

get more from the top

AlbeoTM

Experience unmatched energy savings
in high and low bay environments with
AlbeoTM LED Luminaires.

current
powered by GE

High Ceilings. High Standards.

Hard-to-reach ceilings. Expansive spaces. Expensive maintenance. The need for longer operating life.

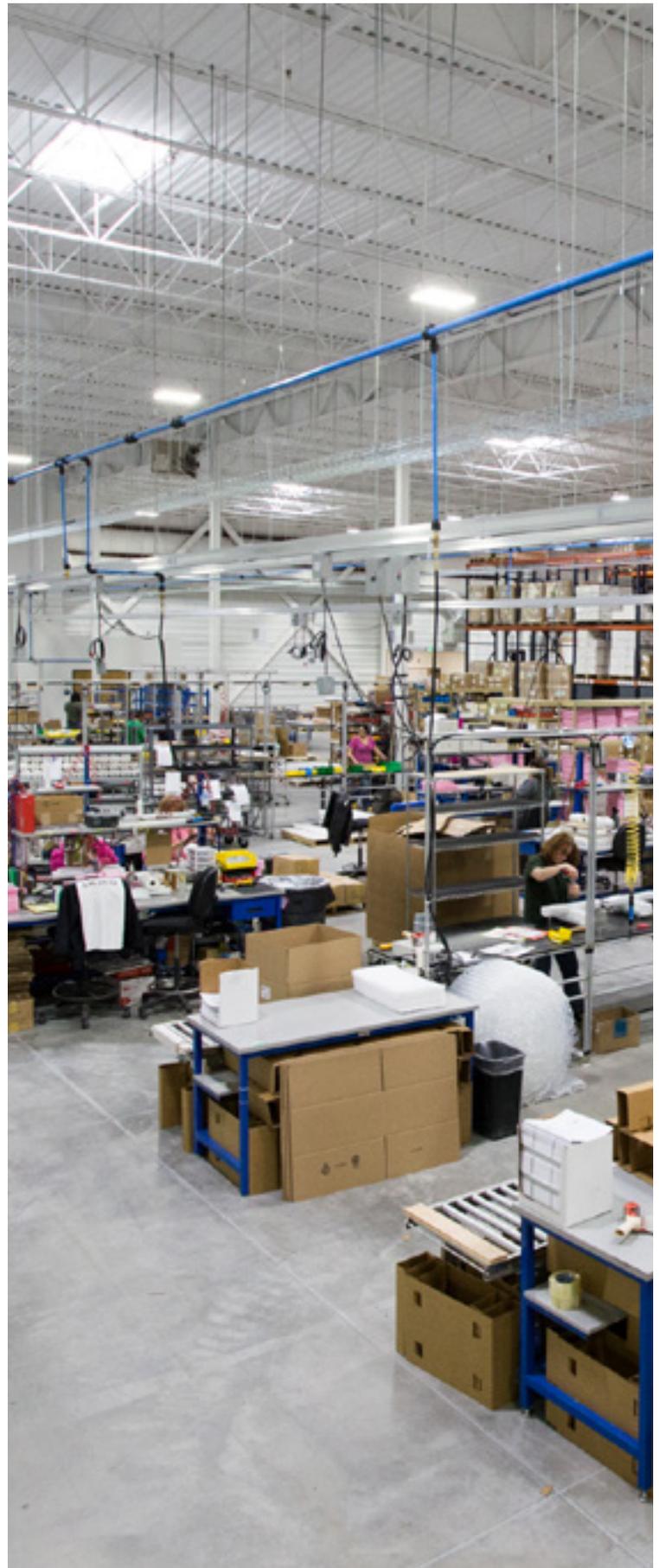
When it comes to lighting design, the costs in commercial and industrial spaces can really add up—and so can the challenges.

But with a variety of innovative products, the **GE Albeo™ family of LED Luminaires** offers a full line of solutions engineered to meet the unique demands of commercial and industrial lighting.

Albeo's rugged, robust fixture design can withstand environmental elements, offering better protection from damage while the precision optics of Albeo's finely tuned lighting system are customizable to meet any facility's need. And, the superior performance and longer life of Albeo's LEDs reduce maintenance and your carbon footprint, lowering costs at every turn.

