



T5 High Output Energy Advantage

F54T5/850/HO/EA/ALTO 49W 40/1

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

Product data

General Information			
Cap-Base	G5 [G5]		
Life to 50% Failures Preheat (Nom)	30000 h		
Features	HO EA [High Output Energy		
	Advantage]		
LSF Preheat 2000 h Rated	99 %		
LSF Preheat 4000 h Rated	99 %		
LSF Preheat 6000 h Rated	99 %		
LSF Preheat 8000 h Rated	99 %		
LSF Preheat 16000 h Rated	99 %		
LSF Preheat 20000 h Rated	94 %		
Light Technical			
Color Code	850 [CCT of 5000K]		
Luminous Flux (Nom)	4800 lm		
Luminous Flux (Rated) (Nom)	4275 lm		
Color Designation	Daylight [Daylight]		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	98 lm/W		
Correlated Color Temperature (Nom)	5000 K		
Luminous Efficacy (rated) (Nom)	89 lm/W		
Color Rendering Index (Max)	85		
Color Rendering Index (Min)	80		

Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Rated) (Nom)	48.0 W
Lamp Current (Nom)	0.460 A
Temperature	
Design Temperature (Nom)	35 ℃
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label (EEL)	A

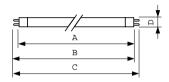
Datasheet, 2018, July 25 data subject to change

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Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	F54T5 850 HO EA ALTO 49W
EAN/UPC - Product	046677406493
Order code	406496

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927991985031
Net Weight (Piece)	104.500 g

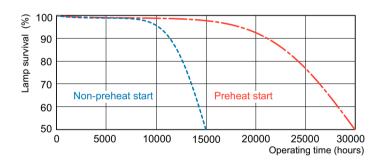
Dimensional drawing

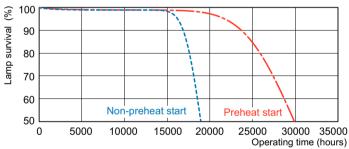


Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5 850 HO EA ALTO	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
49W					

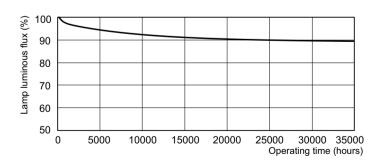
TL5 HO Eco F54T5/850 HO EA 49W

Lifetime





MASTER TL5 HO Eco Life Expectancy 3 h cycle



MASTER TL5 HO Eco Lumen Maintenance 3 h + 12 h cycle

MASTER TL5 HO Eco Life Expectancy 12 h cycle

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