

T5 High Output Energy Advantage

F54T5/841/HO/EA/ALTO 49W 40/1

Philips Energy Advantage T5 HO 49W lamps are environmentally-responsible, ultra-slim and have extraordinary light output with increased energy savings.

Product data

| General information | | Color Rendering Index (Nom) | |
|--|---------------------------------------|-----------------------------|------------------|
| Cap-Base | G5 [G5] | Color Rendering Index (Nom) | 82 |
| Life to 50% Failures Preheat (Nom) | 30000 h | LLMF 2000 h Rated | 96 % |
| Features | HO EA [High Output Energy Advantage] | LLMF 4000 h Rated | 95 % |
| LSF Preheat 2000 h Rated | 99 % | LLMF 6000 h Rated | 94 % |
| LSF Preheat 4000 h Rated | 99 % | LLMF 8000 h Rated | 93 % |
| LSF Preheat 6000 h Rated | 99 % | LLMF 12000 h Rated | 92 % |
| LSF Preheat 8000 h Rated | 99 % | LLMF 16000 h Rated | 91 % |
| LSF Preheat 16000 h Rated | 99 % | LLMF 20000 h Rated | 90 % |
| LSF Preheat 20000 h Rated | 94 % | | |
| Light technical | | Operating and electrical | |
| Color Code | 841 [CCT of 4100K] | Power (Rated) (Nom) | 48.0 W |
| Luminous Flux (Nom) | 5000 lm | Lamp Current (Nom) | 0.460 A |
| Luminous Flux (Rated) (Nom) | 4450 lm | | |
| Color Designation | Cool White (CW) | Temperature | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 102 lm/W | Design Temperature (Nom) | 35 °C |
| Correlated Color Temperature (Nom) | 4100 K | | |
| Luminous Efficacy (rated) (Nom) | 93 lm/W | Controls and dimming | |
| Color Rendering Index (Max) | 85 | Dimmable | Yes |
| Color Rendering Index (Min) | 80 | | |
| | | Mechanical and housing | |
| | | Bulb Shape | T5 [16 mm (T5)] |

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Approval and application

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

Product data

| | |
|--------------------|--------------------------|
| Order product name | F54T5 841 HO EA ALTO 49W |
| EAN/UPC - Product | 046677220525 |
| Order code | 220525 |

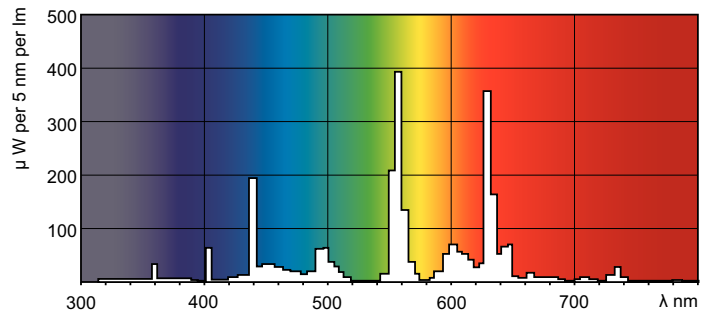
| | |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927991984031 |
| Net Weight (Piece) | 104.500 g |

Dimensional drawing

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--------------------------|---------|-----------|-----------|-----------|-----------|
| F54T5 841 HO EA ALTO 49W | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

F54T5 841 HO EA ALTO 49W

Photometric data



Lightcolor /841

Lightcolor /841

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Lifetime



MASTER TL5 HO Eco Life Expectancy 3 h cycle

MASTER TL5 HO Eco Life Expectancy 12 h cycle



MASTER TL5 HO Eco Lumen Maintenance 3 h + 12 h cycle

