



# **T5 TuffGuard Coated**

## F54T5/841/HO/EA/ALTO TG 49W

When you select Philips TuffGuard™ Fluorescent lamp with ALTO® lamp technology, you are reducing the impact on the environment, while the coating helps to protect your customers, employees, and reputation. Philips TuffGuard™ 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™ 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 [G5]			
Features	HO EA [High Output Energy Advantage]			
Light Technical				
Color Code	841 [CCT of 4100K]			
Luminous Flux	5,000 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4100 K			
Luminous Efficacy (rated) (Nom)	93 lm/W			
Color rendering index (CRI)	82			
Operating and Electrical				
Power Consumption	48.0 W			
Lamp Current (Nom)	0.460 A			

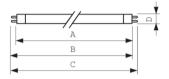
Controls and Dimming					
Dimmable	Yes				
Mechanical and Housing					
Bulb Shape	T5 [16 mm (T5)]				
Approval and Application					
Mercury (Hg) Content (Nom)	1.4 mg				
Product Data					
Order product name	F54T5/841/HO/EA/ALTO TG 49W				
Full product name	F54T5/841/HO/EA/ALTO TG 49W				
Order code	169615				
Material Nr. (12NC)	927891984101				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	046677169619				

Datasheet, 2023, April 30 data subject to change

## **T5 TuffGuard Coated**

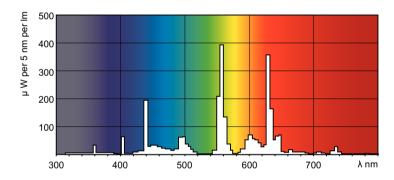
Numerator - Packs per outer box	40
EAN/UPC - Case	50046677169614

#### Dimensional drawing



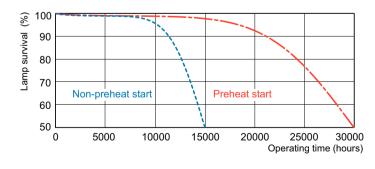
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5/841/HO/EA/ALTO TG	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
49W					

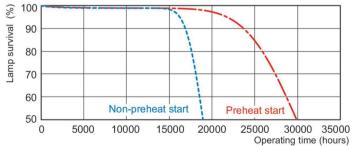
#### Photometric data



Spectral Power Distribution Colour - F54T5/841/HO/EA/ALTO TG 49W

#### Lifetime



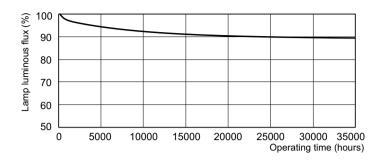


Life Expectancy Diagram - F54T5/841/HO/EA/ALTO TG 49W

Life Expectancy Diagram - F54T5/841/HO/EA/ALTO TG 49W

## **T5 TuffGuard Coated**

#### Lifetime



Lumen Maintenance Diagram - F54T5/841/HO/EA/ALTO TG 49W



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