



T5 Energy Advantage

F28T5 25W/835 HE EA

Philips Energy Advantage T5 lamps featuring ALTO Lamp Technology offer ultimate energy savings without any sacrifice to light levels.

Product data

• General Characteristics

Base	Miniature Bipin
Bulb	T5 [16 mm]
Life to 10% fail Preheat EL,3h	21000 hr
Rated Avg. Life	25000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	99 %
LSF HF Preheat 6000h Rated,3h	99 %
LSF HF Preheat 8000h Rated,3h	99 %
LSF HF Preheat 12000h Rated,3h	99 %
LSF HF Preheat 16000h Rated,3h	99 %
LSF HF Preheat 20000h Rated,3h	94 %

• 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 25°C, Rated	2600 Lm
Luminous Flux EL 25°C, Nominal	2600 Lm
Initial Lumens	2900 Lm
Lum Efficacy Rated HF 25°C	103 Lm/W
Lum Efficacy Rated HF 35°C	114 Lm/W

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

• Electrical Characteristics

Watts	25 W
Lamp Wattage EL 25°C, Rated	25.2 W
Lamp Wattage EL 25°C, Nominal	25.2 W
Lamp Wattage EL 35°C	25.5 W
Lamp Voltage EL 25°C	149 V
Lamp Voltage EL 35°C	154 V
Lamp Current EL 25°C	0.170 A
Lamp Current EL 35°C	0.170 A

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Dimmable Yes

• Environmental Characteristics

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

• Measuring Conditions

Calibration Current 0.170 A
 HF Generator Rated Voltage 311 V
 Resistor 950 ohm

• Product Dimensions

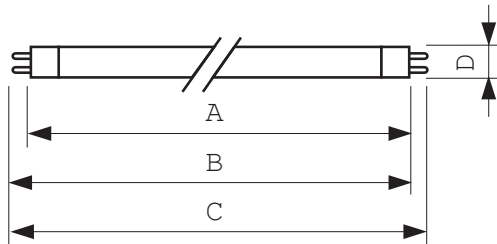
Base Face to Base Face A 1149.0 (max) mm

Insertion Length B 1153.7 (min), 1156.1 (max) mm
 Overall Length C 1163.2 (max) mm
 Diameter D 17 (max) mm

• Product Data

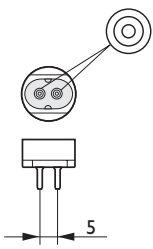
Product number 406314
 Full product name F28T5 25W/835 HE EA
 Short product name F28T5 835 HE EA ALTO 25W
 Pieces per Sku 1
 eop_pck_cfg 40
 Skus/Case 40
 Bar code on pack 46677406318
 Bar code on case 50046677406313
 Logistics code(s) 927991383531
 eop_net_weight_pp 104.500 gr

Dimensional drawing



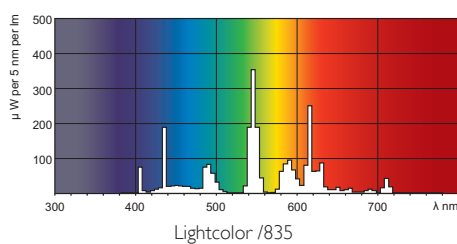
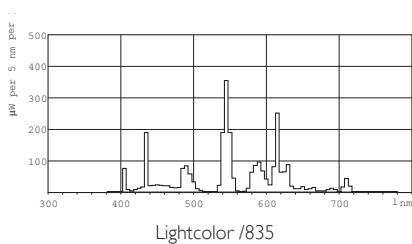
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HE Eco F28T5/835 HE EA 25W	1149.0	1153.7	1156.1	1163.2	17



G5

Photometric data





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data subject to change