



LED Linear High Bay

Application and Specification Sheet | 2017

Ultra High Efficacy
Maximize ROI and Payback Period
Continuous Dimming 0-10V
Very High Light Output
DLC Premium QPL
Reduce Maintenance 75,000 Hours of Life
7-Year Limited Warranty
Various Accessories for Multiple Applications

aleoTM
LED LIGHTING

SLB™ Series

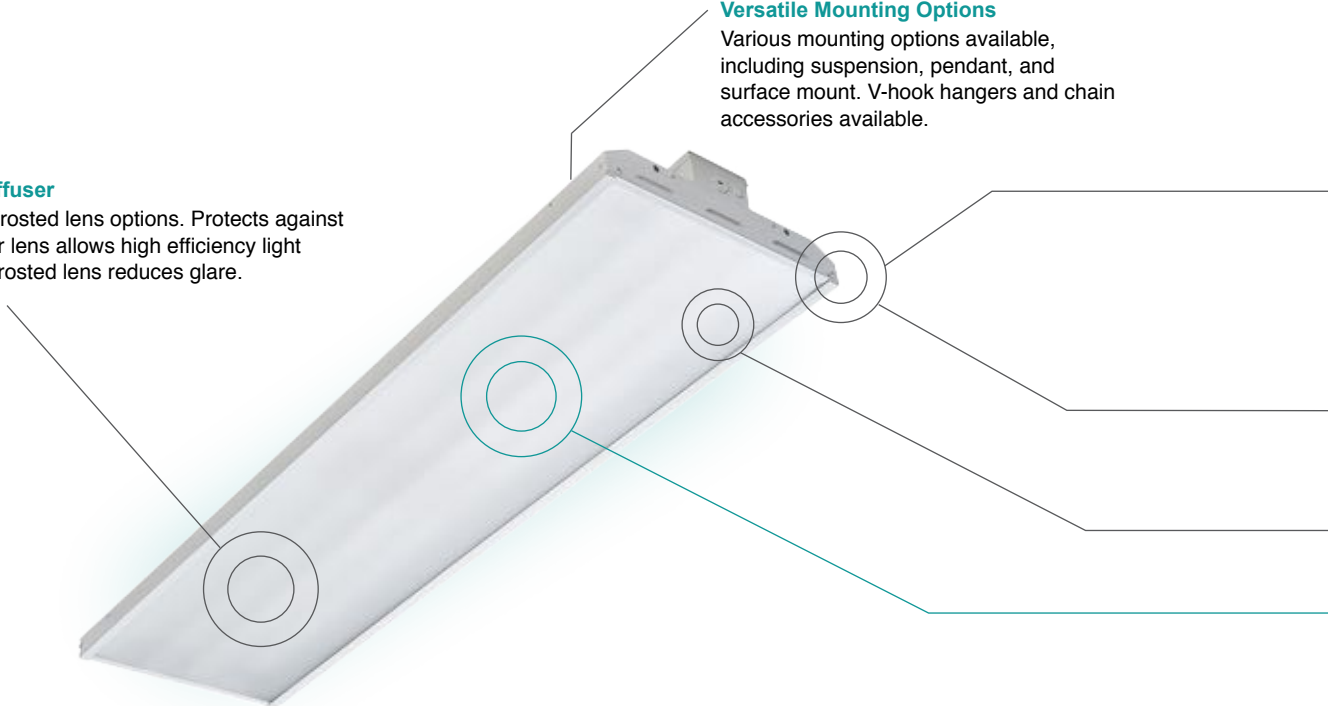
LED Linear High Bay Luminaire

Optical Diffuser

Clear and frosted lens options. Protects against dust. Clear lens allows high efficiency light emission; frosted lens reduces glare.

Versatile Mounting Options

Various mounting options available, including suspension, pendant, and surface mount. V-hook hangers and chain accessories available.



Features

Ultra High Efficacy

Optimized LED system that delivers up to 132 lm/W, enabling superior performance, increased light output and reduced energy consumption.

High Quality Engineering and Manufacturing

Engineered to deliver performance, manufactured to last. Intensive quality control, precision manufacturing process, and experience component qualification ensure quality.

