



MasterClass LEDtube InstantFit T8

10T8/48-2700 IF 10/1

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	827 [CCT of 2700K]
Luminous Flux	1,400 lm
Correlated Color Temperature (Nom)	2700 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	10 W
Starting Time (Nom)	0.5 s

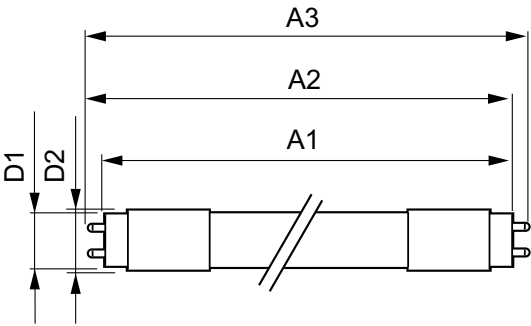
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	104 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance
Product Data	
Order product name	10T8/48-2700 IF 10/1

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Full product name	10T8/48-2700 IF 10/1
Order code	468694
Material Nr. (12NC)	929001303704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677472726

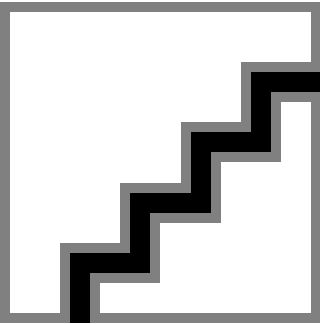
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677468694

Dimensional drawing

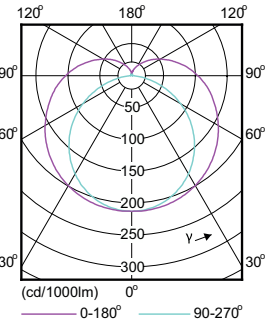


Product	D1	D2	A1	A2	A3
10T8/48-2700 IF 10/1	1-1/16 inch	1-1/16 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

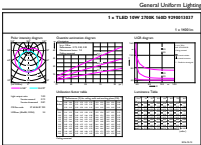
Photometric data



Spectral Power Distribution Colour - 10T8/48-2700 IF 10/1



Light Distribution Diagram - 10T8/48-2700 IF 10/1



General uniform lighting - 10T8/48-2700 IF 10/1

General uniform lighting - 10T8/48-2700 IF 10/1

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