



T5 High Output

24W/850 HO Alto

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

Product data

• General Characteristics

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	850 [CCT of 5000K]
Color Designation	Daylight [Daylight]
Color Temperature	5000 K
Luminous Flux EL	1650 Lm
25°C, Rated	
Luminous Flux EL	1650 Lm
25°C, Nominal	
Initial Lumens	1875 Lm
Lum Efficacy Rated	74 Lm/W
HF 25°C	
Lum Efficacy Rated	83 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	347 -
Chromaticity Coordinate Y	363 -

• 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	
Lamp Current EL	0.300 A
35°C	

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T5 High Output

Dimmable Yes

• Environmental Characteristics

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

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

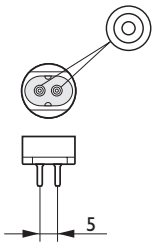
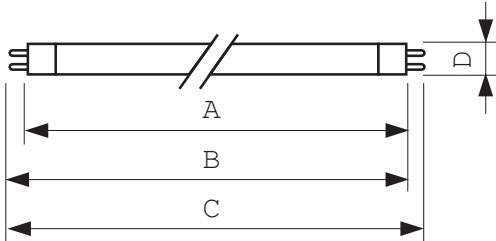
• Product Data

Product number 412775
Full product name 24W/850 HO Alto
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 46677412777
Bar code on case 50046677412772
Logistics code(s) 927992185022
eop_net_weight_pp 54.000 gr

Dimensional drawing

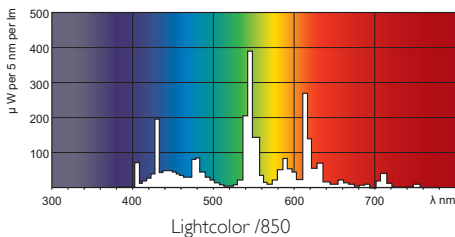
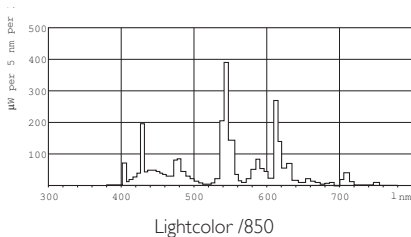
24W/850 HO Alto

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO F24T5/850 HO Alto	549.0	553.7	556.1	563.2	17



G5

Photometric data





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www.philips.com/lighting

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data subject to change