



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

Medium Bi-Pin Fluorescent T-8
(T8) Coated glass



G13, T8

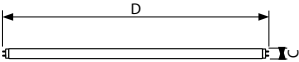


G13, T8



T8 Standard

Dimensional drawing



General information	
Cap-Base	G13
Mechanical and housing	
Bulb Shape	T8

Approval and application

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg)	Mercury (Hg)	
			Content (Max)	Content (Nom)	Picogram Per Lumen Hour
571034	F30T8/CW ALTO 30PK	-	1.9 mg	1.5 mg	-
281881	F17T8/TL835/ALTO 30PK	Energy Saving	-	1.7 mg	54 pg/lm.h
281899	F17T8/TL841/ALTO 30PK	Energy Saving	-	1.7 mg	54 pg/lm.h
281907	F25T8/TL835/ALTO 30PK	Energy Saving	-	1.7 mg	35 pg/lm.h

Operating and electrical

Order Code	Full Product Name	Lamp Current		
		(Nom)	Voltage (Nom)	Power (Nom)
571034	F30T8/CW ALTO 30PK	355 A	99 V	30.5 W
281881	F17T8/TL835/ALTO 30PK	-	-	17 W
281899	F17T8/TL841/ALTO 30PK	-	-	17 W
281907	F25T8/TL835/ALTO 30PK	-	-	25 W

General information

Order Code	Full Product Name	Life 12-Hr Instant	Life 12-Hr Programstart	Life 3-Hr Instant	Life 3-Hr Program
		Start [Hrs]	[Hrs]	Start [Hrs]	Start [Hrs]
571034	F30T8/CW ALTO 30PK	-	-	-	-

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
F30T8/CW ALTO 30PK

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg)	Mercury (Hg)	
			Content (Max)	Content (Nom)	Picogram Per Lumen Hour
281915	F25T8/TL841/ALTO 30PK	Energy Saving	-	1.7 mg	35 pg/lm.h
280925	F25T8/TL850 ALTO 30PK	Energy Saving	-	1.7 mg	36 pg/lm.h
280909	F17T8/TL850 ALTO 30PK	Energy Saving	-	1.7 mg	54 pg/lm.h

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

Order Code	Full Product Name	Life 12-Hr Instant	Life 12-Hr Programstart	Life 3-Hr Instant	Life 3-Hr Program
		Start [Hrs]	[Hrs]	Start [Hrs]	Start [Hrs]
281881	F17T8/TL835/ALTO 30PK	30000 h	36000 h	24000 h	30000 h

T8 Standard

Order Code	Full Product Name	Life 12-Hr Instant	Life 12-Hr Programstart	Life 3-Hr Instant	Life 3-Hr Program
		Start [Hrs]	[Hrs]	Start [Hrs]	Start [Hrs]
281899	F17T8/TL841/ ALTO 30PK	30000 h	36000 h	24000 h	30000 h
281907	F25T8/TL835/ ALTO 30PK	30000 h	36000 h	24000 h	30000 h
281915	F25T8/TL841/ ALTO 30PK	30000 h	36000 h	24000 h	30000 h

Order Code	Full Product Name	Life 12-Hr Instant	Life 12-Hr Programstart	Life 3-Hr Instant	Life 3-Hr Program
		Start [Hrs]	[Hrs]	Start [Hrs]	Start [Hrs]
280925	F25T8/TL850 ALTO 30PK	30000 h	36000 h	24000 h	30000 h
280909	F17T8/TL850 ALTO 30PK	30000 h	36000 h	24000 h	30000 h

Light technical

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color	Color Rendering	Design Mean	Luminous Flux	Luminous Flux
				Temperature (Nom)	Index (Nom)	Lumens	(Nom)	(Rated) (Nom)
571034	F30T8/CW ALTO 30PK	TL841	Cool White (CW)	4100 K	>60	-	-	2200 lm
281881	F17T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85	1310 lm	1375 lm	-
281899	F17T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85	1310 lm	1375 lm	-
281907	F25T8/TL835/ALTO 30PK	TL835	TL835	3500 K	85	2045 lm	2150 lm	-
281915	F25T8/TL841/ALTO 30PK	TL841	TL841	4100 K	85	2045 lm	2150 lm	-
280925	F25T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82	1995 lm	2100 lm	-
280909	F17T8/TL850 ALTO 30PK	TL850	TL850	5000 K	82	1235 lm	1300 lm	-

Mechanical and housing

Order Code	Full Product Name	Bulb Finish
571034	F30T8/CW ALTO 30PK	Coated glass
281881	F17T8/TL835/ALTO 30PK	-
281899	F17T8/TL841/ALTO 30PK	-
281907	F25T8/TL835/ALTO 30PK	-

Order Code	Full Product Name	Bulb Finish
281915	F25T8/TL841/ALTO 30PK	-
280925	F25T8/TL850 ALTO 30PK	-
280909	F17T8/TL850 ALTO 30PK	-