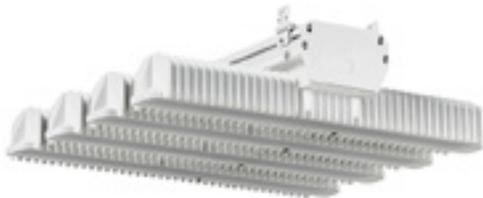
From warehouses and cold storage, to sports arenas, manufacturing facilities and more, high ceilings don't have to add up to high costs.

Let the **GE Albeo family of LED Luminaires** light the way.





Albeo™ LED Luminaire— **ABH-Series, ABV-Series** Modular High Bay & Low Bay Lighting



Award-winning Albeo™ **ABH-Series** LED Luminaires utilize innovative heat-sinking and cutting-edge LED technology to deliver a wide range of light outputs for a variety of applications. Replacing 250W–1,500W HID and four-to-eight-lamp T5/T8 high-intensity fluorescent fixtures, the ABH-Series can be matched with motion, daylight and wireless controls for increased energy savings, lower maintenance costs and shorter paybacks.

Albeo's groundbreaking innovation reaches new heights with the versatile **ABV-Series**. Utilizing a compact form factor, the ABV-Series offers customers the best mixture of value and performance for high-ceiling spaces.



Simulated Image

Albeo™ LED Luminaire— **ABR-Series, AHH-Series**

**Heavy Industrial and Hazardous Location
High Bay & Low Bay Lighting**



The Albeo™ **ABR-Series** and **AHH-Series** offer IP66-rated fixtures for demanding industrial environments with high ambient temperatures and wet applications. Utilizing a compact form factor, both series offer a rugged design with exceptional performance and high reliability.



An Expanded Portfolio of Innovative Solutions

Albeo™ ALC-Series LED Luminaire

An energy-efficient, low-maintenance alternative to traditional fluorescent in a variety of commercial, industrial and low bay lighting applications.

Albeo™ ALV-Series LED Luminaire

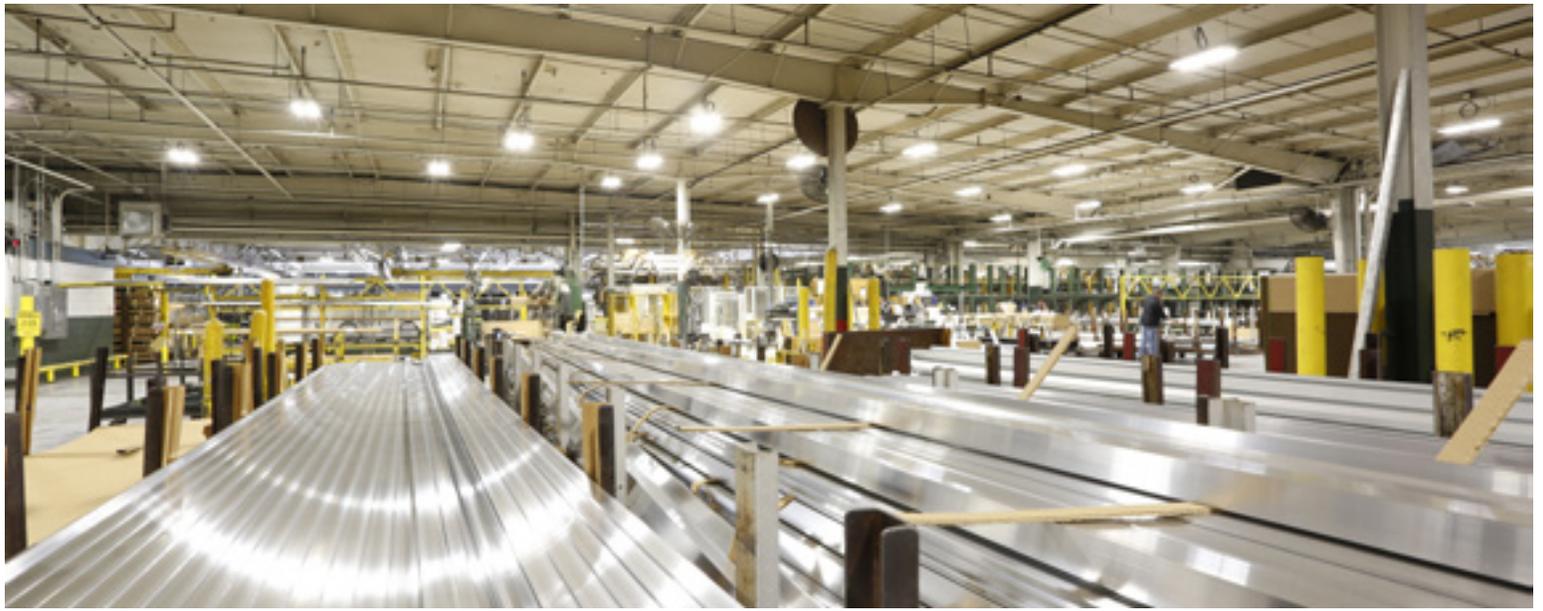
An energy-efficient, low-maintenance alternative to traditional fluorescent in a variety of commercial, low bay lighting applications. The ALV1-Series offers customers the best mix of value and performance.

