



MASTER LEDtube EM/ Mains

MAS LEDtube 1500mm HO 18.2W 830 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.

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
RoHS mark	RoHS mark
Nominal lifetime (nom.)	50000 h
Switching cycle	200000X
B50L70	50000 h

Light Technical	
Colour code	830 [CCT of 3,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2900 lm
Luminous flux (rated) (nom.)	2900 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	3000 K
Colour 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)	18.2 W
Lamp current (max.)	87 mA
Lamp current (min.)	79 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.)	55 °C

Controls and Dimming	
Dimmable	No

MASTER LEDtube EM/Mains

Mechanical and Housing

Product length 1500 mm

Approval and Application

Energy efficiency label (EEL) A++
 Energy-saving product Yes
 Approval marks RoHS compliance CE marking KEMA Keur certificate
 Energy Consumption kWh/1000 h 19 kWh

Product Data

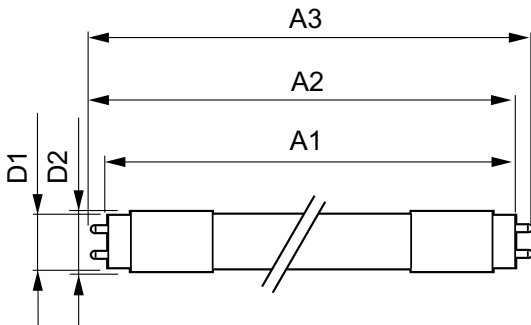
Full product code 871869959241700

Order product name MAS LEDtube 1500mm HO 18.2W 830 T8
 EAN/UPC – product 8718699592417
 Order code 59241700
 Numerator – quantity per pack 1
 Numerator – packs per outer box 10
 Material no. (12NC) 929001922902
 Net weight (piece) 0.310 kg

Warnings and Safety

• -

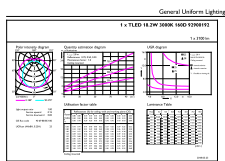
Dimensional drawing



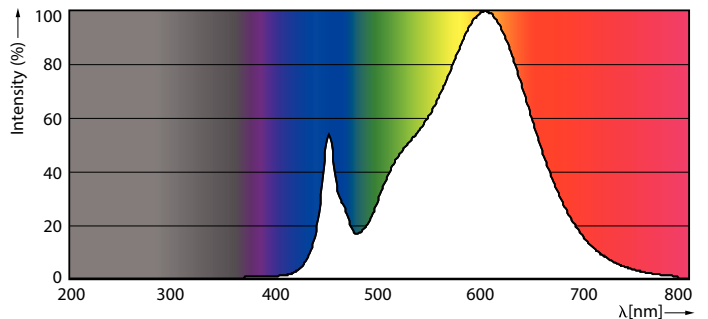
TLED master HE 2900lm 18.2w 5ft 3000k

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm HO 18.2W 830 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

Photometric data



General Uniform Lighting

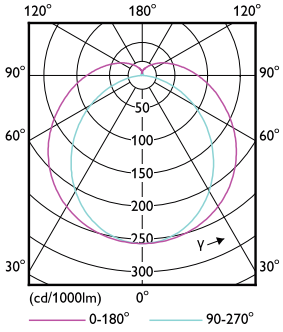


LEDtube MAS HO 18.2W G13 830 16D ND

LEDtube MAS HO 12.5W G13 830 16D ND

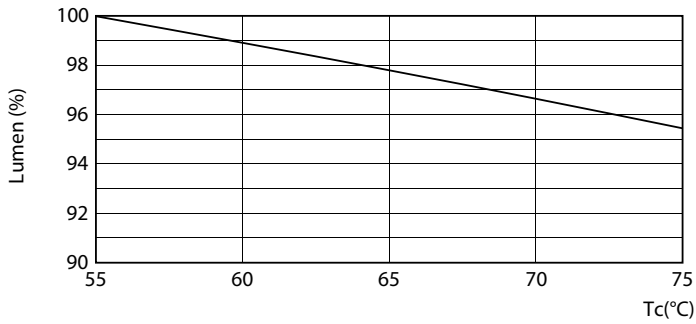
MASTER LEDtube EM/Mains

Photometric data

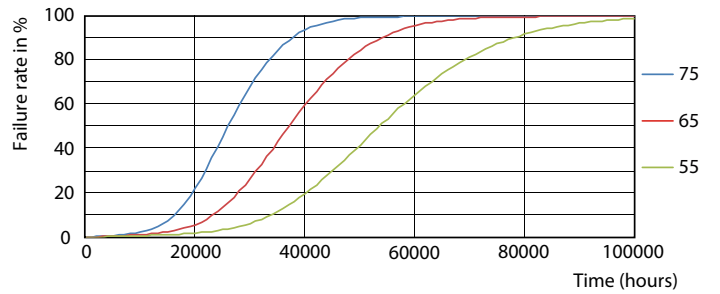


LEDtube MAS HO 12.5W G13 830 16D ND

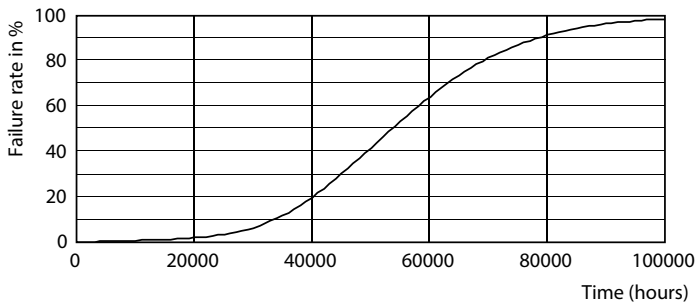
Lifetime



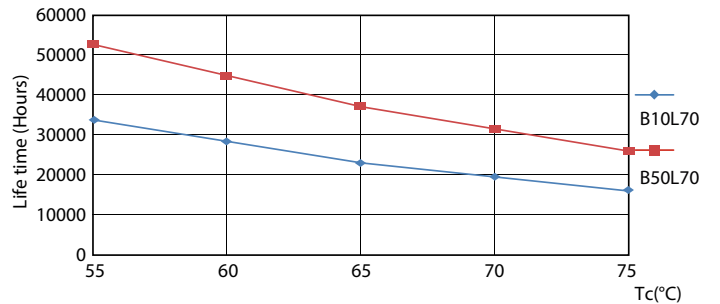
LEDtube MAS HO 18.2W G13 830 16D ND



LEDtube MAS HO 12.5W G13 830 16D ND



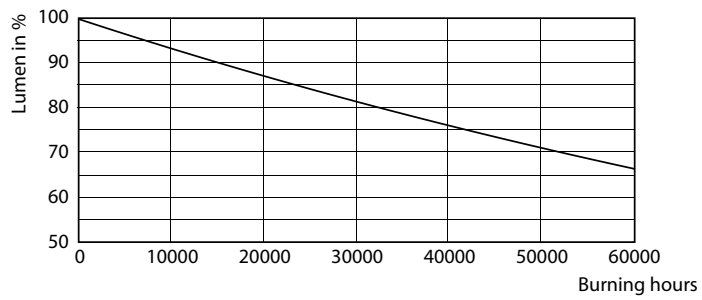
LEDtube MAS HO 12.5W G13 830 16D ND



LEDtube MAS HO 12.5W G13 830 16D ND

MASTER LEDtube EM/Mains

Lifetime



LEDtube MAS HO 12.5W G13 830 16D ND

