



MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1200mm HO 18W830 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. The MASTER LEDtube Performance is the ideal solution for customers which have higher light requirements and the want to maximize value over lifetime.(need the longest lifetime). Full energy savings and TCO benefits.

Product data

• General Characteristics

Main Application	Industrial
Cap-Base	G13
Rated Lifetime (hours)	40000 hr
Nominal Lifetime hours	40000 hr
B50L70	40000

• Light Technical Characteristics

Color Code	830
Beam Angle	160 D
Correlated Color Temperature	3000 K
Color rendering index	83
Rated Luminous Flux	2000 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	6 steps
Rated Beam Angle	160 D

• Electrical Characteristics

Wattage	18 W
Voltage	50-100 V
Line Frequency	25000/80000 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	18.0 W
Starting Time	0.5 (max) s
Lamp voltage	50-100 V
Warm-up Time to 60% Light Outp	instant full light
Energy saving product	Yes

Suitable for accent lighting No

• Temperature Characteristics

T-case maximum	40 (max) C
Operating temperature	-20 (min), 35 (max) C
T-Storage	-40 (min), 65 (max) C

• Environmental characteristics

Energy Efficiency Label (EEL)	A+
Energy consumption kWh/1000h	22 kWh

• Measuring Conditions

Switching cycle	50000X
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• Product Dimensions

Length A1	1198.0 mm
Fixing Hole Distance A2 Length	1205.0 mm
Length A3	1212.0 mm
Mounting hole diameter	25.6 mm
Circular outline dimension	28 mm

• Approval & Application Chars

VDE marking	No
CE marking	Yes
UL certificate	No



PHILIPS

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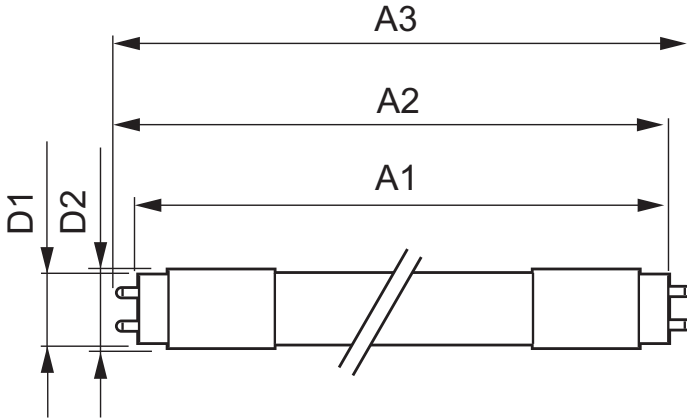
RoHS compliance Yes
 KEMA Keur certificate Yes

Pieces per pack 1
 Packing configuration 10
 Packs per outerbox 10
 Bar code on pack - EAN1 8718696514566
 Bar code on outerbox - EAN3 8718696514573
 Logistic code(s) - 12NC 929001180002
 Net weight per piece 0.360 kg

• Product Data

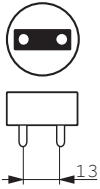
Order code 929001180002
 Full product code 929001180002
 Full product name MASTER LEDtube HF 1200mm HO 18W830 T8
 Order product name MST LEDtube HF 1200mm HO 18W830 T8

Dimensional drawing



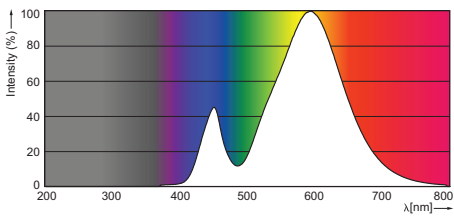
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Product	A (Norm)	A1 (Norm)	A2 (Norm)	A3 (Norm)	B (Min)	B (Norm)	B (Max)	D (Min)	D (Norm)	D (Max)	D1 (Norm)	D2 (Norm)
LEDtube HF 1200mm HO 18W830 T8	-	1198.0	1205.0	1212.0	-	-	-	-	-	-	25.6	28



G13

Photometric data



LEDtube HF 1200mm HO 18W /830 T8



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www.philips.com/lighting

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data subject to change