



T5 High Output Energy Advantage

F54T5/835/HO/EA/ALTO 49W 40/1

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

Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

General information		Correlated Color Temperature (Nom)	
Base	G5 [G5]		3500 K
Life to 50% Failures Preheat (Nom)	30000 h	Luminous Efficacy (rated) (Nom)	93 lm/W
Features	HO EA [High Output Energy Advantage]	Color Rendering Index (Max)	85
LSF Preheat 2000 h Rated	99 %	Color Rendering Index (Min)	80
LSF Preheat 4000 h Rated	99 %	Color Rendering Index (Nom)	82
LSF Preheat 6000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 8000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 16000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 20000 h Rated	94 %	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light technical		Operating and electrical	
Color Code	835 [CCT of 3500K]	Power (Rated) (Nom)	48.0 W
Initial lumen (Nom)	5000 lm	Lamp Current (Nom)	0.460 A
Luminous Flux (Rated) (Nom)	4450 lm		
Color Designation	White (WH)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	102 lm/W		

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Temperature

Design Temperature (Nom) 95 °F

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 835 HO EA ALTO 49W

EAN/UPC - Product 046677220501

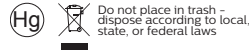
Order code 220509

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 40

Material Nr. (12NC) 927991983531

Copy Net Weight (Piece) 0.23 lb

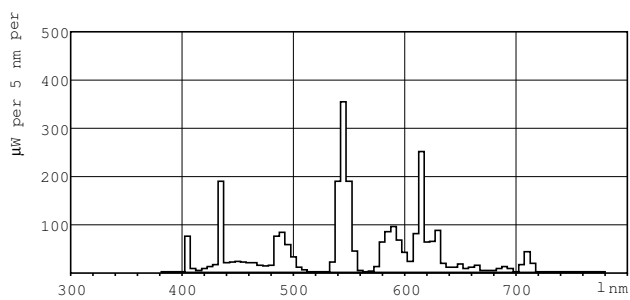


Dimensional drawing

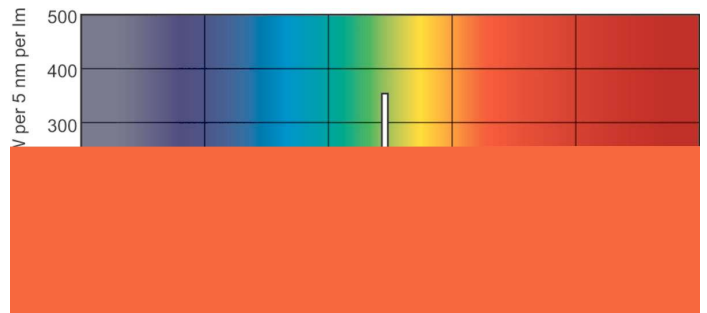
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5 835 HO EA ALTO 49W	11/16 in	45-1/4 in	45-9/16 in	45-7/16 in	45-13/16 in

F54T5 835 HO EA ALTO 49W

Photometric data



LDPB_TL5ECO_835-Spectral power distribution B/W



LDPO_TL5ECO_835-Spectral power distribution Colour

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Lifetime



LDLE_TL5ECO_0001-Life expectancy diagram

LDLE_TL5ECO_0002-Life expectancy diagram



LDLM_TL5ECO_0001-Lumen maintenance diagram

