



# T5 High Output

## F24T5/830/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	
Base	G5 [ G5]
Life to 50% Failures Preheat (Nom)	30000 h
Features	HO Alto® [ High Output Alto]
System Description	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	830 [ CCT of 3000K]
Initial lumen (Nom)	1950 lm
Luminous Flux (Rated) (Nom)	1700 lm
Color Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	87 lm/W
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	76 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)	22.5 W
Lamp Current (Nom)	0.295 A

### Temperature

Design Temperature (Nom)	35 °C
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## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Cap-Base Information	Green [ Green Cap]
Bulb Shape	T5 [ 16 mm (T5)]

## Approval and application

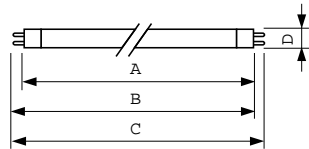
Mercury (Hg) Content (Nom)	1.4 mg
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## Product data

Order product name	F24T5/830/HO/ALTO 40PK
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EAN/UPC - Product	046677290191
Order code	290197
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927992183022
Net Weight (Piece)	54.000 g
ILCOS Code	FDH-24/30/1B-L/P-G5-16/1150

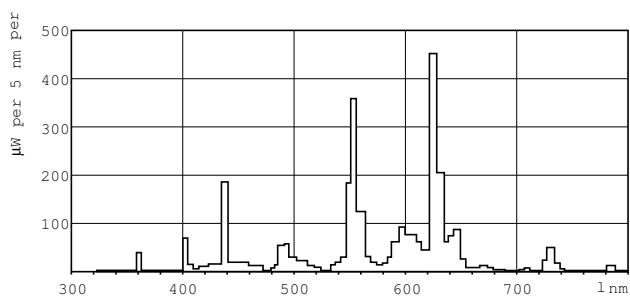
## Dimensional drawing



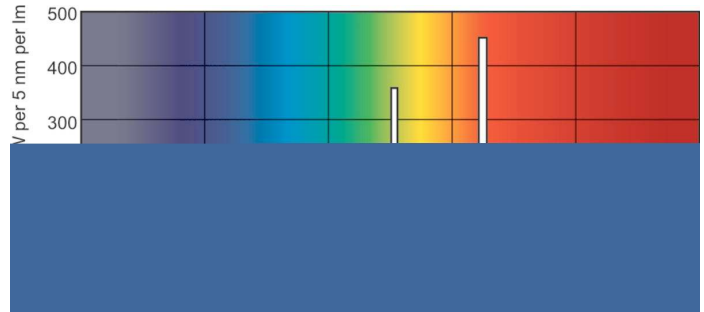
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F24T5/830/HO/ALTO 40PK	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

F24T5/830/HO/ALTO 40PK

## Photometric data



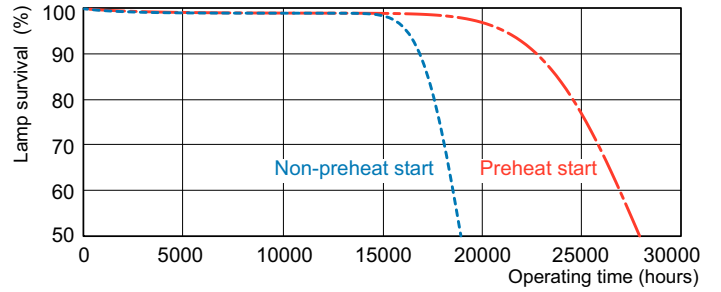
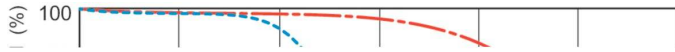
LDPB\_TL5-HO8\_830-Spectral power distribution B/W



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

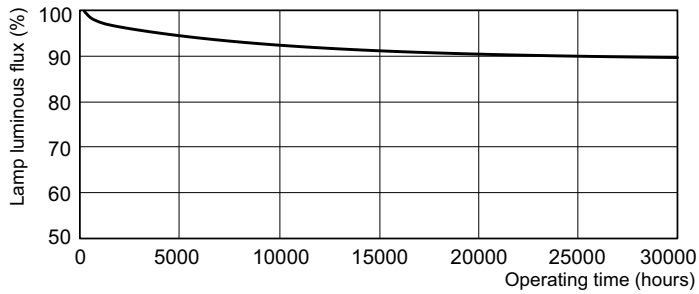
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## Lifetime



LDLE\_TL5-HO8\_0001-Life expectancy diagram

LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

