PHILIPS

Lighting

MASTER LED tube Mains T5

MASTER LEDtube 1200mm HO 26W 865 T5

MASTER, LEDtube, T5, Mains, 1200 mm, 26 W, 54W TL5 HO, 6500 K, 3900 lm, CRI 80, 60000 hour(s)

MASTER, LEDtube, T5, Mains, 1200 mm, 26 W, LED alternative to 54W TL5 HO, 6500 K, 3900 lm, CRI 80, 60000 hour(s), 150 lm/W, EEL D, G5, Beam angle 200 degree(s), Glass, 1200 mm, RG0, SDCM 6, PF 0.92, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap-Base	G5
Nominal lifetime	60,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	3,900 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	150 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	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	26 W
Lamp Current (Nom)	125 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	54W TL5 HO
Inrush current at mains	20
Max. lamp no. on MCB B type 10A - Mains	31
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-

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Max. lamp no. on MCB B type 16A - Mains	50
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	Mains

Temperature

T-Case Maximum (Nom)	65 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.215 kg

Approval and Application

Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	26 kWh

EPREL Registration Number	1476414
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

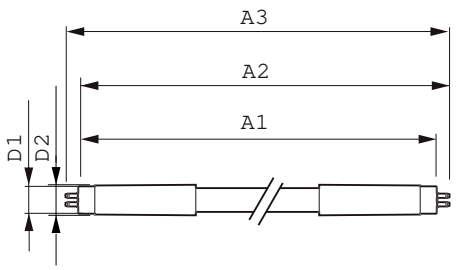
Application Conditions

Wireless Technology	Not applicable

Product Data

Order product name	MAS LEDtube 1200mm HO 26W 865 T5
Full product name	MASTER LEDtube 1200mm HO 26W 865 T5
Full product code	871869681925800
Order code	81925800
Material Nr. (12NC)	929001908702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696819258
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696819265

Dimensional drawing



D1	D2	A1	A2	A3
15.5mm	17.1mm	1149mm	1156mm	1163mm

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 26W 865 T5	15.5 mm	17.1 mm	1,149 mm	1,156 mm	1,163 mm

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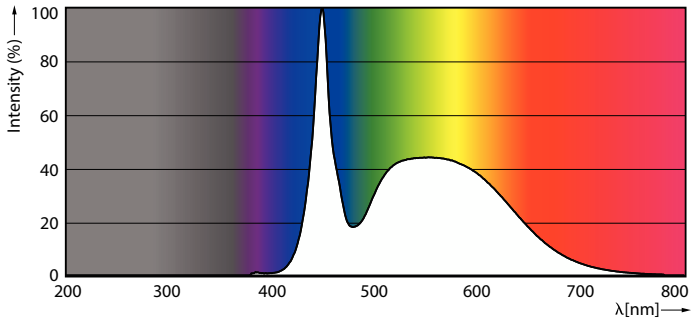
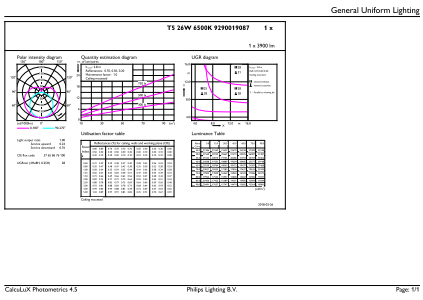
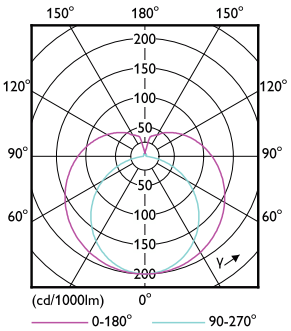
Photometric data



Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 26W 865 T5

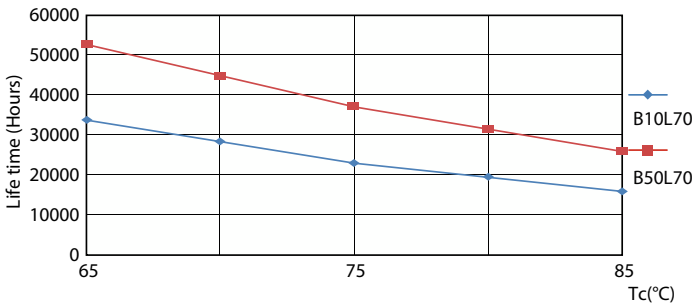


General uniform lighting - MAS LEDtube 1200mm HO 26W 865 T5

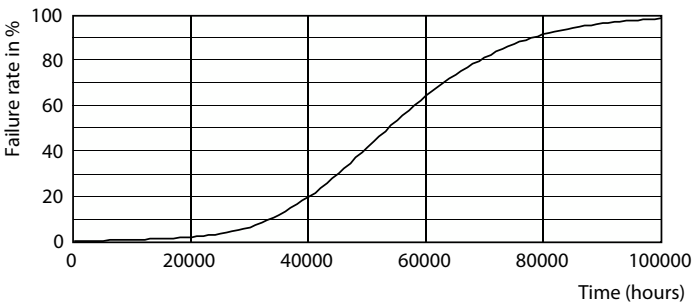


Light Distribution Diagram - MAS LEDtube 1200mm HO 26W 865 T5

Lifetime



LifetimeVsTc



Life Expectancy Diagram

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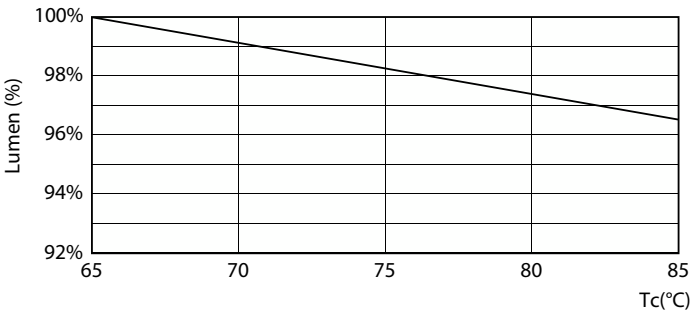
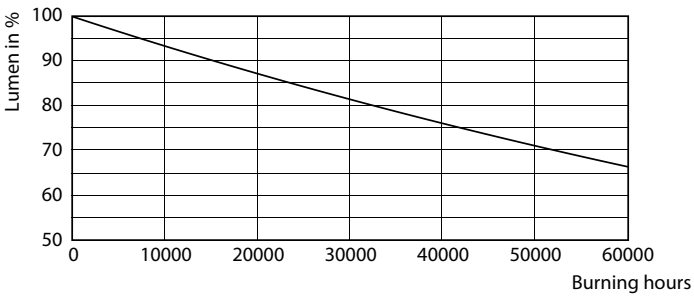
Lifetime





Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 26W 865 T5

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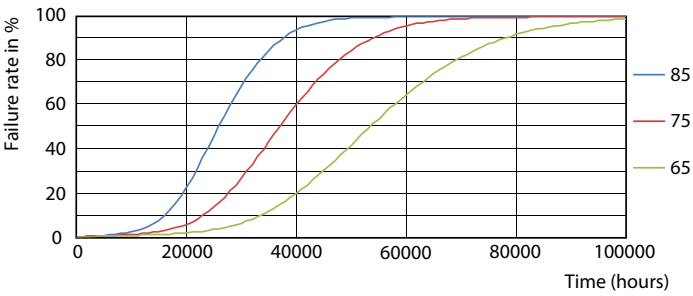

FailureRate

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