



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1500mm HO 20W830 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. 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	830 [CCT of 3000K]
Luminous Flux	2,900 lm
Correlated Color Temperature (Nom)	3000 K
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

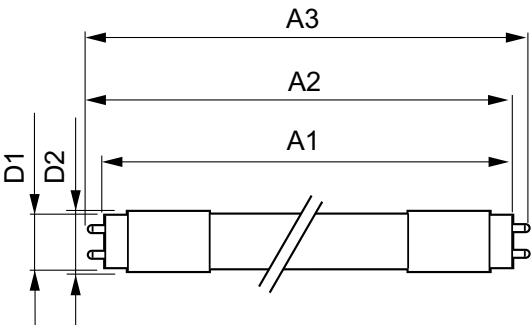
Input Frequency	50 to 60 Hz
Power Consumption	20 W
Lamp Current (Max)	94 mA
Lamp Current (Min)	86 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No

MASTER LEDtube EM/Mains T8

Mechanical and Housing	
Product Length	1,500 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
Product Data	
Order product name	MAS LEDtube 1500mm HO 20W830 T8

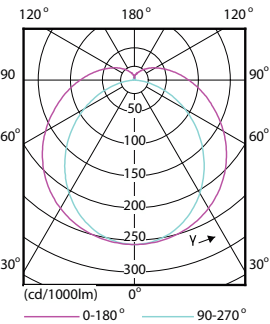
Full product name	MAS LEDtube 1500mm HO 20W830 T8
Full product code	871869668712300
Order code	929001298602
Material Nr. (12NC)	929001298602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696687123
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696687130

Dimensional drawing

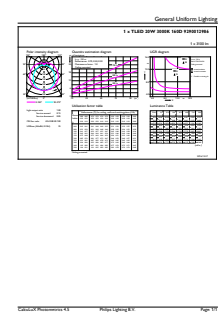


Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm HO 20W830 T8	25.78 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm HO 20W830 T8



General uniform lighting - MAS LEDtube 1500mm HO 20W830 T8

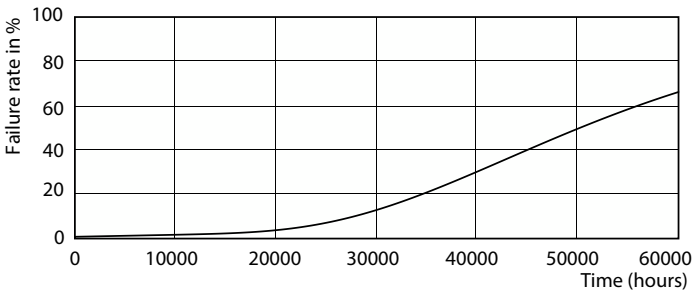
MASTER LEDtube EM/Mains T8

Photometric data

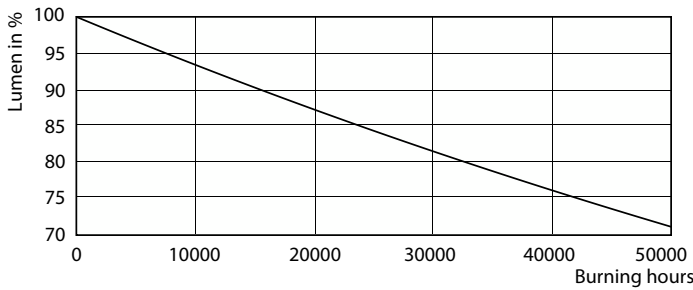


Spectral Power Distribution Colour - MAS LEDtube 1500mm HO 20W830 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube 1500mm HO 20W830 T8



Lumen Maintenance Diagram - MAS LEDtube 1500mm HO 20W830 T8

