# **PHILIPS** Lighting

# **T5 TuffGuard Coated**

# F54T5/850/HO/ALTO TG

When you select Philips TuffGuard<sup>™</sup> Fluorescent lamp with ALTO<sup>®</sup> lamp technology, you are reducing the impact on the environment, while the coating helps to protect your customers, employees, and reputation. Philips TuffGuard<sup>™</sup> fluorescent lamps meet sustainability requirements because they reduce the impact on the environment with low mercury, energy efficiency and long life. The patented green endcaps mean you're using ALTO low-mercury technology. The 16 mils thick coating on TuffGuard<sup>™</sup> fluorescent lamps forms a protective seal from end to end and is guaranteed to last the average rated life of the lamp under specific conditions

### Warnings and Safety

• All HO lamps recommended for use only in open fixtures.

### **Product data**

| General Information                |                             |  |  |  |
|------------------------------------|-----------------------------|--|--|--|
| Cap-Base                           | G5                          |  |  |  |
| Features                           | HO Alto® [High Output Alto] |  |  |  |
|                                    |                             |  |  |  |
| Light Technical                    |                             |  |  |  |
| Color Code                         | 850 [CCT of 5000K]          |  |  |  |
| Luminous Flux                      | 4,800 lm                    |  |  |  |
| Color Designation                  | Daylight                    |  |  |  |
| Correlated Color Temperature (Nom) | 5000 K                      |  |  |  |
| Luminous Efficacy (rated) (Nom)    | 80 lm/W                     |  |  |  |
| Color rendering index (CRI)        | 82                          |  |  |  |
|                                    |                             |  |  |  |
| Operating and Electrical           |                             |  |  |  |
| Power Consumption                  | 54.1 W                      |  |  |  |
| Lamp Current (Nom)                 | 0.455 A                     |  |  |  |
|                                    |                             |  |  |  |

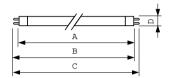
| Controls and Dimming          |                      |  |  |  |
|-------------------------------|----------------------|--|--|--|
| Dimmable                      | Yes                  |  |  |  |
|                               |                      |  |  |  |
| Mechanical and Housing        |                      |  |  |  |
| Bulb Shape                    | Т5                   |  |  |  |
|                               |                      |  |  |  |
| Approval and Application      |                      |  |  |  |
| Mercury (Hg) Content (Nom)    | 1.4 mg               |  |  |  |
|                               |                      |  |  |  |
| Product Data                  |                      |  |  |  |
| Order product name            | F54T5/850/HO/ALTO TG |  |  |  |
| Full product name             | F54T5/850/HO/ALTO TG |  |  |  |
| Order code                    | 166868               |  |  |  |
| Material Nr. (12NC)           | 927893185001         |  |  |  |
| Numerator - Quantity Per Pack | 1                    |  |  |  |
| EAN/UPC - Product/Case        | 046677166861         |  |  |  |
|                               |                      |  |  |  |

# **T5 TuffGuard Coated**

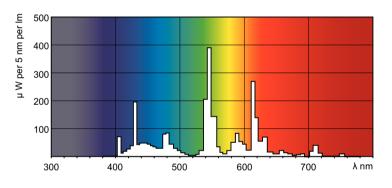
| Numerator - Packs per outer box | 40             |  |  |
|---------------------------------|----------------|--|--|
| EAN/UPC - Case                  | 50046677166866 |  |  |

#### Dimensional drawing

| Product              | D (max) | A (max)    | B (max)    | B (min)    | C (max)    |
|----------------------|---------|------------|------------|------------|------------|
| F54T5/850/HO/ALTO TG | 17 mm   | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |

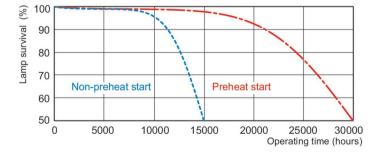


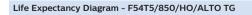
#### Photometric data

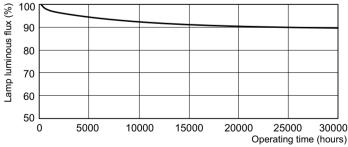


Spectral Power Distribution Colour - F54T5/850/HO/ALTO TG

## Lifetime







Lumen Maintenance Diagram - F54T5/850/HO/ALTO TG

# **T5 TuffGuard Coated**

Lifetime

Life Expectancy Diagram - F54T5/850/HO/ALTO TG



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 17 - data subject to change