Albeo™ ALR-Series LED Luminaire

Provides high uniformity, excellent efficiency and reduced glare in cooler and wash-down industrial applications.

Albeo™ Emergency Battery Backup Module

An emergency option that expands high and low bay product accessories. When used in conjunction with any non-sealed Albeo product, the emergency battery backup module will meet NFPA 101 requirements for egress lighting when power is not provided to a luminaire.



Excellence in Action

Customer Case Studies of Real-World Successes with GE Albeo™ LED Luminaires

US Mat Systems

When US Mat Systems relocated to a 450,000-square-foot facility in Leavenworth, Washington, an industrial lighting transformation was necessary to ensure workers could efficiently do their jobs while simultaneously reducing energy costs. The installation of 145 new Albeo™ ABV-Series LED Luminaires is expected to reduce energy use by nearly 640,000 kilowatt hours and maintenance costs by approximately \$15,000 each year.

American Eagle Outfitters

American Eagle Outfitters, a clothing and accessories retailer, was in the process of building a new distribution center in Hazleton, Pennsylvania. Before the lighting layout was finalized, the AEO facility-management team explored alternate options that could provide energy and maintenance savings. Identifying GE Albeo LED Luminaires as a superior lighting choice took them down the path to LEED® certification while improving light output and cost savings.

Astro Shapes

As a company that operates 24/7, Astro Shapes counts on reliable light fixtures to illuminate its industrial production space around the clock. When its leadership realized it was time to replace the legacy lighting, the company was looking to improve its 24-hour-a-day energy use. More than 600 Albeo ABH-Series and ABV-Series LED high bay lighting fixtures now illuminate Astro Shapes' 300,000-square-foot facility, saving more than 1.85 million kilowatt hours of energy a year—savings that add up to more than \$122,000.



Every Albeo™ LED Luminaire Comes Standard with the GE Advantage.™

Complete Service and Support from GE, Every Step of the Way



Discovery & Design

Receive a comprehensive, custom lighting solution from a team that truly listens to understand your specific goals.



Innovative Systems

Choose from a broad portfolio, including the latest LED lighting technologies.



Seamless Distribution

Get easy and immediate access through our national network of distributors.



Integration Services

Garner coordination services with a network of installers for your existing infrastructure or new construction projects.



ROI Optimization

See attractive financial benefits with a plan built to deliver—we even assist with utility rebate capture and propose financing options from GE Capital.

Top Performance. Light After Light.

