



T5 High Output

24W/841 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]
Rated Avg. Life	24000 hr
Life to 10% fail	19000 hr
Preheat EL,3h	
LSF HF Preheat	84 %
20000h Rated,3h	
LSF HF Preheat	97 %
16000h Rated,3h	
LSF HF Preheat	99 %
12000h Rated,3h	
LSF HF Preheat	99 %
8000h Rated,3h	
LSF HF Preheat	99 %
6000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
2000h Rated,3h	

• Light Technical Characteristics

Color Code	841 [CCT of 4100K]
Color Rendering Index	85 Ra8
Color Designation	Cool White
Color Temperature	4100 K
Chromaticity Coordinate X	381 -
Chromaticity Coordinate Y	379 -
Initial Lumens	1950 Lm
Lum Efficacy Rated HF 25°C	78 Lm/W

Lum Efficacy Rated HF 35°C	87 Lm/W
LLMF HF 20000h Rated	90 %
LLMF HF 16000h Rated	91 %
LLMF HF 12000h Rated	92 %
LLMF HF 8000h Rated	93 %
LLMF HF 6000h Rated	94 %
LLMF HF 4000h Rated	95 %
LLMF HF 2000h Rated	96 %
Luminous Flux EL 25°C, Rated	1750 Lm
Luminous Flux EL 25°C, Nominal	1750 Lm
Design Temperature	35 C

• Electrical Characteristics

Watts	24 W
Lamp Voltage EL 25°C	77 V
Lamp Current EL 25°C	0.295 A
Dimmable	Yes
Lamp Wattage EL 35°C	22.5 W
Lamp Current EL 35°C	0.300 A
Lamp Voltage EL 35°C	75 V

PHILIPS

sense and simplicity

T5 High Output

Lamp Wattage EL 22.5 W
 25°C, Rated
 Lamp Wattage EL 24 W
 25°C, Nominal

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

• **Measuring Conditions**

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

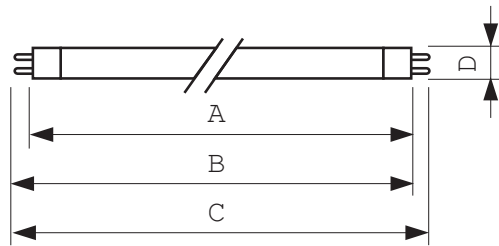
• **Product Dimensions**

Base Face to Base Face A 549.0 (max) mm

• **Product Data**

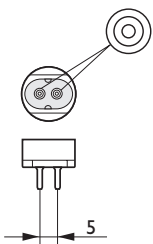
Product number 290213
 Full product name 24W/841 Min Bipin T5 HO ALTO UNP
 Short product name 24W/841 Min Bipin T5 HO ALTO UNP
 Pieces per Sku 1
 eop_pck_cfg 40
 Skus/Case 40
 Bar code on pack 46677290214
 Bar code on case 50046677290219
 Logistics code(s) 927992184022
 tpd_ilcos_cd FDH-24/40/1B-L/P-G5-16/1150
 eop_net_weight_pp 54.000 gr

Dimensional drawing



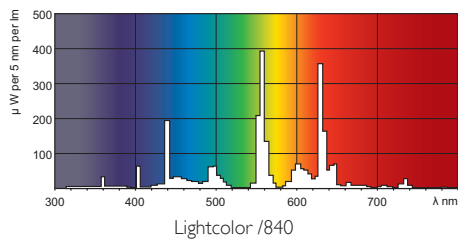
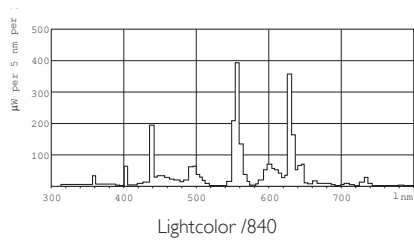
G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO F24T5/841 HO Alto	549.0	553.7	556.1	563.2	17



G5

Photometric data



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data subject to change