



2014, June 27
data subject to change

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*

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.

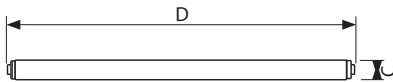
PHILIPS

Related products



R17d, T12

Dimensional drawing



T12 Recessed Double Contact

F48T12 CW HO ALTO

General Characteristics

Order code	Full product name	Base	Bulb	Rated Avg Life [3 Hr Start]	Energy Saving
927890203305	F48T12 CW HO ALTO	R17d	T12	12000 hr	Not Applicable
927890205402	F48T12 D HO ALTO	R17d	T12	12000 hr	Not Applicable
927891303301	F60T12 CW HO ALTO	R17d	T12	12000 hr	-
927891305401	F60T12 D HO ALTO	R17d	T12	12000 hr	Energy Saving
927893203304	F72T12 CW HO ALTO	R17d	T12	12000 hr	Not Applicable
927893205402	F72T12 D HO ALTO	R17d	T12	12000 hr	Not Applicable
927894403301	F84T12 CW HO ALTO 1LP	R17d	T12	12000 hr	-
927894405401	F84T12 D HO ALTO 1LP	R17d	T12	12000 hr	-

Order code	Full product name	Base	Bulb	Rated Avg Life [3 Hr Start]	Energy Saving
927894705701	F96T12 HO ALTODX	R17d	T12	12000 hr	-
927895203323	F96T12 CW ALTO HO-O	R17d	T12	12000 hr	Not Applicable
927895203339	F96T12 CW 96 ALTOHO-O 2OW	R17d	T12	12000 hr	Not Applicable
927895205408	F96T12 D HO-O ALTO	R17d	T12	12000 hr	Not Applicable

Light Technical Characteristics

Order code	Full product name	Color Code	Color Rendering Index	Color Designation	Color Temperature	Lumens (Brightness)	Design Mean Lumens
927890203305	F48T12 CW HO ALTO	33	62 Ra8	Cool White	4100 K	4050 Lm	3500 Lm
927890205402	F48T12 D HO ALTO	54	79 Ra8	Daylight	6500 K	3400 Lm	3000 Lm
927891303301	F60T12 CW HO ALTO	33	82 Ra8	Cool White	4100 K	4945 Lm	4500 Lm
927891305401	F60T12 D HO ALTO	54	82 Ra8	Daylight	6500 K	4225 Lm	3800 Lm
927893203304	F72T12 CW HO ALTO	33	62 Ra8	Cool White	4100 K	6350 Lm	5500 Lm
927893205402	F72T12 D HO ALTO	54	79 Ra8	Daylight	6500 K	5600 Lm	4850 Lm
927894403301	F84T12 CW HO ALTO 1LP	33	62 Ra8	Cool White	4100 K	7490 Lm	6800 Lm
927894405401	F84T12 D HO ALTO 1LP	54	79 Ra8	Daylight	6500 K	6625 Lm	6000 Lm
927894705701	F96T12 HO ALTODX	57	82 Ra8	-	6500 K	6750 Lm	5800 Lm
927895203323	F96T12 CW ALTO HO-O	33	62 Ra8	Cool White	4100 K	8800 Lm	7650 Lm
927895203339	F96T12 CW 96 ALTOHO-O 2OW	33	62 Ra8	Cool White	4100 K	8800 Lm	7650 Lm
927895205408	F96T12 D HO-O ALTO	54	79 Ra8	Daylight	6500 K	7800 Lm	6800 Lm

Electrical Characteristics

Order code	Full product name	Energy Used
927890203305	F48T12 CW HO ALTO	60 W
927890205402	F48T12 D HO ALTO	60 W
927891303301	F60T12 CW HO ALTO	75 W
927891305401	F60T12 D HO ALTO	75 W
927893203304	F72T12 CW HO ALTO	85 W
927893205402	F72T12 D HO ALTO	85 W
927894403301	F84T12 CW HO ALTO 1LP	100 W
927894405401	F84T12 D HO ALTO 1LP	100 W
927894705701	F96T12 HO ALTODX	110 W
927895203323	F96T12 CW ALTO HO-O	110 W
927895203339	F96T12 CW 96 ALTOHO-O 2OW	110 W
927895205408	F96T12 D HO-O ALTO	110 W

Environmental Characteristics

Order code	Full product name	Mercury (Hg) Content
927890203305	F48T12 CW HO ALTO	3.5 mg
927890205402	F48T12 D HO ALTO	3.5 mg
927891303301	F60T12 CW HO ALTO	6.8 mg
927891305401	F60T12 D HO ALTO	6.8 mg
927893203304	F72T12 CW HO ALTO	6.8 mg
927893205402	F72T12 D HO ALTO	6.8 mg
927894403301	F84T12 CW HO ALTO 1LP	6.8 mg
927894405401	F84T12 D HO ALTO 1LP	6.8 mg
927894705701	F96T12 HO ALTODX	6.8 mg
927895203323	F96T12 CW ALTO HO-O	6.8 mg
927895203339	F96T12 CW 96 ALTOHO-O 2OW	6.8 mg
927895205408	F96T12 D HO-O ALTO	6.8 mg



© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, June 27
data subject to change