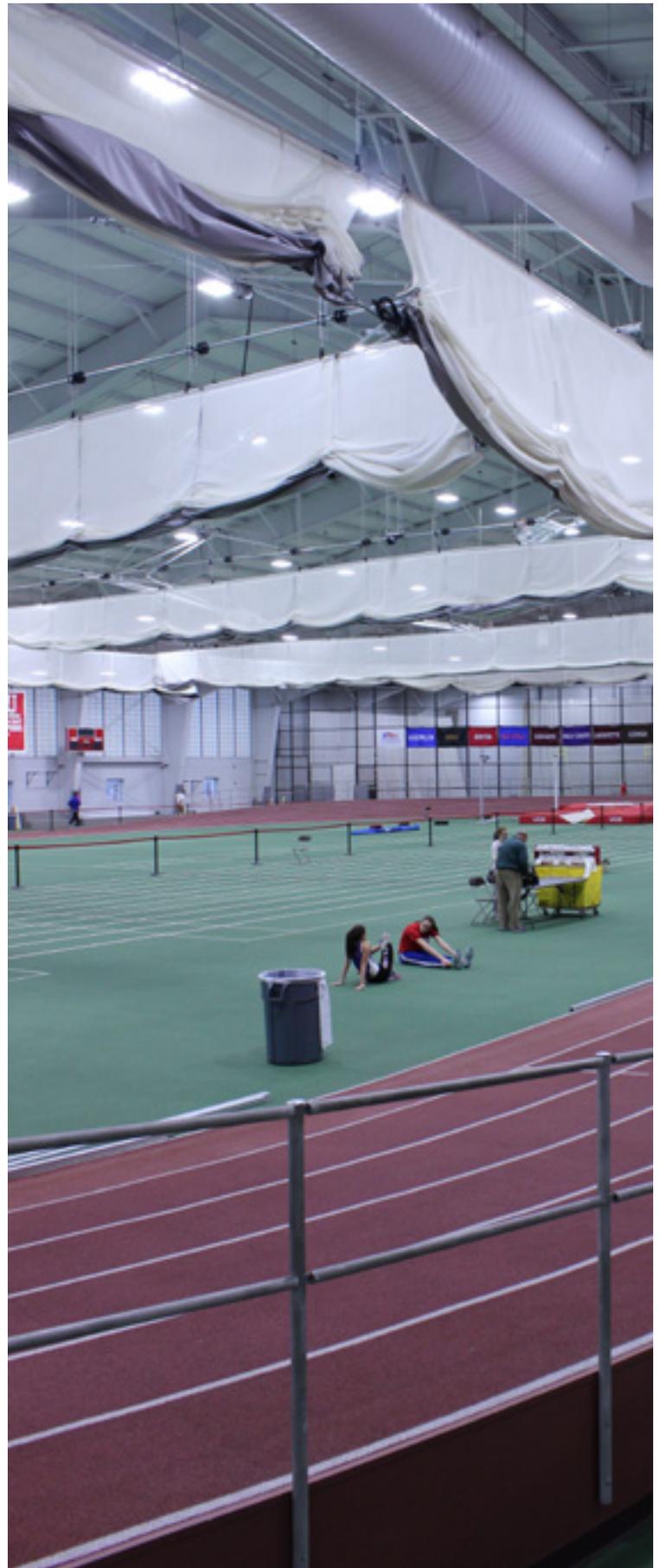
Current, powered by GE, brings innovation in one place by combining GE's capabilities in LED, Solar, Energy Storage, On-Site Generation and Electric Vehicle infrastructure into a sustainable energy ecosystem that benefits our customers and partners.

Imagine using **Albeo™ LED Luminaires** to make real-time decisions about your energy use. Imagine intelligent environments where buildings can generate power on-site or on the grid through networked lighting. Imagine smart cities configured with eco-friendly LED lighting systems networked with sensors.

It's the right time to save energy.

It's the right time to save money.

It's the right time to upgrade to LED with Albeo high and low bay lighting.



