



T5 High Output

54W/850 T5 HO ALTO

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	850 [CCT of 5000K]
Color Rendering Index	84 Ra8
Color Designation	Daylight [Daylight]
Color Temperature	5000 K
Chromaticity Coordinate X	346 -
Chromaticity Coordinate Y	359 -
Initial Lumens	4800 Lm
Lum Efficacy Rated HF 25°C	79 Lm/W

Lum Efficacy Rated HF 35°C	89 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	4275 Lm
Luminous Flux EL 25°C, Nominal	4275 Lm
Design Temperature	35 C

• Electrical Characteristics

Watts	54 W
Lamp Voltage EL 25°C	120 V
Lamp Current EL 25°C	0.455 A
Dimmable	Yes
Lamp Wattage EL 35°C	53.8 W
Lamp Current EL 35°C	0.460 A
Lamp Voltage EL 35°C	118 V

PHILIPS

sense and simplicity

T5 High Output

Lamp Wattage EL 25°C, Rated 54.1 W
 Lamp Wattage EL 25°C, Nominal 54 W

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

• Environmental Characteristics

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

• Measuring Conditions

Calibration Current 0.460 A
 HF Generator Rated Voltage 235 V
 Resistor 255 ohm

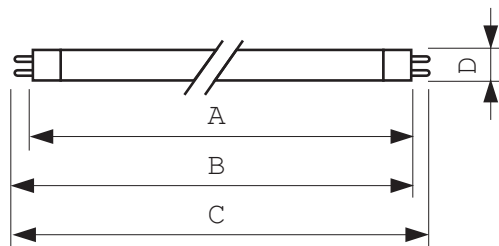
• Product Dimensions

Base Face to Base Face A 1149.0 (max) mm

• Product Data

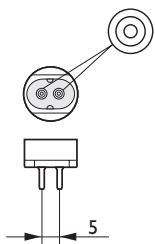
Product number 135103
 Full product name 54W/850 T5 HO ALTO
 Short product name F54T5/850/HO/ALTO 40PK
 Pieces per Sku 1
 eop_pck_cfg 40
 Skus/Case 40
 Bar code on pack 46677135102
 Bar code on case 50046677135107
 Logistics code(s) 927993185022
 tpd_ilcos_cd FDH-54/50/1B-L/P-G5-16/1150
 eop_net_weight_pp 105.000 gr

Dimensional drawing



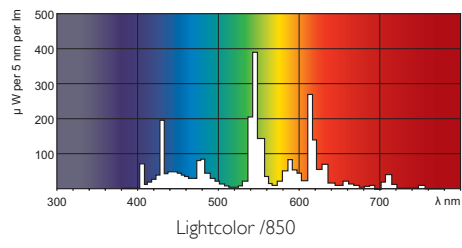
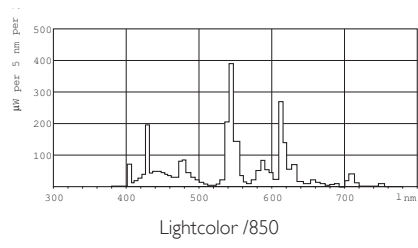
G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO F54T5/850 HO Alto	1149.0	1153.7	1156.1	1163.2	17



G5

Photometric data



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data subject to change