

CXB Series

LED High-Bay Luminaire



Delivers Highest Lumens Per Dollar Among Competing LED High-Bay Luminaires Available Today.

MOST

Lumens per Dollar

Cree innovates again with the CXB LED High-Bay luminaire, which can replace up to 400W HID high-bay fixtures at the highest lumens per dollar among competing LED luminaires available today. Priced to enable payback at less than 3 years.

TRADITIONAL

Design, Performance

CXB High-Bay looks like a traditional high-bay luminaire and delivers 23,000 lumens with illumination performance to allow one-for-one replacement of 400W metal halide high-bay luminaires and multi-lamp fluorescent high-bay fixtures.

FLEXIBLE

Mounting Options

The CXB Series weighs 50% less than traditional metal halide high-bay luminaires and offers traditional mounting options, allowing simple and quick installation for upgrade and new construction opportunities, for seamless installations.

UNEXPECTED

Value

CXB Series provides long-term financial savings from reduced energy bills and reduces lamp & ballast replacement and maintenance expenses associated with difficult-to-reach elevated, mounted fluorescent and HID high-bay fixtures.

CXB Series LED High-Bay Luminaire

The CXB LED High-Bay luminaire delivers 23,000 lumens in distributions designed for general high-bay lighting. With exceptional lifetimes rated up to 70,000 hours, zero-restrike time and a compact, lightweight construction, the CXB Series is a direct replacement for incumbent HID and MH high-bay light sources that provides additional benefits of energy savings, enhanced safety and significantly reduced relamp maintenance costs.

PERFORMANCE SUMMARY

Delivered Light Output: 23,000 lumens

Input Power: 230 watts

CRI: 70

CCT: 4000K

Input Voltage: 120-277 VAC

Warranty: 10 years

Lifetime: Designed to last up to 70,000 hours

Mounting: J-box, pendant, hook and cord

Weight: Maximum 14 lbs

CONSTRUCTION & MATERIALS

- Die-cast aluminum heatsink
- Low-profile, lightweight design provides ease of installation.
- Mounting choices of direct j-box/pendant and hook & cord.
- JP Mount mounts directly over existing 4" single gang square, rectangular and octagonal junction boxes for direct mount.
- JP Mount has provision to accept 3/4" IP pendant (by others).
- HC Mount is provided with spring lock hook for mounting and factory-installed 6' power cord; plug by others.

OPTICAL SYSTEM

- 16" Anodized Matte Aluminum reflector.
- Anodized Matte Aluminum reflector provides maximum efficiency.
- LED system delivers proper uniformity and spacing.
- Tempered glass protects LEDs against dust and dirt.

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus listed.
- Suitable for damp locations.
- DLC qualified.
- IP54 rated driver.
- IP65 rated LED optics.

PHOTOMETRY

CXB-23L-40K-U / Based on DTC Report Test #: PL02493-001

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%

