

# MasterClass LEDtube InstantFit T8

# 15T8/48-5000 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	40,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	850 [CCT of 5000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	2,100 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	15 W				

Lamp Current (Max)	290 mA			
Lamp Current (Min)	110 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	Yes			
Mechanical and Housing				
Product Length	1,200 mm			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			

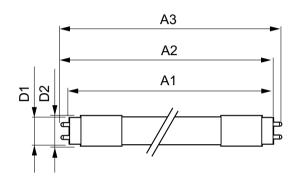
Datasheet, 2023, October 20 data subject to change

# MasterClass LEDtube InstantFit T8

Approval Marks	UL certificate RoHS compliance DLC		
	compliance		
Energy Consumption kWh/1000 h	18 kWh		
Product Data			
Order product name	15T8/48-5000 IF 10/1 TAA		
Full product name	15T8/48-5000 IF 10/1 TAA		
Order code	464271		

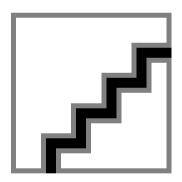
Material Nr. (12NC)	929001158834		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677464271		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677464276		
	·		

# Dimensional drawing

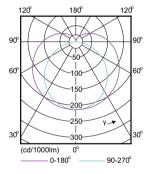


Product	D1	D2	A1	A2	А3
15T8/48-5000 IF 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
TAA					

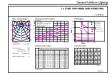
### Photometric data



Spectral Power Distribution Colour - 15T8/48-5000 IF 10/1 TAA



Light Distribution Diagram - 15T8/48-5000 IF 10/1 TAA



General uniform lighting - 15T8/48-5000 IF 10/1 TAA

# MasterClass LEDtube InstantFit T8



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.