



T5 Standard

F14T5/841/ALTO 40PK

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

Product data

| General Information | |
|----------------------------------------------|----------------------------------|
| Base | G5 [G5] |
| Life to 50% Failures Preheat (Nom) | 24000 h |
| Features | HE Alto® [High Efficiency Alto] |
| System Description | High Efficiency |
| LSF Preheat 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 99 % |
| LSF Preheat 6000 h Rated | 99 % |
| LSF Preheat 8000 h Rated | 99 % |
| LSF Preheat 16000 h Rated | 97 % |
| LSF Preheat 20000 h Rated | 84 % |
| Light Technical | |
| Color Code | 841 [CCT of 4100K] |
| Initial lumen (Nom) | 1350 lm |
| Luminous Flux (Rated) (Nom) | 1200 lm |
| Color Designation | Cool White (CW) |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 99 lm/W |
| Correlated Color Temperature (Nom) | 4100 K |
| Luminous Efficacy (rated) (Nom) | 86 lm/W |
| Color Rendering Index (Max) | 85 |
| Color Rendering Index (Min) | 80 |
| Color Rendering Index (Nom) | 82 |
| LLMF 2000 h Rated | 96 % |
| LLMF 4000 h Rated | 95 % |

| | |
|--------------------|------|
| LLMF 6000 h Rated | 94 % |
| LLMF 8000 h Rated | 93 % |
| LLMF 12000 h Rated | 92 % |
| LLMF 16000 h Rated | 91 % |
| LLMF 20000 h Rated | 90 % |

Operating and Electrical

| | |
|---------------------|---------|
| Power (Rated) (Nom) | 14.0 W |
| Lamp Current (Nom) | 0.165 A |

Temperature

| | |
|--------------------------|-------|
| Design Temperature (Nom) | 35 °C |
|--------------------------|-------|

Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|----------------------|--------------------|
| Cap-Base Information | Green [Green Cap] |
|----------------------|--------------------|

Approval and Application

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

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Product Data

| | |
|-------------------------------|----------------------------------------|
| Order product name | 14W/841 Min Bipin T5 HE ALTO UNP/40 |
| EAN/UPC - Product | 046677230807 |
| Order code | 230805 |
| Numerator - Quantity Per Pack | 1 |

| | |
|---------------------------------|------------------------|
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927990484022 |
| Net Weight (Piece) | 54.000 g |
| ILCOS Code | FDH-14/40/1B-L/P-G5-16 |

Warnings and Safety

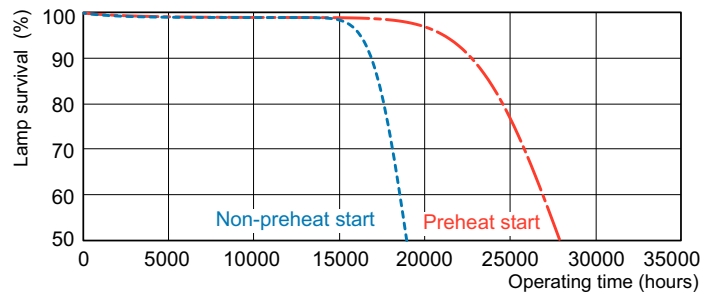
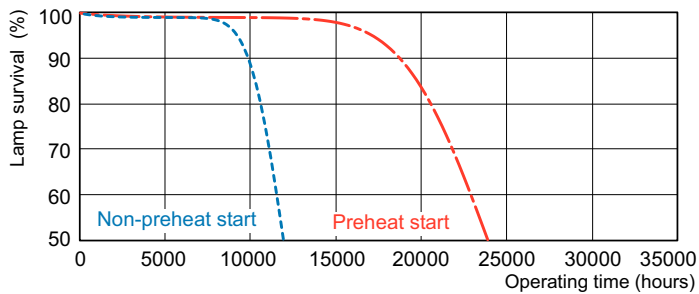
Dimensional drawing

1

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------|---------|----------|----------|----------|----------|
| 14W/841 Min Bipin T5 HE | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |
| ALTO UNP/40 | | | | | |

TL5 HE F14T5/841 HE Alto

Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram



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