



# Environmentally Responsible Lamps

## High Output T12

Philips T12 fluorescent lamps provide high performance in a wide range of sizes, shapes, and types.

### Benefits

- Sustainable Lighting Solution -Less mercury and fewer lamps in landfills, combined with energy efficiency, reduces the impact on the environment.
- 12 month warranty period.
- TCLP compliant\*
- \* Fluorescent lamps that are TCLP compliant reduce the amount of pollutants released into the environment.

### Features

- ALTO Lamp Technology.
- High light output.
- Available in 35,40,50,55,60,75,80,85,and 100 watts,in daylight, cool white, spec35, and ultralume colors.

### Application

- Ideal for use in high bay applications such as warehouses, distribution centers and factories.

# High Output T12

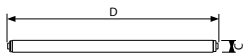
## Versions



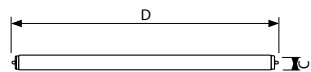
R17d, T12

FA8, T12

## Dimensional drawing



T12 Reversed Double Contact



### Product

- F96T12/D/HO-O ALTO 15PK
- F60T12 CW HO ALTO
- F48T12/D/HO ALTO 15PK
- F48T12/CW/HO ALTO 15PK
- F84T12 CW HO ALTO 1LP
- F72T12/D/HO ALTO 15PK
- F96T12/CW/HO-O ALTO 8/2PK
- TL F96T12/CW/HO-O ALTO 110W FLUOR. LAMP
- TL 85W/HO F72T12/CW/HO ALTO FLUOR. LAMP

### Product

- TL F96T12/DX 75W ALTO

### General Information

Life 3-Hr Start [Hrs] 12000 h

### Mechanical and Housing

Bulb Shape T12

## Approval and Application

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg) Content (Nom)
369785	F48T12/CW/HO ALTO 15PK	Not Applicable	3.5 mg

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg) Content (Nom)
369843	F48T12/D/HO ALTO 15PK	Not Applicable	3.5 mg

## High Output T12

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg) Content (Nom)
234310	F60T12/CW/HO/ALTO 15PK	-	6.8 mg
366518	F72T12/CW/HO ALTO 15PK	Not Applicable	6.8 mg
366534	F72T12/D/HO ALTO 15PK	Not Applicable	6.8 mg
234484	F84T12/CW/HO/ALTO 15PK	-	6.8 mg

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg) Content (Nom)
381764	F96T12/CW/HO-O ALTO 15PK	Not Applicable	6.8 mg
205443	F96T12/CW/HO-O ALTO 8/2PK	Not Applicable	6.8 mg
381774	F96T12/D/HO-O ALTO 15PK	Not Applicable	6.8 mg
372821	F96T12/DX ALTO 15PK	Not Applicable	6.8 mg

### Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
369785	F48T12/CW/HO ALTO 15PK	60 W
369843	F48T12/D/HO ALTO 15PK	60 W
234310	F60T12/CW/HO/ALTO 15PK	75 W
366518	F72T12/CW/HO ALTO 15PK	85 W
366534	F72T12/D/HO ALTO 15PK	85 W

Order Code	Full Product Name	Power (Rated) (Nom)
234484	F84T12/CW/HO/ALTO 15PK	100 W
381764	F96T12/CW/HO-O ALTO 15PK	110 W
205443	F96T12/CW/HO-O ALTO 8/2PK	110 W
381774	F96T12/D/HO-O ALTO 15PK	110 W
372821	F96T12/DX ALTO 15PK	75 W

### General Information

Order Code	Full Product Name	Cap-Base
369785	F48T12/CW/HO ALTO 15PK	R17D
369843	F48T12/D/HO ALTO 15PK	R17D
234310	F60T12/CW/HO/ALTO 15PK	R17D
366518	F72T12/CW/HO ALTO 15PK	R17D
366534	F72T12/D/HO ALTO 15PK	R17D

Order Code	Full Product Name	Cap-Base
234484	F84T12/CW/HO/ALTO 15PK	R17D
381764	F96T12/CW/HO-O ALTO 15PK	R17D
205443	F96T12/CW/HO-O ALTO 8/2PK	R17D
381774	F96T12/D/HO-O ALTO 15PK	R17D
372821	F96T12/DX ALTO 15PK	FA8

### Light Technical

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature	Color Rendering		
				(Nom)	Index (Nom)	Design Mean Lumens	Luminous Flux (Nom)
369785	F48T12/CW/HO ALTO 15PK	33	Cool White (CW)	4100 K	62	3500 lm	4050 lm
369843	F48T12/D/HO ALTO 15PK	54	Daylight	6500 K	79	3000 lm	3400 lm
234310	F60T12/CW/HO/ALTO 15PK	33	Cool White (CW)	4100 K	82	4500 lm	4945 lm
366518	F72T12/CW/HO ALTO 15PK	33	Cool White (CW)	4100 K	62	5500 lm	6350 lm
366534	F72T12/D/HO ALTO 15PK	54	Daylight	6500 K	79	4850 lm	5600 lm
234484	F84T12/CW/HO/ALTO 15PK	33	Cool White (CW)	4100 K	62	6800 lm	7490 lm
381764	F96T12/CW/HO-O ALTO 15PK	33	Cool White (CW)	4100 K	62	7650 lm	8800 lm
205443	F96T12/CW/HO-O ALTO 8/2PK	33	Cool White (CW)	4100 K	62	7650 lm	8800 lm
381774	F96T12/D/HO-O ALTO 15PK	54	Daylight	6500 K	79	6800 lm	7800 lm
372821	F96T12/DX ALTO 15PK	57	Daylight Deluxe	6500 K	90	4200 lm	4775 lm

