

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)																		
8" T12 Instant Start (continued)																		
8" Instant Start XL Extra-life																		
T12	Single Pin (Fa8)	75	96.0	13725	F96T12/N 15PK	15	12000	4250	3740	3700	90						101	Natural
		75	96.0	13752	F96T12/C50	15	12000	4600	4050	5000	90						101	Chroma 50
		75	96.0	11661	F96T12/XL/SP41	15	15000	6700	6180	4100	73				Ⓔ		101	
		75	96.0	11664	F96T12/XL/SPX41	15	15000	6900	6370	4100	80				Ⓔ		101	
Watt-Miser® Energy Saving Lamps																		
8" Instant Start Watt-Miser®																		
T12	Single Pin (Fa8)	60	96.0	14201	F96T12/SP30/WM/15PK	15	12000	5700	5360	3000	70		\$	↗	Ⓔ	1	101	
		60	96.0	13849	F96T12/SP35/WM/15PK	15	12000	5700	5360	3500	73		\$	↗	Ⓔ	1	101	
		60	96.0	21856	F96T12/SP35/WM/UPC	15	12000	5700	5360	3500	73		\$	↗	Ⓔ	1	101	
		60	96.0	11217	F96T12/SP35/WM/C/10P	10	12000	5700	5360	3500	73		\$	↗	Ⓔ	1	101	
		60	96.0	13758	F96T12/SP41/WM/15PK	15	12000	5700	5360	4100	72		\$	↗	Ⓔ	1	101	
		60	96.0	25171	F96T12/UTCW/EE/C	10	12000	5500	5060	4100	60		\$	↗	Ⓔ	1	101	
		60	96.0	12128	F96T12/SP65/WM	15	12000	5100	4800	6500	75		\$	↗	Ⓔ	1	101	
		60	96.0	14629	F96T12/SPX30/WM/15P	15	12000	6000	5640	3000	82		\$	↗	Ⓔ	1	101	
		60	96.0	14630	F96T12/SPX35/WM/15P	15	12000	6000	5640	3500	82		\$	↗	Ⓔ	1	101	
		60	96.0	13756	F96T12/C50/WM/15PK	15	12000	4000	3520	5000	90		\$	↗		1	101	Chroma 50
		60	96.0	13729	F96T12/CW/WM/15PK	15	12000	5500	5060	4100	60		\$	↗	Ⓔ	1	101	
		60	96.0	21713	F96T12/CW/WM/UPC/10PK	10	12000	5500	5060	4100	60		\$	↗	Ⓔ	1	101	
60	96.0	13742	F96T12/LW/WM/15PK	15	12000	5800	5340	4200	49		\$	↗	Ⓔ	1	101	Lite White		
60	96.0	13736	F96T12/WW/WM/15PK	15	12000	5700	5240	3000	52		\$	↗	Ⓔ	1	101	Warm White		
8" Instant Start Watt-Miser® XL Extra-life																		
T12	Single Pin (Fa8)	60	96.0	12406	F96T12/XL/SP35/WM	15	15000	5900	5480	3500	75		\$	↗	Ⓔ	1	101	
		60	96.0	12408	F96T12/XL/SP41/WM	15	15000	5900	5480	4100	73		\$	↗	Ⓔ	1	101	
8" Instant Start Watt-Miser® Ecolux®																		
T12	Single Pin (Fa8)	60	96.0	27233	F96T12/SP35/WM/ECO	15	12000	5700	5360	3500	73		\$	↗	Ⓔ	1	101	
		60	96.0	27235	F96T12/SP41/WM/ECO	15	12000	5700	5360	4100	72		\$	↗	Ⓔ	1	101	
		60	96.0	40373	F96T12/SP65/WM/ECO	15	12000	5100	4800	6500	75		\$	↗	Ⓔ	1	101	
		60	96.0	27238	F96T12/SPX35/WM/ECO	15	12000	6000	5640	3500	82		\$	↗	Ⓔ	1	101	
		60	96.0	27186	F96T12/CW/WM/ECO	15	12000	5500	5060	4100	60		\$	↗	Ⓔ	1	101	
T12 Other Lengths																		
5' T12 Instant Start																		
T12	Single Pin (Fa8)	50	60.0	23073	F60T12/CW 15PK	15	12000	3600	3310	4100	60						101	
		50	60.0	23076	F60T12/D 15PK	15	12000	3000	2760	6500	75						101	Daylight
64" T12 Instant Start																		
T12	Single Pin (Fa8)	50	64.0	23082	F64T12/CW15PK	15	10000	3850	3540	4100	60						101	
		50	64.0	23085	F64T12/D 15PK	15	10000	3300	3040	6500	75						101	Daylight
6' T12 Instant Start																		
T12	Single Pin (Fa8)	55	72.0	15286	F72T12/SP35 15PK	15	12000	4700	4420	3500	73						101	
		55	72.0	15097	F72T12/SP41	15	12000	4700	4420	4100	72						101	
		55	72.0	15117	F72T12/SPX30/15PK	15	12000	4800	4510	3000	82						101	
		55	72.0	15098	F72T12/SPX35/15PK	15	12000	4800	4510	3500	82						101	
		55	72.0	13743	F72T12/CW/15PK	15	12000	4500	4140	4100	60					101		
		55	72.0	12525	F72T12/CW/UPC/10PK	10	12000	4500	4140	4100	60					101		
		55	72.0	13748	F72T12/D/15PK	15	12000	3800	3500	6500	75						101	Daylight
7' T12 Instant Start																		
T12	Single Pin (Fa8)	65	84.0	13764	F84T12/CW 15PK	15	12000	5300	4880	4100	60						101	
T12 High Output (800mA) Rapid Start Recessed Double Contact																		
18" High Output																		
T12	Recessed Double Contact (R17d)	30	18.0	10204	F18T12/CW/HO	24	9000	1000	750	4100	60						101	
2' High Output																		
T12	Recessed Double Contact (R17d)	35	24.0	10261	F24T12/CW/HO	24	9000	1620	1345	4100	60						101	
		35	24.0	10275	F24T12/D/HO	24	9000	1400	1160	6500	74						101	Daylight