



T5 High Output

F54T5/865/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 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	865 [CCT of 6500K]
Initial lumen (Nom)	4650 lm
Luminous Flux (Rated) (Nom)	4200 lm
Color Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	86 lm/W
Correlated Color Temperature (Nom)	6300 K
Luminous Efficacy (rated) (Nom)	77 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
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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)]

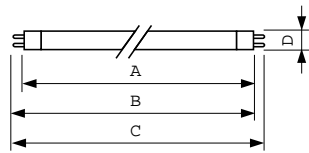
Approval and application

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

Order product name	F54T5/865/HO/ALTO 40PK
EAN/UPC - Product	046677147457
Order code	147454
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927993186522
Net Weight (Piece)	104.500 g

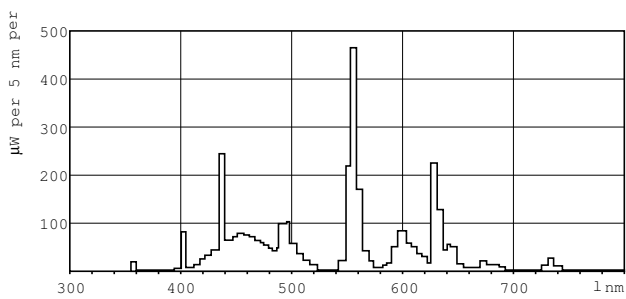
Dimensional drawing



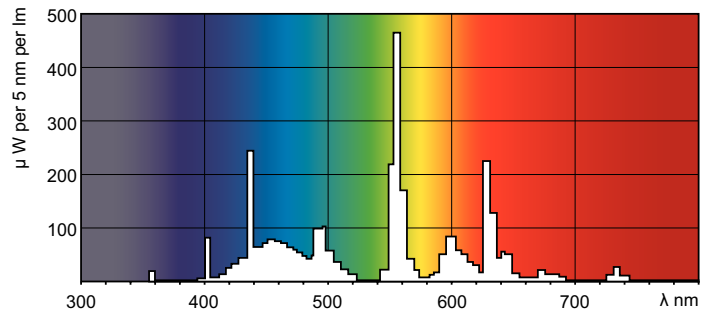
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5/865/HO/ALTO 40PK	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

F54T5/865/HO/ALTO 40PK

Photometric data



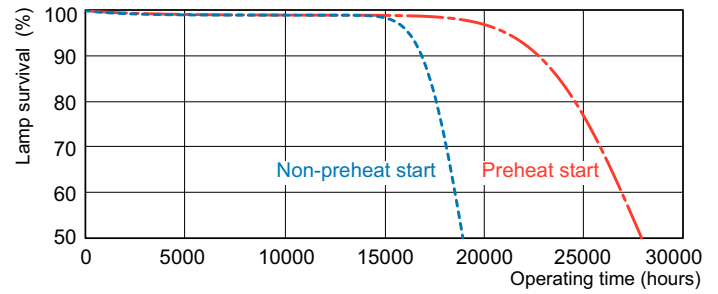
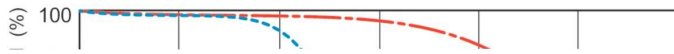
LDPB_TL5-HO8_865-Spectral power distribution B/W



LDPO_TL5-HO8_865-Spectral power distribution Colour

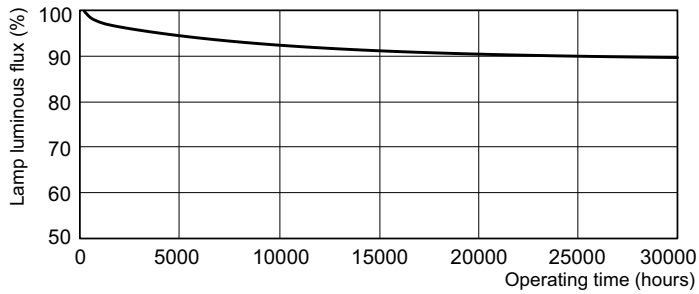
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

