

Fluorescent Lamps



1. Scope

This standard covers the requirements for medium bi-pin, aluminum-base, fluorescent lamps.

This standard applies to the following Seattle City Light (SCL) stock numbers:

Stock No.	Size	Watts	Color	Length (in)
730332	T12	34	Spec 41	48
730349	T12	34	Cool white	48
730344	T12	75	Spec 41	96
013554	T8	32	Cool white	48

2. Application

Fluorescent lamps are for installation in medium bi-pin fixtures. Lamps have no restriction on operating position.

3. Compliance

Lamps shall be compliant with the EPA Toxicity Characteristic Leaching Procedure (TCLP) test specified in the Resource Conservation and Recovery Act (RCRA) of 1990, except for 215-watt size.

Standards Coordinator
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4. General Requirements

Lamp shape shall be T12 or T8, as specified in this standard.

Lamp base shall be aluminum.

Lamp average rated life shall be defined as the total operational hours at which 50% of any group of lamps is still operating. The average life of a lamp shall be based on vertical operation (unless otherwise noted) of representative lamps operated under controlled conditions of up to 15 hours per start.

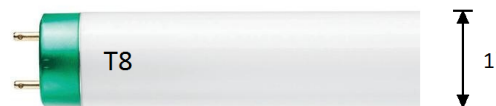
5. Detailed Requirements

5.1 Fluorescent Tubes – T12



Stock No.	Watts	Starting	Color	Length (in)	Package Quantity	Average Rated Life (hrs)
730332	34	Rapid start	Specification 41	48	30	20,000
730349	34	Rapid start	Cool white	48	30	20,000
730344	75	Instant start	Specification 41	96	15	12,000

5.2 Fluorescent Tubes – T8



Stock No.	Watts	Starting	Color	Length (in)	Package Quantity	Average Rated Life (hrs)
013554	32	Rapid start	Cool white	48	30	30,000

6. Packaging

Lamps shall be packaged to prevent damage during shipping, storage, and casual handling prior to installation. Quantity of lamps per shipping carton shall as specified in Section 5.

7. Issuance

Stock Unit: EA

8. Approved Manufacturers

8.1 Fluorescent Tubes – T12

Stock No.	730332
GE	
Order Code:	23166
Description:	F34/SP41/RS/WM/ECO
Osram Sylvania	
Product No.:	24542
Ordering Abbreviation:	F34/D41/SS/ECO
Philips	
Product No.:	046677-42388-9
Ordering Code:	F40T12/CWSUPREME/ALTO
Product No.:	046677-424400-2
Ordering Code:	F40T12/CWSUPREME/ALTO TG

Stock No.	730349
GE	
Order Code:	23010
Description:	F34/CW/RS/WM/ECO
Osram Sylvania	
Product No.:	24596
Ordering Abbreviation:	F34CW/SS/ECO
Philips	
Product No.:	046677-24470-7
Ordering Code:	F34/CW/RS/EW/ALTO

Stock No.	730344
GE	
Order Code:	–
Description:	–
Osram Sylvania	
Product No.:	29798
Ordering Abbreviation:	F96T12/D41/ECO
Philips	
Product No.:	046677-36650-0
Ordering Code:	F96T12841-ALTO

8.2 Fluorescent Tubes – T8

Stock No.	013554
GE	
Order Code:	25613
Description:	F32T8/SPX41/ECO
Osram Sylvania	
Product No.:	21781
Ordering Abbreviation:	FO32/841/ECL
Philips	
Product No.:	046677-24671-0
Ordering Code:	F32T8/TL841/ALTO

9. References

SCL Material Standard 7303.0; “Fluorescent Lamps” (canceled)

10. Sources

Chao, Yaochiem; SCL Standards Engineer, originator and subject matter expert for 7303.01; (yaochiem.chao@seattle.gov)