



MasterClass LEDtube InstantFit T8

12T8/48-4000 IF 10/1 TAA

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	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	1,600 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	12 W
Lamp Current (Max)	150 mA

Lamp Current (Min)	60 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	40 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1,200 mm

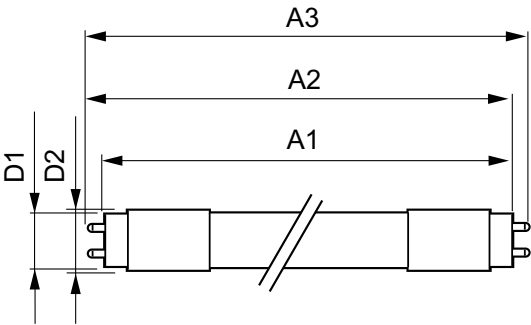
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	UL certificate RoHS compliance DLC compliance

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Energy Consumption kWh/1000 h	14.5 kWh
Product Data	
Order product name	12T8/48-4000 IF 10/1 TAA
Full product name	12T8/48-4000 IF 10/1 TAA
Order code	929001124134
Material Nr. (12NC)	929001124134

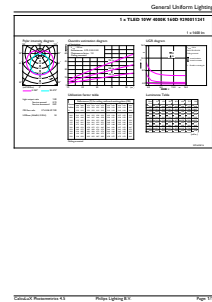
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677464226
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677464221

Dimensional drawing



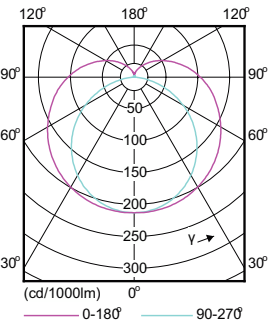
Product	D1	D2	A1	A2	A3
12T8/48-4000 IF 10/1 TAA	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data



Spectral Power Distribution Colour - 12T8/48-4000 IF 10/1 TAA

General uniform lighting - 12T8/48-4000 IF 10/1 TAA



Light Distribution Diagram - 12T8/48-4000 IF 10/1 TAA

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