



## **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.**



- 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 bi-level 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