**PHILIPS** 

Lighting

# MasterConnect LEDtube EM/mains T8

# MasterConnect LEDtube IA 1500mm UO 25W865 T8

Introducing MasterConnect LED lamps – smart retrofit LED lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app, MasterConnect LED lamps can be programmed to maximise energy savings, while providing wireless and automated light for your comfort and convenience. What's more, it is fully scalable and upgradable. If you want to enjoy further benefits, such as remote control or management dashboard, you can simply keep the currently installed lamps and add a gateway to experience all the advantages of a cloud-based system. There's no better way to take lighting solutions to the next level.

#### **Product data**

General Information	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200,000X
Technical type	25-58W
	Sphere
Light Technical	
Colour Code	865 [ CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	3700 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K

Luminous efficacy (rated) (nom.)	148.00 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 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



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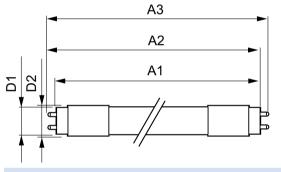


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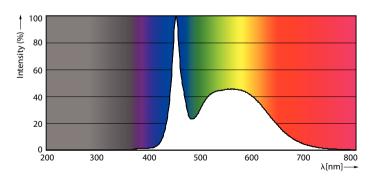
Voltage (Nom)	220-240 V	
Temperature		
T-ambient (max.)	45 °C	
T-ambient (min.)	-20 °C	
T storage (max.)	65 ℃	
T storage (min.)	-40 °C	
T-Case maximum (nom.)	65 ℃	
Controls and Dimming		
Dimmable	Wireless Dim	
Mechanical and Housing		
Product length	1500 mm	
Bulb shape	Tube, double-ended	
Approval and Application		
Energy Efficiency Class	D	

Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur
	certificate
Energy consumption kWh/1,000 hours	25 kWh
	406203
Product Data	
Full product code	871869966978200
Order product name	MasterConnect LEDtube IA 1500mm UO
	25W865 T8
EAN/UPC – product	8718699669782
Order code	66978200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002210902
SAP net weight (piece)	0.450 kg

### **Dimensional drawing**



	D1	D2	A1	A2	A3
MasterConnect LEDtube	25.8	28 mm	1498.7	1505.8	1512.9
IA 1500mm UO 25W865	mm		mm	mm	mm
Т8					



#### MC LEDtube 25W G13 3700lm 865

#### MC LEDtube G13 865

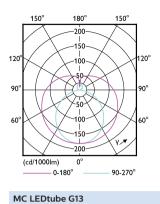
TLED 5ft 230V 25.5-58W 3700lm 6500K G13

## Photometric data

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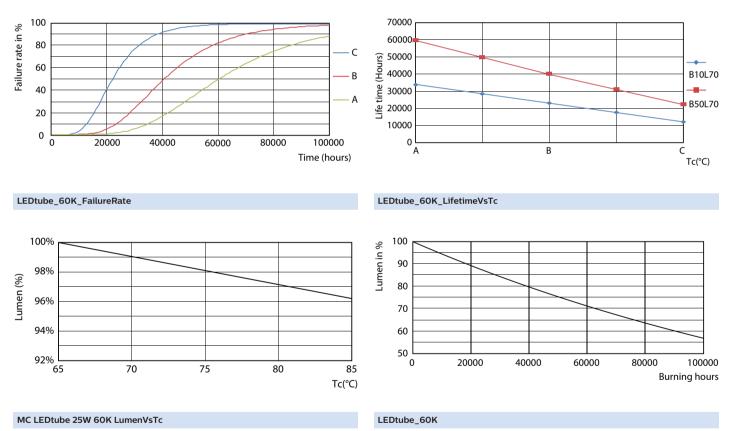
Datasheet, 2021, December 21

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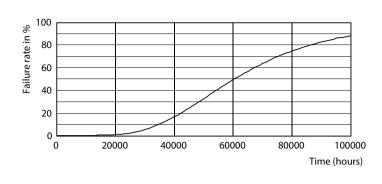


# Photometric data





# MasterConnect LEDtube EM/mains T8



LEDtube\_60K

Lifetime



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