



# MasterClass LEDtube InstantFit T8

## 12T8/48-3000 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	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	1,500 lm
Correlated Color Temperature (Nom)	3000 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

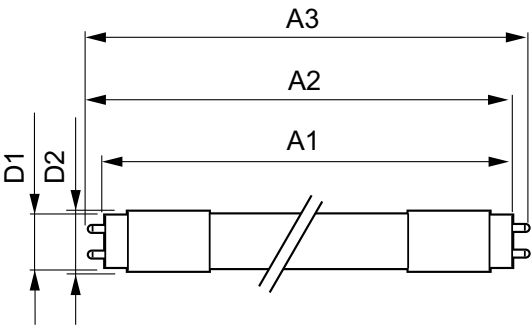
Lamp Current (Min)	60 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	122 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No

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Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	14.5 kWh
Product Data	
Order product name	12T8/48-3000 IF 10/1 TAA
Full product name	12T8/48-3000 IF 10/1 TAA
Order code	464206

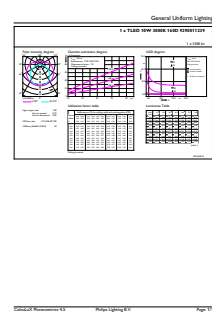
Material Nr. (12NC)	929001123934
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677464202
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677464207

Dimensional drawing



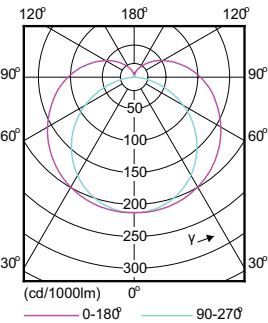
Product	D1	D2	A1	A2	A3
12T8/48-3000 IF 10/1 TAA	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



Spectral Power Distribution Colour - 12T8/48-3000 IF 10/1 TAA

General uniform lighting - 12T8/48-3000 IF 10/1 TAA



Light Distribution Diagram - 12T8/48-3000 IF 10/1 TAA

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