



# Continuous light output

## Preheat T12

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

### Features

- Available in 14,15 and 20 watts Cool white. 15 and 20 watt Daylight. 20 watt Ultralume. 20 watt Colortone. 20 watt Warm White and Plant light.

### Application

- Ideal for use in under cabinet lighting and specialty appliance applications.

### Warnings and Safety

- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Versions

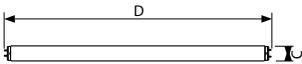


G13, T12

G13, T12

Preheat T12

Dimensional drawing



Product
F15T12/CW 30PK
F20T12/WW ALTO 30PK
F20T12/CW ALTO 30PK
F20T12/D ALTO 30PK

General information	
Cap-Base	G13
Life 3-Hr Start [Hrs]	9000 h
Mechanical and housing	
Bulb Shape	T12

Operating and electrical

Order Code	Full Product Name	Power (Nom)	Order Code	Full Product Name	Power (Nom)
141499	F15T12/CW 30PK	15 W	273326	F20T12/CW ALTO 30PK	20 W
273490	F20T12/WW ALTO 30PK	20 W	273284	F20T12/D ALTO 30PK	20 W

General information

Order Code	Full Product Name	Life With 3 Hour Per Day Use	Order Code	Full Product Name	Life With 3 Hour Per Day Use
141499	F15T12/CW 30PK	4 a	273326	F20T12/CW ALTO 30PK	-
273490	F20T12/WW ALTO 30PK	-	273284	F20T12/D ALTO 30PK	4 a

Light technical

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature	Color Rendering Index	Design Mean Lumens	Luminous Flux (Nom)
				(Nom)	(Nom)		
141499	F15T12/CW 30PK	33	Cool White (CW)	4100 K	62	695 lm	800 lm
273490	F20T12/WW ALTO 30PK	29	Warm White (WW)	3000 K	53	1100 lm	1250 lm
273326	F20T12/CW ALTO 30PK	33	Cool White (CW)	4100 K	62	1050 lm	1200 lm
273284	F20T12/D ALTO 30PK	54-765	Daylight	6500 K	73	960 lm	1075 lm

Approval and application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Order Code	Full Product Name	Mercury (Hg) Content (Nom)
141499	F15T12/CW 30PK	-	273326	F20T12/CW ALTO 30PK	1.9 mg
273490	F20T12/WW ALTO 30PK	1.9 mg	273284	F20T12/D ALTO 30PK	1.7 mg

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