



MASTER LEDtube EM/ Mains T8

MAS LEDtube STD 1200mm 14W840 T8 I W

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. This product is the ideal solution for up lighting in general lighting applications.

Warnings and Safety

- -
- -

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

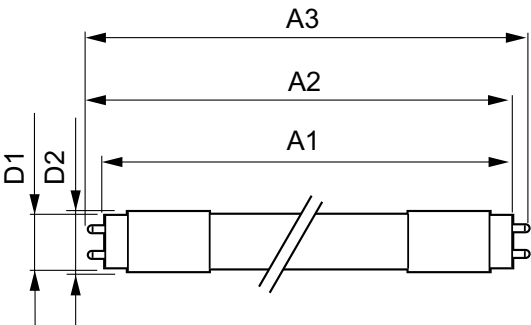
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	14 W
Lamp Current (Max)	170 mA
Lamp Current (Min)	50 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	100-277 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C

MASTER LEDtube EM/Mains T8

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	14 kWh

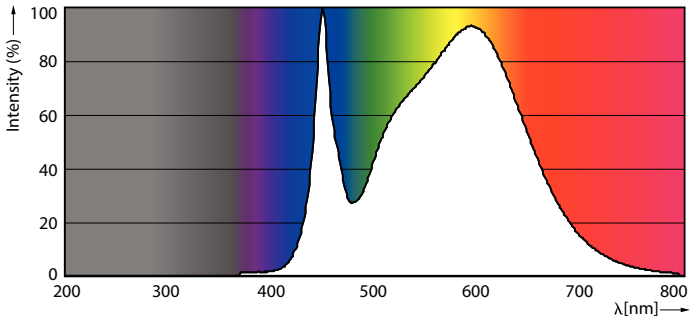
Product Data	
Order product name	MAS LEDtube STD 1200mm 14W840 T8 I W
Full product name	MAS LEDtube STD 1200mm 14W840 T8 I W
Order code	929001375412
Material Nr. (12NC)	929001375412
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677473761
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677471908

Dimensional drawing

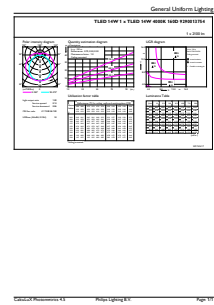


Product	D1	D2	A1	A2	A3
MAS LEDtube STD 1200mm 14W840 T8 I W	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data



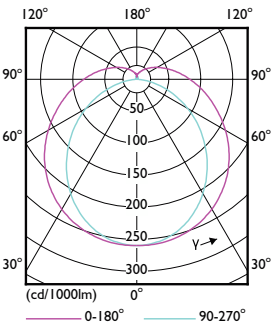
Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 14W840 T8 I W



General uniform lighting - MAS LEDtube STD 1200mm 14W840 T8 I W

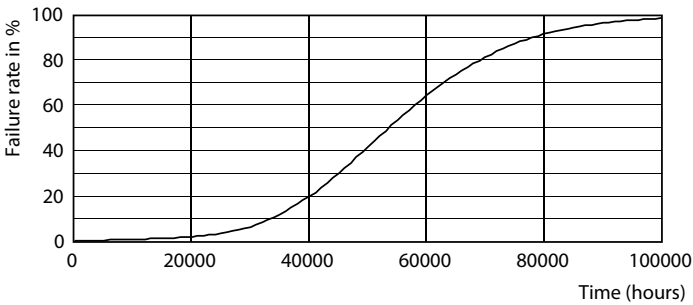
MASTER LEDtube EM/Mains T8

Photometric data

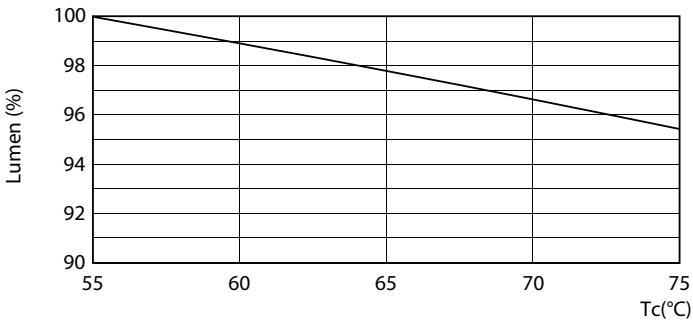


Light Distribution Diagram - MAS LEDtube STD 1200mm 14W840 T8 I W

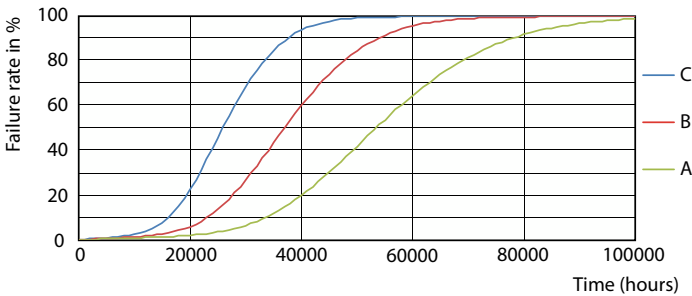
Lifetime



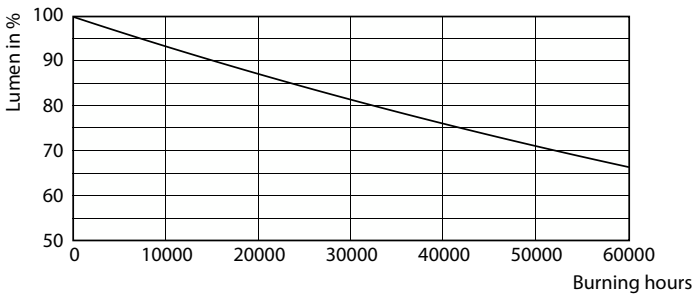
Life Expectancy Diagram - MAS LEDtube STD 1200mm 14W840 T8 I W



Lumen Maintenance Diagram - MAS LEDtube STD 1200mm 14W840 T8 I W



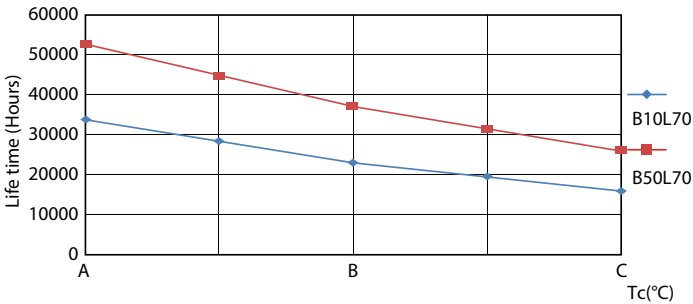
Life Expectancy Diagram - MAS LEDtube STD 1200mm 14W840 T8 I W



Lumen Maintenance Diagram - MAS LEDtube STD 1200mm 14W840 T8 I W

MASTER LEDtube EM/Mains T8

Lifetime



Life Expectancy Diagram - MAS LEDtube STD 1200mm 14W840 T8 I W

