



LED T8 InstantFit Lamp

8.5T8/24-3000 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 | 830 |
| Beam Angle | 160 D |
| Correlated Color Temperature | 3000 K |
| CRI | 82 |
| Rated Luminous Flux | 950 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 | 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 |



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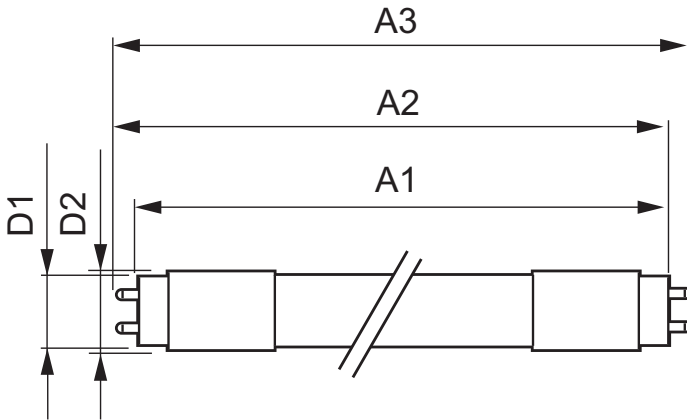
KEMA Keur certi-
ficate No

Pieces per Sku 1
eop_pck_cfg 10
Skus/Case 10
Bar code on pack 46677452018
Bar code on case 50046677452013
Logistics code(s) 929001117904
eop_net_weight_pp 0.150 kg

• Product Data

Product number 452011
Full product name 8.5T8/24-3000 IF 10/1
Short product name 8.5T8/24-3000 IF 10/1

Dimensional drawing



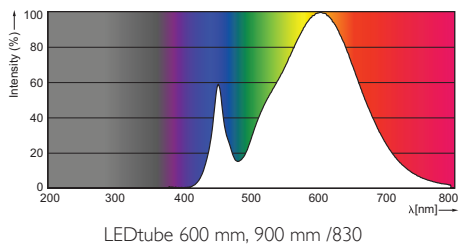
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| Product | A (Norm) | A1 (Norm) | A2 (Norm) | A3 (Norm) | B (Min) | B (Norm) | B (Max) | D (Min) | D (Norm) | D (Max) | D1 (Norm) | D2 (Norm) |
|------------------------|----------|-----------|-----------|-----------|---------|----------|---------|---------|----------|---------|-----------|-----------|
| LEDtube 600mm 8.5W/830 | - | 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