



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



G13, T12

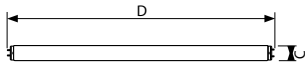


G13, T12



FA8, T12

Dimensional drawing



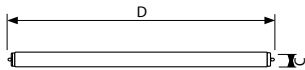
F40T12 Neutral DX ALTO®

Product

F40T12/NX/ALTO 30PK

Product

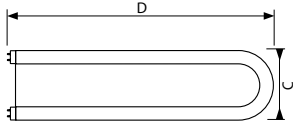
F96T12/CW Supreme/ALTO 15PK



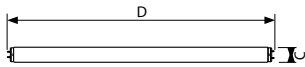
F96T12 CW Supreme ALTO®

High CRI T12

Dimensional drawing



FB40T12/6 Neutral DX



F40T12 CW Supreme ALTO® Plus

Product

FB40/T12/NX/6 12PK

Product

F40T12/CWSupreme/PLUS/ALTO 30PK

Approval and Application

order code	Energy Saving Product	Mercury (Hg) Content (Nom)
423087	Not Applicable	10.0
423095	Not Applicable	10.0
423129	Energy Saving	4.4
423889	Energy Saving	4.4
423897	Energy Saving	4.4

order code	Energy Saving Product	Mercury (Hg) Content (Nom)
423186	Energy Saving	4.4
423871	Energy Saving	6.8
423194	Energy Saving	6.8
423053	Energy Saving	6.8

Operating and Electrical

order code	Power (Rated) (Nom)
423087	40
423095	40
423129	40
423889	40
423897	40

order code	Power (Rated) (Nom)
423186	40
423871	75
423194	75
423053	75

General Information

order code	Bulb Shape	Cap-Base	Life 12-Hr Start [Hrs]	Life 3-Hr Start [Hrs]	System Description
423087	T12-6U	G13	-	18000	-

order code	Bulb Shape	Cap-Base	Life 12-Hr Start [Hrs]	Life 3-Hr Start [Hrs]	System Description
423095	T12-6U	G13	-	18000	-

High CRI T12

order code	Bulb Shape	Cap-Base	Life 12-Hr Start	Life 3-Hr Start	System Description
			[Hrs]	[Hrs]	
423129	T12	G13	30000	24000	-
423889	T12	G13	24000	20000	Rapid Start (RS)
423897	T12	G13	24000	20000	-
423186	T12	G13	24000	20000	-

order code	Bulb Shape	Cap-Base	Life 12-Hr Start	Life 3-Hr Start	System Description
			[Hrs]	[Hrs]	
423871	T12	FA8	-	12000	-
423194	T12	FA8	-	12000	-
423053	T12	FA8	-	12000	-

Light Technical

order code	Color Designation	Correlated Color	Color	Design	Luminous
		Temperature	Rendering	Mean	
		(Nom)	Index (Nom)	Lumens	Flux (Nom)
423087	Cool White Supreme	4100	90	1955	2300
423095	Neutral DX	3500	90	1955	2300
423129	Cool White Supreme	4100	89	2200	2550
423889	Cool White Supreme	4100	89	2250	2600

order code	Color Designation	Correlated Color	Color	Design	Luminous
		Temperature	Rendering	Mean	
		(Nom)	Index (Nom)	Lumens	Flux (Nom)
423897	C50 Supreme	5000	90	2160	2545
423186	Neutral DX	3500	88	2220	2550
423871	C50 Supreme	5000	90	4250	5000
423194	Cool White Supreme	4100	89	4250	5000
423053	Neutral DX	3500	88	4250	5000

