

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

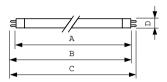
• Ideal for food processing/services, manufacturing, and hospitals

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Warnings and Safety

 \cdot 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	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
40PK					
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

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

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
927893184102	F54T5/841/HO/ALTO TG 40PK	54 W	927893185001	F54T5/850/HO/ALTO TG	54.1 W

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