



MasterClass LEDtube InstantFit T8

15T8/48-3000 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	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Color Consistency	<6
Color rendering index (CRI)	82
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	15 W

Lamp Current (Max)	290 mA
Lamp Current (Min)	110 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)	50 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Product Length	1,200 mm

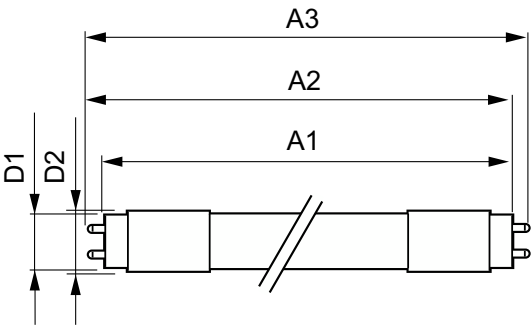
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No

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Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	18 kWh
Product Data	
Order product name	15T8/48-3000 IF 10/1 TAA
Full product name	15T8/48-3000 IF 10/1 TAA
Order code	929001158534

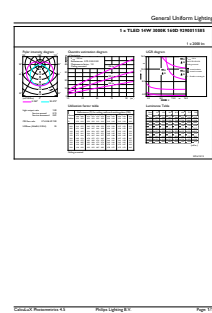
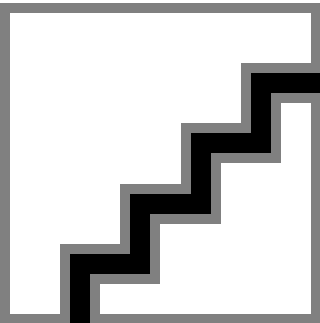
Material Nr. (12NC)	929001158534
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677464240
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677464245

Dimensional drawing



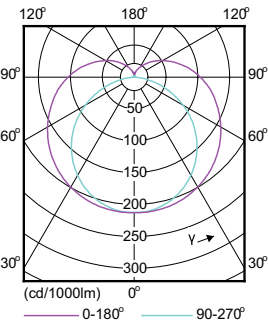
Product	D1	D2	A1	A2	A3
15T8/48-3000 IF 10/1 TAA	25.7 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data



Spectral Power Distribution Colour - 15T8/48-3000 IF 10/1 TAA

General uniform lighting - 15T8/48-3000 IF 10/1 TAA



Light Distribution Diagram - 15T8/48-3000 IF 10/1 TAA

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