



T5 High Output

F54T5/850/HO/ALTO 40PK

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

Product data

General Information	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	30000 h
Features	HO Alto® [High Output Alto]
System Description	HO [High Output (HO)]
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %
Light Technical	
Color Code	850 [CCT of 5000K]
Luminous Flux (Nom)	4800 lm
Luminous Flux (Rated) (Nom)	4325 lm
Color Designation	Daylight [Daylight]
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	89 lm/W
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %

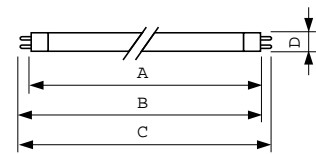
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Rated) (Nom)	54.1 W
Lamp Current (Nom)	0.455 A
Temperature	
Design Temperature (Nom)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green [Green Base]
Bulb Shape	T5 [16 mm (T5)]
Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	F54T5/850/HO/ALTO 40PK

T5 High Output

EAN/UPC - Product	046677135102
Order code	135103
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927993185022

Net Weight (Piece)	105.800 g
ILCOS Code	FDH-54/50/1B-L/P-G5-16/1150

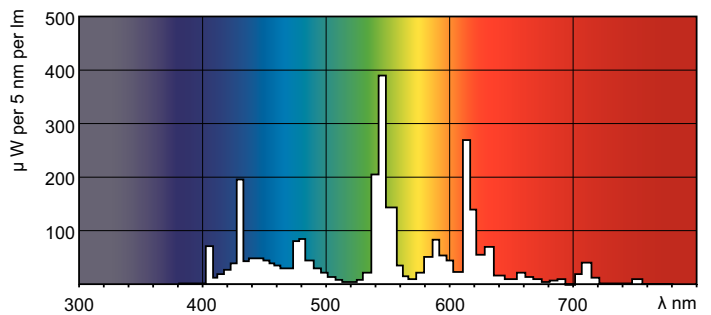
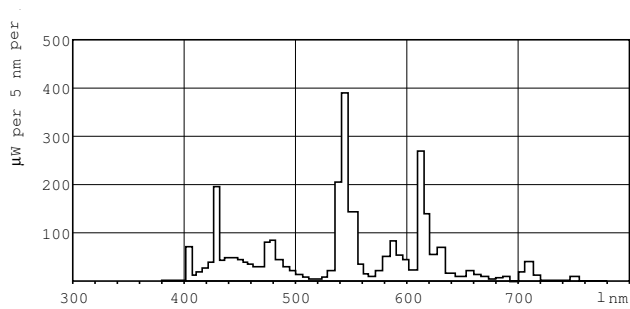
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5/850/HO/ALTO 40PK	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

TL5 HO F54T5/850 HO Alto

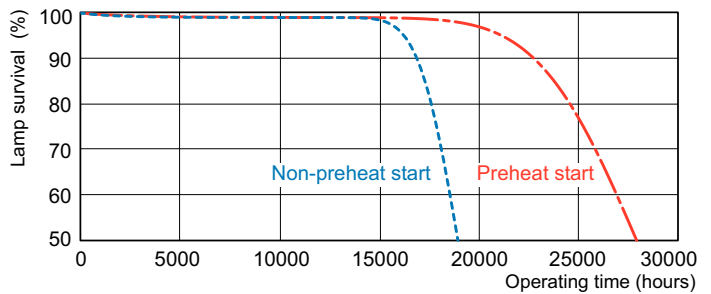
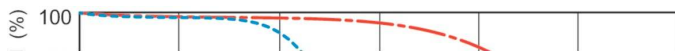
Photometric data



Lightcolor /850

Lightcolor /850

Lifetime

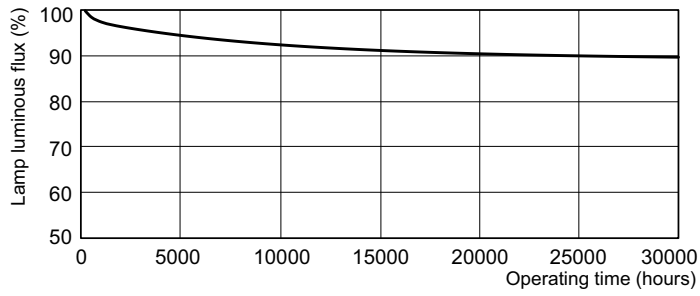


MASTER TL5 HO/ActiViva Life Expectancy 3 h cycle

MASTER TL5 HO/ActiViva Life Expectancy 12 h cycle

T5 High Output

Lifetime



MASTER TL5 HO/ActiViva Lumen Maintenance 3 h + 12 h cycle

