



# T5 Energy Advantage

## F54T5/841/HO/XEW/ALTO/44W

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

### Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

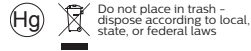
### Product data

General information		Operating and electrical	
Base	G5 [ G5]	Luminous Efficacy (rated) (Nom)	91 lm/W
Life to 50% Failures Preheat (Nom)	30000 h	Color Rendering Index (Max)	85
Features	HO XEW Alto® [ High Output Energy Advantage Alto]	Color Rendering Index (Min)	80
LSF Preheat 2000 h Rated	100 %	Color Rendering Index (Nom)	82
LSF Preheat 4000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 6000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 8000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 16000 h Rated	98 %	LLMF 8000 h Rated	93 %
LSF Preheat 20000 h Rated	97 %	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light technical		Temperature	
Color Code	841 [ CCT of 4100K]	Design Temperature (Nom)	35 °C
Initial lumen (Nom)	4500 lm		
Luminous Flux (Rated) (Nom)	3900 lm		
Color Designation	Cool White (CW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	102 lm/W		
Correlated Color Temperature (Nom)	4100 K		

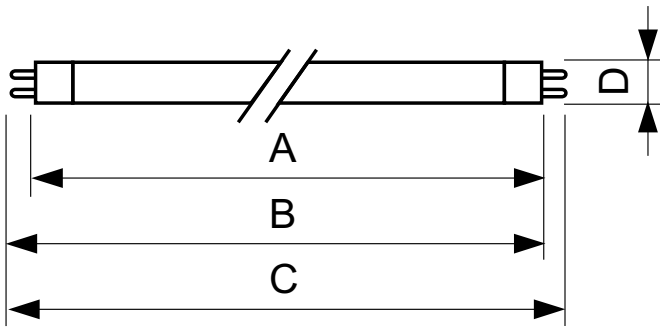
## T5 Energy Advantage

Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Bulb Shape	T5 [ 16 mm (T5)]
Approval and application	
Mercury (Hg) Content (Nom)	1.4 mg
Product data	
Order product name	F54T5/841/HO/XEW/ALTO 44W

EAN/UPC - Product	046677417826
Order code	417824
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927992884031
Net Weight (Piece)	103.000 g
ILCOS Code	FDH-44/40/1B-L/P-G5-16/1150



### Dimensional drawing



F54T5/841/HO/XEW/ALTO 44W

Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5/841/HO/XEW/ ALTO 44W	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

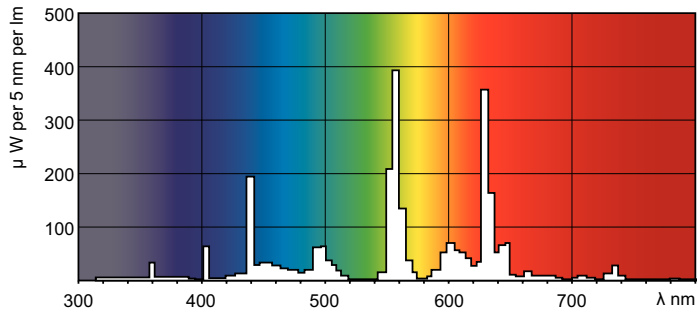
### Photometric data

LDPB\_TL5HOEPL\_840-Spectral power distribution B/W

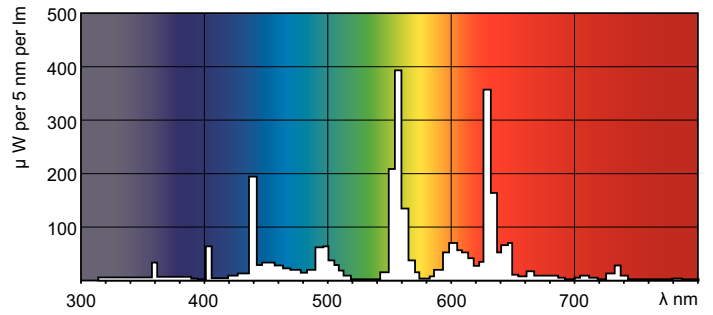
LDPB\_TL5HOEPL\_PLC\_0001-Spectral power distribution B/W

# T5 Energy Advantage

## Photometric data

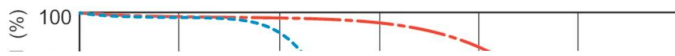


LDPO\_TL5HOEPL\_840-Spectral power distribution Colour

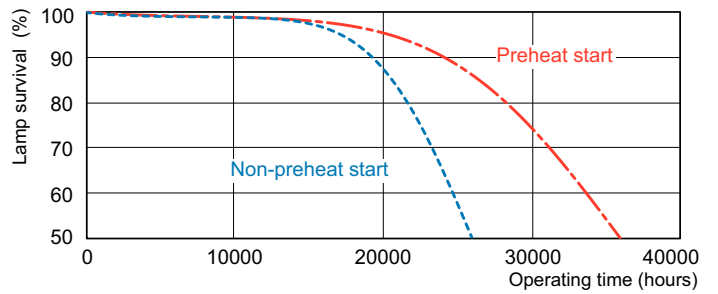


LDPO\_TL5HOEPL\_PLC\_0001-Spectral power distribution Colour

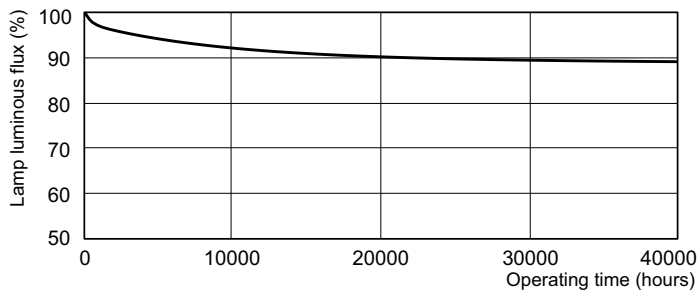
## Lifetime



LDLE\_TL5HOEPL\_0001-Life expectancy diagram



LDLE\_TL5HOEPL\_0002-Life expectancy diagram



LDLM\_TL5HOEPL\_0001-Lumen maintenance diagram

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