



# Extra low mercury

## T8 Standard

Philips T8 lamps are energy-efficient lighting solutions.

### Benefits

- Better for the environment - only 1.7mg of mercury per lamp with ALTO II Technology
- Reduce maintenance costs by extending the relamping cycle

### Features

- 95% lumen maintenance and reduced lamp-end blackening
- Available in multiple wattages: 17W, 25W and 32W
- Available in multiple color temperatures: 3000K, 3500K, 4100K, and 5000K

### Application

- Ideal for applications requiring maximum maintained light output.

### Versions

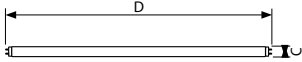


G13, T8

G13, T8

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## Dimensional drawing



Product
F17T8/TL835/ALTO 30PK
F17T8/TL841/ALTO 30PK
F17T8/TL850 ALTO 30PK
F25T8/TL835/ALTO 30PK
F25T8/TL841/ALTO 30PK
F25T8/TL850 ALTO 30PK

Approval and application	
Energy Saving Product	Energy Saving
Mercury (Hg) Content (Nom)	1.7 mg
General information	
Cap-Base	G13
Life 12-Hr Instant Start [Hrs]	30000 h
Life 12-Hr Programstart [Hrs]	36000 h
Life 3-Hr Instant Start [Hrs]	24000 h
Life 3-Hr Program Start [Hrs]	30000 h
Mechanical and housing	
Bulb Shape	T8

## Approval and application

Order Code	Full Product Name	Picogram Per Lumen Hour
281881	F17T8/TL835/ALTO 30PK	54 pg/lm.h
281899	F17T8/TL841/ALTO 30PK	54 pg/lm.h
281907	F25T8/TL835/ALTO 30PK	35 pg/lm.h
281915	F25T8/TL841/ALTO 30PK	35 pg/lm.h
280925	F25T8/TL850 ALTO 30PK	36 pg/lm.h
280909	F17T8/TL850 ALTO 30PK	54 pg/lm.h

## Operating and electrical

Order Code	Full Product Name	Power (Nom)
281881	F17T8/TL835/ALTO 30PK	17 W
281899	F17T8/TL841/ALTO 30PK	17 W
281907	F25T8/TL835/ALTO 30PK	25 W

Order Code	Full Product Name	Power (Nom)
281915	F25T8/TL841/ALTO 30PK	25 W
280925	F25T8/TL850 ALTO 30PK	25 W
280909	F17T8/TL850 ALTO 30PK	17 W

## Light technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
281881	F17T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85
281899	F17T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85
281907	F25T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
281915	F25T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85
280925	F25T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82
280909	F17T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82

## Light technical (2/2)

Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
281881	F17T8/TL835/ALTO 30PK	1310 lm	1375 lm
281899	F17T8/TL841/ALTO 30PK	1310 lm	1375 lm

Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
281907	F25T8/TL835/ALTO 30PK	2045 lm	2150 lm
281915	F25T8/TL841/ALTO 30PK	2045 lm	2150 lm

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Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)	Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
280925	F25T8/TL850 ALTO 30PK	1995 lm	2100 lm	280909	F17T8/TL850 ALTO 30PK	1235 lm	1300 lm