Industrial Solutions

Made to order

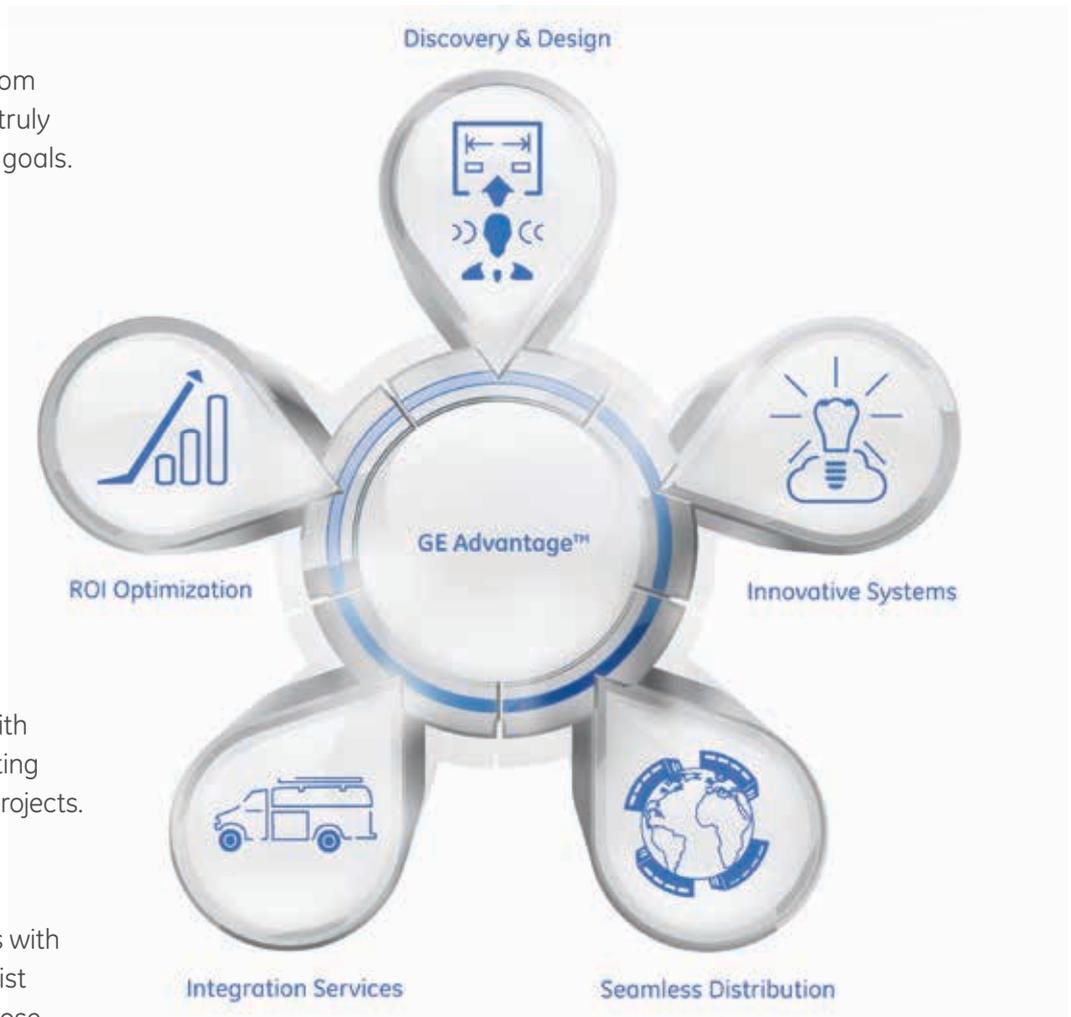
Imagine lighting as versatile
as the industries it serves.



The GE Advantage™

Our Industrial Lighting Systems come complete with service and support from GE, every step of the way.

- 1** **Discovery & Design**
You receive a comprehensive, custom lighting solution from a team who truly listens to understand your specific goals.
- 2** **Innovative Systems**
You can choose from a broad portfolio, including the latest LED lighting technologies.
- 3** **Seamless Distribution**
You have easy and immediate access through our national network of distributors.
- 4** **Integration Services**
You garner coordination services with a network of installers for your existing infrastructure or new construction projects.
- 5** **ROI Optimization**
You see attractive financial benefits with a plan built to deliver – we even assist with utility rebate capture and propose financing options from GE Capital.





What if light could brighten the entire industrial landscape?

Hard-to-reach ceilings, expansive spaces, hot or cold temperatures and long operating hours. These are challenges all industrial lighting designers face. LED lighting from GE Lighting saves maintenance time and energy over conventional HID and fluorescent lighting systems.

The first visible LED was invented by a GE scientist in 1962. GE Lighting has been dedicated to optimizing LED lighting for industrial applications. Today, LED delivers better light distribution, visual acuity, color consistency and optical control with less wattage, less waste and longer replacement intervals. The GE Lighting Solutions Design Team can help you customize the ideal LED lighting solution for any industrial space.

