

# MasterClass LEDtube InstantFit T8

# 10T8/48-5000 IF 10/1

The MasterClass InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using the existing ballast. MasterClass TLEDs feature a shatter-resistant polycarbonate construction, 70,000 hour life and a standard 7-year limited warranty. When maximum energy savings and long life are needed, Philips MasterClass TLED are the solution.

### **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	850 [CCT of 5000K]				
Luminous Flux	1,600 lm				
Correlated Color Temperature (Nom)	5000 K				
Color Consistency	<6				
Color rendering index (CRI)	82				
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	10 W				
Starting Time (Nom)	0.5 s				

Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277, 347 V			
Temperature				
Ambient temperature range	-4 °F to 113 °F			
T-Case Maximum (Nom)	104 °F			
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	UL certificate RoHS compliance DLC			
	compliance			
Energy Consumption kWh/1000 h	pption kWh/1000 h - kWh			

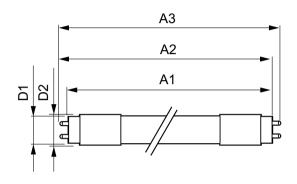
Datasheet, 2023, October 20 data subject to change

## MasterClass LEDtube InstantFit T8

Energy Certifications	DLC Standard		
Product Data			
Order product name	10T8/48-5000 IF 10/1		
Full product name	10T8/48-5000 IF 10/1		
Order code	468298		
Material Nr. (12NC)	929001124264		

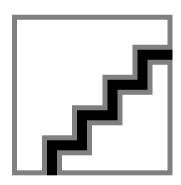
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677472221
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677468298

## Dimensional drawing



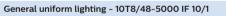
Product	D1	D2	A1	A2	A3
10T8/48-5000 IF 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

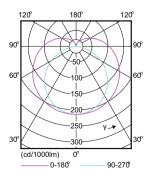
### Photometric data





Spectral Power Distribution Colour - 10T8/48-5000 IF 10/1





Light Distribution Diagram - 10T8/48-5000 IF 10/1

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