PHILIPS

Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube Sensor 1500mm HO 24W840 T8

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
B50L70	50000 h

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	3100 lm
Luminous Flux (Rated) (Nom)	3100 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	4000 K
Color 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)	24 W
Lamp Current (Max)	118 mA
Lamp Current (Min)	98 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)	60 °C

Controls and Dimming	
Dimmable	Yes

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	24 kWh

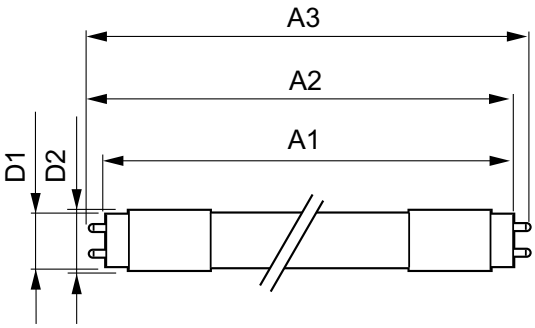
Product Data	
Full product code	871869680606700
Order product name	MAS LEDtube Sensor 1500mm HO 24W840 T8

EAN/UPC - Product	8718696806067
Order code	929001878702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001878702
Net Weight (Piece)	0.270 kg

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

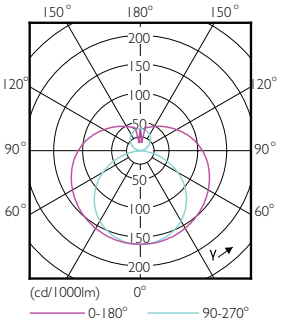
Dimensional drawing



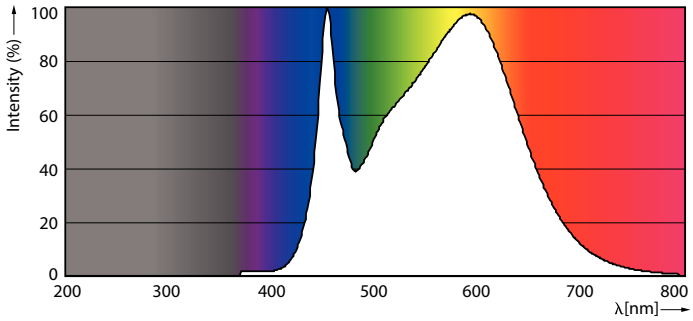
TLED 1500mm 24-58W 3100lm 4000K G13 D

Product	D1	D2	A1	A2	A3
MAS LEDtube Sensor 1500mm HO 24W840 T8	25.8 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



16-5W G13 840 4000K



16-5W G13

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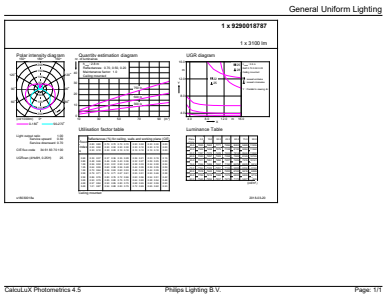
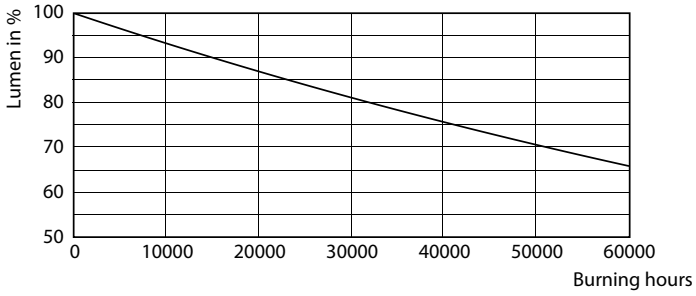
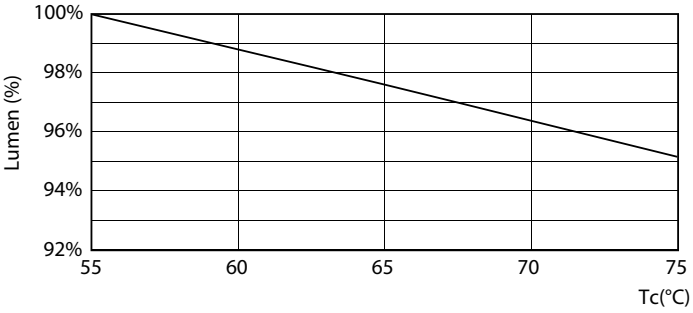
Photometric data



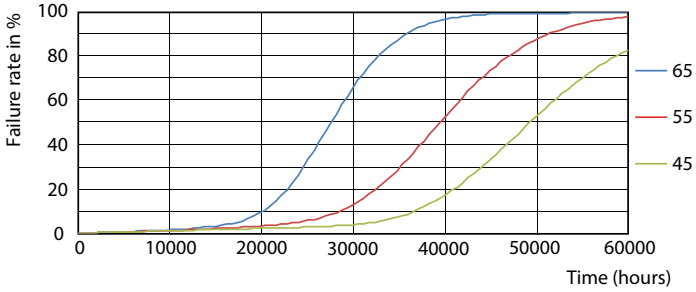
Lifetime



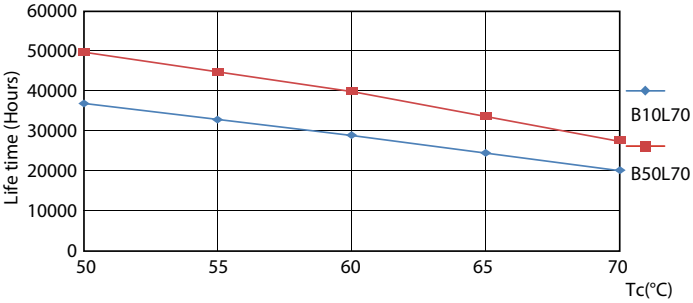
16-5W G13



24W G13



16-5W G13



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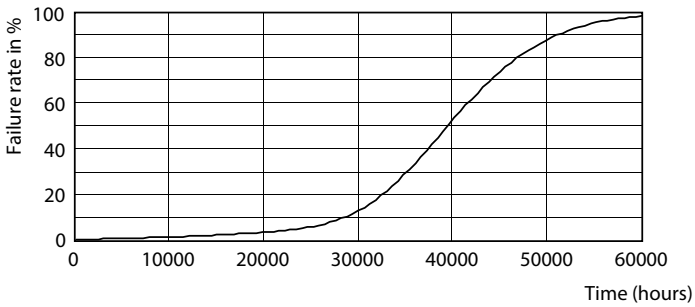
Lifetime



16-5W G13

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