

# T5 Retail Sales

## F28T5/TL835 UPC 15/1

Available in a variety of lengths and lumen packages, these T5 lamps are an ideal solution for use in compact fixtures.

### Product data

General Information	
Cap-Base	G5 [ G5]
Life to 50% Failures Preheat (Nom)	24000 h
Features	ALTO® (ALTO)
System Description	HE [ High Efficiency]
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	835 [ CCT of 3500K]
Luminous Flux (Nom)	2900 lm
Luminous Flux (Rated) (Nom)	2675 lm
Color Designation	835
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	96 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)	27.9 W
Lamp Current (Nom)	0.170 A
Temperature	
Design Temperature (Nom)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green [ Green Base]
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	F28T5/TL835 ALTO UPC 15/1

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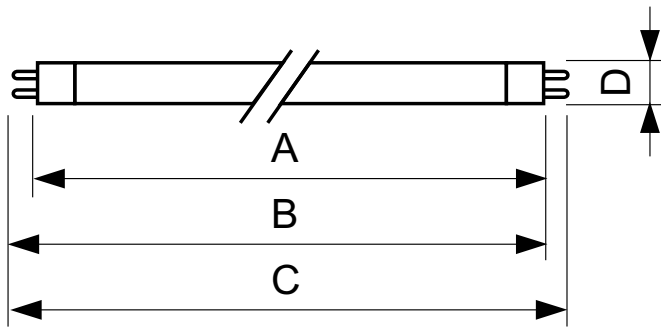
EAN/UPC - Product	046677152376
Order code	206136
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	15

Material Nr. (12NC)	927876083503
Net Weight (Piece)	0.001 kg

### Warnings and Safety

- CAUTION: When changing lamps, turn off power to the fixture to avoid electric shock.
- Fluorescent lamps can shatter if broken.
- Handle with care and store in a safe place.

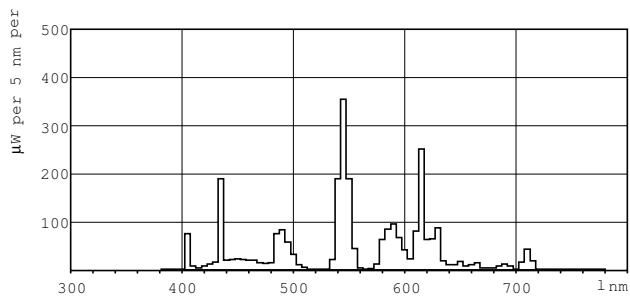
### Dimensional drawing



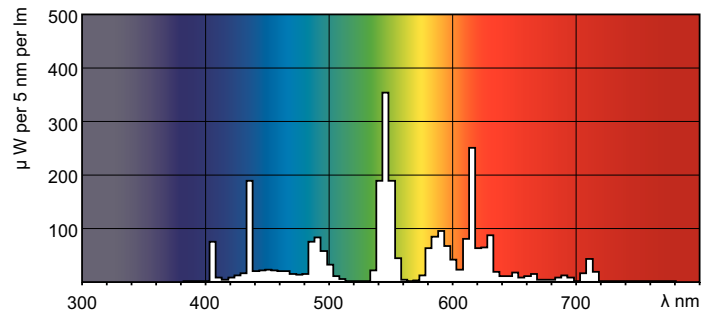
TL5 F28T5 28W/835 ALTO

Product	D (max)	A (max)	B (max)	B (min)	C (max)
F28T5/TL835 ALTO UPC	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
					15/1

### Photometric data



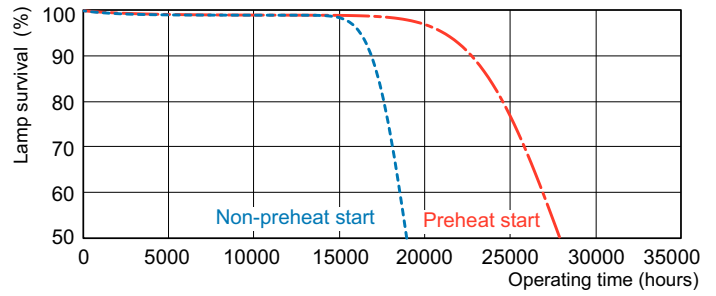
Lightcolor /835



Lightcolor /835

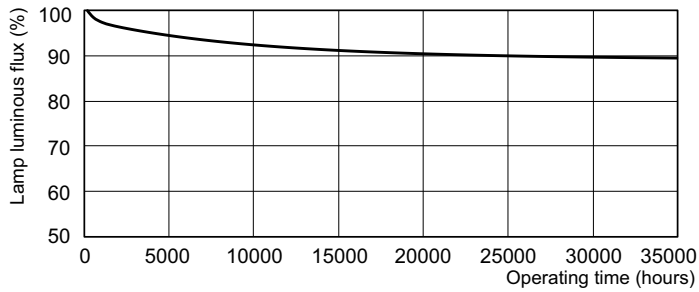
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### Lifetime



MASTER TL5 HE Life Expectancy 3 h cycle

MASTER TL5 HE Life Expectancy 12 h cycle



MASTER TL5 HE Lumen Maintenance 3 h + 12 h cycle

