



# 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.

### 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

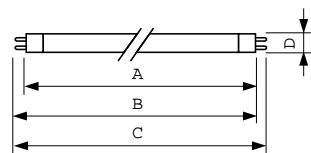
General Information		Color Rendering Index (Nom)	
Base	G5 [ G5]	LLMF 2000 h Rated	96 %
Life to 50% Failures Preheat (Nom)	25000 h	LLMF 4000 h Rated	95 %
Features	HE EA [ High Efficiency Energy Advantage]	LLMF 6000 h Rated	94 %
LSF Preheat 2000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 4000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 6000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF Preheat 8000 h Rated	99 %	LLMF 20000 h Rated	90 %
LSF Preheat 16000 h Rated	99 %	Operating and Electrical	
LSF Preheat 20000 h Rated	94 %	Power (Rated) (Nom)	25.2 W
Light Technical		Lamp Current (Nom)	0.170 A
Color Code	850 [ CCT of 5000K]	Temperature	
Initial lumen (Nom)	2775 lm	Design Temperature (Nom)	35 °C
Luminous Flux (Rated) (Nom)	2500 lm	Controls and Dimming	
Color Designation	Daylight	Dimmable	Yes
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	109 lm/W	Approval and Application	
Correlated Color Temperature (Nom)	5000 K	Energy Efficiency Label (EEL)	A
Luminous Efficacy (rated) (Nom)	99 lm/W		
Color Rendering Index (Max)	85		
Color Rendering Index (Min)	80		

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

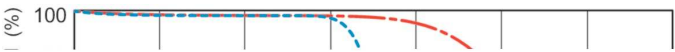
Dimensional drawing



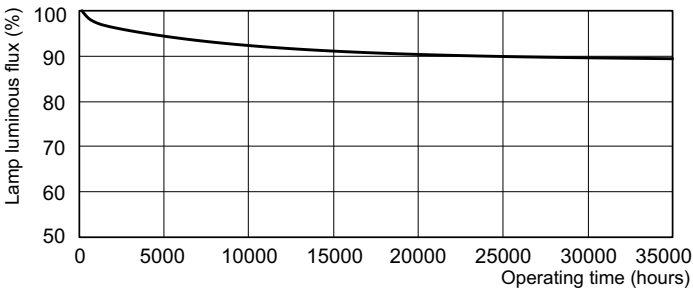
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F28T5 850 HE EA ALTO 25W	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

TL5 HE Eco F28T5/850 HE EA 25W

Lifetime



LDLE\_TL5HEECO\_0001-Life expectancy diagram



LDLE\_TL5HEECO\_0002-Life expectancy diagram

LDLM\_TL5HEECO\_0001-Lumen maintenance diagram

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