



LED T8 InstantFit Lamp

12T8/48-3500 IF 10/1

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

Product data

• General Characteristics

Main Application	Industrial
Cap-Base	G13
Rated Avg. Life (Hours)	40000 hr
Nominal Lifetime hours	40000 hr
B50L70	40000

• Light Technical Characteristics

Color Code	835
Beam Angle	160 D
Correlated Color Temperature	3500 K
CRI	83
Rated Luminous Flux	1500 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	<6
Rated Beam Angle	160 D

• Electrical Characteristics

Wattage	12 W
Voltage	120-277 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	12.0 W
Starting Time	0.5 (max) s
Lamp voltage	120-277 V
Warm-up Time to 60% Light Outp	instant full light
Energy saving product	Yes

Suitable for accent lighting No

• Temperature Characteristics

T-case maximum	42 (max) C
Operating temperature	-20 (min), 45 (max) C
T-Storage	-45 (min), 65 (max) C

• Environmental characteristics

Energy Efficiency Label (EEL)	A+
Energy consumption kWh/1000h	14.5 kWh

• Measuring Conditions

Switching cycle	50000X
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• Product Dimensions

Length A1	1198.0 mm
Fixing Hole Distance A2 Length	1205.0 mm
Length A3	1212.0 mm
Mounting hole diameter	25.68 mm
Circular outline dimension	28 mm

• Approval & Application Chars

VDE marking	No
CE marking	Yes
UL certificate	Yes



PHILIPS

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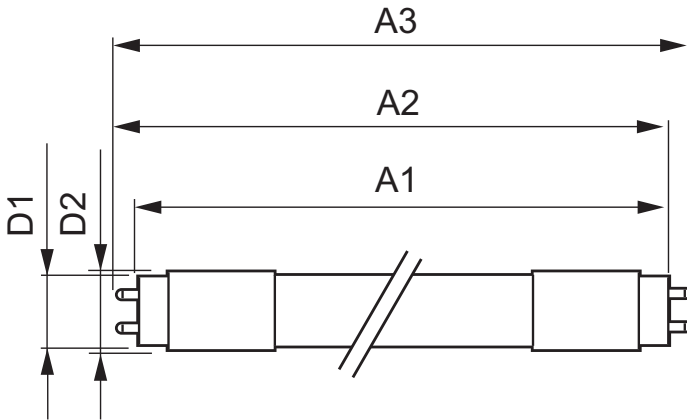
RoHS compliance Yes
 KEMA Keur certificate Yes

Short product name 12T8/48-3500 IF 10/1
 Pieces per Sku 1
 eop_pck_cfg 10
 Skus/Case 10
 Bar code on pack 46677453596
 Bar code on case 50046677453591
 Logistics code(s) 929001124004
 eop_net_weight_pp 0.000 kg

• Product Data

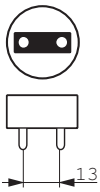
Product number 453597
 Full product name 12T8/48-3500 IF 10/1

Dimensional drawing



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Product	A (Norm)	A1 (Norm)	A2 (Norm)	A3 (Norm)	B (Min)	B (Norm)	B (Max)	D (Min)	D (Norm)	D (Max)	D1 (Norm)	D2 (Norm)
LEDtube 1200mm 12W G13/835	-	1198.0	1205.0	1212.0	-	-	-	-	-	-	25.68	28



G13



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www.philips.com/lighting

2015, February 1
 data subject to change