



T5 High Output Energy Advantage

F54T5/830 HO EA 49W/ALTO

Philips Energy Advantage T5 HO 49W lamps are environmentally-responsible, ultra-slim and have extraordinary light output with increased energy savings.

Product data

• General Characteristics

| | |
|------------------|-----------------|
| Base | Miniature Bipin |
| Bulb | T5 [16 mm] |
| Rated Avg. Life | 25000 hr |
| Life to 10% fail | 21000 hr |
| Preheat EL,3h | |
| LSF HF Preheat | 94 % |
| 20000h Rated,3h | |
| LSF HF Preheat | 99 % |
| 16000h Rated,3h | |
| LSF HF Preheat | 99 % |
| 12000h Rated,3h | |
| LSF HF Preheat | 99 % |
| 8000h Rated,3h | |
| LSF HF Preheat | 99 % |
| 6000h Rated,3h | |
| LSF HF Preheat | 99 % |
| 4000h Rated,3h | |
| LSF HF Preheat | 99 % |
| 2000h Rated,3h | |

• Light Technical Characteristics

| | |
|----------------------------|--------------------|
| Color Code | 830 [CCT of 3000K] |
| Color Rendering Index | 85 Ra8 |
| Color Designation | Warm White |
| Color Temperature | 3000 K |
| Chromaticity Coordinate X | 440 - |
| Chromaticity Coordinate Y | 403 - |
| Initial Lumens | 5000 Lm |
| Lum Efficacy Rated HF 25°C | 92 Lm/W |
| Lum Efficacy Rated HF 35°C | 102 Lm/W |

| | |
|--------------------------------|---------|
| LLMF HF 20000h Rated | 90 % |
| LLMF HF 16000h Rated | 91 % |
| LLMF HF 12000h Rated | 92 % |
| LLMF HF 8000h Rated | 93 % |
| LLMF HF 6000h Rated | 94 % |
| LLMF HF 4000h Rated | 95 % |
| LLMF HF 2000h Rated | 96 % |
| Luminous Flux EL 25°C, Rated | 4450 Lm |
| Luminous Flux EL 25°C, Nominal | 4450 Lm |
| Design Temperature | 35 C |

• Electrical Characteristics

| | |
|-----------------------------|---------|
| Watts | 49 W |
| Lamp Voltage EL 25°C | 101 V |
| Lamp Current EL 25°C | 0.485 A |
| Dimmable | Yes |
| Lamp Wattage EL 35°C | 48.9 W |
| Lamp Current EL 35°C | 0.460 A |
| Lamp Voltage EL 35°C | 107 V |
| Lamp Wattage EL 25°C, Rated | 48.5 W |

PHILIPS

sense and simplicity

T5 High Output Energy Advantage

Lamp Wattage EL 49 W
25°C, Nominal

Insertion Length B 1153.7 (min), 1156.1 (max) mm
Overall Length C 1163.2 (max) mm
Diameter D 17 (max) mm

• Environmental Characteristics

Energy Efficiency A
Label (EEL)
Mercury (Hg) 1.4 mg
Content

• Product Data

Product number 220491
Full product name F54T5/830 HO EA 49W/ALTO
Short product name F54T5 830 HO EA ALTO 49W
Pieces per Sku 1
eop_pck_cfg 40
Skus/Case 40
Bar code on pack 46677220495
Bar code on case 50046677220490
Logistics code(s) 927991983031
eop_net_weight_pp 104.500 gr

• Measuring Conditions

Calibration Current 0.460 A
HF Generator Rated 224 V
Voltage
Resistor 255 ohm

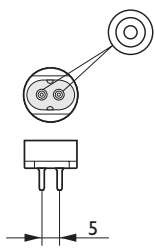
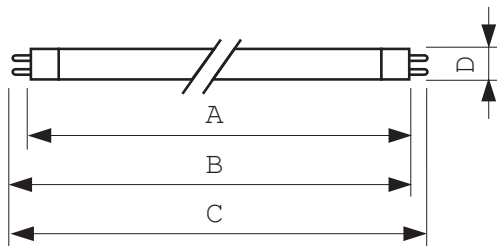
• Product Dimensions

Base Face to Base 1149.0 (max) mm
Face A

Dimensional drawing

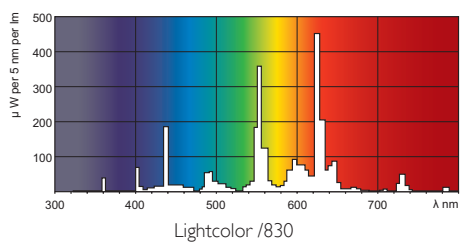
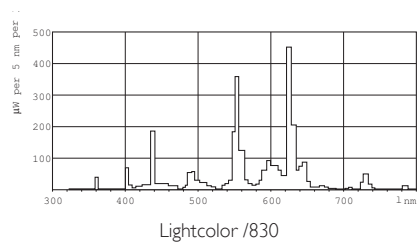
G5, T5

| Product | A (Max) | B (Min) | B (Max) | C (Max) | D (Max) |
|--------------------------------|---------|---------|---------|---------|---------|
| TL5 HO Eco F54T5/830 HO EA 49W | 1149.0 | 1153.7 | 1156.1 | 1163.2 | 17 |



G5

Photometric data



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data subject to change