



T5 Energy Advantage

F28T5 850 HE EA ALTO 25W

Philips Energy Advantage T5 lamps featuring ALTO Lamp Technology offer ultimate energy savings without any sacrifice to light levels.

Product data

General Information	
Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	25000 h
Features	HE EA [High Efficiency 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]
Initial lumen (Nom)	2775 lm
Luminous Flux (Rated) (Nom)	2500 lm
Color Designation	Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	109 lm/W
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	99 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)	25.2 W
Lamp Current (Nom)	0.170 A

Temperature	
Design Temperature (Nom)	35 °C

Controls and Dimming	
Dimmable	Yes

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg

Product Data	
Order product name	F28T5 850 HE EA ALTO 25W
EAN/UPC - Product	046677414207
Order code	414201
Numerator - Quantity Per Pack	1

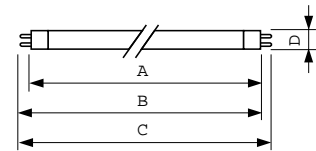
T5 Energy Advantage

Numerator - Packs per outer box	40
Material Nr. (12NC)	927991385031
Net Weight (Piece)	104.500 g

Warnings and Safety

• Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

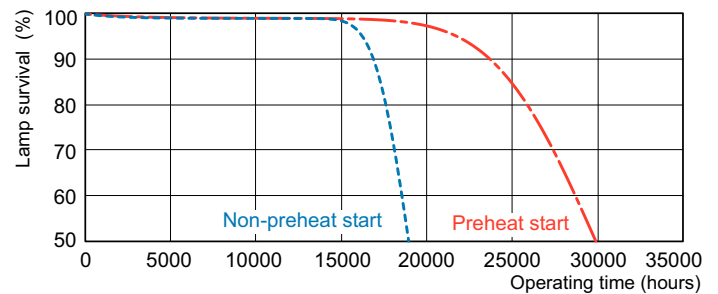
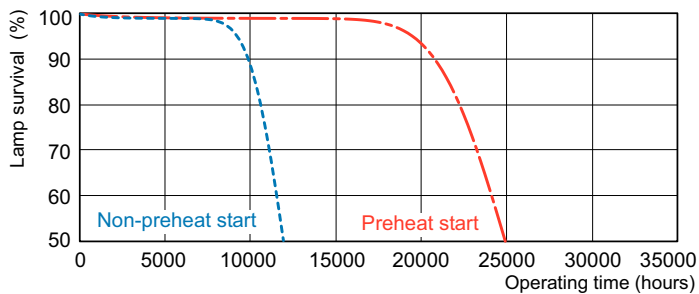
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
F28T5 850 HE EA ALTO 25W	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

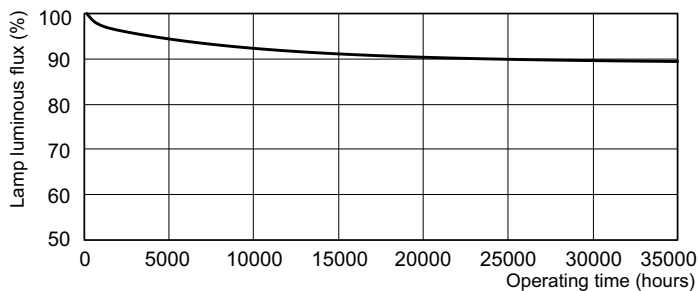
TL5 HE Eco F28T5/850 HE EA 25W

Lifetime



MASTER TL5 HE Eco Life Expectancy 3 h cycle

MASTER TL5 HE Eco Life Expectancy 12 h cycle



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

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