

MasterClass LEDtube InstantFit T8

14T8/48-3000 IF 10/1 DIM

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]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	2,000 lm				
Correlated Color Temperature (Nom)	3000 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	14 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)	113 °F			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Product Length	1,200 mm			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	UL certificate RoHS compliance DLC			
	compliance			
Energy Consumption kWh/1000 h	18 kWh			

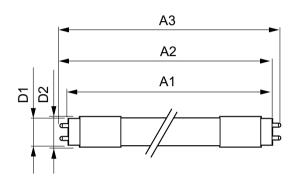
Datasheet, 2023, October 20 data subject to change

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Energy Certifications	DLC Standard			
Product Data				
Order product name	14T8/48-3000 IF 10/1 DIM			
Full product name	14T8/48-3000 IF 10/1 DIM			
Order code	468306			
Material Nr. (12NC)	929001158564			

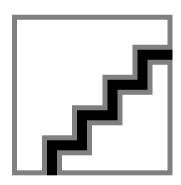
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677472238
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677468304

Dimensional drawing



Product	D1	D2	A1	A2	А3
14T8/48-3000 IF 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
DIM					

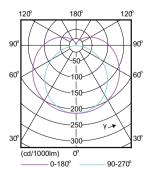
Photometric data





Spectral Power Distribution Colour - 14T8/48-3000 IF 10/1 DIM

General uniform lighting - 14T8/48-3000 IF 10/1 DIM



Light Distribution Diagram - 14T8/48-3000 IF 10/1 DIM

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