



LED T8 InstantFit Lamp

16.5T8/48-3500 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

• Light Technical Characteristics

Color Code	835
Beam Angle	160 D
Correlated Color Temperature	3500 K
Approximate Lumens	2000 Lm
CRI	83
Rated Luminous Flux	2000 Lm
LLMF - end nominal lifetime	40000 %
Colour consistency	6 steps
Rated Beam Angle	160 D

• Electrical Characteristics

Wattage	16.5 W
Voltage	200-420 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	16.5 W
Starting Time	0.5 (max) s
Warm-up Time to 60% Light Outp	instant full light
Energy saving product	Yes
Suitable for accent lighting	No

• Temperature Characteristics

T-case maximum	45 (max) C
Operating temperature	-20 (min), 45 (max) C
T-Storage	-40 (min), 65 (max) C

• Environmental characteristics

Energy Efficiency Label (EEL)	A+
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• Measuring Conditions

Switching cycle	50000X
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• Product Dimensions

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

• Approval & Application Chars

VDE marking	No
CE marking	Yes
UL certificate	No
RoHS compliance	Yes
KEMA Keur certificate	Yes



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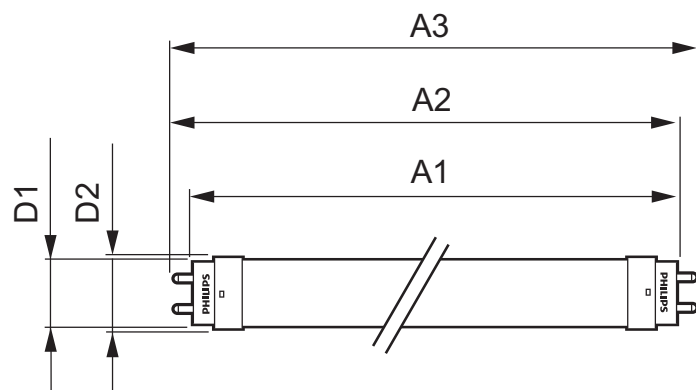
LED T8 InstantFit Lamp

• Product Data

Product number 434878
Full product name 16.5T8/48-3500 IF 10/1
Short product name 16.5T8/48-3500 IF 10/1
Pieces per Sku 1

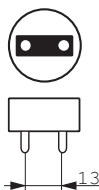
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Skus/Case 10
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Dimensional drawing



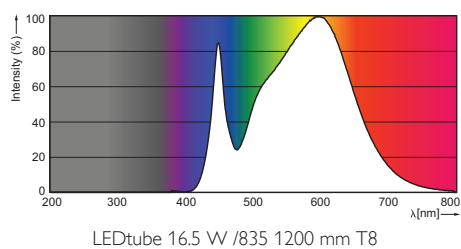
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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	D1 (Norm)	D2 (Norm)
TLED 1200mm 16.5W G13/835	1198.0	1205.0	1212.0	25.68	28



G13

Photometric data



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www.philips.com/lighting

2014, September 4
data subject to change