

# MasterClass LEDtube InstantFit T8

# 10T8/48-2700 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	827 [CCT of 2700K]		
Luminous Flux	1,400 lm		
Correlated Color Temperature (Nom)	2700 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		
Approval Marks	UL certificate RoHS compliance		
Product Data			
Order product name	10T8/48-2700 IF 10/1		

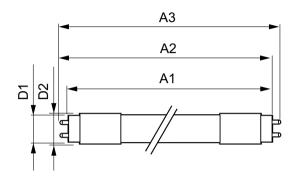
Datasheet, 2023, October 20 data subject to change

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Full product name	10T8/48-2700 IF 10/1	
Order code	468694	
Material Nr. (12NC)	929001303704	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677472726	

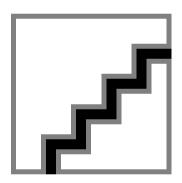
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677468694

## Dimensional drawing

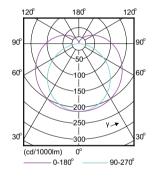


Product	D1	D2	A1	A2	A3
10T8/48-2700 IF 10/1	1-1/16 inch	1-1/16 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

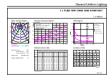
### Photometric data



Spectral Power Distribution Colour - 10T8/48-2700 IF 10/1



Light Distribution Diagram - 10T8/48-2700 IF 10/1



General uniform lighting - 10T8/48-2700 IF 10/1

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