



MasterClass LEDtube InstantFit T8

14T8/48-3500 IF 10/1 DIM

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	835 [CCT of 3500K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,000 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	14 W

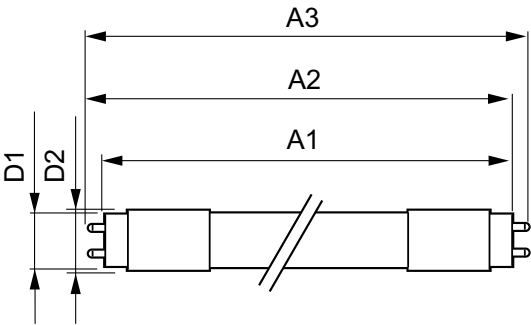
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	113 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	18 kWh

MasterClass LEDtube InstantFit T8

Energy Certifications	DLC Standard
Product Data	
Order product name	14T8/48-3500 IF 10/1 DIM
Full product name	14T8/48-3500 IF 10/1 DIM
Order code	468314
Material Nr. (12NC)	929001158664

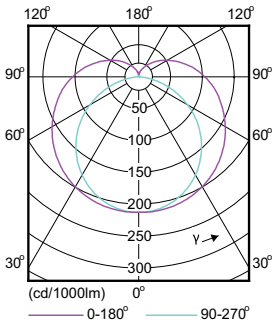
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677472245
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677468311

Dimensional drawing



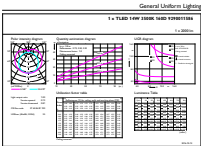
Product	D1	D2	A1	A2	A3
14T8/48-3500 IF 10/1 DIM	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



Spectral Power Distribution Colour - 14T8/48-3500 IF 10/1 DIM

Light Distribution Diagram - 14T8/48-3500 IF 10/1 DIM



General uniform lighting - 14T8/48-3500 IF 10/1 DIM

MasterClass LEDtube InstantFit T8

