

# MasterClass LEDtube InstantFit T8

# 12T8/48-3000 IF 10/1 TAA

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solutionsuitable for replacing T8 fluorescent lamps, using an exisiting ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

### **Product data**

General Information						
Cap-Base	G13 [Medium Bi-Pin Fluorescent]					
Nominal lifetime	50,000 hour(s)					
Switching Cycle	50,000 LED					
Lighting Technology						
EU RoHS compliant	Yes					
Light Technical						
Color Code	830 [CCT of 3000K]					
Luminous Flux	1,500 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	50 to 60 Hz					
Input Frequency	50 to 60 Hz					
Power Consumption	12 W					
Lamp Current (Max)	150 mA					

Lamp Current (Min)	60 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	50 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	CE marking UL certificate RoHS compliance			
	KEMA Keur certificate			

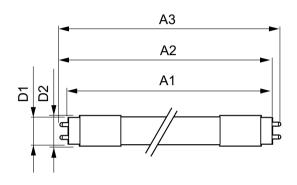
Datasheet, 2023, December 6 data subject to change

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Energy Consumption kWh/1000 h	14.5 kWh			
Product Data				
Order product name	12T8/48-3000 IF 10/1 TAA			
Full product name	12T8/48-3000 IF 10/1 TAA			
Order code	929001123934			
Material Nr. (12NC)	929001123934			

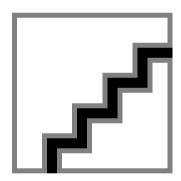
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677464202		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677464207		

## Dimensional drawing

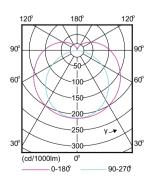


Product	D1	D2	A1	A2	А3
12T8/48-3000 IF 10/1 TAA	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

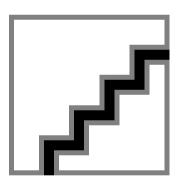
### Photometric data







Light Distribution Diagram - 12T8/48-3000 IF 10/1 TAA



General uniform lighting - 12T8/48-3000 IF 10/1 TAA

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