

# MasterClass LEDtube InstantFit T8

# 12T8/48-3500 IF 10/1 TAA

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solutionsuitable for replacing T8 fluorescent lamps, using an exisiting ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

### **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)	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	ture range -20 °C to 45 °C		
T-Case Maximum (Nom)	40 ℃		
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		

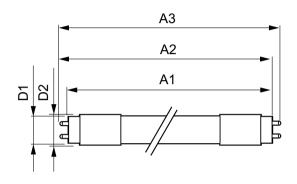
Datasheet, 2023, December 6 data subject to change

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Energy Consumption kWh/1000 h	14.5 kWh			
Product Data				
Order product name	12T8/48-3500 IF 10/1 TAA			
Full product name	12T8/48-3500 IF 10/1 TAA			
Order code	929001124034			
Material Nr. (12NC)	929001124034			

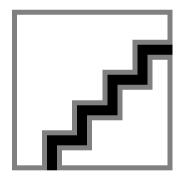
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677464219
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677464214

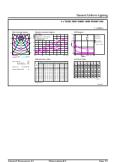
## Dimensional drawing



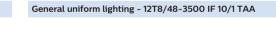
Product	D1	D2	A1	A2	А3
12T8/48-3500 IF 10/1 TAA	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

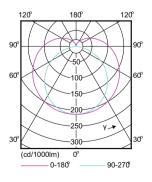
### Photometric data





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





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

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