



T5 Standard

28W/830 Min Bipin T5 HE ALTO UNP/40

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

Product data

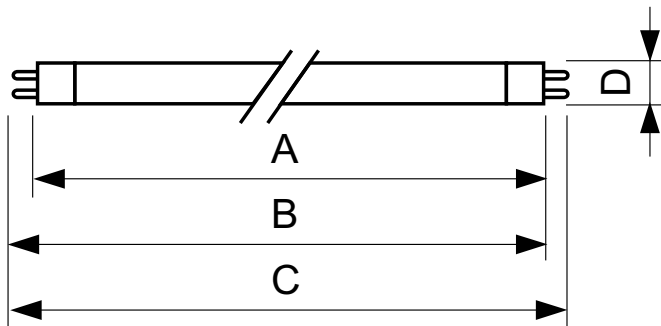
| General Information | | Color Rendering Index (Nom) | |
|--|----------------------------------|-------------------------------|-----------|
| Cap-Base | G5 [G5] | LLMF 2000 h Rated | 82 |
| Life To 50% Failures Preheat (Nom) | 24000 h | LLMF 4000 h Rated | 96 % |
| Features | HE Alto® [High Efficiency Alto] | LLMF 6000 h Rated | 95 % |
| System Description | High Efficiency | LLMF 8000 h Rated | 94 % |
| LSF Preheat 2000 h Rated | 99 % | LLMF 12000 h Rated | 93 % |
| LSF Preheat 4000 h Rated | 99 % | LLMF 16000 h Rated | 92 % |
| LSF Preheat 6000 h Rated | 99 % | LLMF 20000 h Rated | 91 % |
| LSF Preheat 8000 h Rated | 99 % | | 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) | 27.9 W |
| Luminous Flux (Nom) | 2900 lm | Lamp Current (Nom) | 0.170 A |
| Luminous Flux (Rated) (Nom) | 2625 lm | | |
| Color Designation | Warm White (WW) | Temperature | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 104 lm/W | Design Temperature (Nom) | 35 °C |
| Chromaticity Coordinate X (Nom) | 440 | | |
| Chromaticity Coordinate Y (Nom) | 403 | Controls and Dimming | |
| Correlated Color Temperature (Nom) | 3000 K | Dimmable | Yes |
| Luminous Efficacy (rated) (Nom) | 94 lm/W | | |
| Color Rendering Index (Max) | 85 | Mechanical and Housing | |
| Color Rendering Index (Min) | 80 | Cap-Base Information | Green Cap |
| | | | |
| | | Approval and Application | |
| | | Energy Efficiency Label (EEL) | A |

T5 Standard

| | |
|-------------------------------|-------------------------------------|
| Mercury (Hg) Content (Nom) | 1.4 mg |
| Product Data | |
| Order product name | 28W/830 Min Bipin T5 HE ALTO UNP/40 |
| EAN/UPC - Product | 046677230845 |
| Order code | 927990683022 |
| Numerator - Quantity Per Pack | 1 |

| | |
|---------------------------------|-----------------------------|
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927990683022 |
| Net Weight (Piece) | 104.500 g |
| ILCOS Code | FDH-28/30/1B-L/P-G5-16/1150 |

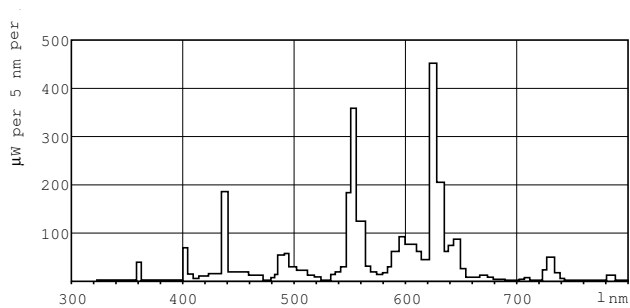
Dimensional drawing



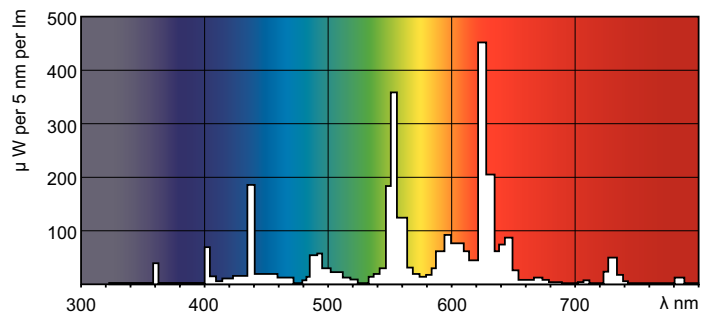
TL5 HE F28T5/830 HE Alto

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------------------|---------|-----------|-----------|-----------|-----------|
| 28W/830 Min Bipin T5 HE ALTO UNP/40 | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

Photometric data



Lightcolor /830



Lightcolor /830

