



TuffGuard Coated T12

F48T12 CW HO ALTO TG

When you select Philips TuffGuard™ Fluorescent lamp with ALTO® lamp technology, you are reducing the impact on the environment, while the coating helps to protect your customers, employees, and reputation. Philips TuffGuard™ fluorescent lamps meet sustainability requirements because they reduce the impact on the environment with low mercury, energy efficiency and long life. The patented green endcaps mean you're using ALTO low-mercury technology. The 16 mils thick coating on TuffGuard™ fluorescent lamps forms a protective seal from end to end and is guaranteed to last the average rated life of the lamp under specific conditions

Product data

• General Characteristics

Base	R17d [Recessed Double Contact Bay (RDC Bay-Fluorescent)]
Base Information	Green Base
Bulb	T12
Rated Avg. Life [3 hr Start]	12000 hr
Energy Saving	Not Applicable

• Light Technical Characteristics

Color Code	33
Color Rendering Index	62 Ra8
Color Designation	Cool White
Color Temperature	4100 K
Initial lumen	4050 Lm
Design Mean Lumens	3500 Lm

• Electrical Characteristics

Watts	60 W
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• Environmental Characteristics

Mercury (Hg) Content	3.5 mg
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• Product Dimensions

Nominal Length [inch]	48
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• Footnotes

Footnotes Fluorescent/CFL	207 [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	214 [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)]

• Product Data

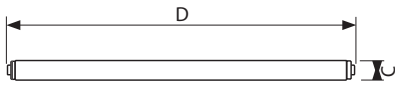
Product number	162966
Full product name	F48T12 CW HO ALTO TG
Short product name	F48T12 CW HO ALTO TG
Pieces per Sku	1
eop_pck_cfg	15
Skus/Case	15
Bar code on pack	46677162962
Bar code on case	50046677162967
Logistics code(s)	927890203309
eop_net_weight_pp	0.001 kg

PHILIPS

Warnings and Safety

- All HO lamps recommended for use only in open fixtures.

Dimensional drawing



T12 Recessed Double Contact
F48T12 CW HO ALTO TG



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data subject to change