

T5 High Output Energy Advantage

F54T5/850/HO/EA/ALTO 49W 40/1

Philips Energy Advantage T5 HO 49W lamps are environmentally-responsible, ultra-slim and have extraordinary light output with increased energy savings.

Product data

General information	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	30000 h
Features	HO EA [High Output Energy Advantage]
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	99 %
LSF Preheat 20000 h Rated	94 %
Light technical	
Color Code	850 [CCT of 5000K]
Luminous Flux (Nom)	4800 lm
Luminous Flux (Rated) (Nom)	4275 lm
Color Designation	Daylight [Daylight]
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	98 lm/W
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	89 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)	48.0 W
Lamp Current (Nom)	0.460 A

Temperature

Design Temperature (Nom)	35 °C
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Controls and dimming

Dimmable	Yes
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Mechanical and housing

Bulb Shape	T5 [16 mm (T5)]
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Approval and application

Mercury (Hg) Content (Nom) 1.4 mg

Product data

Order product name F54T5 850 HO EA ALTO 49W

EAN/UPC - Product 046677406493

Order code 406496

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 40

Material Nr. (12NC) 927991985031

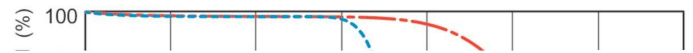
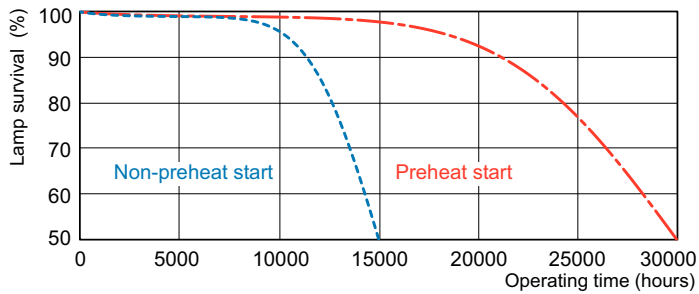
Net Weight (Piece) 104.500 g

Dimensional drawing

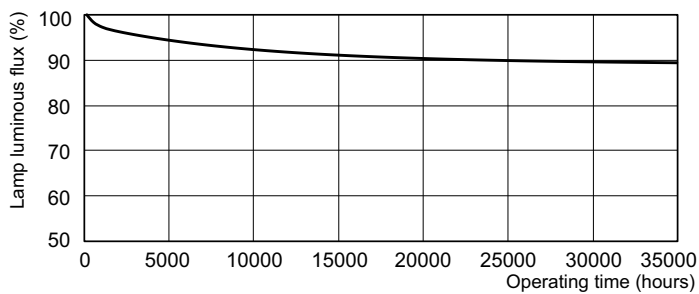
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F54T5 850 HO EA ALTO 49W	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

F54T5 850 HO EA ALTO 49W

Lifetime



MASTER TL5 HO Eco Life Expectancy 3 h cycle



MASTER TL5 HO Eco Life Expectancy 12 h cycle

MASTER TL5 HO Eco Lumen Maintenance 3 h + 12 h cycle

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