



Subject: Replacement of Type III Sag Glass Luminaire Fixtures with Type III Flat Glass Luminaire Fixtures.	
Date: January 15, 2009	Author: Steve Drew
Bulletin Number: TE-2009-01 Bulletin Type: New Policy	Effective Date: Immediately
Audience	Standards Affected
All Personnel Maintaining Ministry Electrical Infrastructure	Electrical Signing and Materials Standards

Background:

The Ministry has a substantial existing inventory of IES sag glass Type III roadway luminaire fixtures. The Ministry has since standardized on IES medium distribution, flat glass, Type III fixtures. A report was commissioned (LCP Signal Management 'Analysis of Sag Vs. Flat Glass Fixture Lighting Levels On Existing Roadways and Intersections' completed May 8, 2008) to examine the feasibility of replacing a sag glass Type III fixture with a flat glass Type III fixture.

Upon review of the report the Ministry has determined that the small differences between fixture types do not significantly impact lighting effectiveness. Both fixtures are in fact specified by the IES as Type III.

Policy:

Type III sag glass luminaire fixtures may be replaced with Type III flat glass fixtures.

Procedure:

As and when required, replace Type III sag glass fixtures with Type III flat glass.

CONTACT:

Steve Drew, Senior Electrical Standards Technologist
Traffic, Electrical, Highway Safety and Geometric Design Section
Engineering Branch
Phone: (250) 387-7688
Email: steve.drew@gov.bc.ca