



MASTER LED tube InstantFit HF T5



MAS LEDtube HF 1500mm HO 26W 840 T5 OE

MASTER, LEDtube, T5, HF, 1500 mm, 26 W, 49W TL5 HO, 4000 K, 3900 lm, CRI 80, 60000 hour(s)

MASTER, LEDtube, T5, HF, 1500 mm, 26 W, LED alternative to 49W TL5 HO, 4000 K, 3900 lm, CRI 80, 60000 hour(s), 150 lm/W, EEL D, G5, Beam angle 200 degree(s), Glass, 1500 mm, RG0, SDCM 6, PF 0.92, IP20

Product data

General Information		Photobiological safety according to EN 62471	
Cap-Base	G5	RG0	
Nominal lifetime	60,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LEDtube		
Flux measurement reference	Sphere		
Warranty period	5 years		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	20K to 140K Hz
Beam Angle (Nom)	200 degree(s)	Input Frequency	20K to 140K Hz
Luminous Flux	3,900 lm	Power Consumption	26 W
Color Designation	Cool White (CW)	Lamp Current (Max)	420 mA
Correlated Color Temperature (Nom)	4000 K	Lamp Current (Min)	150 mA
Luminous Efficacy (rated) (Nom)	150 lm/W	Starting Time (Nom)	0.5 s
Color Consistency	<6	Warm-up time to 60% light	0.5 s
Color rendering index (CRI)	80	Power Factor (Fraction)	0.92
LLMF At End Of Nominal Lifetime (Nom)	70 %	Voltage (Nom)	60-120 V
		LED alternative to fluorescent lamp power	49W TL5 HO
		Inrush current at mains	-
		Max. lamp no. on MCB B type 10A - Mains	-
		Max. lamp no. on MCB B type 10A - EM ballast without Compensation Capacitor.	-

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Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	HF
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Yes – Check ballast compatibility
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	T5
Net Weight (Piece)	0.196 kg
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes

Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	26 kWh
EPREL Registration Number	1384144
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

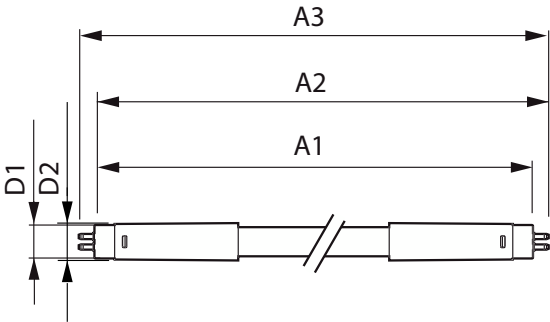
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	MAS LEDtube HF 1500mm HO 26W 840 T5 OE
Full product name	MAS LEDtube HF 1500mm HO 26W 840 T5 OE
Full product code	871869974959000
Order code	929002352402
Material Nr. (12NC)	929002352402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699749590
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699749606

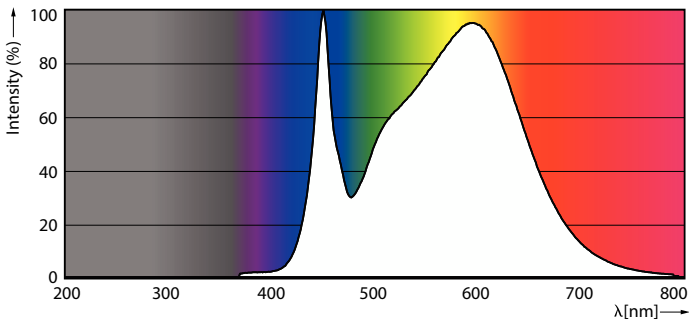
Dimensional drawing



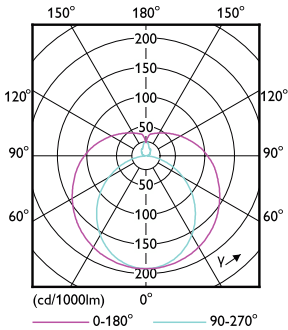
Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm HO 26W 840 T5 OE	15.5 mm	19 mm	1,449 mm	1,456 mm	1,463 mm

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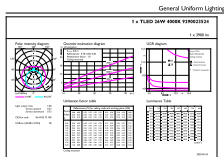
Photometric data



