



# T5 High Output

24W/835 Min Bipin T5 HO ALTO UNP

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

## Product data

### • General Characteristics

System Description	High Output
Base	Miniature Bipin
Base Information	Green [Green Base]
Bulb	T5 [16 mm]
Life to 10% fail	21000 hr
Preheat EL,3h	
Rated Avg. Life	30000 hr
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
6000h Rated,3h	
LSF HF Preheat	99 %
8000h Rated,3h	
LSF HF Preheat	99 %
12000h Rated,3h	
LSF HF Preheat	97 %
16000h Rated,3h	
LSF HF Preheat	84 %
20000h Rated,3h	

### • Light Technical Characteristics

Color Code	835 [CCT of 3500K]
Color Rendering Index	80 (min), 82 (nom), 85 (max) Ra8
Color Designation	White
Color Temperature	3500 K
Luminous Flux EL	1700 Lm
25°C, Rated	
Luminous Flux EL	1700 Lm
25°C, Nominal	
Initial Lumens	1950 Lm
Lum Efficacy Rated	76 Lm/W
HF 25°C	

Lum Efficacy Rated	87 Lm/W
HF 35°C	
LLMF HF 2000h	96 %
Rated	
LLMF HF 4000h	95 %
Rated	
LLMF HF 6000h	94 %
Rated	
LLMF HF 8000h	93 %
Rated	
LLMF HF 12000h	92 %
Rated	
LLMF HF 16000h	91 %
Rated	
LLMF HF 20000h	90 %
Rated	
Design Temperature	35 C
Chromaticity Coordinate X	409 -
Chromaticity Coordinate Y	394 -

### • Electrical Characteristics

Watts	24 W
Lamp Wattage EL	22.5 W
25°C, Rated	
Lamp Wattage EL	22.5 W
25°C, Nominal	
Lamp Wattage EL	22.5 W
35°C	
Lamp Voltage EL	77 V
25°C	
Lamp Voltage EL	75 V
35°C	
Lamp Current EL	0.295 A
25°C	

**PHILIPS**

# T5 High Output

Lamp Current EL 0.300 A  
 35°C  
 Dimmable Yes

Insertion Length B 553.7 (min), 556.1 (max) mm  
 Overall Length C 563.2 (max) mm  
 Diameter D 17 (max) mm

• Environmental Characteristics

Energy Efficiency Label (EEL) A  
 Mercury (Hg) Content 1.4 mg

• Measuring Conditions

Calibration Current 0.300 A  
 HF Generator Rated Voltage 150 V  
 Resistor 250 ohm

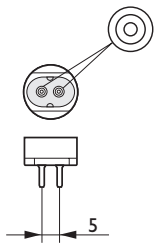
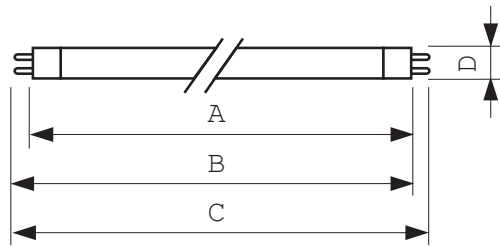
• Product Dimensions

Base Face to Base Face A 549.0 (max) mm

• Product Data

Product number 290205  
 Full product name 24W/835 Min Bipin T5 HO ALTO UNP  
 Short product name 24W/835 Min Bipin T5 HO ALTO UNP  
 Pieces per Sku 1  
 eop\_pck\_cfg 40  
 Skus/Case 40  
 Bar code on pack 46677290207  
 Bar code on case 50046677290202  
 Logistics code(s) 927992183522  
 tpd\_ilcos\_cd FDH-24/35/1B-L/P-G5-16/850  
 eop\_net\_weight\_pp 54.000 gr

## Dimensional drawing

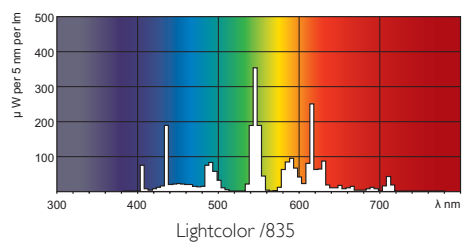
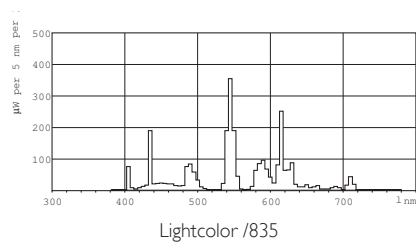


G5

### 24W/835 Min Bipin T5 HO ALTO UNP

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO F24T5/835 HO Alto	549.0	553.7	556.1	563.2	17

## Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2014, October 31  
data subject to change