

SECTION 26 51 00 - INTERIOR LIGHTING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes interior luminaires, lamps, ballasts, and accessories.

1.2 DEFINITIONS

- A. LED: Light Emitting Diode.
- B. Luminaire: Complete lighting fixture, including driver or ballast if included.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate dimensions and components for each luminaire not standard product of manufacturer.
- B. Product Data: Submit product catalog data showing specified features.
- C. Samples: Submit two color chips 3 x 3 inch in size illustrating luminaire finish color where indicated in luminaire schedule.

PART 2 - PRODUCTS

2.1 INTERIOR LUMINAIRES

A. Product Description: Complete interior luminaire assemblies, with features, options, and accessories as scheduled.

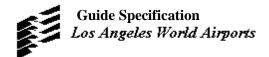
2.2 LED LIGHTING FIXTURES AND COMPONENTS

- A. Product Testing: Comply with U.L. 1598 and 8750. Test according to IES LM-79 and LM-80.
- B. Drivers: Operation to be at standard rated voltage of driver, and not "over-driven."

2.3 FLUORESCENT BALLASTS

- A. Manufacturers:
 - 1. Philips.
 - 2. Osram.
 - 3. General Electric.

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B. Product Description: Electronic ballasts shall be instant start and designed for the type and quantity of lamps served. Ballast shall be designed for full light output unless dimmer or bilevel control is indicated. Comply with ANSI C82.11.

2.4 FLUORESCENT DIMMING BALLASTS AND CONTROLS

- A. Manufacturers:
 - 1. Philips.
 - 2. General Electric.
 - 3. Lutron.
- B. Product Description: Electrical assembly of control unit and ballast to furnish smooth dimming of fluorescent lamps.
- C. Control Unit: Selected for energy efficiency and daylight harvesting capability.
- D. Ballast: Selected by dimming system manufacturer as suitable for operation with control unit and suitable for lamp type and quantity specified for luminaire.

2.5 LED LAMPS

- A. Manufacturers:
 - 1. Philips.
 - 2. Osram.
 - 3. General Electric.

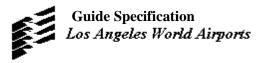
2.6 FLUORESCENT LAMPS

- A. Manufacturers:
 - 1. Philips.
 - 2. Osram.
 - 3. General Electric.

PART 3 - EXECUTION

3.1 EXISTING WORK

- A. Disconnect and remove abandoned luminaires, lamps, and accessories.
- B. Extend existing interior luminaire installations using materials and methods as specified.



3.2 INSTALLATION

A. Provide labor and materials to install and structurally support fixtures in accordance with all applicable codes and safety practices.

END OF SECTION 26 51 00