Spectral Power Distribution Colour - MAS LEDtube HF 1500mm HO 26W 840 T5 OE

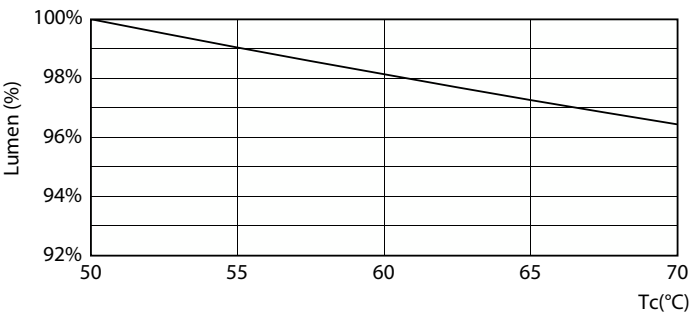


Light Distribution Diagram - MAS LEDtube HF 1500mm HO 26W 840 T5 OE

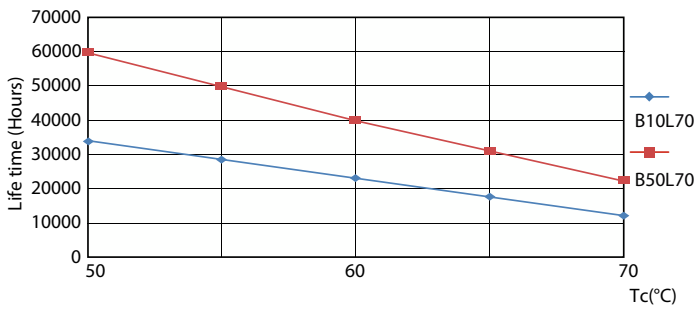


General uniform lighting - MAS LEDtube HF 1500mm HO 26W 840 T5 OE

Lifetime



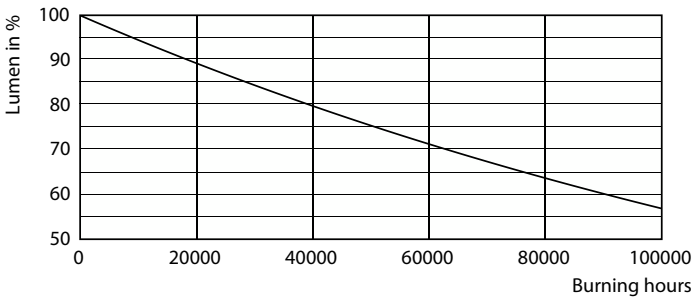
Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 26W 840 T5 OE



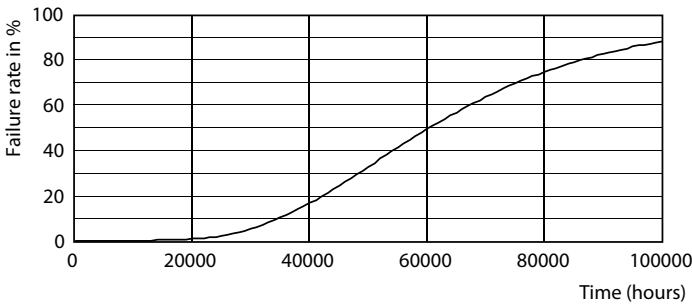
LEDtube 60K 5070 LifetimeVsTc-LED

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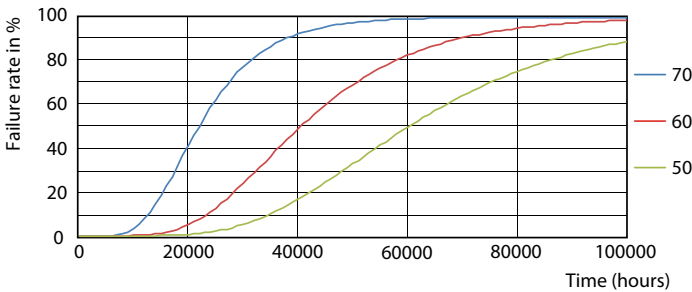
Lifetime



Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 26W 840 T5 OE



Life Expectancy Diagram



LEDtube 60K 5070 FailureRate-LED

