



LED T8 InstantFit Lamp

8.5/T8/24-4000 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	840
Beam Angle	160 D
Correlated Color Temperature	4000 K
CRI	82
Rated Luminous Flux	1050 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	<6
Rated Beam Angle	160 D

• Electrical Characteristics

Wattage	8.5 W
Voltage	100-240 V
Line Frequency	50/60 Hz
Power Factor	0.9 (min) -
Dimmable	No
Rated Wattage	8.5 W
Starting Time	0.5 (max) s
Lamp voltage	100-240 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	45 (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	11 kWh

• Measuring Conditions

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

• Product Dimensions

Length A1	588.6 mm
Fixing Hole Distance A2 Length	595.7 mm
Length A3	602.8 mm
Mounting hole diameter	25.68 mm
Circular outline dimension	28 mm

• Approval & Application Chars

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



PHILIPS

LED T8 InstantFit Lamp

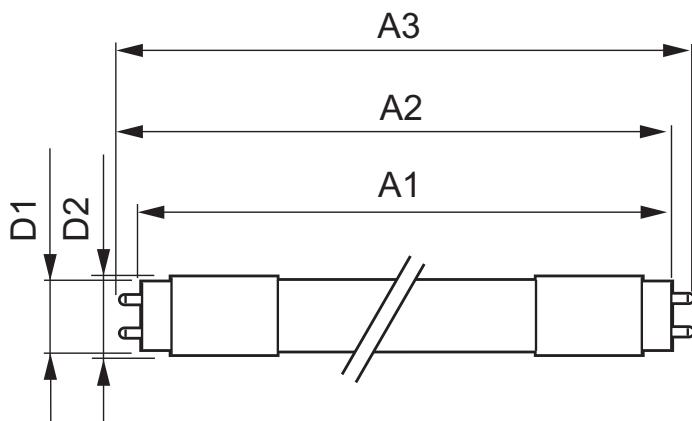
KEMA Keur certi-
cate No

Pieces per Sku 1
eop_pck_cfg 10
Skus/Case 10
Bar code on pack 46677452032
Bar code on case 50046677452037
Logistics code(s) 929001118104
eop_net_weight_pp 0.150 kg

• Product Data

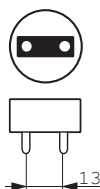
Product number 452037
Full product name 8.5/T8/24-4000 IF 10/1
Short product name 8.5/T8/24-4000 IF 10/1

Dimensional drawing



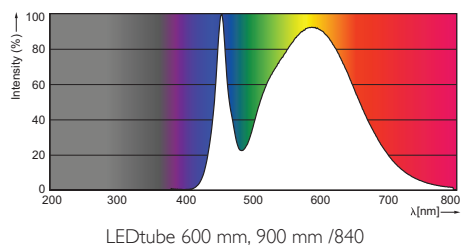
8.5/T8/24-4000 IF 10/1

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 600mm 8.5W/840	-	588.6	595.7	602.8	-	-	-	-	-	-	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, June 10
data subject to change