

T5 Standard

F14T5/830/ALTO 40PK

Philips T5 Fluorescent Lamps featuring ALTO® Lamp Technology offer increased energy savings and low toxicity in a slim profile.

Warnings and Safety

· Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

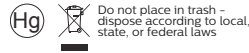
Product data

| General Information | | Color Rendering Index (Min) | |
|--|----------------------------------|-----------------------------|--------------------|
| Base | G5 [G5] | Color Rendering Index (Nom) | 82 |
| Life to 50% Failures Preheat (Nom) | 24000 h | LLMF 2000 h Rated | 96 % |
| Features | HE Alto® [High Efficiency Alto] | LLMF 4000 h Rated | 95 % |
| System Description | High Efficiency | LLMF 6000 h Rated | 94 % |
| LSF Preheat 2000 h Rated | 99 % | LLMF 8000 h Rated | 93 % |
| LSF Preheat 4000 h Rated | 99 % | LLMF 12000 h Rated | 92 % |
| LSF Preheat 6000 h Rated | 99 % | LLMF 16000 h Rated | 91 % |
| LSF Preheat 8000 h Rated | 99 % | LLMF 20000 h Rated | 90 % |
| LSF Preheat 16000 h Rated | 97 % | | |
| LSF Preheat 20000 h Rated | 84 % | | |
| Light Technical | | Operating and Electrical | |
| Color Code | 830 [CCT of 3000K] | Power (Rated) (Nom) | 14.0 W |
| Initial lumen (Nom) | 1350 lm | Lamp Current (Nom) | 0.165 A |
| Luminous Flux (Rated) (Nom) | 1200 lm | | |
| Color Designation | Warm White (WW) | Temperature | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 99 lm/W | Design Temperature (Nom) | 35 °C |
| Correlated Color Temperature (Nom) | 3000 K | | |
| Luminous Efficacy (rated) (Nom) | 86 lm/W | Controls and Dimming | |
| Color Rendering Index (Max) | 85 | Dimmable | Yes |
| | | Mechanical and Housing | |
| | | Cap-Base Information | Green [Green Cap] |

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| | |
|---------------------------------|--|
| Bulb Shape | T5 [16 mm (T5)] |
| Approval and Application | |
| Mercury (Hg) Content (Nom) | 1.4 mg |
| Product Data | |
| Order product name | 14W/830 Min Bipin T5 HE ALTO UNP/40 |
| EAN/UPC - Product | 046677230777 |
| Order code | 230771 |

| | |
|---------------------------------|------------------------|
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927990483022 |
| Net Weight (Piece) | 54.000 g |
| ILCOS Code | FDH-14/30/1B-L/P-G5-16 |



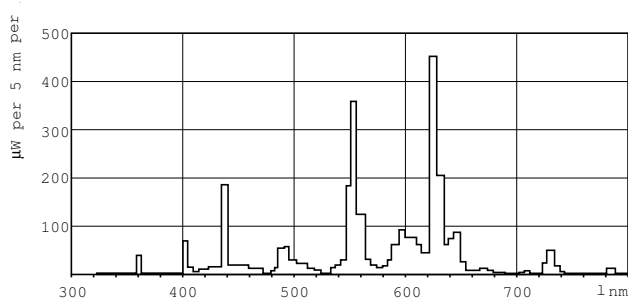
Dimensional drawing



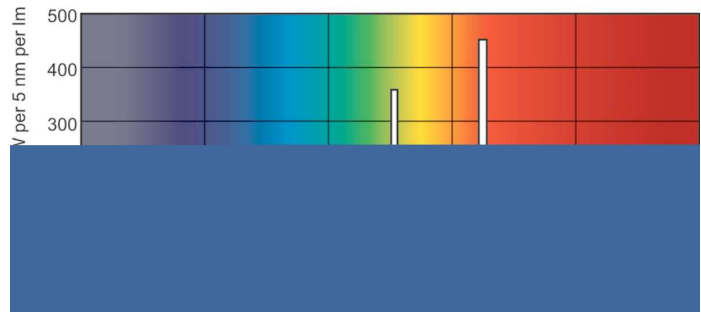
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------|---------|----------|----------|----------|----------|
| 14W/830 Min Bipin T5 HE | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |
| ALTO UNP/40 | | | | | |

TL5 HE F14T5/830 HE Alto

Photometric data



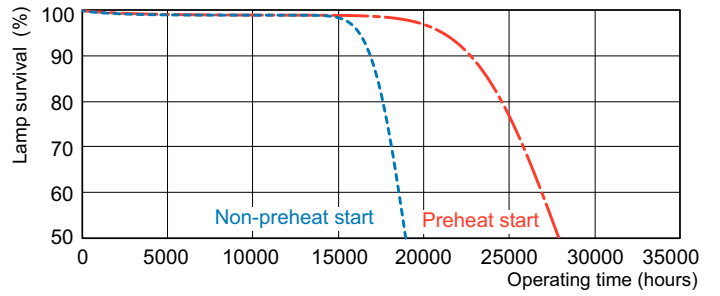
LDPB_TL5-HE8_830-Spectral power distribution B/W



LDPO_TL5-HE8_830-Spectral power distribution Colour

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Lifetime



LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram

