



T5 Standard

14W/835 Min Bipin T5 HE ALTO UNP

Philips T5 Fluorescent Lamps featuring ALTO® Lamp Technology offer increased energy savings and low toxicity in a slim profile.

Product data

• General Characteristics

System Description	High Efficiency
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	835 [CCT of 3500K]
Color Rendering Index	82 Ra8
Color Designation	White
Color Temperature	3500 K
Chromaticity Coordinate X	412 -
Chromaticity Coordinate Y	401 -
Initial Lumens	1350 Lm
Lum Efficacy Rated HF 25°C	89 Lm/W

Lum Efficacy Rated HF 35°C	99 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	1250 Lm
Luminous Flux EL 25°C, Nominal	1250 Lm
Design Temperature	35 C

• Electrical Characteristics

Watts	14 W
Lamp Voltage EL 25°C	86 V
Lamp Current EL 25°C	0.165 A
Dimmable	Yes
Lamp Wattage EL 35°C	13.7 W
Lamp Current EL 35°C	0.170 A
Lamp Voltage EL 35°C	82 V

PHILIPS

sense and simplicity

T5 Standard

Lamp Wattage EL 25°C, Rated 14.0 W
 Lamp Wattage EL 25°C, Nominal 14 W

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 0.170 A
 HF Generator Rated Voltage 167 V
 Resistor 500 ohm

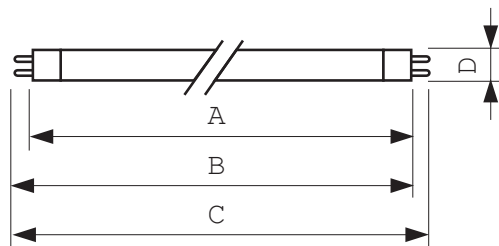
• Product Dimensions

Base Face to Base Face A 549.0 (max) mm

• Product Data

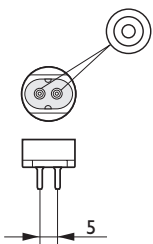
Product number 230797
 Full product name 14W/835 Min Bipin T5 HE ALTO UNP
 Short product name F14T5/835/ALTO 40PK
 Pieces per Sku 1
 eop_pck_cfg 40
 Skus/Case 40
 Bar code on pack 46677230791
 Bar code on case 50046677230796
 Logistics code(s) 927990483522
 tpd_ilcos_cd FDH-14/35/1B-L/P-G5-16
 eop_net_weight_pp 54.000 gr

Dimensional drawing



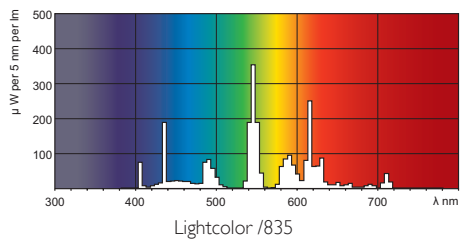
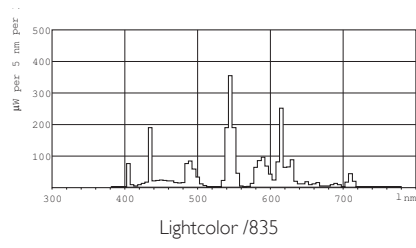
G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HE F14T5/835 HE Alto	549.0	553.7	556.1	563.2	17



G5

Photometric data



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data subject to change