



# 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	
Cap-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]
Luminous Flux (Nom)	2775 lm
Luminous Flux (Rated) (Nom)	2500 lm
Color Designation	Daylight [ 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

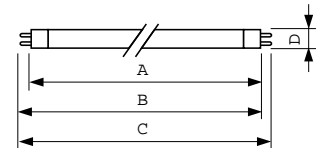
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg

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

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

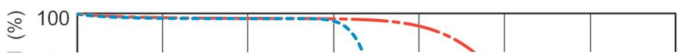
## Dimensional drawing



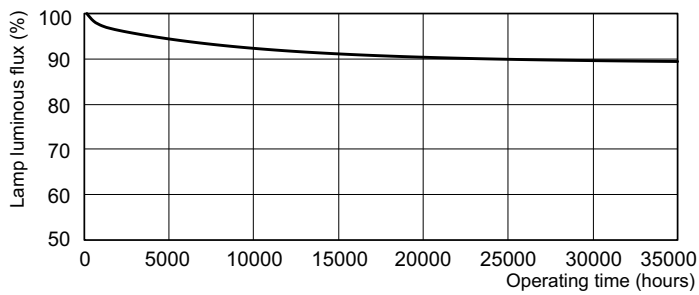
Product	D (max)	A (max)	B (max)	B (min)	C (max)
F28T5 850 HE EA ALTO 25W	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

### TL5 HE Eco F28T5/850 HE EA 25W

## Lifetime



### 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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