What if light could work harder for you?

GE Lighting offers a comprehensive portfolio of industrial lighting solutions to help you enhance environments and improve energy efficiency. Discover the impact our products can make throughout your facility.

A Industrial High Bay

PAGES 6 - 7

B Industrial Low Bay

PAGES 8 - 9

C Cold Storage and Hazardous

PAGE 10

D Lighting Control Solutions

PAGE 11

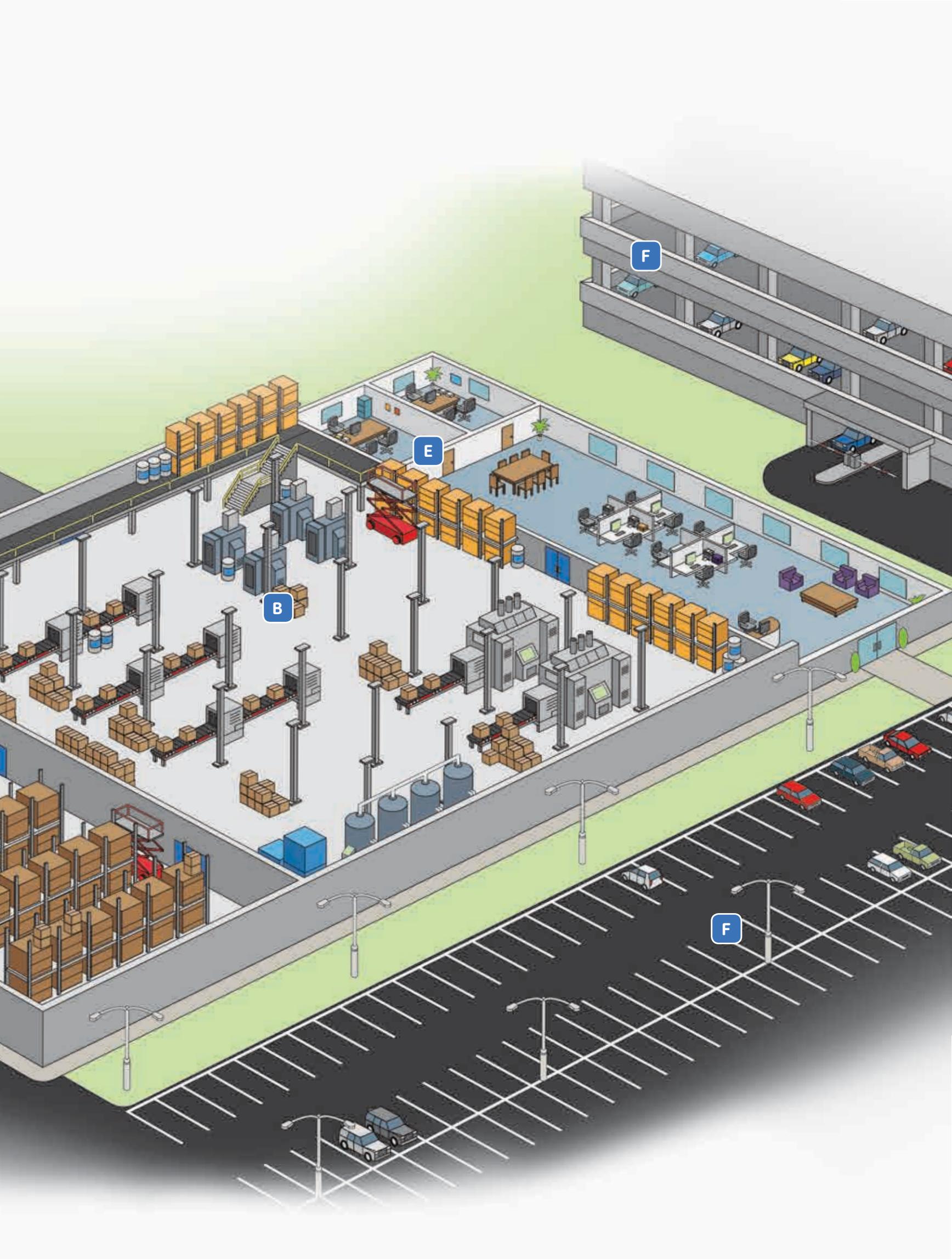
E Offices and Functional Areas

PAGE 12

F Outdoor and Parking

PAGE 13





F

E

B

F



Imagine lighting that keeps high costs at bay.

