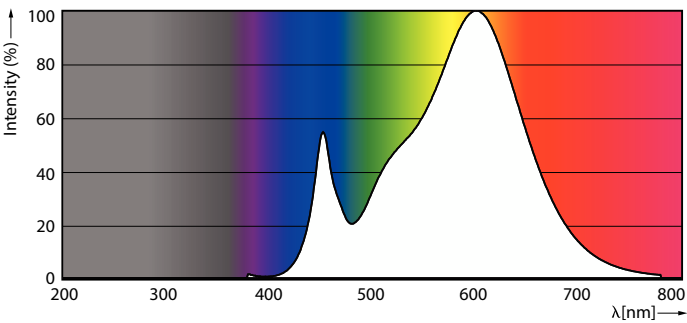


Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HE 8W 830 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Photometric data



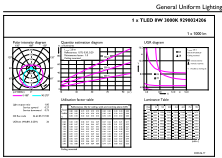
Light Distribution Diagram - MAS LEDtube 600mm HE 8W 830 T5



Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 830 T5

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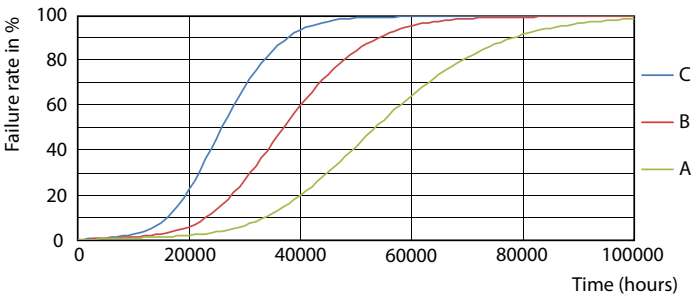
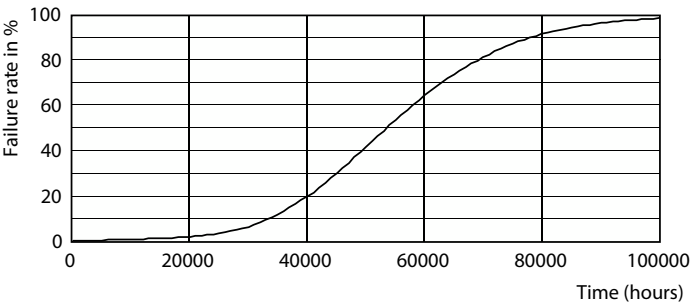
Photometric data



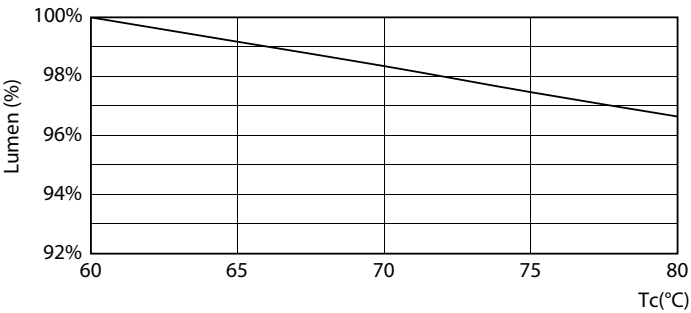
General uniform lighting - MAS LEDtube 600mm HE 8W 830 T5

General uniform lighting - MAS LEDtube 600mm HE 8W 830 T5

Lifetime

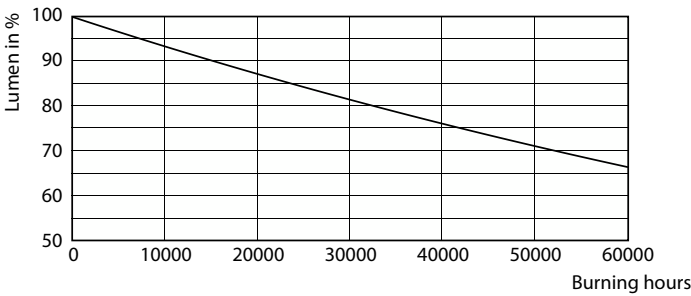


Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 830 T5

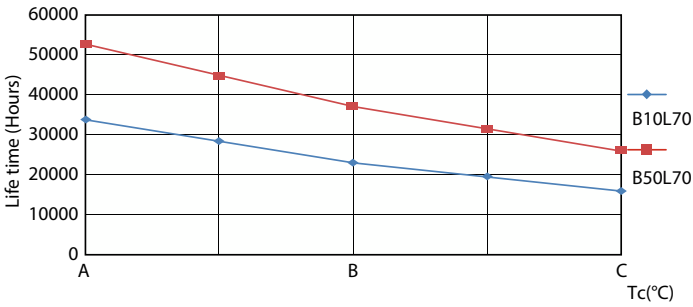
FailureRate



Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 830 T5

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Lifetime



LifetimeVsTc

