



# MASTER LEDtube InstantFit HF

# MASTER LEDtube HF 600mm 10.5W830 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 lamping in general lighting applications.

### **Product data**

General Information				
Cap base	G13 [ Medium Bi-Pin Fluorescent]			
Main application	Industrial			
Nominal lifetime (nom.)	50000 h			
Switching cycle	50000X			
B50L70	50000 h			
Light Technical				
Colour code	830 [ CCT of 3,000 K]			
Beam Angle (Nom)	160 °			
Luminous flux (nom.)	1000 lm			
Luminous flux (rated) (nom.)	1000 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	20000-80000 Hz			

Power (Rated) (Nom)	10.5 W		
Lamp current (max.)	400 mA		
Lamp current (min.)	200 mA		
Starting time (nom.)	0.5 s		
Warm-up time to 60% light (nom.)	0.5 s		
Power factor (nom.)	0.9		
Voltage (Nom)	30-80 V		
Temperature			
T storage (max.)	65 °C		
T storage (min.)	-40 °C		
T-Case maximum (nom.)	40 °C		
Controls and Dimming			
Dimmable	no		
Mechanical and Housing			
Product length	600 mm		

Datasheet, 2019, May 7 data subject to change

# **MASTER LEDtube InstantFit HF**

Approval and Application		
Energy efficiency label (EEL)	A+	
Energy-saving product	Yes	
Suitable for accent lighting	No	
Energy Consumption kWh/1000 h	14 kWh	
Product Data		
Full product code	871869655965900	

MASTER LEDtube HF 600mm 10.5W830 T8

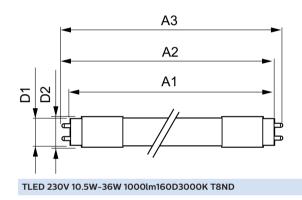
EAN/UPC - product	8718696559659		
Order code	55965900		
Numerator – quantity per pack	1		
Numerator – packs per outer box	10		
Material no. (12NC)	929001219502		
Net weight (piece)	0.160 kg		

## **Warnings and Safety**

Full product code
Order product name

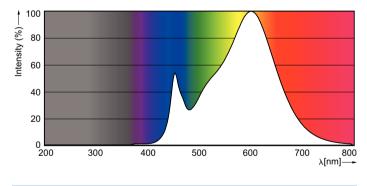
• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

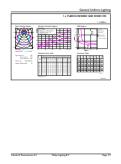
# Dimensional drawing



Product	D1	D2	A1	A2	А3
MASTER LEDtube HF	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm
600mm 10.5W830 T8					

# Photometric data



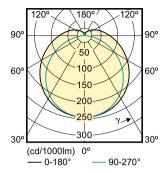


TLED 230V 10.5W-36W 1000lm /830 160D T8ND

TLED 230V 10.5W-36W 1000lm /830 160D T8ND

# **MASTER LEDtube InstantFit HF**

## Photometric data





© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.