



<b>10000</b> LUMENS	<b>12000</b> LUMENS	<b>20000</b> LUMENS	<b>24000</b> LUMENS
<b>106</b> WATT	<b>136</b> WATT	<b>204</b> WATT	<b>247</b> WATT
<b>30000</b> LUMENS	<b>37000</b> LUMENS	<b>48000</b> LUMENS	<b>CALCULATED L70 LIFETIME 50,000 HRS</b>
<b>320</b> WATT	<b>416</b> WATT	<b>525</b> WATT	

The CB-LED is a highly efficient LED luminaire ideal for large interior spaces with high mounting ceilings that require uniform general illumination. Designed as a replacement for conventional linear fluorescent and HID high bays found in manufacturing facilities, gymnasiums, warehouses, and many other locations.

**PRODUCT FEATURES:**

- LED lighting technology offers the highest return on initial investment over the lifetime of the fixture and can pay back total investment in 2 years' time
- Exceptional energy saving requiring 26% less energy than fluorescent and 54% less energy than HID
- Post-painted high-gloss enamel finish ensures maximum adhesion and rust resistance
- 95% reflective premium reflector material is engineered to optimize performance for 93% total fixture efficiency
- LEDs are rated at 80+ CRI and available in multiple CCTs
- Binned to a 3-step MacAdam ellipses to achieve consistent color from fixture to fixture
- Life tested to ensure light output up to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards

- Future Proof - LED light engine is completely removable and upgradable
- Our Cool Beam Technology allows LED drivers to stay cool through ventilation slots on sides, and to maintain 5 year warranty at -40C to +45C\* (113F) ambient temperatures
- Full body construction is formed from 22-gauge steel to ensure rigidity and endurance
- Body includes knockouts on top and sides for easy wiring
- Four corner tie points are standard for chain and aircraft cable mount
- Different shielding options available such as clear acrylic, wire guard, frosted acrylic, ships standard with a clear lens
- The CB-LED can be shipped with all options preinstalled reducing in-field installation costs
- Mounting height up to 60 feet
- Assembled in the USA

**PERFORMANCE** - The CB-LED fixture puts out a staggering amount of lumens and meets high efficacy codes in compliance with a projected more than 102LPW. The light engines found in the CB-LED are rated at 80 CRI minimum 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.

**OPTICS** - The CB-LED ships standard with a clear acrylic lens on a reinforced hinged door to protect the LED light engines from dust and damage. The LED optic reflector is made of a 95% reflective white-painted aluminum material which is engineered to optimize performance for 93% total fixture efficiency. The individually angled channels of the reflector help reduce the glare of high angle light emitted by the LED diodes. Available in different shielding options.

**THERMAL MANAGEMENT** - LED light engines are attached directly to the large aluminum reflector and keep LED engines cool. Our Cool Beam Technology allows LED engines to stay cool by aiding natural convection through ventilation slots on sides. These thermal management systems allow the projected light output of the LED engines to be maintained at 70% of initial lumens at 50,000 hours of operation.

**FABRICATION** - Full-body construction is formed from 20-gauge steel to ensure rigidity and endurance. Four corner tie points are standard for chain or aircraft cable mount. Other mounting options available. The CB-LED is post-painted a high-gloss enamel finish to ensure maximum adhesion and rust resistance. The body also includes knockouts on top and sides for easy wiring. Reflector is attached to body with 4 screws, and hinges down along with LED lights for easy access to LED driver components for maintenance.

**ELECTRICAL** - Our ultra-efficient Class 1 LED driver is rated at 50 to 60Hz at 120-277V input, producing less than 20% THD, featuring a power factor of .90 to 1.00.

**DIMMING** - The CB-LED comes standard with 0-10V dimming on either 120 or 277V. Dimmable down to 1% of initial lumens. Consult factory for dimmer compatibility.

**MAINTENANCE** - LED engines and driver can be accessed through the bottom by removing the lamp shields and LED reflector. Fixture can be regularly and safely wiped down to ensure optimal fixture performance. Angled sides and vents prevent dust from settling inside and near LED components, lowering the required maintenance time compared to competitor high bay options.

**OPTIONS** - Fixtures can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Leviton, Wattstopper, Hubble Automation, and others. Multiple and easy-to-install mounting options such as V-hooks and aircraft cables available.

