PHILIPS

Lighting



MasterConnect LEDtube EM/Mains T8

MAScon LEDtube IA 1500mm UO 25.5W840 T8

Philips MasterConnect LEDtube EM/Mains T8 makes it easy to upgrade to a connected lighting system. Its 2.4 GHz mesh networking technology enables wireless integration with a variety of control devices, such as sensors and switches. The result? Even more energy saving and enhanced flexibility in your space. Through dimming, occupancy sensing and/or daylight harvesting, lamps deliver 50% or more energy saving thanks to MasterConnect technology.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime (nom.)	50000 h
Switching cycle	200000X
B50L70	50000 h

Light Technical	
Colour code	840 [CCT of 4000K (841)]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	3700 lm
Luminous flux (rated) (nom.)	3700 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	4000 K
Colour consistency	<6
Color rendering index (nom.)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	25.5 W
Lamp current (max.)	117 mA
Lamp current (min.)	108 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

Temperature	
T ambient (max.)	45 °C
T ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	45 °C

Mechanical and Housing	
Product length	1500 mm

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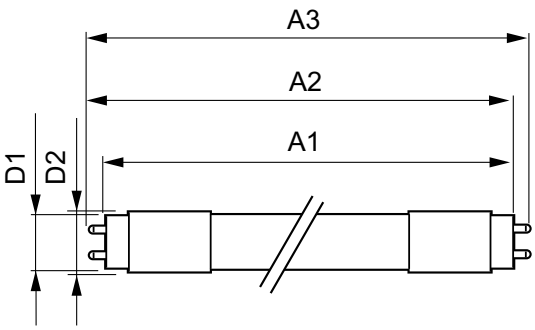
Approval and Application	
Energy-saving product	Yes
Energy efficiency label (EEL)	A++
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	26 kWh

Product Data	
Full product code	871869677350500
Order product name	MAScon LEDtube IA 1500mm UO 25.5W840 T8

EAN/UPC – product	8718696773505
Order code	77350500
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001814102
Net weight (piece)	0.310 kg

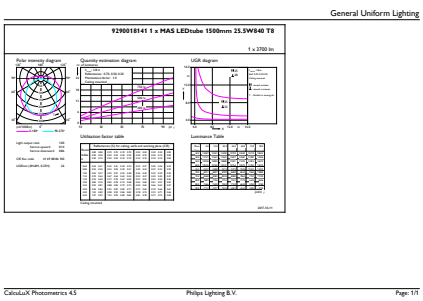
Dimensional drawing

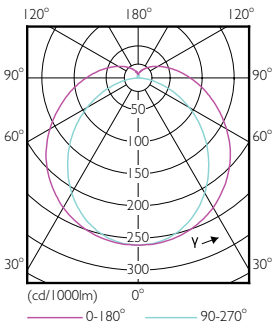


Product	D1	D2	A1	A2	A3
MAScon LEDtube IA 1500mm UO 25.5W840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

TLED 1500mm 24.5W 3700lm 4000K G13 D

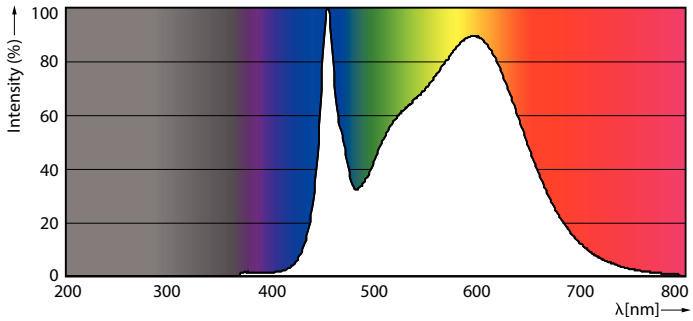
Photometric data





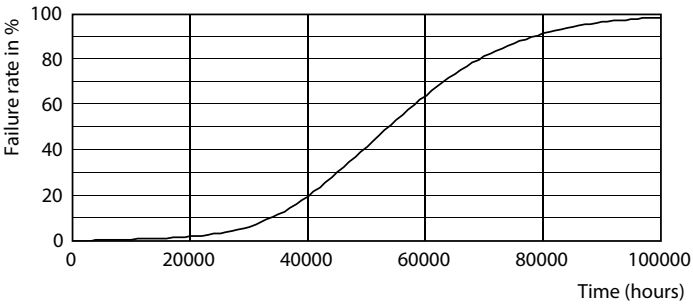
16-5W G13 830 3000K

Photometric data

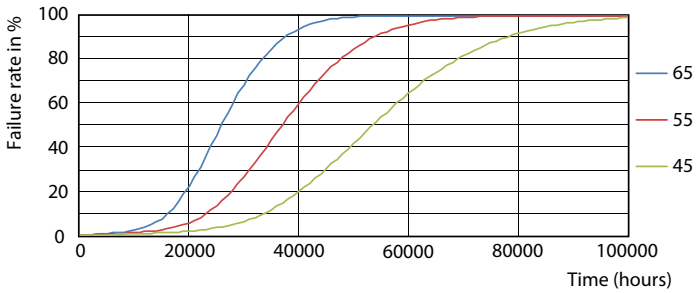


25-5W G13

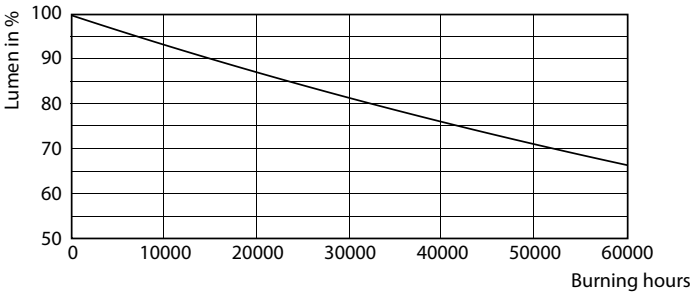
Lifetime



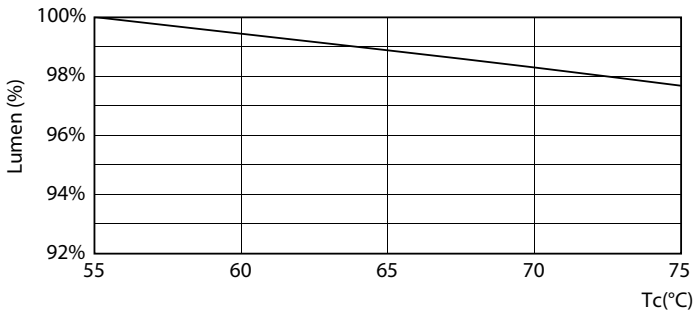
16-5W G13



16-5W G13



16-5W G13



16-5W G13

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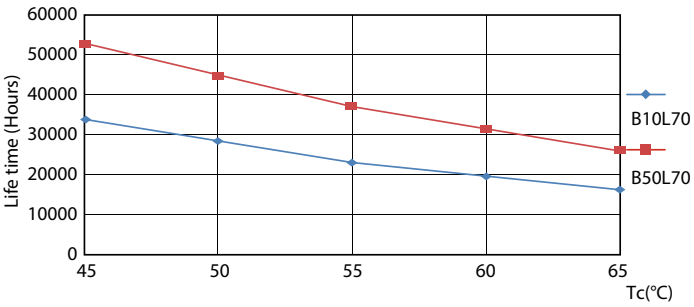
Lifetime



16-5W G13

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