

LED InstantFit Lamps

20T12 EM LED/48-4000 IFG 10/1

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
B50L70	36000 h
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	240 °
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	60 Hz
Power (Rated) (Nom)	20 W
Lamp Current (Max)	220 mA
Lamp Current (Min)	90 mA
Starting Time (Nom)	0.5 s

Warm Up Time To 60% Light (Nom)	0.1 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-270 V
Temperature	
T-Ambient (Max)	-20 °C
T-Ambient (Min)	35 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	23 kWh

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Product Data

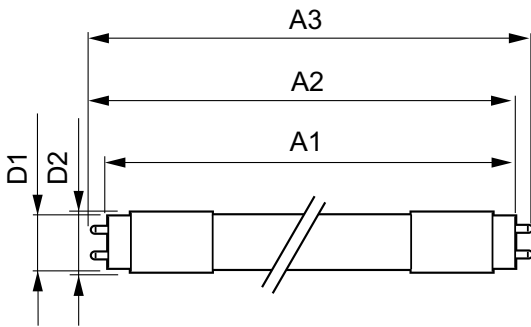
Order product name	20T12 EM LED/48-4000 IF G 10/1
EAN/UPC - Product	046677463113
Order code	463117
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001226504
Net Weight (Piece)	0.001 kg

Warnings and Safety

- Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

Dimensional drawing



TLED T12 120-277V 20-34/40W 4000K G13 ND

Product	D1	D2	A1	A2	A3
20T12 EM LED/48-4000 IF G 10/1	26 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data