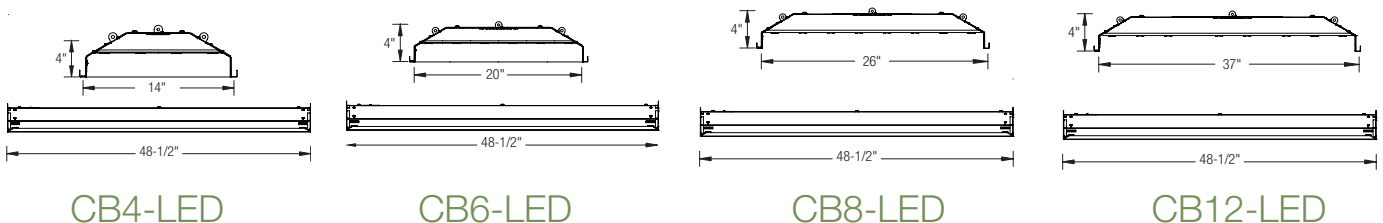
**The CB-LED can be shipped with all options preinstalled reducing in-field installation costs.**

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

**WARRANTY** - Limited 5 Year Warranty\*



**DIMENSIONS:**



### CB4-LED

Ordering Information: Example: CB4-LED-10000L-DIM10-120-30K

SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY
<b>CB4</b> CB4-Oracle LED High Bay Series	<b>LED</b>	10000L - (10000 lumens) 12000L - (12000 lumens)	DIM10 - DIM10-MVOLT	MVOLT 347* 480 * Consult factory for details	N - NARROW W - WIDE	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	80	0-EMG-LED

### CB6-LED

Ordering Information: Example: CB6-LED-20000L-DIM10-120-30K

SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY
<b>CB6</b> CB6-Oracle LED High Bay Series	<b>LED</b>	20000L - (20000 lumens) 24000L - (24000 lumens) 30000L - (30000 lumens)	DIM10 - DIM10-MVOLT	MVOLT 347* 480 * Consult factory for details	N - NARROW W - WIDE	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	80	0-EMG-LED

### CB8-LED

Ordering Information: Example: CB8-LED-37000L-DIM10-120-30K

SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY
<b>CB8</b> CB8-Oracle LED High Bay Series	<b>LED</b>	37000L - (37000 lumens)	DIM10 - DIM10-MVOLT	MVOLT 347* 480 * Consult factory for details	N - NARROW W - WIDE	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	80	0-EMG-LED

### CB12-LED

Ordering Information: Example: CB12-LED-48000L-DIM10-120-30K

SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY
<b>CB12</b> CB12-Oracle LED High Bay Series	<b>LED</b>	48000L - (48000 lumens)	DIM10 - DIM10-MVOLT	MVOLT 347* 480 * Consult factory for details	N - NARROW W - WIDE	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	80	0-EMG-LED

**\*Warranty is contingent on the correct application and installation of fixture. Maximum ambient temperature for the 10000L to 12000L models is 45C; 20000L to 24000L is 40C; 30000L is 35C; 37000 is 25C**

#### WIRING OPTIONS

- PCSB120 - 10' Nema 5-15R 120V Straight Blade Plug
- PCSB277 - 10' Nema 7-15R 277V Straight Blade Plug
- PCTL120 - 10' Nema L5-15R 120V Twist Lock Plug
- PCTL277 - 10' Nema L5-15R 277V Twist Lock Plug
- PCTL480 - 10' Nema L5-15R 480V Twist Lock Plug
- S01 - 10' 120V/277V SO Cord
- S02 - 10' 480V SO Cord

#### \*OTHER OPTIONS

- (blank) - White Reflector
- (WHR - Shipped Standard)
- \*Please specify fixture series in front for this options**  
(Example: CB4-WG, CB6-WGCL, CB8-WGPL, CB12-WHR)
- \_\_\_ - WG - Wireguard
- \_\_\_ - WGDF - Wireguard with Door frame
- \_\_\_ - CLWGDF - Clear Lens with Wireguard & Door frame
- \_\_\_ - CLDF - Clear Lens with Door Frame
- \_\_\_ - SFWDF - Smooth Frosted White Lens with Door Frame
- \_\_\_ - SFWLWDF - Smooth Frosted White Lens Wireguard & Door Frame
- \_\_\_ - GDF - Gasketed Door Frame

#### OTHER OPTIONS

- VHCH - V-Hook with chain kit
- CH - Chain with S hooks
- VH - V Hook
- MS - Motion Sensor
- MSPH - Motion Sensor with Photocell
- MH - Mounting Hub
- GSS - Gripple Suspension System
- GSSP - Gripple System with Paddles
- USA - Made in America Compliance