![Philips Lighting logo]

LED InstantFit Lamps

20T12 EM LED/48-6500 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	865 [CCT of 6500K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	6500 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

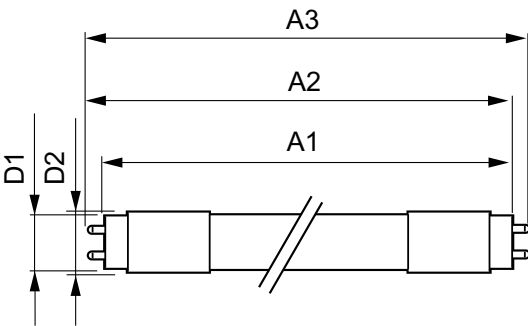|	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	23 kWh

LED InstantFit Lamps

Product Data

Order product name	20T12 EM LED/48-6500 IF G 10/1
EAN/UPC - Product	046677463120
Order code	463125
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001226604
Net Weight (Piece)	0.001 kg

Warnings and Safety

• Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
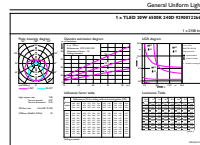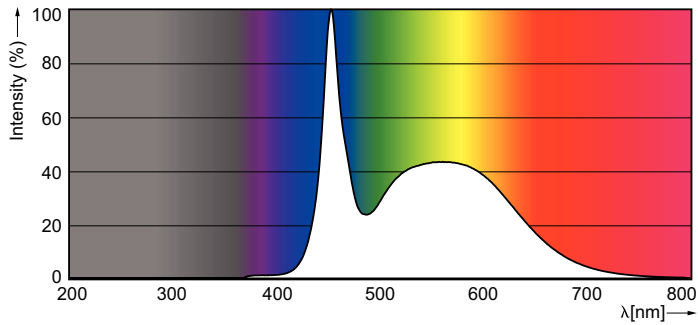• Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

Dimensional drawing

TLED T12 120-277V 20-34/40W 6500K G13 ND

Product	D1	D2	A1	A2	A3
20T12 EM LED/48-6500 IF G 10/1	26 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data

www.lighting.philips.com

2017, July 25 - data subject to change