



# Superior color rendering

## High CRI T12

Philips T12 High CRI Lamps are energy-efficient lighting solutions and provide excellent color consistency over the life of the lamp.

### Benefits

- Low mercury and TCLP compliant\*
- Reduced maintenance costs with fewer relamping cycles
- \*The EPA's TCLP test is used to determine if an item can be managed as hazardous or non-hazardous waste. Philips ALTO and ALTO II lamps are TCLP compliant and can be managed as non-hazardous waste.

### Features

- Up to 90 CRI
- Operates on magnetic or electronic ballast
- Direct retrofit for current T12 solution

### Application

- Ideal for applications requiring superior color and continuous maintained light output.

# High CRI T12

## Versions



G13, T12-UR



Medium Bi-Pin Fluorescent T-12 (T12)

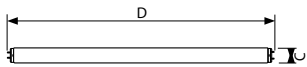


G13, T12



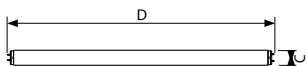
FA8, T12

## Dimensional drawing



Product
FB40/T12/CW Supreme/6 12PK
FB40/T12/NX/6 12PK

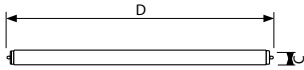
Product
F40T12/CWSupreme/PLUS/ALTO 30PK



Product
F40T12/CWSupreme/ALTO
F40T12/C50Supreme/ALTO 30pk
F40T12/NX/ALTO 30PK

# High CRI T12

## Dimensional drawing



Product
F96T12/C50Supreme/ALTO 15pk
F96T12/CW Supreme/ALTO 15PK

## Approval and application

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg) Content (Nom)
423087	FB40/T12/CW Supreme/6 12PK	Not Applicable	10.0 mg
423095	FB40/T12/NX/6 12PK	Not Applicable	10.0 mg
423129	F40T12/CWSupreme/PLUS/ALTO 30PK	Energy Saving	4.4 mg
423889	F40T12/CWSupreme/ALTO	Energy Saving	4.4 mg

Order Code	Full Product Name	Energy Saving Product	Mercury (Hg) Content (Nom)
423897	F40T12/C50Supreme/ALTO 30pk	Energy Saving	4.4 mg
423186	F40T12/NX/ALTO 30PK	Energy Saving	4.4 mg
423871	F96T12/C50Supreme/ALTO 15pk	Energy Saving	6.8 mg
423194	F96T12/CW Supreme/ALTO 15PK	Energy Saving	6.8 mg

## Operating and electrical

Order Code	Full Product Name	Power (Nom)
423087	FB40/T12/CW Supreme/6 12PK	40 W
423095	FB40/T12/NX/6 12PK	40 W
423129	F40T12/CWSupreme/PLUS/ALTO 30PK	40 W
423889	F40T12/CWSupreme/ALTO	40 W

Order Code	Full Product Name	Power (Nom)
423897	F40T12/C50Supreme/ALTO 30pk	40 W
423186	F40T12/NX/ALTO 30PK	40 W
423871	F96T12/C50Supreme/ALTO 15pk	75 W
423194	F96T12/CW Supreme/ALTO 15PK	75 W

## General information

Order Code	Full Product Name	Cap-Base	Life 12-Hr Start [Hrs]	Life 3-Hr Start [Hrs]	System Description
423087	FB40/T12/CW Supreme/6 12PK	G13	-	18000 h	-
423095	FB40/T12/NX/6 12PK	G13	-	18000 h	-
423129	F40T12/CWSupreme/PLUS/ALTO 30PK	G13	30000 h	24000 h	-
423889	F40T12/CWSupreme/ALTO	G13	24000 h	20000 h	RS

Order Code	Full Product Name	Cap-Base	Life 12-Hr Start [Hrs]	Life 3-Hr Start [Hrs]	System Description
423897	F40T12/C50Supreme/ALTO 30pk	G13	24000 h	20000 h	-
423186	F40T12/NX/ALTO 30PK	G13	24000 h	20000 h	-
423871	F96T12/C50Supreme/ALTO 15pk	FA8	-	12000 h	-
423194	F96T12/CW Supreme/ALTO 15PK	FA8	-	12000 h	-

## Light technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Design Mean Lumens	Luminous Flux (Nom)
423087	FB40/T12/CW Supreme/6 12PK	Cool White Supreme	4100 K	90	1955 lm	2300 lm
423095	FB40/T12/NX/6 12PK	Neutral DX	3500 K	90	1955 lm	2300 lm