



LED InstantFit Lamps

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)	50000 hr
Nominal Lifetime hours	50000 hr
B50L70	50000

• 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 steps
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	40 (max) C
Operating temperature	-20 (min), 45 (max) C
T-Storage	-40 (min), 65 (max) C

• Environmental characteristics

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

• Measuring Conditions

Switching cycle	50000X
-----------------	--------

• 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

LED InstantFit Lamps

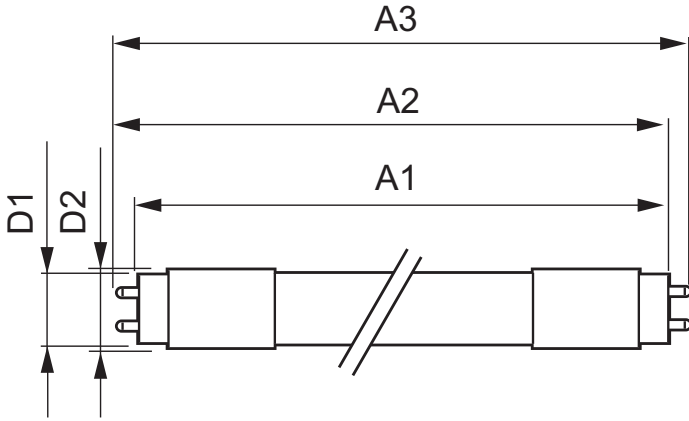
RoHS compliance Yes
 KEMA Keur certificate Yes

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 0.360 kg

• Product Data

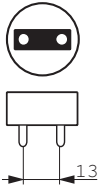
Product number 453597
 Full product name 12T8/48-3500 IF 10/1

Dimensional drawing



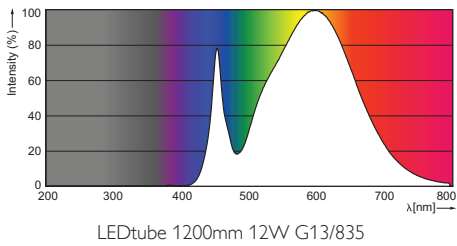
12T8/48-3500 IF 10/1

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

Photometric data





© 2015 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, November 11
data subject to change