PHILIPS

T5 High Output Energy Advantage

F_T5HOEA



Maximize energy savings without sacrificing light output

Philips Energy Advantage T5 HO 49W lamps are environmentally-responsible, ultra-slim 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)

Applications

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

Features

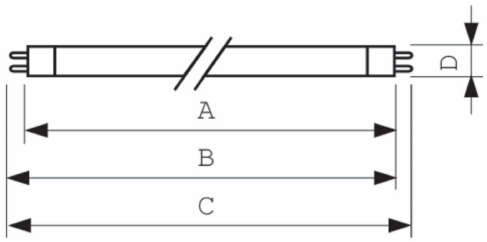
- Reduced maintenance and disposal costs.
- Long life (40,000 hrs RAL**) for an extended relamping cycle.
- Outstanding energy savings - save 5 watts when switching from a standard T5 HO 54W lamp, with no sacrifice to performance.
- Save $20.00 instantly in energy costs over the rated average life§ of 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.

Versions



LPPR TL5ECO PHL

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

General Information

Cap-Base	G5

Light Technical

Luminous Flux	5,000 lm
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

Approval and Application

Mercury (Hg) Content (Nom)	1.4 mg

Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)
927991983531	F54T5 835 HO EA ALTO 49W	White (WH)	3500 K
927991984031	F54T5 841 HO EA ALTO 49W	Cool White (CW)	4100 K

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