



2015, March 16
data subject to change

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

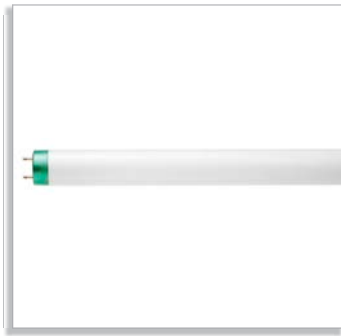
- 95% lumen maintenance and reduced lamp-end blackening
- Available in multiple wattages: 17W, 25W and 32W
- Available in multiple color temperatures: 3000K, 3500K, 4100K, and 5000K

Application

- Ideal for applications requiring maximum maintained light output.

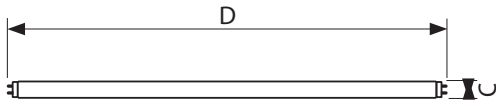
PHILIPS

Related products



G13, T8

Dimensional drawing

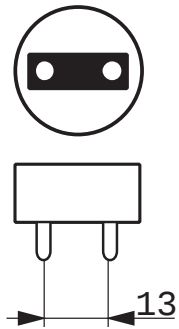


F17T8/TL835 ALTO

General Characteristics

Product number	Full product name	Base	Bulb	Energy Saving	Rated Avg Life [12-Hr Prog St]	Rated Avg Life [12-Hr Inst St]	Rated Avg Life [3-Hr Prog St]	Rated Avg Life [3-Hr Inst St]
281881	F17T8/TL835 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281899	F17T8/TL841 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
280909	F17T8/TL850 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281907	F25T8/TL835 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281915	F25T8/TL841 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
280925	F25T8/TL850 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
226829	F32T8 TL830 SW ALTO 2End	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281519	F32T8/TL830 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281535	F32T8/TL835 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
453738	F32T8/HL735/ALTO 30PK	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281550	F32T8/TL841 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
453753	F32T8/HL741/ALTO 30PK	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
281568	F32T8/TL850 ALTO	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr
453746	F32T8/HL750/ALTO 30PK	Medium Bi-Pin	T8	Energy Saving	36000 hr	30000 hr	30000 hr	24000 hr

Installation diagrams



G13

Light Technical Characteristics

Product number	Full product name	Color Code	Color Rendering Index	Color Designation	Color Temperature	Initial lumen	Design Mean Lumens
281881	F17T8/TL835 ALTO	TL835	85 Ra8	TL835	3500 K	1375 Lm	1310 Lm
281899	F17T8/TL841 ALTO	TL841	85 Ra8	TL841	4100 K	1375 Lm	1310 Lm
280909	F17T8/TL850 ALTO	TL850	82 Ra8	TL850	5000 K	1150 Lm	1235 Lm
281907	F25T8/TL835 ALTO	TL835	85 Ra8	TL835	3500 K	2150 Lm	2045 Lm
281915	F25T8/TL841 ALTO	TL841	85 Ra8	TL841	4100 K	2150 Lm	2045 Lm
280925	F25T8/TL850 ALTO	TL850	82 Ra8	TL850	5000 K	2100 Lm	1995 Lm
226829	F32T8 TL830 SW ALTO 2End	TL830	85 Ra8	TL830	3000 K	2850 Lm	2710 Lm
281519	F32T8/TL830 ALTO	TL830	85 Ra8	TL830	3000 K	2850 Lm	2710 Lm
281535	F32T8/TL835 ALTO	TL835	85 Ra8	TL835	3500 K	2850 Lm	2710 Lm
453738	F32T8/HL735/ALTO 30PK	TL835	85 Ra8	TL835	3500 K	2850 Lm	2710 Lm
281550	F32T8/TL841 ALTO	TL841	85 Ra8	TL841	4100 K	2850 Lm	2710 Lm
453753	F32T8/HL741/ALTO 30PK	TL841	85 Ra8	TL841	4100 K	2850 Lm	2710 Lm
281568	F32T8/TL850 ALTO	TL850	82 Ra8	TL850	5000 K	2850 Lm	2710 Lm
453746	F32T8/HL750/ALTO 30PK	TL850	82 Ra8	TL850	5000 K	2850 Lm	2710 Lm

Electrical Characteristics

Product number	Full product name	Watts
281881	F17T8/TL835 ALTO	17 W
281899	F17T8/TL841 ALTO	17 W
280909	F17T8/TL850 ALTO	17 W
281907	F25T8/TL835 ALTO	25 W
281915	F25T8/TL841 ALTO	25 W
280925	F25T8/TL850 ALTO	25 W
226829	F32T8 TL830 SW ALTO 2End	32 W
281519	F32T8/TL830 ALTO	32 W
281535	F32T8/TL835 ALTO	32 W
453738	F32T8/HL735/ALTO 30PK	32 W

Product number	Full product name	Watts
281550	F32T8/TL841 ALTO	32 W
453753	F32T8/HL741/ALTO 30PK	32 W
281568	F32T8/TL850 ALTO	32 W
453746	F32T8/HL750/ALTO 30PK	32 W

Environmental Characteristics

Product number	Full product name	Mercury (Hg) Content	Picogram per Lumen Hour
281881	F17T8/TL835 ALTO	1.7 mg	54 p/LuHr
281899	F17T8/TL841 ALTO	1.7 mg	54 p/LuHr
280909	F17T8/TL850 ALTO	1.7 mg	54 p/LuHr
281907	F25T8/TL835 ALTO	1.7 mg	35 p/LuHr
281915	F25T8/TL841 ALTO	1.7 mg	35 p/LuHr
280925	F25T8/TL850 ALTO	1.7 mg	36 p/LuHr
226829	F32T8 TL830 SW ALTO 2End	1.7 mg	25 p/LuHr

Product number	Full product name	Mercury (Hg) Content	Picogram per Lumen Hour
281519	F32T8/TL830 ALTO	1.7 mg	25 p/LuHr
281535	F32T8/TL835 ALTO	1.7 mg	25 p/LuHr
453738	F32T8/HL735/ALTO 30PK	1.7 mg	25 p/LuHr
281550	F32T8/TL841 ALTO	1.7 mg	25 p/LuHr
453753	F32T8/HL741/ALTO 30PK	1.7 mg	25 p/LuHr
281568	F32T8/TL850 ALTO	1.7 mg	26 p/LuHr
453746	F32T8/HL750/ALTO 30PK	1.7 mg	26 p/LuHr

