



# T5 High Output Energy Advantage

# F54T5/850/HO/EA/ALTO 49W 40/1

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

#### **Product data**

| General information                          |                            |
|--|----------------------------|
| Cap-Base                                     | G5 [ G5]                   |
| Life to 50% Failures Preheat (Nom)           | 30000 h                    |
| Features                                     | HO EA [ High Output Energy |
|  | Advantage]                 |
| 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                    | 99 %                       |
| LSF Preheat 20000 h Rated                    | 94 %                       |
|  |                            |
| Light technical                              |                            |
| Color Code                                   | 850 [ CCT of 5000K]        |
| Luminous Flux (Nom)                          | 4800 lm                    |
| Luminous Flux (Rated) (Nom)                  | 4275 lm                    |
| Color Designation                            | Daylight [ Daylight]       |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 98 lm/W                    |
| Correlated Color Temperature (Nom)           | 5000 K                     |
| Luminous Efficacy (rated) (Nom)              | 89 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)         | 48.0 W           |
| Lamp Current (Nom)          | 0.460 A          |
|                             |                  |
| Temperature                 |                  |
| Design Temperature (Nom)    | 35 ℃             |
|                             |                  |
| Controls and dimming        |                  |
| Dimmable                    | Yes              |
|                             |                  |
| Mechanical and housing      |                  |
| Bulb Shape                  | T5 [ 16 mm (T5)] |
|                             |                  |

Datasheet, 2022, January 14 data subject to change

# **T5 High Output Energy Advantage**

| Approval and application   |                          |  |  |  |  |
|----------------------------|--------------------------|--|--|--|--|
| Mercury (Hg) Content (Nom) | 1.4 mg                   |  |  |  |  |
| Product data               |                          |  |  |  |  |
| Order product name         | F54T5 850 HO EA ALTO 49W |  |  |  |  |
| EAN/UPC - Product          | 046677406493             |  |  |  |  |
| Order code                 | 406496                   |  |  |  |  |

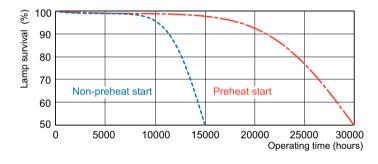
| Numerator - Quantity Per Pack   | 1            |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 40           |
| Material Nr. (12NC)             | 927991985031 |
| Net Weight (Piece)              | 104.500 g    |

## Dimensional drawing

| Product              | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|----------------------|---------|-----------|-----------|-----------|-----------|
| F54T5 850 HO EA ALTO | 17 mm   | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |
| 49W                  |         |           |           |           |           |

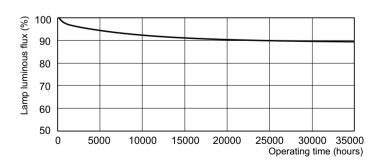
### F54T5 850 HO EA ALTO 49W

#### Lifetime





# MASTER TL5 HO Eco Life Expectancy 3 h cycle



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

## MASTER TL5 HO Eco Life Expectancy 12 h cycle

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