PHILIPS

Lighting



MASTER LED tube Mains/DC



MAS LEDtube Mains/EL 600mm 10.5W 840 T5

MASTER, LEDtube, T5, Mains/DC, 600 mm, 10.5 W, 24W TL5 HO, 4000 K, 1600 lm, CRI 80, 60000 h, ELR/EL-DC

MASTER, LEDtube, T5, Mains/DC, 600 mm, 10.5 W, LED alternative to 24W TL5 HO, 4000 K, 1600 lm, CRI 80, 60000 h, 152 lm/W, EEL D, G5, Glass, 0 %, 600 mm, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1, DC operated central emergency lighting, Emergency lighting ready (through compatible battery kit accessory)

Warnings and Safety

- The installation should be performed by qualified professionals in accordance with relevant local code. The modified luminaire shall meet applicable emergency lighting standards. Please use the provided checklist to carry out appropriate risk assessments before, during and after installation.
- Please note that for use with decentralised system, a compatible emergency lighting battery kit (we recommend the EM300V ELB, ELP3 kit HV, EAN: 8719514881136) and safeguard module (EAN: 8721103152213) must also be used.

Product data

General Information	
Cap base	G5
Nominal lifetime	60,000 h
Switching Cycle	200,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	200 degree(s)
Luminous Flux	1,600 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	152 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 62471	RG0

MASTER LED tube Mains/DC

Operating and Electrical	
Input frequency	50 to 60 Hz
Power Consumption	10.5 W
Lamp current (max.)	52 mA
Lamp current (min.)	39 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
LED alternative to fluorescent lamp power	24W TL5 HO
Inrush current at mains	9
Max. lamp no. on MCB B type 10A — Mains	85
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.	-
Max. lamp no. on MCB B type 16A — Mains	135
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/DC
DC Voltage Centralised emergency system	176-276 V
DC Voltage Decentralised emergency system	90-300 V

Temperature	
T-Case maximum (nom.)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	T5
Net Weight (Piece)	0.085 kg

Emergency Operation	
Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting Emergency lighting ready (through compatible battery kit accessory)

Approval and Application	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	11 kWh
EPREL Registration Number	2442024
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C
Post-consumer recycled plastic material ratio	0 %

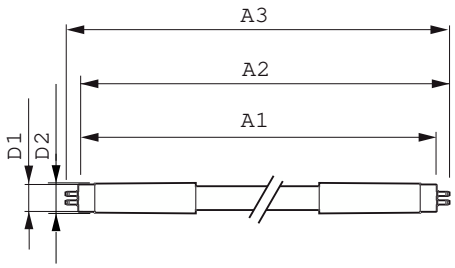
Application Conditions	
Wireless Technology	Not applicable

Sustainability Data	
Product non-virgin material ratio	0 %

Product Data	
Order product name	MAS LEDtube Mains/EL 600mm 10.5W 840 T5
Full product name	MAS LEDtube Mains/EL 600mm 10.5W 840 T5
Full EOC	872110311516400
Order code	929004307002
Material no. (12 NC)	929004307002
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8721103115164
Numerator – packs per outer box	10
EAN/UPC - Case	8721103115171

