



Other LED tube

MAS Ledtube 600mm HO 8.3W 840 T5 DC

MASTER, LEDtube, T5, Mains, 600 mm, 52-59 V, 8.3 W, 14W TL5 HE, 4000 K, 1250 lm, 50000 hour(s)

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
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	1,250 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 (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz

Input Frequency	- Hz
Power Consumption	8.3 W
Lamp Current (Max)	150 mA
Lamp Current (Min)	150 mA
Lamp Current (Nom)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	-
Voltage (Nom)	52-59 V
LED alternative to fluorescent lamp power	14W TL5 HE
Ballast Compatibility	Mains

Temperature	
T-Case Maximum (Nom)	45 °C

Controls and Dimming	
Dimmable	Yes

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T5
Net Weight (Piece)	0.094 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

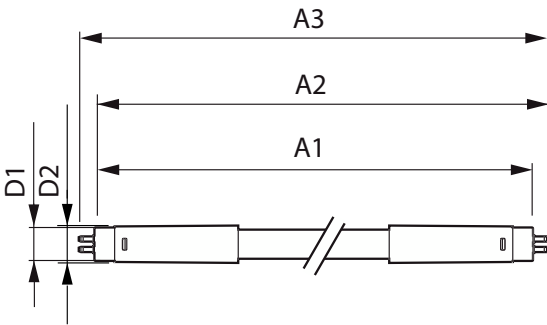
Application Conditions

Wireless Technology	Not applicable
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Product Data

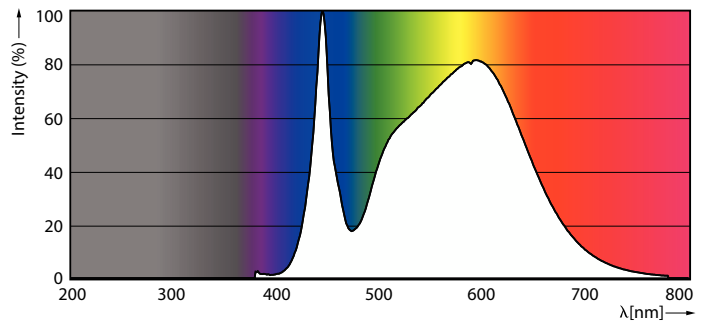
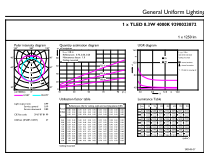
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Full product name	MAS Ledtube 600mm HO 8.3W 840 T5 DC
Full product code	871869976519400
Order code	929002387208
Material Nr. (12NC)	929002387208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699765194
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699765200

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS Ledtube 600mm HO 8.3W 840 T5 DC	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Photometric data

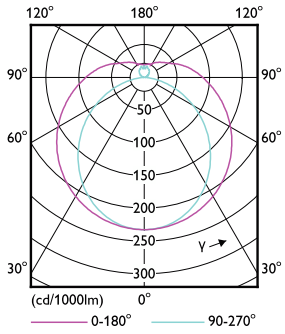


General uniform lighting - MAS Ledtube 600mm HO 8.3W 840 T5 DC

Spectral Power Distribution Colour - MAS Ledtube 600mm HO 8.3W 840 T5 DC

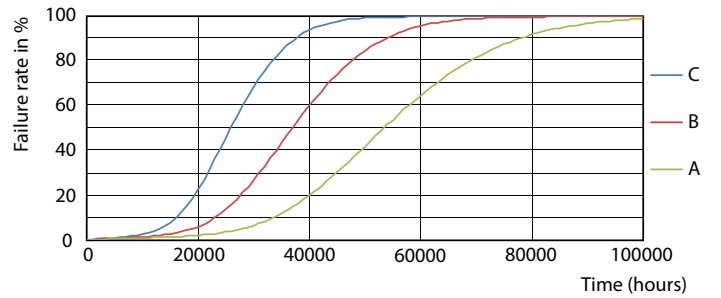
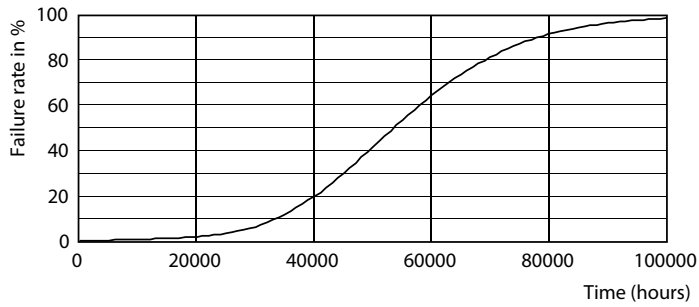
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Photometric data

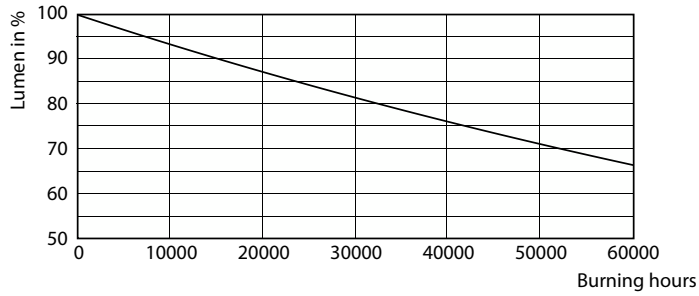


Light Distribution Diagram - MAS Ledtube 600mm HO 8.3W 840 T5 DC

Lifetime

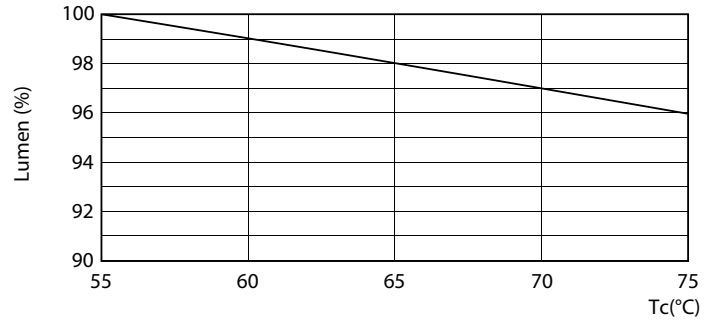


Life Expectancy Diagram



Lumen Maintenance Diagram - MAS Ledtube 600mm HO 8.3W 840 T5 DC

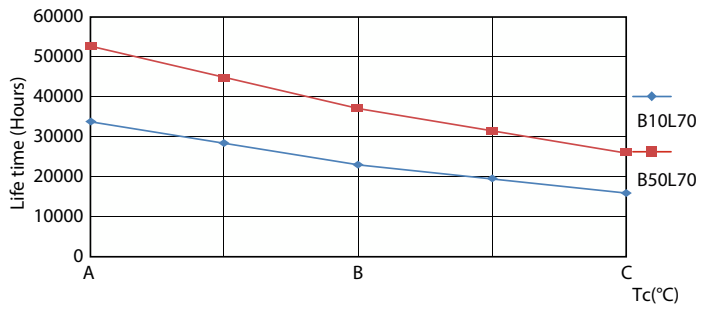
FailureRate



Lumen Maintenance Diagram - MAS Ledtube 600mm HO 8.3W 840 T5 DC

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Lifetime



LifetimeVsTc

