



T5 High Output Energy Advantage

F54T5/841/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	841 [CCT of 4100K]
Luminous Flux (Nom)	5000 lm
Luminous Flux (Rated) (Nom)	4450 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom) 102 lm/W
Correlated Color Temperature (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	93 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		
Mechanical and housing			
Bulb Shape	T5 [16 mm (T5)]		

Datasheet, 2022, January 14 data subject to change

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Approval and application					
Mercury (Hg) Content (Nom)	1.4 mg				
Product data					
Order product name	F54T5 841 HO FA ALTO 49W				
EAN/UPC - Product	046677220525				
Order code	220525				

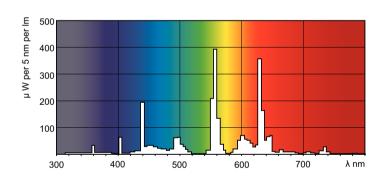
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927991984031
Net Weight (Piece)	104.500 g

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5 841 HO EA ALTO	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
49W					

F54T5 841 HO EA ALTO 49W

Photometric data

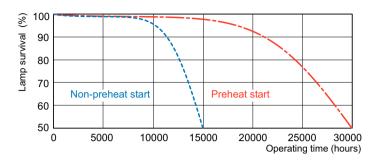


Lightcolor /841

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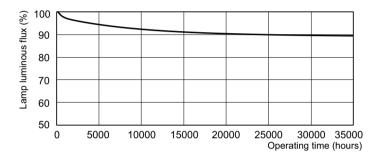
Lifetime





MASTER TL5 HO Eco Life Expectancy 3 h cycle





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



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