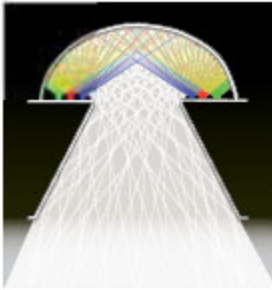




LED Lighting Option

Leucos lighting has entered the mainstream of architectural lighting with the introduction of LEDs. Working with Renaissance Lighting to incorporate IntelliBlend™ technology with our handcrafted Italian glass, we can offer new and exciting opportunities to design with light. LED luminaires are available in either RGB color, which produce every color of the spectrum, including every color of white, or a white-light only version. All LED fixtures include a dynamic monitoring system that ensures consistent light output and color over the life of the sources, and from fixture to fixture. The resulting quality and consistency of light is exceptional.



IntelliBlend™ Optical System

LEDs within the IntelliBlend™ System are mounted around the perimeter of a highly reflective integrating chamber, which uniformly blends the light. The resulting illumination produced is free of pixilation and glare. Since the LED sources are completely concealed, the decorative glass becomes saturated with color or evenly filled with white light. The IntelliBlend™ system operates the LED sources well below their designed maximum temperature range, insuring an exceptionally long service life of 50,000 hours at 70% of initial brightness.

LED System Specifications

Optics/Reflector: Highly reflective white painted steel for a very uniform medium distribution.

LEDs: One-watt RGB or White LEDs are arranged in a circular array inside the dome. Lumen output is directed to the upper white diffuse dome where the light is mixed and blended in the patented IntelliBlend™ system before it is transmitted out through the aperture cone. An integrated sensor monitors color quality and intensity, automatically correcting color and light output.

Power Supply/LED Driver Board: LED driver card is integrated into an aluminum housing mounted on top of the fixture. Power supply is remotely mounted on the junction box and attached to the light engine through aluminum conduit. Power supply includes leads with quick connector for easy connection to junction box power connector.

Housing/Reflector/Trim: Housing design incorporates air-cooled heat sinks to remove heat from LEDs. One-piece metallized composite reflector with self trim mounts securely to housing with torsion springs to pull 8" O.A. dia. trim ring tight to the ceiling.

Ceiling Frame w/Junction Box: Galvanized 22 gauge steel frame with mounting bar hangers for use with wood and steel frame joists and T-bar ceilings spaced up to 24" O.C. Junction box is integrated as part of the frame and is pre-wired and listed for maximum of 6#14 AWG 90° C additional feed through conductors.

Power Supply

Input: 100/240V, optional 277V AC

Output: 24V DC

Oper. Temp: -13°F to 140°F (-25°C to 60°C)

Housing: NEMA-style indoor rated enclosure

Classification/Listing: Class 2 power supply; UL listed

Data Communicator

Connectors: One IN and one OUT female connector provided for RJ45 plugs.

Interface Controller: DMX™ compatible when used with available DMX™ converter. Also controllable using Bluetooth, Zigbee™, Crestron™ and other controls. Consult Factory.

