

MASTER LEDtube InstantFit HF T8

MASTER LEDtube HF 1500mm HO 25W830 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.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 degree(s)
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	25000-80000 Hz
Input Frequency	25000-80000 Hz
Power Consumption	25 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	50-100 V

Temperature	
Ambient temperature range	-20 °C to 35 °C
T-Case Maximum (Nom)	45 °C

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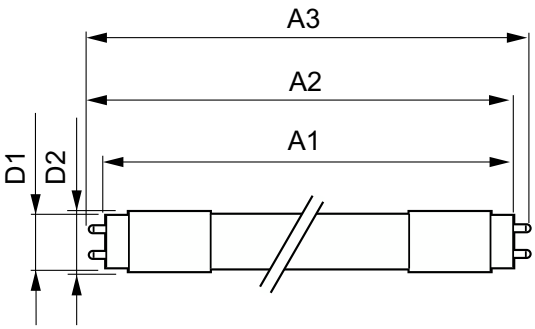
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	59-1/16 inch

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	30 kWh

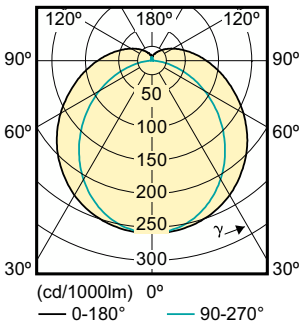
Product Data	
Order product name	MAS LEDtube HF 1500mm HO 25W830 T8
Full product name	MASTER LEDtube HF 1500mm HO 25W830 T8
Full product code	871869651458000
Order code	51458000
Material Nr. (12NC)	929001179302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696514580
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696514597

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm HO 25W830 T8	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm

Photometric data



Light Distribution Diagram - MAS LEDtube HF 1500mm HO 25W830 T8



Spectral Power Distribution Colour - MAS LEDtube HF 1500mm HO 25W830 T8

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2023, April 29 - data subject to change