



# T5 High Output

## F39T5/830/HO/ALTO 40PK

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

### 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

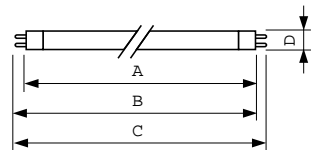
General Information		Color Rendering Index (Nom)	
Base	G5 [ G5]	LLMF 2000 h Rated	96 %
Life to 50% Failures Preheat (Nom)	30000 h	LLMF 4000 h Rated	95 %
Features	HO Alto® [ High Output Alto]	LLMF 6000 h Rated	94 %
System Description	High Output (HO)	LLMF 8000 h Rated	93 %
LSF Preheat 2000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 4000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF Preheat 6000 h Rated	99 %	LLMF 20000 h Rated	90 %
LSF Preheat 8000 h Rated	99 %	Operating and Electrical	
LSF Preheat 16000 h Rated	97 %	Power (Rated) (Nom)	38.0 W
LSF Preheat 20000 h Rated	84 %	Lamp Current (Nom)	0.325 A
Light Technical		Temperature	
Color Code	830 [ CCT of 3000K]	Design Temperature (Nom)	35 °C
Initial lumen (Nom)	3500 lm	Controls and Dimming	
Luminous Flux (Rated) (Nom)	3100 lm	Dimmable	Yes
Color Designation	Warm White (WW)	Mechanical and Housing	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	92 lm/W	Cap-Base Information	Green [ Green Cap]
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	82 lm/W		
Color Rendering Index (Max)	85		
Color Rendering Index (Min)	80		

T5 High Output

Bulb Shape	T5 [ 16 mm (T5)]
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	39W/830 Min Bipin T5 HO ALTO UNP
EAN/UPC - Product	046677290221

Order code	290221
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927992683022
Net Weight (Piece)	78.000 g
ILCOS Code	FDH-39/30/1B-L/P-G5-16/1150

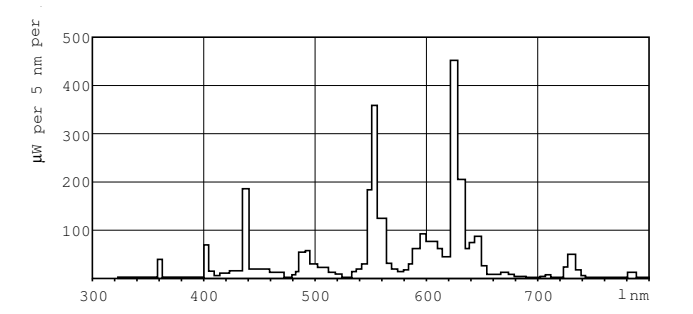
Dimensional drawing



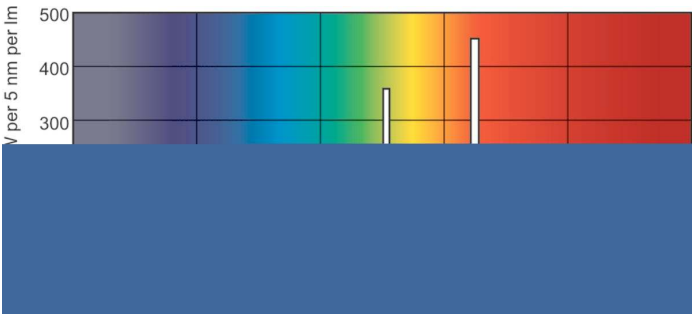
Product	D (max)	A (max)	B (max)	B (min)	C (max)
39W/830 Min Bipin T5 HO	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
ALTO UNP					

TL5 HO F39T5/830 HO Alto

Photometric data



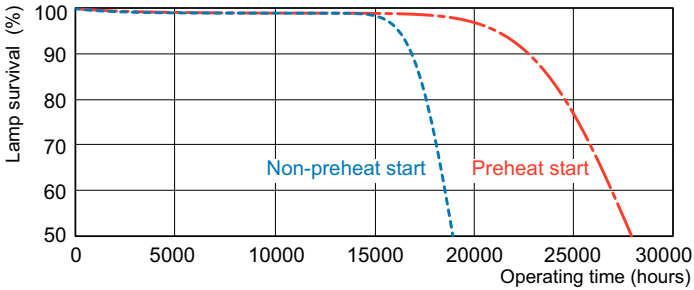
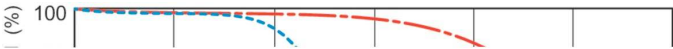
LDPB\_TL5-HO8\_830-Spectral power distribution B/W



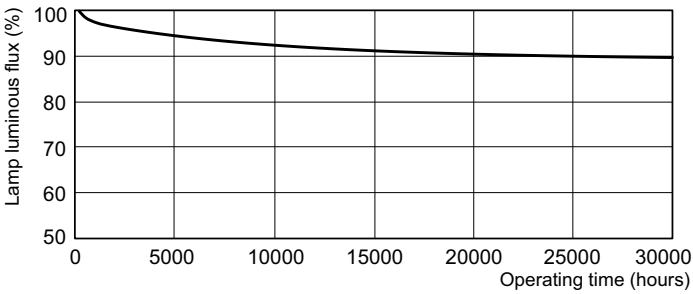
LDPO\_TL5-HO8\_830-Spectral power distribution Colour

T5 High Output

Lifetime



LDLE\_TL5-HO8\_0001-Life expectancy diagram



LDLE\_TL5-HO8\_0002-Life expectancy diagram

LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

