



The CUBE-LED is a high-quality yet economical troffer luminaire powered by LED lighting technology, which offers the highest return on initial investment over the lifetime of the fixture. An excellent, highly efficient fixture, ideal for office spaces, schools, hospitals, and many other indoor applications. Compatible with most industry standard T-bar grids.

PRODUCT FEATURES:

- Mitered door frame prevents light leaks, and minimizes dust from entering fixture
- Constructed of one-piece ribbed uninitized housing and corners that interlock, preventing damage to luminaire
- Door frame is designed with cam latches and T hinges to secure frame to housing and allows for easy lamp maintenance
- Housing and door frame interface provides a superior mechanical light seal
- Post-painted with a 93% reflective white coat to improve fixture efficacy.
- All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation
- Life tested to ensure light output of L70 up to 83,000 hrs and L80 up to 50,000 hrs

- Tested to LM-79 and LM-80 standards
- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Dimmable down to 1% with compatible dimming systems
- LED light engine is completely removable and upgradable
- Four corner tie points are standard for safety wire support when required and built-in earthquake clips standard
- Fits into standard T-bar sizes including 5/8th, 3/8th, and slot T
- Same-day shipping on most options (Consult factory)

OPTICS - The CUBE-LED uses a prismatic acrylic lens to scatter the light emitted from the LED chips into functional light. The LED offered in the CUBE-LED has the highest return on initial investment compared to other standard lighting solutions. Lens is attached to a door frame which is easily pivoted and removable without the use of tools.

DURABILITY - Our heavy-duty 20-gauge steel housing is engineered for maximum strength and extended life. Corners interlock to prevent aesthetic damage to the fixture. Sides and corners are uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation.

PERFORMANCE - The CUBE-LED powered lighting technologies offer a higher return on investment than any other lighting technology. The light engines found in the CUBE-LED are rated at 85+ CRI. All LEDs and LED fixtures are rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a 3-step MacAdam ellipses to achieve consistent color from fixture to fixture.

THERMAL MANAGEMENT - LED light engines are attached directly to the housing which keeps the engines cool. Our advanced thermal management system allows the light output of the LED engines to be maintained at 70% of initial lumens at 83,000 hours of operation.

MAINTENANCE - LED engines and driver can be accessed through the bottom by removing the hinged door frame and driver box cover. LED engines are removable and upgradable even after fixture installation. Fixture can be regularly and safely wiped down to ensure optimal fixture performance.

ELECTRICAL - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120V/277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

RGB+WHITE WITH SMART HUE TECHNOLOGY CAN BE SUPPLIED WITH A VARIETY OF DIMMING AND CONTROL PROTOCOLS DMX, OR RGB+WHITE CONTROLLER:

DIMMING AND TUNING CONTROL SYSTEMS PROVIDED BY ELITE LIGHTING.

DIMMING AND TUNING CONTROL SYSTEMS PROVIDED BY ELITE LIGHTING. ELITE-CONNECT RGB+WHITE Hard Wired DMX 512 Wall-Mount Controller to controls RGB Colors, CCT Tuning and Intensity. Hard Wired Wall-Mount Controller easily control RGB colors, CCT Tuning and Intensity with Touchscreen pad, controlling one zone and 3 different scenes, provided by Elite Lighting.

RGB + TUNABLE WHITE: Smart Hue by Oracle is a Color Tuning across a tuning range of 6000-1650 (RGBW-60K-16K) using Elite components. Light can be dimmed from 100-1% while maintaining constant CCT. Gradients of saturated colors from 1-100% can be added to color points within the tuning range. Smart Hue can change a spaces' atmosphere by manipulating the color temperature of the room. For instance, the temperature is warm at sunrise, cool at noon high, and warm again by sunset. With Smart Hue, you can mimic the daylight patterns in indoor space with electric light or gradients of saturated colors from 1-100% that can be added to color points within the tuning range. This creates a more contrasting environment, which is perceived to be more exciting to the brain and helps people to adjust their moods accordingly.

DMX- (ORDER with DMX OPTION)
DMX WIRED COMMUNICATION VIA COM PORTS WITH UP TO 512 ADDRESSES EXTENDED PORTION TO BE MOUNTED EXTERNAL TO FIXTURE FOR IN-FIELD ADDRESSABILITY

Refer to DMX control system such as Crestron, ETC, or Fresco for complete system installation. Top access required to maintain driver.

QUALITY CONTROL - Every fixture is turned on and rigorously tested by our QC Department before shipping.

WARRANTY - Limited 5 Year Warranty

Ordering Information: Example: 22-CUBE-LED-RGBW-LTX-80K-16K-3000L-DMX-512-MVOLT-85

FIXTURE SIZE	SERIES	TYPE	PLATFORM	LUMENS	DIMMING	VOLTAGE	CRI	EMERGENCY	OTHER OPTIONS
22 - 2' X 2'	CUBE-Oracle Troffer	LED	LUMENETIX PLATFORM RGBW-LTX-80K-16K	3000L - (3000 lumens)	LUMENETIX PLATFORM LUTECO - Lutron EcoSystem DALI - DALI Type 8 Controller DMX-512 - Standard Controller DMX-RDM - Remote Device Management BLUETOOTH - Bluetooth LV Controller	MVOLT 347* <small>* Consult factory for details</small>	85	0-EMG-LED	24FK - Flange Kit for 2' X 4' Fixture FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance AIR - Air Return (Consult Factory)