

# **LED InstantFit Lamps**

# 12T8/48-3500 IF 10/1

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

#### **Warnings and Safety**

• Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

#### **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]			
Beam Angle (Nom)	160 degree(s)			
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	12 W			
Starting Time (Nom)	0.5 s			
	<del>_</del>			

Warm-up time to 60% light	0.1 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	40 °C		
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 KEMA Keur		
	certificate DLC compliance		
Energy Consumption kWh/1000 h	14.5 kWh		

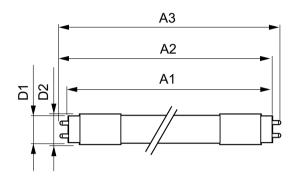
Datasheet, 2023, December 6 data subject to change

# **LED InstantFit Lamps**

Product Data			
Order product name	12T8/48-3500 IF 10/1		
Full product name	12T8/48-3500 IF 10/1		
Order code	929001124004		
Material Nr. (12NC)	929001124004		
Numerator - Quantity Per Pack	1		

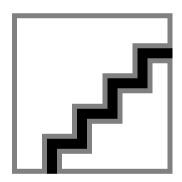
EAN/UPC - Product/Case	046677453596	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677453591	

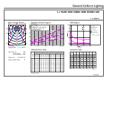
### Dimensional drawing



Product	D1	D2	A1	A2	A3
12T8/48-3500 IF 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

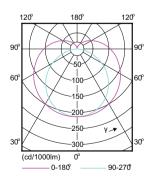
#### Photometric data





Spectral Power Distribution Colour - 12T8/48-3500 IF 10/1

General uniform lighting - 12T8/48-3500 IF 10/1



Light Distribution Diagram - 12T8/48-3500 IF 10/1

# **LED InstantFit Lamps**



© 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.