

Lighting Fixtures, Non-Metallic, Vaporproof



1. Scope

This standard covers the requirements for vaporproof, non-metallic lighting fixtures.

This standard applies to Seattle City Light (SCL) Stock No. 014552.

2. Application

Non-metallic lighting fixtures are used for below-grade electrical vaults where they are subjected to moisture and water infiltration and need to remain functional for long stretches of time without periodic maintenance.

3. Industry Standard

Fixtures shall meet the applicable requirements of the latest revision of the following industry standard:

NEMA 25; Enclosures for Electrical Equipment (1000 Volts Maximum)

4. Requirements

Fixture components shall include the following:

- Non-metallic, impact-resistant construction
- (4) 3/4-in threaded hubs
- Mounting feet
- Integral backbox for connecting conduits and routing conductors
- Gasketing to ensure fixture is watertight

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Fixture shall be UL and CSA certified for use in wet locations.

Fixture shall be rated NEMA 4X.

5. Approved Manufacturer

Manufacturer:	Canlet
Description:	Lighting fixture
Catalog No.:	6802-150-ICF-00-39
<i>where:</i>	
6802 =	stone gray fixture
150 =	150 W maximum
I =	incandescent or LED
C =	ceiling mount
F =	fixture with electrical box
00 =	no guard
39 =	prismatic polycarbonate clear globe

6. Sources

Hanson, Brett; SCL Standards Engineering Supervisor and originator of 5719.60