MASTER LED tube Mains/DC

Dimensional drawing

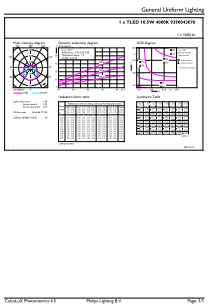


D1	D2	A1	A2	A3
15.7mm	19mm	549mm	556.1mm	563.2mm

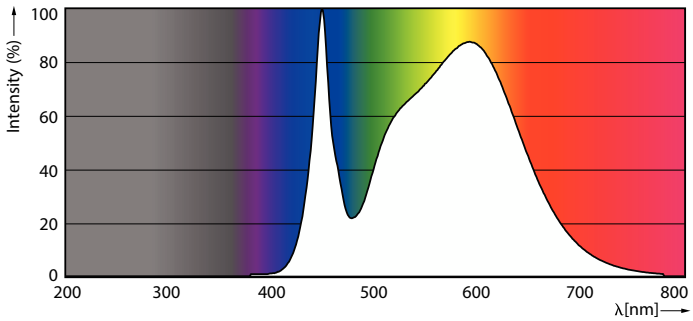
Product

MAS LEDtube Mains/EL 600mm 10.5W 840 T5

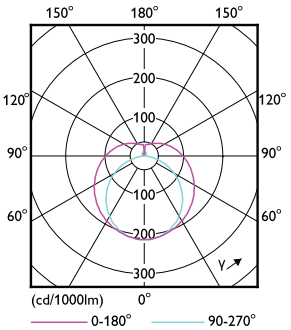
Photometric data



General uniform lighting - MAS LEDtube Mains/EL 600mm 10.5W 840 T5

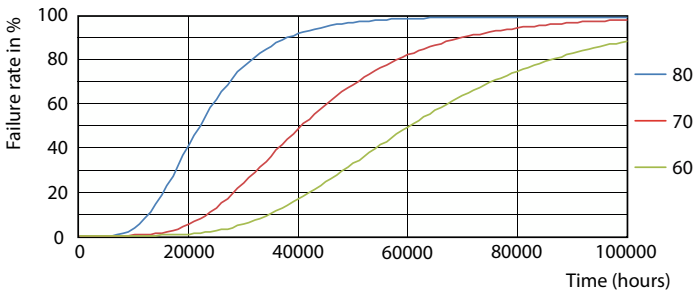


Spectral Power Distribution Colour - MAS LEDtube Mains/EL 600mm 10.5W 840 T5

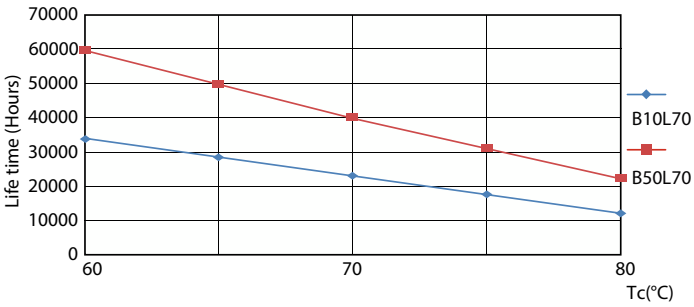


Light Distribution Diagram - MAS LEDtube Mains/EL 600mm 10.5W 840 T5

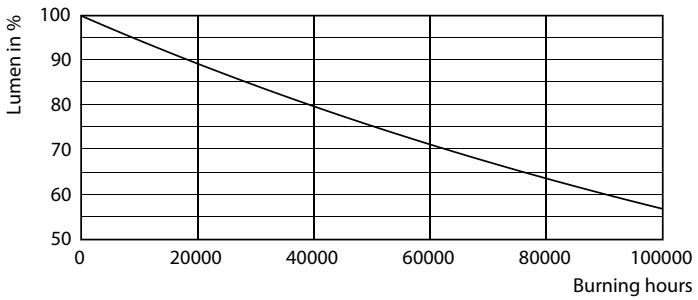
Lifetime



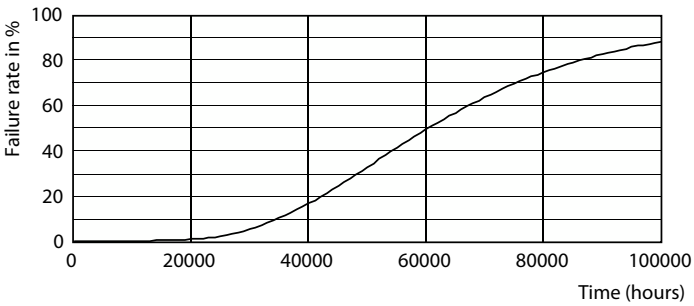
FailureRate



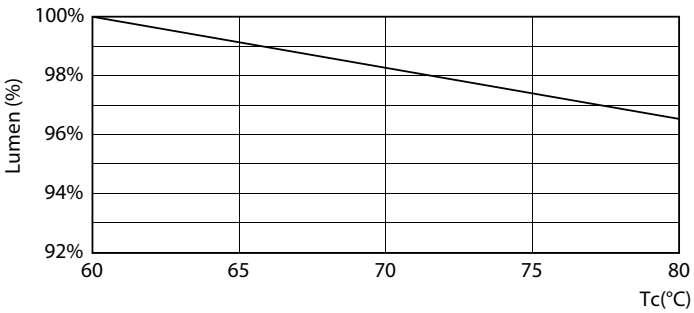
LifetimeVsTc



Lumen Maintenance Diagram - MAS LEDtube Mains/EL 600mm 10.5W 840 T5



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDtube Mains/EL 600mm 10.5W 840 T5

MASTER LED tube Mains/DC

© 2026 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2026, May 22 - data subject to change