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## Lighting Fixtures, Non-Metallic, Vaporproof



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### 1. Scope

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

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

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### 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.

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### 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)

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### 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

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

Fixture shall be rated NEMA 4X.

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## 5. Approved Manufacturer

<b>Manufacturer:</b>	Canlet
<b>Description:</b>	Lighting fixture
<b>Catalog No.:</b>	6802-I-C-F-01-00-39

*where:*

6802 =	stone gray fixture
I =	incandescent or LED
C =	ceiling mount
F =	fixture with electrical box
01 =	up to 150 Watt 120V lamp
00 =	no guard
39 =	prismatic polycarbonate clear globe

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## 6. Sources

**Hanson, Brett**; SCL Standards Engineer, subject matter expert, and originator of 5719.60 (brett.hanson@seattle.gov)