



Maximize energy savings without sacrificing light output

T5 High Output Energy Advantage

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

Benefits

- Outstanding energy savings save 5 watts when switching from a standard T5 HO 54W lamp, with no sacrifice to performance.
- Sustainable Lighting Solution only 1.4 mg of mercury per lamp the lowest mercury levels in the industry.
- With just 12 Picograms per lumen hour \(\), these lamps allow for more design freedom and help exceed all LEED requirements (For more information on LEED, please visit www.usgbc.org)

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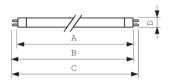
Features

- · Reduced maintenance and disposal costs.
- · Long life (40,000 hrs RAL**) for an extended relamping cycle.
- Outstanding energy savings save 5 watts when switching from a standard T5 HO 54W lamp, with no sacrifice to performance.
- · Save \$20.00 instantly in energy costs over the rated average life§ of the lamp
- · Operates on any Programmed Start ballast.
- Sustainable lighting solution- Reduces the impact on the environment: low mercury, energy efficiency, long life, and less material.
- Only 1.4 mg of mercury, the lowest in the industry.
- With just 9.8 Picograms per lumen hour \(\), these lamps allow for more design freedom and help exceed all LEED requirements \(\).
- Extreme Temperature lamp provides extraordinary output even in spaces without climate control. Lumen output is >90% from 65 degrees F to 170 degrees F due to amalgam technology.
- · Available in 49 Watt 3000K, 3500K, 4100K and 5000K Color Temperatures.

Application

· Ideal for medium-bay and high-bay retail and industrial applications.

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5 835 HO EA ALTO 49W	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
F54T5 841 HO EA ALTO 49W	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
E54T5 850 HO E4 ALTO 49W	17 mm	1 149 O mm	1156.1 mm	1 153 7 mm	1 163 2 mm

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General Information	
Cap-Base	G5
Light Technical	
Color rendering index (CRI)	82
Operating and Electrical	
Lamp Current (Nom)	0.460 A
Power Consumption	48.0 W
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg

Light Technical

			Correlated Color	Luminous Efficacy	
	Full Product	Color	Temperature	(rated)	Luminous
Order Code	Name	Designation	(Nom)	(Nom)	Flux
927991983531	F54T5 835	White (WH)	3500 K	93 lm/W	5,000 lm
	HO EA ALTO				
	49W				
927991984031	F54T5 841	Cool White	4100 K	93 lm/W	5,000 lm
	HO EA ALTO	(CW)			
	49W				

			Correlated	Luminous	
			Color	Efficacy	
	Full Product	Color	Temperature	(rated)	Luminous
Order Code	Name	Designation	(Nom)	(Nom)	Flux
927991985031	F54T5 850	Daylight	5000 K	89 lm/W	4,800 lm
	HO EA ALTO				
	49W				
	49W				

