

# MasterConnect LEDtube EM/Mains T8

## MASTERConnect 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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	200,000X
Light Technical	
Colour Code	840 [ CCT of 4,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	3700 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	145.10 lm/W
Colour consistency	<6
Colour 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

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## Controls and Dimming

Dimmable Wireless Dim

## Mechanical and Housing

Product length 1500 mm

## Approval and Application

Energy efficiency label (EEL) A++

Energy-saving product Yes

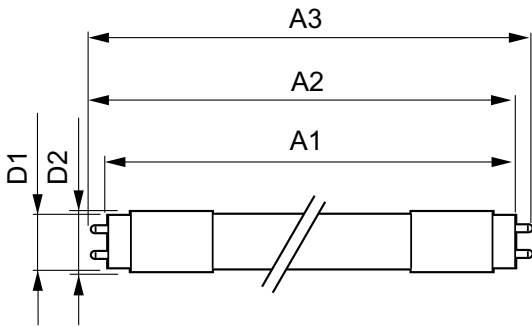
Approval marks CE marking RoHS compliance KEMA Keur certificate

Energy consumption kWh/1,000 hours 26 kWh

## Product Data

Full product code	871869677350500
Order product name	MASTERConnect LEDtube IA 1500mm UO 25.5W840 T8
EAN/UPC – product	8718696773505
Order code	77350500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001814102
SAP net weight (piece)	0.310 kg

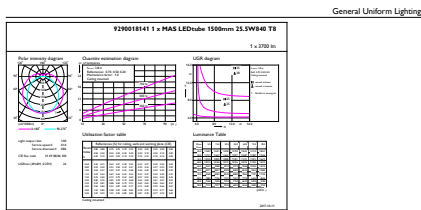
## Dimensional drawing



TLED 1500mm 24.5W 3700lm 4000K G13 D

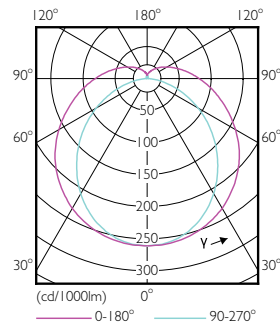
Product	D1	D2	A1	A2	A3
MASTERConnect LEDtube IA 1500mm UO 25.5W840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

## Photometric data



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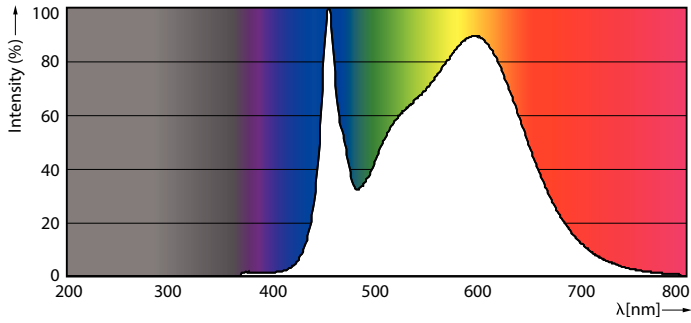
25-5W G13 840 4000K



16-5W G13 830 3000K

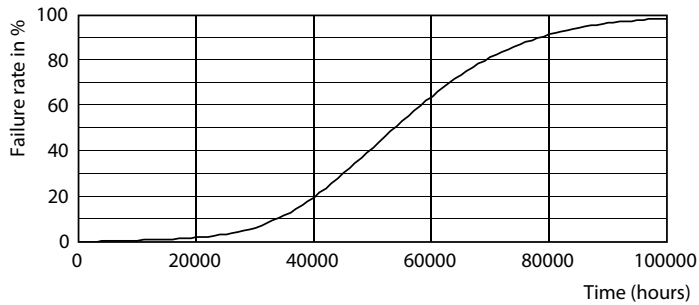
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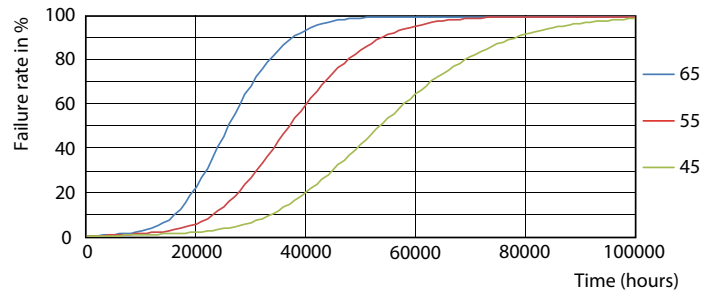


25-5W G13

## Lifetime



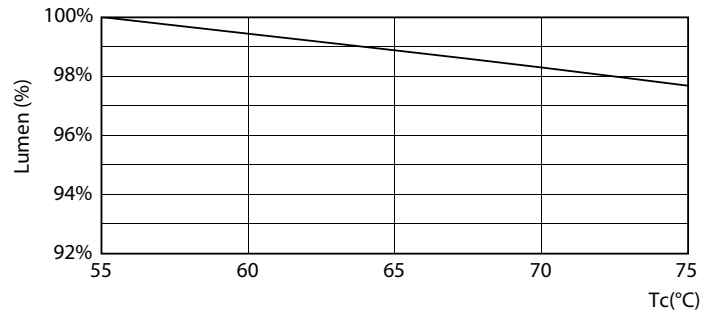
16-5W G13



16-5W G13



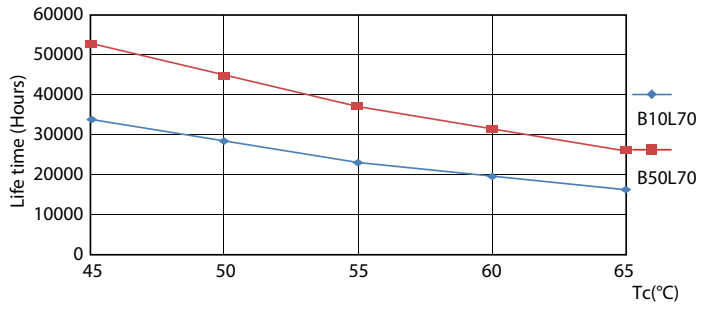
16-5W G13



16-5W G13

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## Lifetime



16-5W G13

