

Outstanding performance and reliability

T5 TuffGuard Coated

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

Benefits

- Sustainable Lighting Solution - Philips TuffGuard lamps reduce the impact on the environment with low mercury.
- Energy Efficient for a greener, brighter future
- Long Life to assist with lowering your maintenance costs and reducing waste.

Features

- Keeps broken glass contained.
- Coating will not yellow, crack, or flake.
- Reduces the impact on the environment:Low mercury, Energy efficient,Long life
- Warranty: Coating Guaranteed to Last the Average Rated Life of the Lamp.
- Lighting Required to be Shielded or Otherwise Protected in Food Service and Food Processing Areas.
- 8,13,14,21,24,28,35,54 watts with 3000,3500,4100,and, 5000 color temperatures

Application

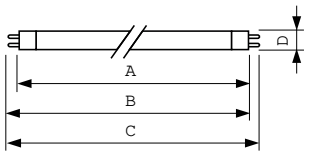
- Ideal for food processing/services, manufacturing, and hospitals

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Warnings and Safety

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

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5/841/HO/ALTO TG 40PK	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
F54T5/850/HO/ALTO TG	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

General Information	
Cap-Base	G5
Light Technical	
Color rendering index (CRI)	82
Operating and Electrical	
Lamp Current (Nom)	0.455 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg

Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
927893184102	F54T5/841/HO/ALTO TG 40PK	Cool White (CW)	4100 K	83 lm/W	5,000 lm

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
927893185001	F54T5/850/HO/ALTO TG	Daylight	5000 K	80 lm/W	4,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
927893184102	F54T5/841/HO/ALTO TG 40PK	54 W

Order Code	Full Product Name	Power Consumption
927893185001	F54T5/850/HO/ALTO TG	54.1 W



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