

1. **General Information**

1.1 **Documents/samples to be submitted for approval/information**

.1 Data sheets

- .1 Submit the technical files required, in addition to the specifications and manufacturer's documentation. The data sheets must indicate the product's characteristics, performance criteria, dimensions, limits and finishing.
- .2 Submit the complete photometric data of the proposed light fixtures, prepared by an independent testing laboratory and examined by the ministerial representative.
- .3 This photometric data must include the following, if applicable: a table illustrating the CVP rate for device spacing.

2. **Products**

2.1 **Lamps**

- .1 Refer to the light fixtures chart in the plan.

2.2 **Finishing**

- .1 The finishing and construction of the lighting fixtures must be ULC approved and CSA certified for the type of installation to be used.

2.3 **Light distribution devices**

- .1 According to the indications of the lighting fixture nomenclature.

2.4 **Light fixtures**

- .1 Refer to the light fixtures chart in the plan.

2.5 **Ballasts**

- .1 Efficient electronic ballast from the same manufacturer.
- .2 Refer to the light fixtures chart in the plan.

3. **Execution**

3.1 **Installation**

- .1 Install the light fixtures in the designated areas as indicated.
- .2 The light fixtures must be adequately supported for the type of ceiling system in which they are displayed.

3.2 **Wiring**

- .1 Connect the light fixtures to the lighting circuits.
 - .1 Install the wiring in rigid or flexible conduits (AC90) as indicated.
 - .2 No flexible connexion when the ceiling structures are visible.

3.3 **Light fixture supports**

- .1 The light fixtures mounted in suspended ceilings must be supported independently of the ceiling, in accordance with the requirements of the local inspection organization.
- .2 Ensure there is seismic protection.
- .3 When the light fixtures are to be suspended and the suspension device does not come directly from the light fixture manufacturer, use the rods as a means for suspension and coordinate with the ministerial representative.

3.4 **Light fixture alignment**

- .1 The light fixtures assembled in light bands must be correctly aligned, to form a continuous straight band.
- .2 Individually mounted light fixtures must be parallel or perpendicular to the building layout lines.

END OF SECTION