

PART 1 - GENERAL

- 1.1 RELATED WORK .1 Electrical general requirements: Section 26 05 00
- 1.2 SHOP DRAWINGS AND PRODUCT DATA .1 Submit shop drawings and product data in accordance with Division 01 specifications.
- .2 Submit shop drawings for the following:
- .1 luminaire.
 - .2 lamp for each luminaire type.
 - .3 ballast for each luminaire type.
- .3 Shop Drawings:
- .1 Shop drawings shall clearly indicate the following:
 - .1 Luminaire ID number as identified in contract documents.
 - .2 Fixture specification as identified in Part 2.
 - .3 Driver information.
 - .4 Photometric data for each luminaire type.
- .4 Catalogue cuts lacking sufficient detail to indicate compliance with Contract documents will not be acceptable.
- .5 Submit complete photometric data prepared by independent testing laboratory for luminaires where specified, for review by Engineer. Photometric data to include:
- .1 Total input watts;
 - .2 Candlepower summary, candela distribution, zonal lumen summary;
 - .3 Luminaire efficiency, C.I.E. type, coefficient of utilization;
 - .4 Lamp type;
 - .5 Lumen ratings;and
 - .6 Summary in accordance with IES procedures.

PART 2 - PRODUCTS

- 2.1 LUMINAIRES .1 Refer to light specification on drawing.

PART 3 - EXECUTION

- 3.1 INSTALLATION .1 Connect luminaires to lighting circuits as indicated.
- .2 Install each luminaire properly and safely.
- .3 Luminaires applied to a surface mounting outlet box, a finishing ring shall be utilized.
- 3.2 LUMINAIRE SUPPORTS .1 Support all luminaires independently of ductwork, piping or cable tray.
- .2 Chains to be corrosive design (stainless steel), rated for unit load and securely anchored to wooden frame ceiling or clamped/bolted to building supports.
- 3.3 LUMINAIRE ALIGNMENT .1 Align luminaires mounted in continuous rows to form straight uninterrupted line.
- .2 Align luminaires mounted individually parallel or perpendicular to building grid lines, or as indicated.
- 3.4 LUMINAIRE CLEANING .1 Clean all luminaires one (1) week prior to Substantial Performance application.
- .2 Replace blemished, damaged, or unsatisfactory luminaires as directed.
- 3.5 MAINTENANCE .1 Provide, for each type of luminaire, recommended maintenance information including:
- .1 Tools required.
- .2 Types of cleaners to be used.
- .3 Replacement parts identification lists.
- .4 Final, as-built shop drawings.

3.5 MAINTENANCE
(Cont'd)

.2 Provide material in accordance with Division 01
specifications.