



T5 High Output

F54T5/841/HO/ALTO 40PK

Philips T5 HO lamps are environmentally-responsible, ultra-slim and have extraordinary light output and longer life.

G5 [G5]

Warnings and Safety

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

Product data

Base

General Information

base	92 [93]		
Life to 50% Failures Preheat (Nom)	30000 h		
Features	HO Alto® [High Output Alto]		
System Description	High Output (HO)		
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	97 %		
LSF Preheat 20000 h Rated	84 %		
Light Technical			
Color Code	841 [CCT of 4100K]		
Initial lumen (Nom)	5000 lm		
Luminous Flux (Rated) (Nom)	4500 lm		
Color Designation	Cool White (CW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W		
Correlated Color Temperature (Nom)	4100 K		
Luminous Efficacy (rated) (Nom)	83 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)	54.1 W		
Lamp Current (Nom)	0.455 A		
Temperature			
Design Temperature (Nom)	35 ℃		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Cap-Base Information	Green [Green Cap]		

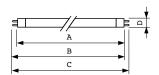
Datasheet, 2020, October 15 data subject to change

T5 High Output

Approval and Application			
Energy Efficiency Label (EEL)	A		
Mercury (Hg) Content (Nom)	1.4 mg		
Product Data			
Order product name	54W/840 Min Bipin T5 HO ALTO UNP		
EAN/UPC - Product	046677290832		
Order code	290833		

Numerator - Quantity Per Pack	1 40 927993184022 105.800 g		
Numerator - Packs per outer box			
Material Nr. (12NC)			
Net Weight (Piece)			
ILCOS Code	FDH-54/40/1B-L/P-G5-16/1150		

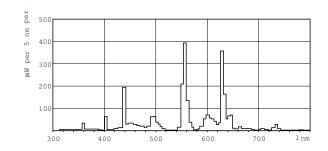
Dimensional drawing



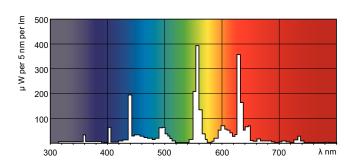
Product	D (max)	A (max)	B (max)	B (min)	C (max)
54W/840 Min Bipin T5	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
HO ALTO UNP					

TL5 HO F54T5/841 HO Alto

Photometric data





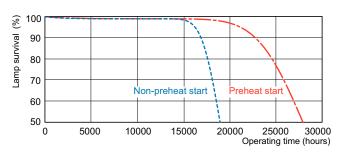


LDPO_TL5-HO8_840-Spectral power distribution Colour

T5 High Output

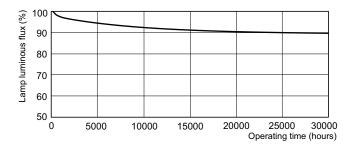
Lifetime





LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.