



MasterClass LEDtube InstantFit T8

10T8/48-4000 IF 10/1 TAA/NAFTA

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	
Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	841 [CCT of 4100K (841)]
Initial lumen (Nom)	1600 lm
Luminous Flux (Rated) (Nom)	1600 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	10 W
Lamp Current (Nom)	140 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	40 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

Approval and Application	
Energy Saving Product	Yes

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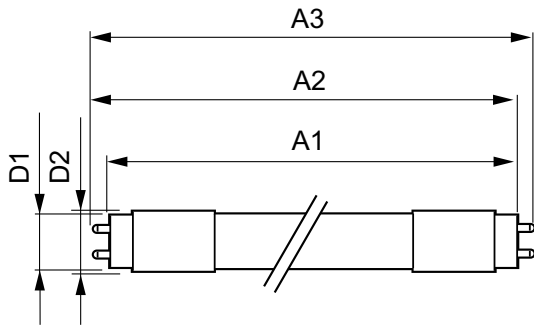
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard
DesignLights Consortium Qualified Product List	-

Product Data

Order product name	10T8/48-4000 IF 10/1 TAA/NAFTA
EAN/UPC - Product	046677472627

Order code	469585
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001124184
Net Weight (Piece)	0.001 kg
Model Number	9290011241C

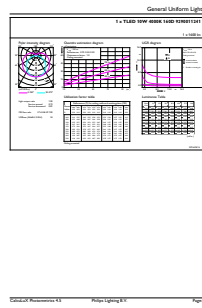
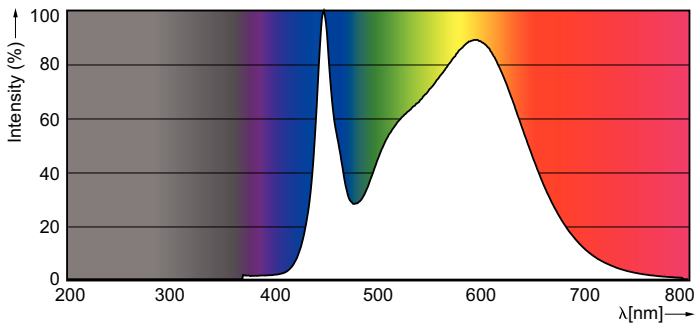
Dimensional drawing



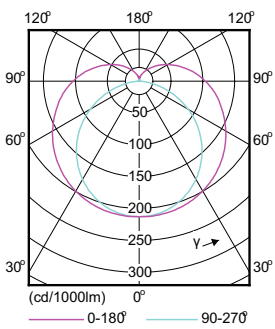
LEDtube 1200mm 12W G13/840

Product	D1	D2	A1	A2	A3
10T8/48-4000 IF 10/1 TAA/NAFTA	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

Photometric data



LEDtube 1200mm 12W G13 840 1600lm



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Lifetime

