

T5 High Output

F24T5/841/HO/ALTO 40PK

Philips T5 HO lamps are environmentally-responsible, ultra-slim and have extraordinary light output and longer life.

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 | |
|--|------------------------------|
| Base | G5 [G5] |
| Life to 50% Failures Preheat (Nom) | 30000 h |
| Features | HO Alto® [High Output Alto] |
| System Description | High Output (HO) |
| 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) | 1950 lm |
| Luminous Flux (Rated) (Nom) | 1700 lm |
| Color Designation | Cool White (CW) |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 87 lm/W |
| Correlated Color Temperature (Nom) | 4100 K |
| Luminous Efficacy (rated) (Nom) | 76 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) | 22.5 W |
| Lamp Current (Nom) | 0.295 A |

Temperature

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

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Controls and dimming

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

Mechanical and housing

| | |
|----------------------|--------------------|
| Cap-Base Information | Green [Green Cap] |
| Bulb Shape | T5 [16 mm (T5)] |

Approval and application

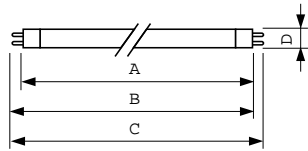
| | |
|----------------------------|--------|
| Mercury (Hg) Content (Nom) | 1.4 mg |
|----------------------------|--------|

Product data

| | |
|--------------------|----------------------------------|
| Order product name | 24W/841 Min Bipin T5 HO ALTO UNP |
|--------------------|----------------------------------|

| | |
|---------------------------------|-----------------------------|
| EAN/UPC - Product | 046677290214 |
| Order code | 290213 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927992184022 |
| Net Weight (Piece) | 54.000 g |
| ILCOS Code | FDH-24/40/1B-L/P-G5-16/1150 |

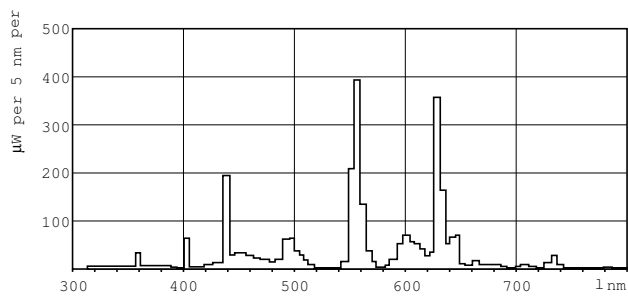
Dimensional drawing



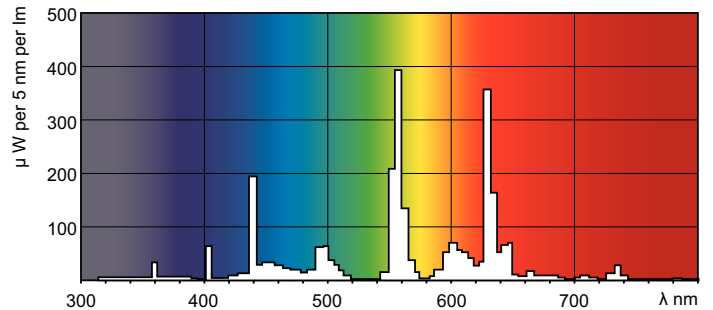
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------|---------|----------|----------|----------|----------|
| 24W/841 Min Bipin T5 HO | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |
| ALTO UNP | | | | | |

24W/841 Min Bipin T5 HO ALTO UNP

Photometric data



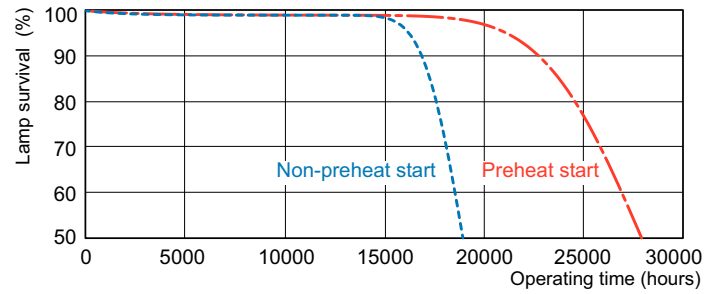
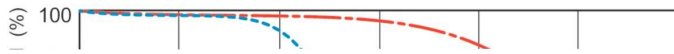
LDPB_TL5-HO8_840-Spectral power distribution B/W



LDPO_TL5-HO8_840-Spectral power distribution Colour

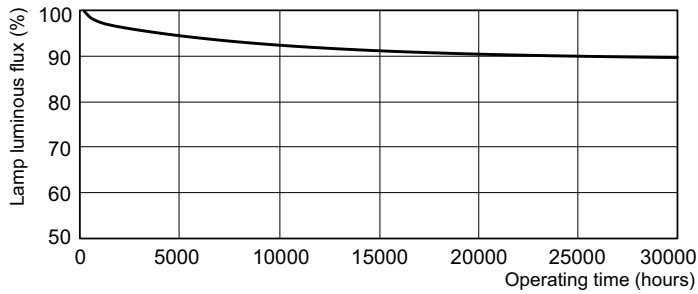
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

