

Headings in this catalog section

The following terms and descriptions can help you when checking Fluorescent lamp specifications and when ordering products. Within each product line, lamps are divided into families, within these

families, lamps are then listed by wattage, then bulb, and then by base. There are exceptions to this ordering among the specialty lamps listed.

Order Code:

It is important to use this five-digit code when ordering to ensure that you receive the exact product you require.

Nominal Length (in):

Lamp length including base and/or pins.

Watts:

Energy used (as defined by FTC Lamp Label Rules). To estimate energy consumption (kWh), multiply watts x hours of use and divide by 1000.

Bulb Shape:

Bulb shape followed by its size (the maximum diameter of the bulb expressed in eighths of an inch).

Base:
The type of base.

Case Quantity:

Number of product units packed in a case.

Description:
The lamp's identification code.

Rated Life - Hours:

Lamp burning hours to median life expectancy.

Mean Lumens:

Lamp light output at 40% of rated lamp life.

Initial Lumens:

Lamp light output after the initial 100 hours of operation.

Color Temperature Kelvins (K):

A measure of the visual "warmth" or "coolness" of the light from the lamp. The higher the value, the whiter or "cooler" the light appears.

Color Rendering Index (CRI or R_a):

An indication of the ability of the lamp to render object colors in a normal, natural way. The higher the number (0-100), the better the color appearance.

High Color Rendering:

Indicates that this is a lamp with high color rendering, which helps objects and persons illuminated to appear more true to life.

Meets Federal Minimum Efficiency Standards:

Means this lamp meets Federal Minimum Efficiency Standards.

Reduced Wattage:

Indicates that this is a reduced wattage option for lamps normally used in this application. Be sure to check wattage, lumens and life to determine which lamp is best suited to your needs.

Warning and Caution Notices:

See page 4-33 for more information.

Footnotes:
Related footnotes, see page 4-32

Additional Information:
Typical application and/or other important information.

Bulb Shape	Base	Watts	Nominal Length (in)	Order Code	Description	Case Qty.	Rated Life (3hr/Start)	Rated Life (12hr/Start)	Initial Lumens	Mean Lumens	Color Temp. K	CRI	High Color Rendering	Energy Savings	Reduced Wattage	Meets Federal Minimum Efficiency Standards	Footnotes	Warning and Caution Notices	Additional Information
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T5 Starcoat Ecolux® Lamps

High Efficiency																			
T5	Miniature Bi-Pin (G5)	14	21.6	31590	F14W/T5/830/ECO	40	30000	36000	1350	1240	3000	85					19	101	

F 14W/T5/830 / ECO

Identifies as Fluorescent lamp.

Identifies either the lamp's wattage or its length in inches.

Identifies the lamp shape and the bulb diameter in eighths of an inch.

Identifies the lamp finish or color.

Identifies TCLP compliance.

WHEN YOU DON'T KNOW THE LAMP DESCRIPTION

1. Identify bulb shape by using table on page 4-3.
2. Measure bulb diameter using ruler in Appendix section page A-1 to determine width in eighths of an inch.
3. Identify base type using table on page 4-4.
4. Find your lamp in the table containing the bulb shape, size and base.



