



T5 Standard

F35T5/841

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 Plate
Bulb	T5 [16 mm]
Life to 10% fail	19000 hr
Preheat EL,3h	
Rated Avg. Life	24000 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	841 [CCT of 4100K]
Color Rendering Index	85 Ra8
Color Designation	Cool White
Color Temperature	4100 K
Luminous Flux EL	3325 Lm
25°C, Rated	
Luminous Flux EL	3325 Lm
25°C, Nominal	
Initial Lumens	3650 Lm
Lum Efficacy Rated	94 Lm/W
HF 25°C	

Lum Efficacy Rated	105 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	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Watts	35 W
Lamp Wattage EL	35.5 W
25°C, Rated	
Lamp Wattage EL	35.5 W
25°C, Nominal	
Lamp Wattage EL	34.7 W
35°C	
Lamp Voltage EL	205 V
25°C	
Lamp Voltage EL	209 V
35°C	
Lamp Current EL	0.175 A
25°C	

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Lamp Current EL 0.170 A
35°C
Dimmable Yes

Insertion Length B 1453.7 (min), 1456.1 (max) mm
Overall Length C 1463.2 (max) mm
Diameter D 17 (max) mm

• Environmental Characteristics

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

• Measuring Conditions

Calibration Current 0.170 A
HF Generator Rated 413 V
Voltage
Resistor 1200 ohm

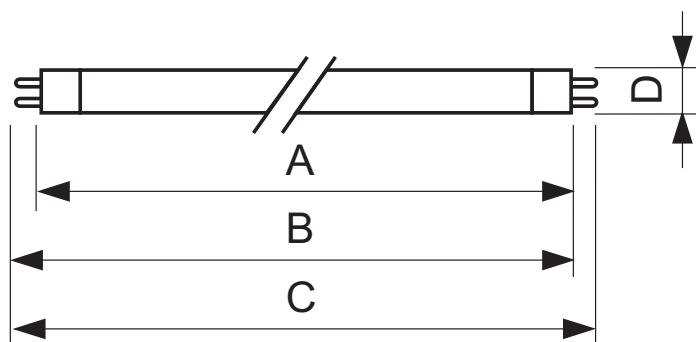
• Product Dimensions

Base Face to Base 1449.0 (max) mm
Face A

• Product Data

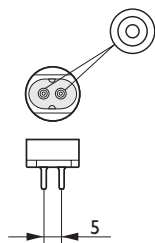
Product number 230953
Full product name MASTER TL5 HE 35W/840 UNP
Short product name MASTER TL5 HE 35W/840 UNP/40
Pieces per Sku 1
eop_pck_cfg 40
Skus/Case 40
Bar code on pack 46677230951
Bar code on case 2008410018842
Logistics code(s) 927992784022
tpd_ilcos_cd FDH-35/40/1B-L/P-G5-16/1450
eop_net_weight_pp 128.700 gr

Dimensional drawing



F35T5/841

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HE F35T5/841 HE Alto	1449.0	1453.7	1456.1	1463.2	17



G5



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data subject to change