



# High Output T12

## F48T12/CW/HO ALTO 15PK

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

### Product data

General Information	
Base	R17D [ R17d (RDC)]
Life 3-Hr Start [Hrs]	12000 h
Features	ALTO® (ALTO)
Footnotes Fluorescent/CFL 1	Approximate initial lumens are for 800 ma. operation. For 1000 ma. operation, lumens are approximately 10% higher and watts approximately 15% higher. (207)
Footnotes Fluorescent/CFL 2	Econ-o-watt® lamps are only recommended for use on high power factor lead, indoor ballasts that meet ANSI standards. The lamps are not recommended for use in drafty areas, or locations where the ambient temperature is less than 60°F, except as noted. Also they should not be operated on low power factor ballasts, reduced light or reduced current ballasts, dimming ballasts or emergency system inverter ballasts. (214)

### Light Technical

Color Code	33
Initial lumen (Nom)	4050 lm
Color Designation	Cool White (CW)
Design Mean Lumens	3500 lm
Correlated Color Temperature (Nom)	4100 K

Color Rendering Index (Nom)	62
Operating and Electrical	
Power (Rated) (Nom)	60 W
Mechanical and Housing	
Cap-Base Information	Green Base
Nominal Length (Inch)	48
Approval and Application	
Energy Saving Product	Not Applicable
Mercury (Hg) Content (Nom)	3.5 mg

### Product Data

Order product name	F48T12/CW/HO ALTO 15PK
EAN/UPC - Product	046677369781
Order code	369785
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	15
Material Nr. (12NC)	927890203305
Net Weight (Piece)	0.001 kg

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## Dimensional drawing

### Product

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F48T12 60W/33 HO ALTO