Fluorescent Lamps

Bulb Shape	Base	Watts	Nominal Length (in)	Order Code	Description	Case Qty	Rated Life (hrs)	Initial Lumens	Mean Lumens	Color Temp K	CRI	High Color Rendering	Energy Savings	Reduced Wattage	Meets Federal Minimum Efficiency Standards	Footnotes	Warning and Caution Notices	Additional Information
T12 Lamps (continued)																		
3' T12 Ecolux® – Rapid Start (continued)																		
30W (continued)																		
T12	Medium Bi-Pin (G13)	30	36.0	80085	F30T12/CW/RS/ECO/6PK	24	18000	2200	1910	4100	60						101	
		30	36.0	80086	F30T12/D/RS/ECO	24	18000	1900	1650	6500	75						101	Daylight
		30	36.0	80091	F30T12/WW/RS/ECO	24	18000	2275	1980	3000	52						101	Warm White
4' T12 – Rapid Start																		
34W Watt-Miser® Ecolux® – TCLP Compliant																		
T12	Medium Bi-Pin (G13)	34	48.0	23163	F34SP30RS/WM/ECO	30	20000	2750	2475	3000	70		\$			1	101	
		34	48.0	23165	F34SP35RS/WM/ECO	30	20000	2750	2475	3500	73		\$			1	101	
		34	48.0	21858	F34SP35/RS/WM/ECO/UPC/6P	24	20000	2750	2475	3500	73		\$			1	101	
		34	48.0	23166	F34SP41/RS/WM/ECO	30	20000	2750	2475	4100	72		\$			1	101	
		34	48.0	41563	F34SP65/RS/WM/ECO	30	20000	2650	2430	6500	75		\$			1	101	
		34	48.0	23157	F34SPX30/RS/WM/ECO	30	20000	2900	2610	3000	82		\$			1	101	
		34	48.0	23158	F34SPX35/RS/WM/ECO	30	20000	2900	2610	3500	82		\$			1	101	
		34	48.0	23159	F34SPX41/RS/WM/ECO	30	20000	2900	2610	4100	80		\$			1	101	
		34	48.0	80095	F34SPX50/RS/WM/ECO	30	20000	2700	2430	5000	80		\$			1	101	
		34	48.0	80092	F34/C50/RS/WM/ECO	30	20000	2000	1720	5000	90		\$			1	101	Chroma 50
		34	48.0	23010	F34CW/RS/WM/ECO	30	20000	2650	2280	4100	60		\$			1	101	
		34	48.0	25391	F34CW/RS/WM/ECO/UPC	30	20000	2650	2280	4100	60		\$			1	101	
		34	48.0	23485	F34CW/RS/WM/ECO/C10PK	10	20000	2650	2280	4100	60		\$			1	101	
		34	48.0	80093	F34DX/RS/WM/ECO	30	20000	1950	1620	6500	84		\$			1	101	Daylight Deluxe
		34	48.0	80094	F34LW/RS/WM/ECO	30	20000	2825	2430	4200	49		\$			1	101	Lite White
		34	48.0	45065	F34WW/RS/WM/ECO	30	20000	2700	2320	3000	52		\$			1	101	Warm White
		34	48.0	25398	F34WW/RS/WM/ECO/UPC	30	20000	2700	2320	3000	52		\$			1	101	Warm White
40W Ecolux® – TCLP Compliant																		
T12	Medium Bi-Pin (G13)	40	48.0	80099	F40SP30/ECO	30	20000	3250	2950	3000	70						101	
		40	48.0	80186	F40SP35/ECO	30	20000	3200	2910	3500	73						101	
		40	48.0	80187	F40SP41/ECO	30	20000	3200	2910	4100	72						101	
		40	48.0	23382	F40SP41/ECO/C	10	20000	3200	2910	4100	72						101	
		40	48.0	80188	F40SP65/ECO	30	20000	3050	2775	6500	75						101	
		40	48.0	25400	F40SP65/ECO/UPC	30	20000	3050	2775	6500	75						101	
		40	48.0	80189	F40SPX30/ECO	30	20000	3400	3090	3000	82						101	
		40	48.0	80190	F40SPX35/ECO	30	20000	3400	3090	3500	82						101	
		40	48.0	80191	F40SPX41/ECO	30	20000	3350	3050	4100	80						101	
		40	48.0	80199	F40SPX50/ECO	30	20000	3200	2860	5000	80						101	
		40	48.0	80096	F40C50/ECO	30	20000	2250	1870	5000	90						101	Chroma 50
		40	48.0	25399	F40C50/ECO/UPC	30	20000	2250	1870	5000	90						101	Chroma 50
		40	48.0	13795	F40C75 30PK	30	20000	1950	1680	7500	92						101	Chroma 75, non-TCLP compliant
		40	48.0	13969	F40D/ULTRA/ECO6P	24	20000	3050	2775	6500	75						101	Daylight
		40	48.0	80097	F40DX/ECO	30	20000	2250	1910	6500	84						101	Daylight Deluxe
		40	48.0	40333	F40/KB/ECO/2PK	9	20000	3400	3090	3000	70						104	Kitchen & Bath
		40	48.0	21323	F40KB/ECO 6PK	24	20000	3400	3090	3000	70						104	Kitchen & Bath
		40	48.0	80098	F40N/ECO	30	20000	2100	1740	3700	90						101	Natural
		40	48.0	12224	F40/SUN/ECO/6PK	24	20000	2250	1870	5000	90						101	Sunlight
		40	48.0	14440	F40/RES/ECO/SLV	30	15000	3150	2860	4100	72						101	
		40	48.0	14433	F40/RES/ECO/SLV6	24	15000	3150	2860	4100	72						101	
		40	48.0	14441	F40/RES/ECO/TWN9	9	15000	3150	2860	4100	72						101	
40W Ecolux® XL Extra-life																		
T12	Medium Bi-Pin (G13)	40	48.0	80217	F40XL/SP30/ECO	30	24000	3300	2970	3000	75						101	
		40	48.0	80224	F40XL/SP35/ECO	30	24000	3300	2970	3500	75						101	
		40	48.0	80227	F40XL/SP41/ECO	30	24000	3300	2970	4100	73						101	
		40	48.0	80230	F40XL/SPX30/ECO	30	24000	3400	3060	3000	82						101	
		40	48.0	80248	F40XL/SPX35/ECO	30	24000	3400	3060	3500	82						101	
		40	48.0	80249	F40XL/SPX41/ECO	30	24000	3400	3060	4100	80						101	
		40	48.0	80250	F40XL/SPX50/ECO	30	24000	3350	3050	5000	80						101	