



# MasterClass LEDtube InstantFit T8

## 16.5T8/LED/48/850 IF 10/1

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using an existing ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

### Product data

General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
B50L70	70000 h

Light Technical	
Color Code	850 [ CCT of 5000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2500 lm
Luminous Flux (Rated) (Nom)	2500 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	5000 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)	16.5 W

Lamp Current (Max)	350 mA
Lamp Current (Min)	110 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 V

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

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

Approval and Application	
Energy Efficiency Label (EEL)	A+

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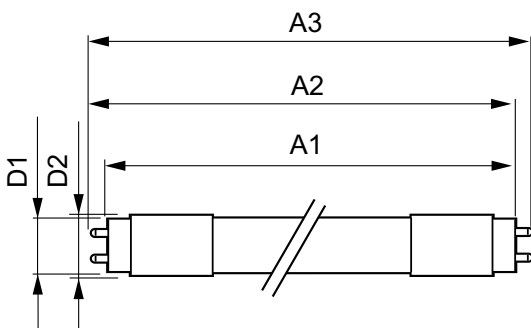
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate DLC compliance
Energy Consumption kWh/1000 h	20 kWh
DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List

## Product Data

Order product name	16.5T8 LED/48-5000 IF 10/1 UHO
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EAN/UPC - Product	046677463151
Order code	463158
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001226904
Net Weight (Piece)	0.220 kg

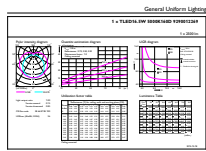
## Dimensional drawing



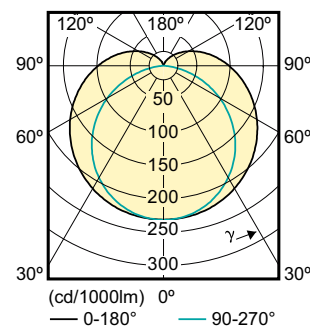
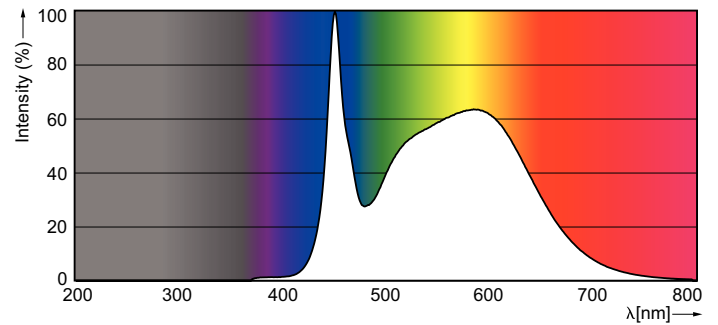
TLED120-277V 16.5W-25/28/32W 5000K G13ND

Product	D1	D2	A1	A2	A3
16.5T8 LED/48-5000 IF 10/1 UHO	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data



LEDtube 16.5 W, 850, G13, T8, UHO



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