



# **T5 High Output**

## F54T5/835/HO/ALTO 40PK

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

#### **Warnings and Safety**

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

#### **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	835 [ CCT of 3500K]				
Initial lumen (Nom)	5000 lm				
Luminous Flux (Rated) (Nom)	4500 lm				
Color Designation	White (WH)				
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W				
Correlated Color Temperature (Nom)	3500 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 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green [ Green Cap]

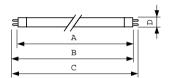
Datasheet, 2020, October 29 data subject to change

## **T5 High Output**

Bulb Shape	T5 [ 16 mm (T5)]	
Approval and Application		
Mercury (Hg) Content (Nom)	1.4 mg	
Product Data		
Order product name	54W/835 Min Bipin T5 HO ALTO UNP	
EAN/UPC - Product	046677290283	

Order code	290288	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	40	
Material Nr. (12NC)	927993183522	
Net Weight (Piece)	104.500 g	
ILCOS Code	FDH-54/35/1B-L/P-G5-16/850	

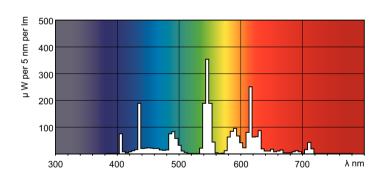
#### Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
54W/835 Min Bipin T5	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
HO ALTO UNP					

#### TL5 HO F54T5/835 HO Alto

#### Photometric data



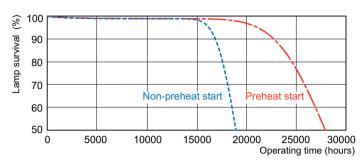
LDPB\_TL5-HO8\_835-Spectral power distribution B/W

LDPO\_TL5-HO8\_835-Spectral power distribution Colour

### **T5 High Output**

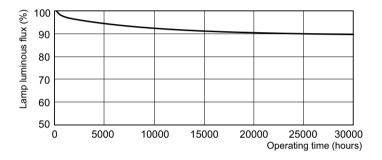
#### Lifetime





#### LDLE\_TL5-HO8\_0001-Life expectancy diagram





LDLM\_TL5-HO8\_0001-Lumen maintenance diagram



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