



LED T8 InstantFit Lamp

8.5T8/24-5000 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	850
Beam Angle	160 D
Correlated Color Temperature	5000 K
CRI	82
Rated Luminous Flux	1100 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
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• Product Dimensions

Length A1	588.6 mm
Fixing Hole Distance	595.7 mm
A2 Length	
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

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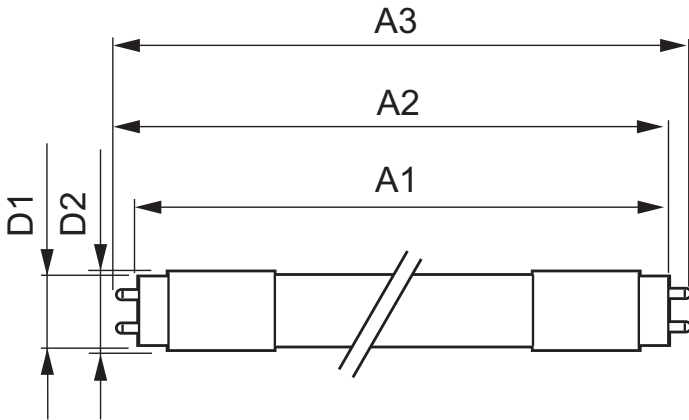
KEMA Keur certi-
ficate No

Pieces per Sku 1
eop_pck_cfg 10
Skus/Case 10
Bar code on pack 46677452049
Bar code on case 50046677452044
Logistics code(s) 929001118204
eop_net_weight_pp 0.150 kg

• Product Data

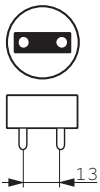
Product number 452045
Full product name 8.5T8/24-5000 IF 10/1
Short product name 8.5T8/24-5000 IF 10/1

Dimensional drawing



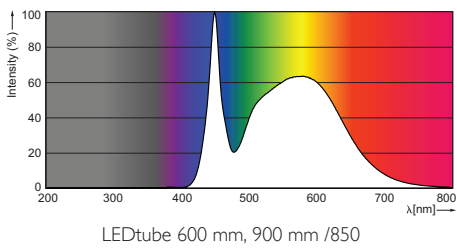
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Product	A (Norm)	A1 (Norm)	A2 (Norm)	A3 (Norm)	B (Min)	B (Norm)	B (Max)	D (Min)	D (Norm)	D (Max)	D1 (Norm)	D2 (Norm)
LEDtube 600mm 8.5W/850	-	588.6	595.7	602.8	-	-	-	-	-	-	25.68	28



G13

Photometric data





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www.philips.com/lighting

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data subject to change