Safety Certification

UL Listed. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2.

Better Quality Light

Reduced glare, high color quality (CRI>83), consistent color, and improved optical performance.

Performance Qualifications

DLC Premium QPL listed.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Benefits

Deep Energy Savings

The high-efficiency luminaire offers the advantages of considerable energy savings to replace traditional fluorescent systems. The combination of performance and value presents incredibly attractive ROI and payback periods.

Reduced Maintenance

Long life LED system reduces maintenance costs. Modular LED engine and driver allows for convenient servicing and replacement, eliminating the need to replace luminaire housing.

Lower Operating Cost

Extreme efficiency, dimmability, sensor-compatibility, and cooler operation reduces energy demand and increases energy savings.

Utility Rebate Opportunities

Potential for faster payback and increased ROI with potential utility rebate qualifications to offset initial costs and decrease capital expenditure. Check with Aleo rep and local utility for details.

Improved Space

Luminaire offers better illumination to spaces, potentially improving occupant comfort, employee productivity, retail appeal, safety and security.

High Output Efficiency

Deep Energy-Savings | Improved Safety and Security



Advanced Lighting Controls

Integrated sensor option enables a smarter lighting system that detects motion and daylight, adapting light levels according to occupancy and ambient light levels. Advanced controls integration allows for increased energy demand reduction and savings.

Specify lighting that adapts to the environment and occupancy.

Finish

High-quality post-painted powder coating allows easy handling and installation. No rough edges. High-reflectivity coating improves optics and reflectivity.

Luminaire Quick Disconnect

Comes equipped with luminaire quick disconnect for safety and code compliance.

Safety

UL Listed for safety. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2.

Industry-leading Warranty

Backed by 7-year limited warranty. Leading design and engineering, state-of-the-art manufacturing, and premium components ensure system longevity.

Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.

LED System

SLB Luminaire utilizes high-performance components to deliver industry-leading efficacy and reliability. Modular LED modules and driver allow for serviceability and maintenance.

Electrical

LED driver with constant current design optimized for efficiency. System engineered and designed to run at cool temperatures, improving life and reliability.

Form Factor Selection

- 2' 110W (95W), 162W (165W)
- 4' 220W (225W), 320W (275W)

Performance Highlights

Efficacy	Up to 132 lm/W
Rated Life	75,000 hours
Warranty	7-year Limited Warranty
CRI	83+, R9 > 0
Available CCT¹	5000K
L70³	> 72,000 hours
Dimming	0-10V Continuous (10-100%)
Qualifications	DLC Premium QPL
Certification	UL Listed



SLB™ Series

LED Linear High Bay Luminaire

The Aleo SLB™ Series Slim Linear High Bay delivers industry-leading performance with an extremely attractive ROI. Superior performance, ultra high-efficacy and premium quality provides an economic solution for high ceiling applications, especially warehouse spaces. Delivering high output, quality light at low energy consumption can improve warehouse safety and productivity, lower maintenance cost, and reducing operating costs.



APPLICATIONS

Provides high output illumination for various commercial industrial applications with high ceilings: warehouse, manufacturing, gymnasiums, retail.



Specification Features

Construction

Rugged and durable construction withstands warehouse environments. Luminaire features matte white durable finish.

Optical System

Reflector systems features highly reflective coating, delivering adequate light for high-mounting buildings. Diffuser lens reduces glare and improves occupant working conditions while maintaining high efficiency emission.

Certification

UL Listed. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC Premium.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V) for convenient installation. Comes equipped with luminaire quick-disconnect.

Installation / Mounting

Various mounting options available, including suspension, pendant, and surface mount. V-hook hangers and chain accessories available.

Controls / Dimming

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.