High, hard-to-reach ceilings, expansive spaces, hot or cold temperatures, long operating hours and unique building characteristics can create lighting challenges and inefficiencies. That's why so many industrial facility managers turn to GE Lighting for customized LED lighting solutions that maximize savings and improve performance throughout their facilities.

At GE Lighting, the best minds in the business have engineered more efficient lighting solutions for ceilings ranging from 16 to 50 feet in height. Our award-winning Albeo™ Industrial LED Luminaires deliver more lumens with fewer fixtures and a 100,000-hour life rating. Adding daylight harvesting, motion and wireless controls reduces energy and maintenance costs even further.

Albeo modular and scalable LED Luminaires are 30 to 65% more energy efficient than fluorescent and HID lighting systems, and deliver a brighter, whiter light with less wattage, less maintenance and less waste.





Smart Fact

LED is a cash machine

Replacing HID's with LEDs in a 500,000-square-foot warehouse yields powerful returns the very first year.

HID

Annual energy costs

\$277,177

Annual maintenance costs

\$26,186

LED

Annual energy costs

\$57,099

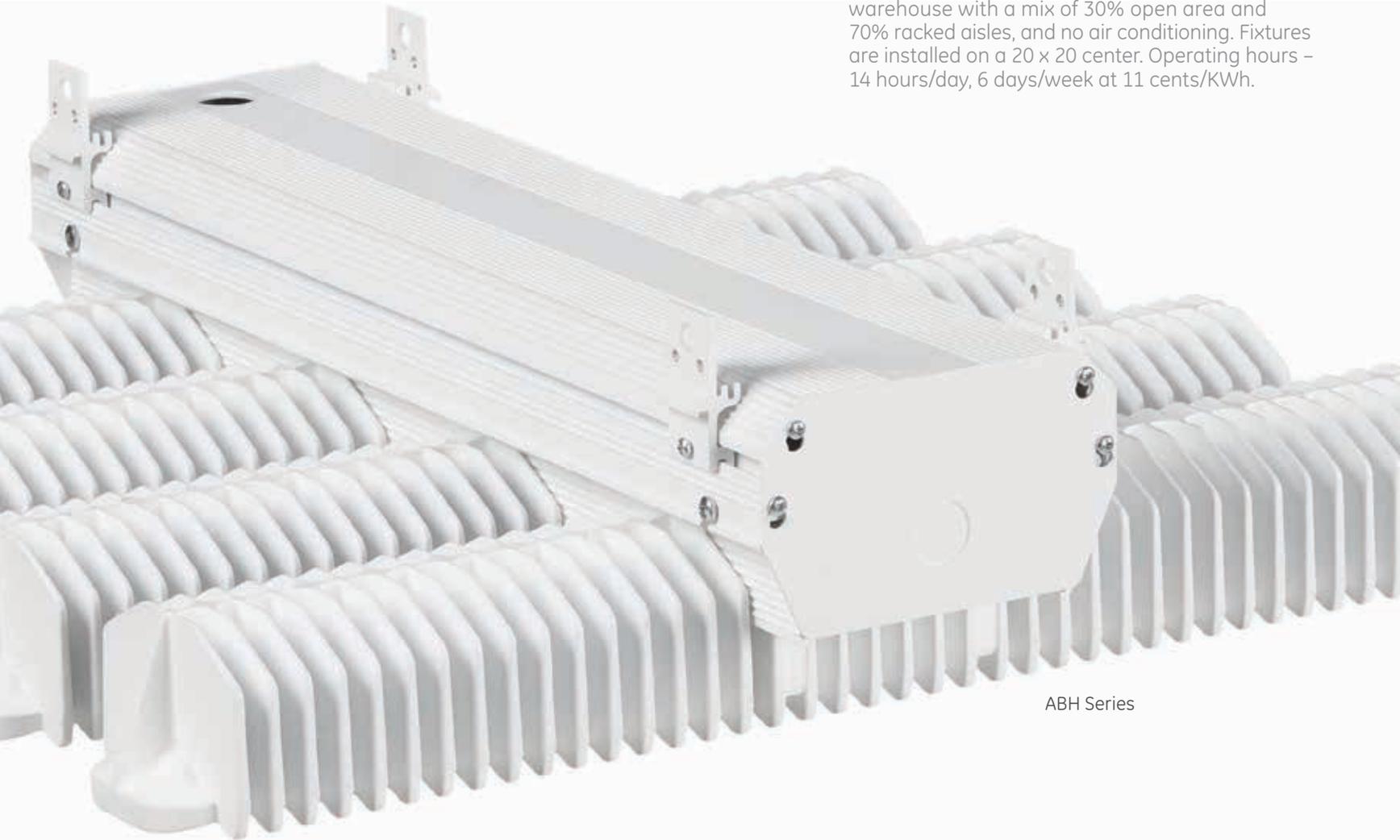
Annual maintenance costs

\$0

Total annual savings with LED:

\$246,264

