



High Bay Lights



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High Bay Lighting

In the lighting industry, one may hear the terms “high-bay” (also “hi-bay”) and “low-bay” (also “lo-bay”) lighting. In the construction of some types of industrial facilities, a skeletal framework is used, which forms an interior subspace called a “bay,” which in turn marks the space as “high bay” or “low bay.”

High bays, low bays and floodlights are industry standard terms for the more heavy duty types of light fitting. High bays are designed to be used in very high areas (approximately 8m and greater) to provide well distributed and uniform light for open areas. The key element of the fitting which will help guarantee the correct light output is the reflectors and optics used by the fitting. A particular consideration for use with a high bay is if it can light vertical surfaces as well as it can illuminate the floor, or working plane. Lighting of verticals is particularly important when dealing with warehouses where items are required to be picked from a shelf. Low bays work in much the same way as a high bay, but will be best suited to lower mounting heights. The main differences will be in the lamp types selected and the types of reflectors and optics used.



Applications of High Bay Lights

Usually an industrial lighting system having direct or semi direct luminaires located high above floor or work level. When choosing between a low bay light and a high bay light, the most important factor to consider is the height of the ceiling where the light will be mounted.

High-bay lighting—defined as indoor lighting in spaces with ceilings higher than 25 feet—is used in a variety of applications, including big-box stores, school gymnasiums, sports venues, warehouses, and manufacturing facilities. High-intensity discharge (HID)



and fluorescent lighting still dominate the high-bay market, but light-emitting diodes (LEDs) are making inroads. LEDs can be cost-effective because long operating hours lead to higher energy and maintenance savings, and high-bay environments often provide opportunities to control light levels based on occupancy and daylight harvesting—which LEDs can do very well.

1. Warehouse
2. Manufacturing
3. Sports Facilities
4. Retail
5. Cold Storage
6. Hazardous Area
7. Transportation
8. Agriculture
9. Parking Garage

Advantages of LED High Bay Lights

LED High Bay lighting fixtures are uniquely designed to maximize the optics, heat management, and lifetimes.

1. **High Efficacy:** High bay LED lighting deliver high efficacies or lumens per watt.
2. **Energy Efficient:** Save up to 90% in energy costs versus traditional warehouse lighting solutions, while maintaining excellent light levels.
3. **Controllable:** Unlike traditional sources, control such as dimming and on/off with occupancy sensors has no negative effect on the lifetime of our high bay LED, low bay LED .
4. **Long Lifetimes:** 5-year warranty on the complete fixture
5. **Extremely Low Maintenance**
6. **No revamping and/or mercury disposal costs .**
7. **Instant On:** Instant-on without warm-up times for light when and where it is needed

AVAILABLE MODELS



AQLHB01



AQLHB02



AQLHB03



AQLHB04



AQLHB05



AQLHB06



AQLHB07



AQLHB08



AQLHB09



AQLHB10



AQLHB11



AQLHB12



AQLHB13



AQLHB14



AQLHB15



AQLHB16