

MasterClass LEDtube InstantFit T8

10T8/48-3500 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	835 [CCT of 3500K]			
Luminous Flux	1,500 lm			
Correlated Color Temperature (Nom)	3500 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	- kWh			

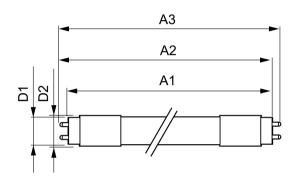
Datasheet, 2023, October 20 data subject to change

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Energy Certifications	DLC Standard		
Product Data			
Order product name	10T8/48-3500 IF 10/1		
Full product name	10T8/48-3500 IF 10/1		
Order code	468272		
Material Nr. (12NC)	929001124064		

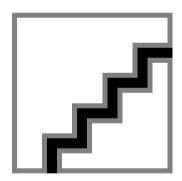
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677472207	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677468274	

Dimensional drawing



Product	D1	D2	A1	A2	А3
10T8/48-3500 IF 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

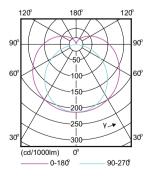
Photometric data





Spectral Power Distribution Colour - 10T8/48-3500 IF 10/1

General uniform lighting - 10T8/48-3500 IF 10/1



Light Distribution Diagram - 10T8/48-3500 IF 10/1

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