



# 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.

### Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

General information	
Base	G5 [ G5]
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)	95 °F
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## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Cap-Base Information	Green [ Green Cap]
Bulb Shape	T5 [ 16 mm (T5)]

## Approval and application

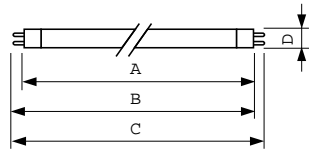
Mercury (Hg) Content (Nom)	1.4 mg
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## Product data

Order product name	54W/840 Min Bipin T5 HO ALTO UNP
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EAN/UPC - Product	046677290832
Order code	290833
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927993184022
Copy Net Weight (Piece)	0.233 lb
ILCOS Code	FDH-54/40/1B-L/P-G5-16/1150

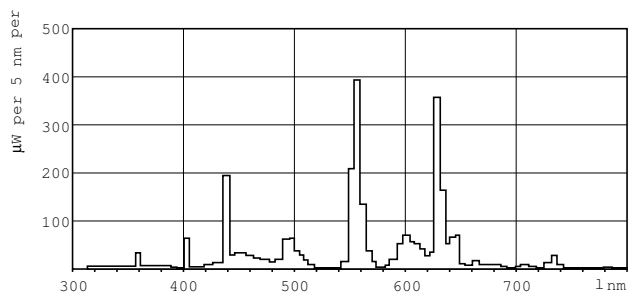
## Dimensional drawing



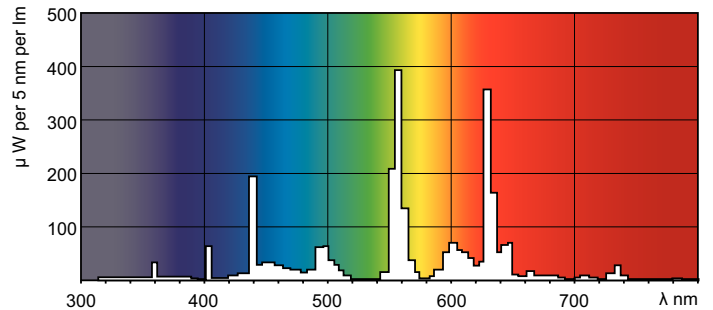
Product	D (max)	A (max)	B (max)	B (min)	C (max)
54W/840 Min Bipin T5 HO ALTO UNP	11/16 in	45-1/4 in	45-9/16 in	45-7/16 in	45-13/16 in

54W/840 Min Bipin T5 HO ALTO UNP

## Photometric data



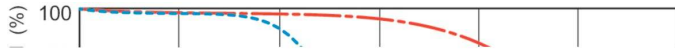
LDPB\_TL5-HO8\_840-Spectral power distribution B/W



LDPO\_TL5-HO8\_840-Spectral power distribution Colour

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## Lifetime



LDLE\_TL5-HO8\_0001-Life expectancy diagram

LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

