

MasterClass LEDtube InstantFit T8

12T8/48-4000 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	840 [CCT of 4000K]					
Luminous Flux	1,600 lm					
Correlated Color Temperature (Nom)	4000 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	-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				

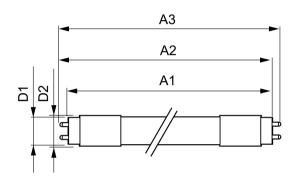
Datasheet, 2023, December 6 data subject to change

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Energy Consumption kWh/1000 h	14.5 kWh				
Product Data					
Order product name	12T8/48-4000 IF 10/1 TAA				
Full product name	12T8/48-4000 IF 10/1 TAA				
Order code	929001124134				
Material Nr. (12NC)	929001124134				

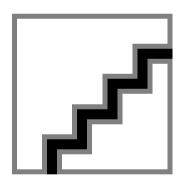
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677464226		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677464221		

Dimensional drawing



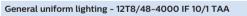
Product	D1	D2	A1	A2	А3
12T8/48-4000 IF 10/1 TAA	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

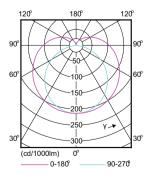
Photometric data





Spectral Power Distribution Colour - 12T8/48-4000 IF 10/1 TAA





Light Distribution Diagram - 12T8/48-4000 IF 10/1 TAA

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