

MasterClass LEDtube InstantFit T8

12T8/48-3000 IF 10/1 TAA

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	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	-4 °F to 113 °F			
T-Case Maximum (Nom)	122 °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			
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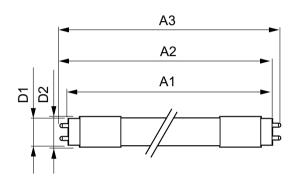
Datasheet, 2023, October 20 data subject to change

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Approval Marks	CE marking UL certificate RoHS compliance		
	KEMA Keur certificate		
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	464206		

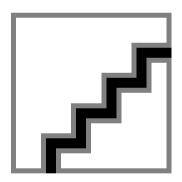
Material Nr. (12NC)	929001123934		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677464202		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677464207		

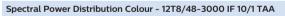
Dimensional drawing

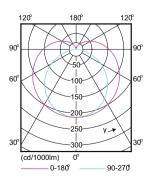


Product	D1	D2	A1	A2	A3
12T8/48-3000 IF 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
TAA					

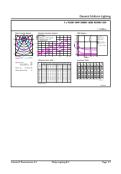
Photometric data







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



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

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