



MasterClass LEDtube InstantFit T8

14T8/48-3000 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	
Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 °
Initial lumen (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	3000 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)	14 W
Lamp Current (Nom)	180 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)	45 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Product Length	1200 mm

MasterClass LEDtube InstantFit T8

Approval and Application

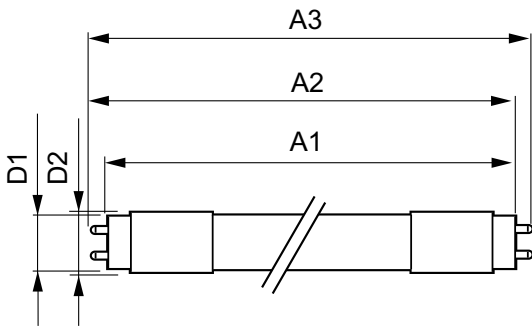
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	18 kWh
Energy Certifications	DLC Standard

Product Data

Order product name	14T8/48-3000 IF 10/1 DIM
--------------------	--------------------------

EAN/UPC - Product	046677472238
Order code	468306
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001158564
Net Weight (Piece)	0.230 kg
Model Number	9290011585C

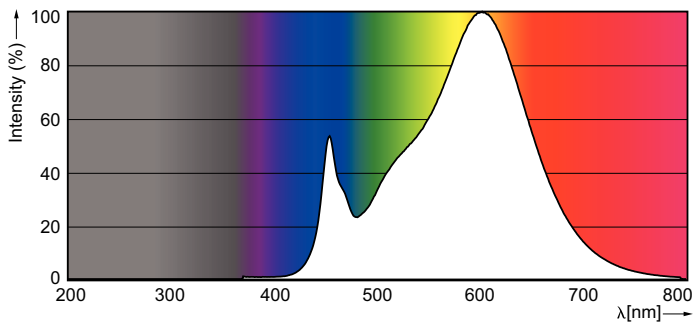
Dimensional drawing



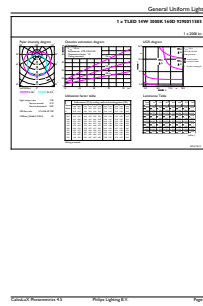
LEDtube 1200mm 15W/830

Product	D1	D2	A1	A2	A3
14T8/48-3000 IF 10/1 DIM	25.7 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

Photometric data



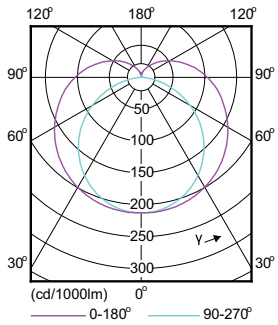
LEDtube 1200mm 15W G13 T8 830 2000lm



LEDtube 1200mm 15W G13 T8 830 2000lm

MasterClass LEDtube InstantFit T8

Photometric data



LEDtube 1200mm 15W G13 T8 830 2000lm

