



T5 High Output

F54T5/850/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 | | Color Rendering Index (Nom) | |
|--|------------------------------|-----------------------------|--------------------|
| Base | G5 [G5] | | 82 |
| Life to 50% Failures Preheat (Nom) | 30000 h | LLMF 2000 h Rated | 96 % |
| Features | HO Alto® [High Output Alto] | LLMF 4000 h Rated | 95 % |
| System Description | High Output (HO) | 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 | 850 [CCT of 5000K] | Power (Rated) (Nom) | 54.1 W |
| Initial lumen (Nom) | 4800 lm | Lamp Current (Nom) | 0.455 A |
| Luminous Flux (Rated) (Nom) | 4325 lm | | |
| Color Designation | Daylight | Temperature | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 89 lm/W | Design Temperature (Nom) | 35 °C |
| Correlated Color Temperature (Nom) | 5000 K | | |
| Luminous Efficacy (rated) (Nom) | 80 lm/W | Controls and Dimming | |
| Color Rendering Index (Max) | 85 | Dimmable | Yes |
| Color Rendering Index (Min) | 80 | | |
| | | Mechanical and Housing | |
| | | Cap-Base Information | Green [Green Cap] |

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Approval and Application

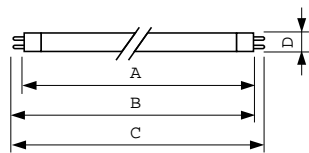
| | |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | B |
| Mercury (Hg) Content (Nom) | 1.4 mg |

Product Data

| | |
|--------------------|------------------------|
| Order product name | F54T5/850/HO/ALTO 40PK |
| EAN/UPC - Product | 046677135102 |
| Order code | 135103 |

| | |
|---------------------------------|-----------------------------|
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927993185022 |
| Net Weight (Piece) | 105.800 g |
| ILCOS Code | FDH-54/50/1B-L/P-G5-16/1150 |

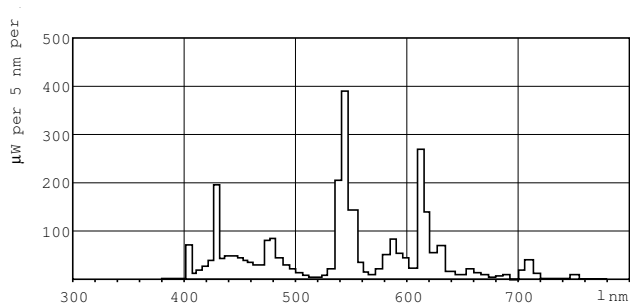
Dimensional drawing



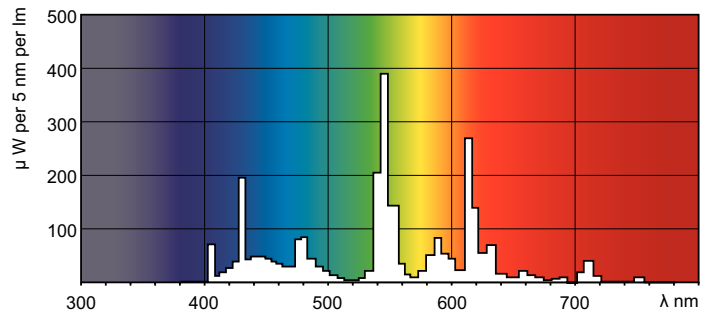
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|------------------------|---------|-----------|-----------|-----------|-----------|
| F54T5/850/HO/ALTO 40PK | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

TL5 HO F54T5/850 HO Alto

Photometric data



LDPB_TL5-HO8_850-Spectral power distribution B/W



LDPO_TL5-HO8_850-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

