



# Environmentally Responsible Lamps

## Preheat T8

Philips leads the industry with the lowest level mercury technology. Reducing the mercury level (source reduction) during the manufacturing phase is essential to creating products that are less harmful to the environment.

### Benefits

- Sustainable lighting solution - Reduces the impact on the environment.
- Warranty Period: 12 months.

### Features

- Requires a starter or preheat switch. Several seconds of warm-up time is required before starting.
- Available in 15 watts Daylight, Warm White, Cool White, Plant Light. 30 watts Daylight and Cool White.

### Application

- Ideal for under cabinet replacement lighting.

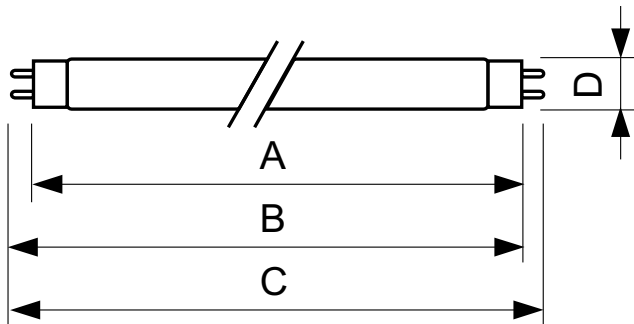
# Preheat T8

## Versions



G13, T8

## Dimensional drawing



### Product

F30T8/CW ALTO 30PK

Product	D (max)	A (max)	B (max)	B (min)	C (max)
F15T8/CW 25PK	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm
F15T8/D 25PK	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm

### General Information

Cap-Base G13

### Mechanical and Housing

Bulb Shape T8

## Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
281477	F30T8/CW ALTO 30PK	1.9 mg	144 pg/lm.h
407197	F15T8/CW 25PK	2.0 mg	-

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Picogram Per Lumen Hour
407205	F15T8/D 25PK	2.0 mg	-

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## Operating and Electrical

Order Code	Full Product Name	Lamp Current		Power (Rated)
		(Nom)	Voltage (Nom)	(Nom)
281477	F30T8/CW ALTO 30PK	-	-	30 W

Order Code	Full Product Name	Lamp Current		Power (Rated)
		(Nom)	Voltage (Nom)	(Nom)
407197	F15T8/CW 25PK	0.335 A	55 V	15.5 W
407205	F15T8/D 25PK	0.335 A	55 V	15.5 W

## General Information

Order Code	Full Product Name	Life To 10%	Life To 50%	Life With 3	
		Failures (Nom)	Failures (Nom)	Life 3-Hr Start [Hrs]	Hour Per Day Use
281477	F30T8/CW ALTO 30PK	-	-	7500 h	3 a

Order Code	Full Product Name	Life To 10%	Life To 50%	Life With 3	
		Failures (Nom)	Failures (Nom)	Life 3-Hr Start [Hrs]	Hour Per Day Use
407197	F15T8/CW 25PK	10000 h	13000 h	-	-
407205	F15T8/D 25PK	10000 h	13000 h	-	-

## Light Technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color	Color Rendering Index (Nom)	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance
				Temperature (Nom)		10000 h (Nom)	2000 h (Nom)	5000 h (Nom)
281477	F30T8/CW ALTO 30PK	33	Cool White (CW)	4100 K	62	-	-	-
407197	F15T8/CW 25PK	33-640	Cool White (CW)	4100 K	63	75 %	90 %	80 %
407205	F15T8/D 25PK	54-765	Cool Daylight	6200 K	75	75 %	90 %	80 %

## Light Technical (2/2)

Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
281477	F30T8/CW ALTO 30PK	1760 lm	2200 lm
407197	F15T8/CW 25PK	-	830 lm

Order Code	Full Product Name	Design Mean Lumens	Luminous Flux (Nom)
407205	F15T8/D 25PK	-	725 lm

## Controls and Dimming

Order Code	Full Product Name	Dimmable
281477	F30T8/CW ALTO 30PK	-
407197	F15T8/CW 25PK	Yes

Order Code	Full Product Name	Dimmable
407205	F15T8/D 25PK	Yes

