



# T5 High Output

## F24T5/835/HO/ALTO 40PK

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

### 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	835 [ CCT of 3500K]
Initial lumen (Nom)	1950 lm
Luminous Flux (Rated) (Nom)	1700 lm
Color Designation	White (WH)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	87 lm/W
Correlated Color Temperature (Nom)	3500 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
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green [ Green Cap]
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	24W/835 Min Bipin T5 HO ALTO UNP

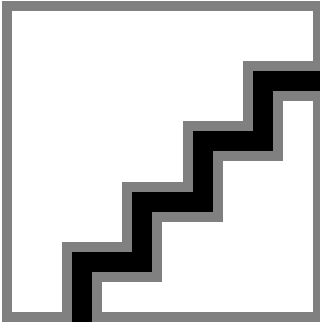
## T5 High Output

EAN/UPC - Product	046677290207
Order code	290205
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927992183522

Net Weight (Piece)	54.000 g
ILCOS Code	FDH-24/35/1B-L/P-G5-16/850

### Warnings and Safety

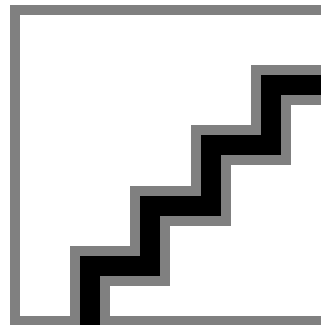
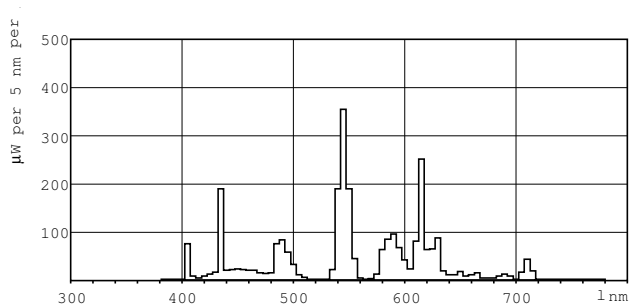
### Dimensional drawing



TL5 HO F24T5/835 HO Alto

Product	D (max)	A (max)	B (max)	B (min)	C (max)
24W/835 Min Bipin T5 HO	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
ALTO UNP					

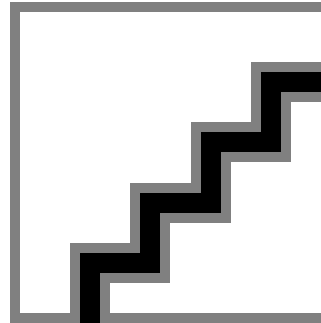
### Photometric data



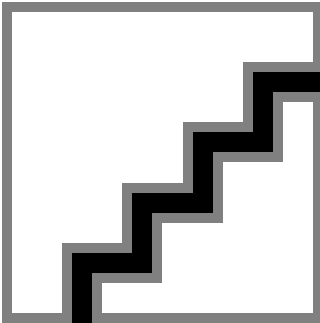
LDPO\_TL5-HO8\_835-Spectral power distribution Colour

## T5 High Output

### Lifetime



LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