Ordering Information

Example: SLB2-110/850/F

SLB	2	110	8	50	F	[Blank]	[Blank]
Series SLB Slim Linear High Bay	Form Factor 2 2' 4 4'	Rated Wattage 2' 110 110W 162 160W 165 165W 4' 220 220W 225 225W 275 275W 320 320W	CRI 8 83+	Color Temp 50 5000K	Lens Difuser F Frosted	Input Voltage Blank 120V-277V 480 480V	Dimming Blank 0-10V Continuous Dimming
Options							
		Emergency Backup EM700 700lm EM1400 1400lm EM2000 2000lm	Controls OS Occupancy Sensor OSDL Occ. Sensor w/ Daylight		Accessories WG Wire Guard PMK Single-point Pendant-mount Kit ACC Aircraft cable suspension kit CRD Cord SP10 10kA Surge Protector		

SLB™ Series

LED Linear High Bay Luminaire



Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
CRI	83+, R9 > 0
Available CCT¹	5000K
Rated Life	75,000 hours
L70³	> 72,000 hours or > 45,000
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous (10-100%)

Accessory Options

Emergency Battery Backup

Factory-installed, integrated emergency lighting system with battery backup. Auto battery recharge. 90 min. emergency operation with various lumen options

Integrated Sensor

Luminaire-integrated controller to adjust high-end output. Great for optimizing rebate opportunities and further slashing energy. Reduces inventory burden by reducing SKUs

Pendant Mount Kit

Single-point pendant mount kit

Surface Mount Bracket

Enables surface mount option

480V

Fixture-integrated 480V Step-down autotransformer

Wire Guard

Protects fixture from damage

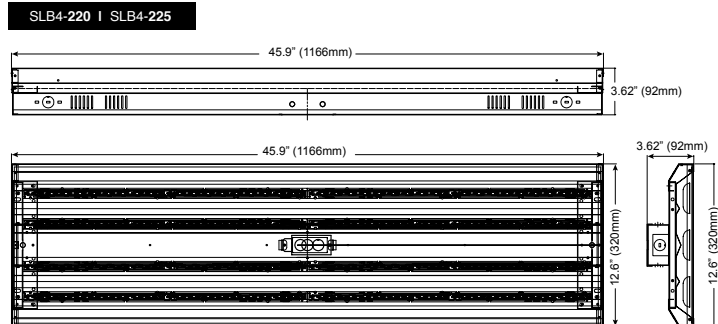
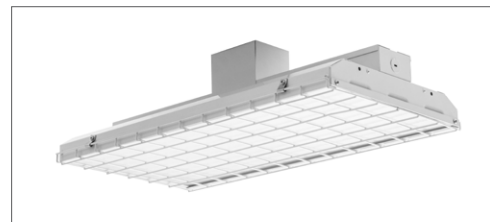
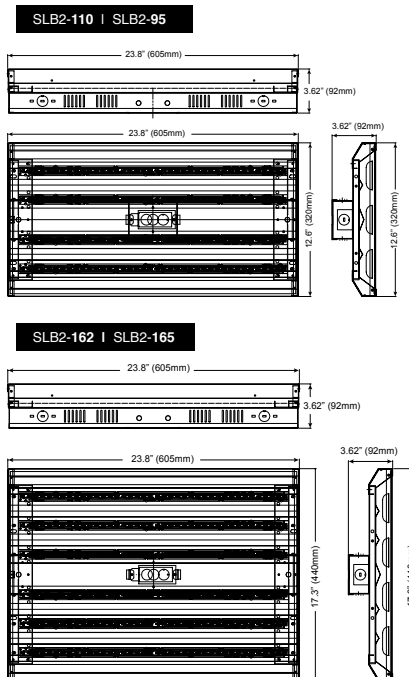
Cord and Plug

Various cord and plug options

Surge Protector

10kA and 20kA surge protection available

Product Dimensions





SLB™ Series

Improve safety and security, worker productivity and alertness, and retail appeal by improving lighting in high-bay applications. Implement smarter lighting solutions that deliver deep energy-savings and attractive ROI with SLB's integrated sensor solutions.

Warehouse Facility



SLB™ Series

LED Linear High Bay Luminaire

High output solution that delivers high-quality illumination at high mounting heights. Slim profile allows for easy handling and storage. Combine with various options to improve working environments in commercial spaces.

Production and Assembly



Retail Space



Gymnasium Space





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