



MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1200mm HO 18W840 T8 ROT

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 Characteristics

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

• Light Technical Characteristics

Colour Code	840
Beam Angle	160 D
Correlated Colour Temperature	4000 K
Colour rendering index	83
Rated Luminous Flux	2100 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
-----------------	--------

• 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

MASTER LEDtube InstantFit HF

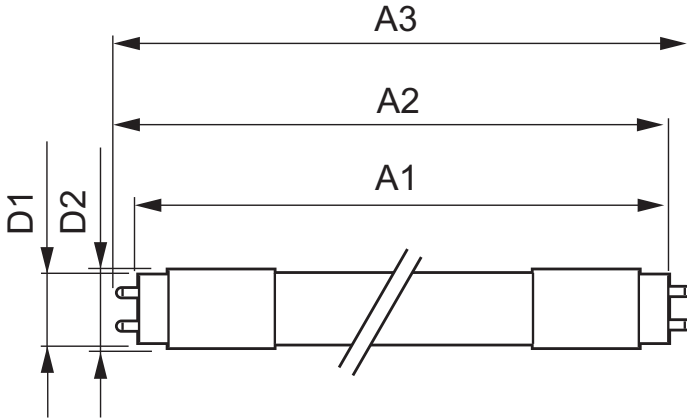
RoHS compliance Yes
 KEMA Keur certificate Yes

Pieces per pack 1
 Packing configuration 10
 Packs per outerbox 10
 Bar code on pack - EAN1 8718696471258
 Bar code on outerbox - EAN3 8718696471265
 Logistic code(s) - 12NC 929001155102
 Net weight per piece 0.360 kg

• **Product Data**

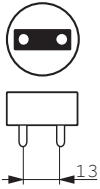
Order code 471258 00
 Full product code 871869647125800
 Full product name MASTER LEDtube HF 1200mm HO 18W840 T8 ROT
 Order product name MST LEDtube HF 1200mm HO 18W840 T8 ROT

Dimensional drawing



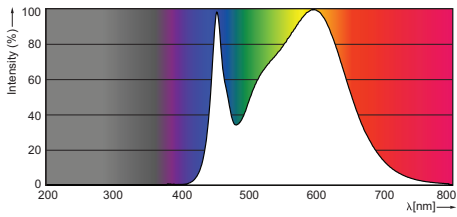
MASTER LEDtube HF 1200mm HO 18W840 T8 ROT

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 18W840 T8 ROT	-	1198.0	1205.0	1212.0	-	-	-	-	-	-	25.6	28



G13

Photometric data



LEDtube HF 1200mm HO 18 W /840 T8 ROT



© 2015 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, October 15
data subject to change