Based on replacing 1,250 400W HID fixtures with Albeo ABHX LED fixtures in a 500,000-square-foot warehouse with a mix of 30% open area and 70% racked aisles, and no air conditioning. Fixtures are installed on a 20 x 20 center. Operating hours - 14 hours/day, 6 days/week at 11 cents/KWh.



ABH Series

What if light could work harder for you?

In most industrial settings with ceilings 20 feet or lower, lighting design has been limited to conventional linear fluorescent systems – a technology that comes with its own limitations and inefficiencies. Often requiring more fixtures and providing less targeted light, they can be a major contributor to light waste and overhead costs.

GE Lighting makes light work harder with less energy consumption. The low profile, linear Albeo ALC Series LED is engineered to meet the recommended luminance and illuminance requirements in low-bay applications. It features a precision lens system optimized for open spaces and racked aisles.

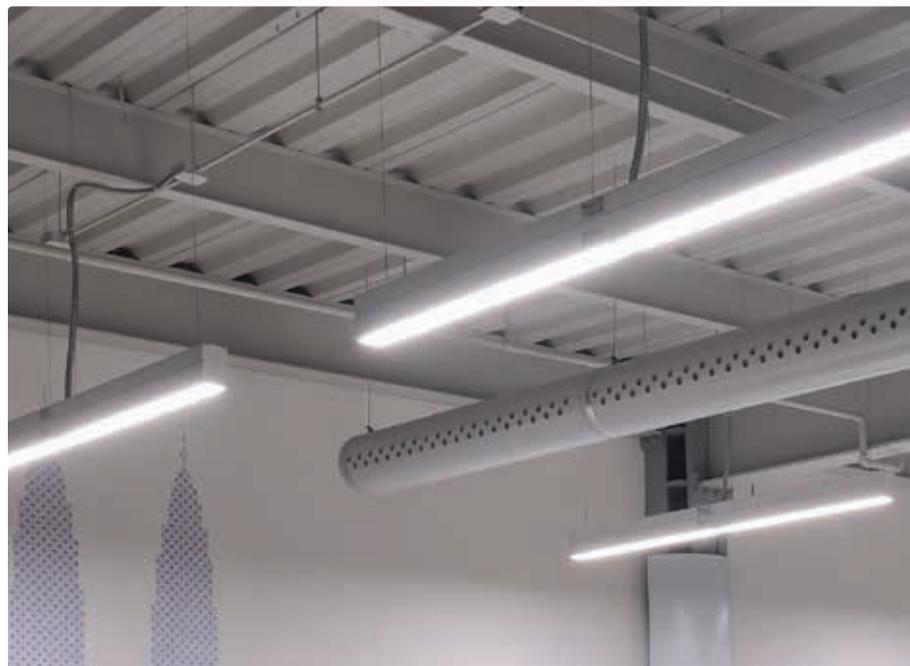
The Albeo ALC Series features advanced, heat sinking technology with improved electronics and comes in a range of optics and lumen outputs to meet your exact needs. Add motion detectors, daylight harvesting and wireless controls for additional energy savings and reduced operating costs.



Smart Fact

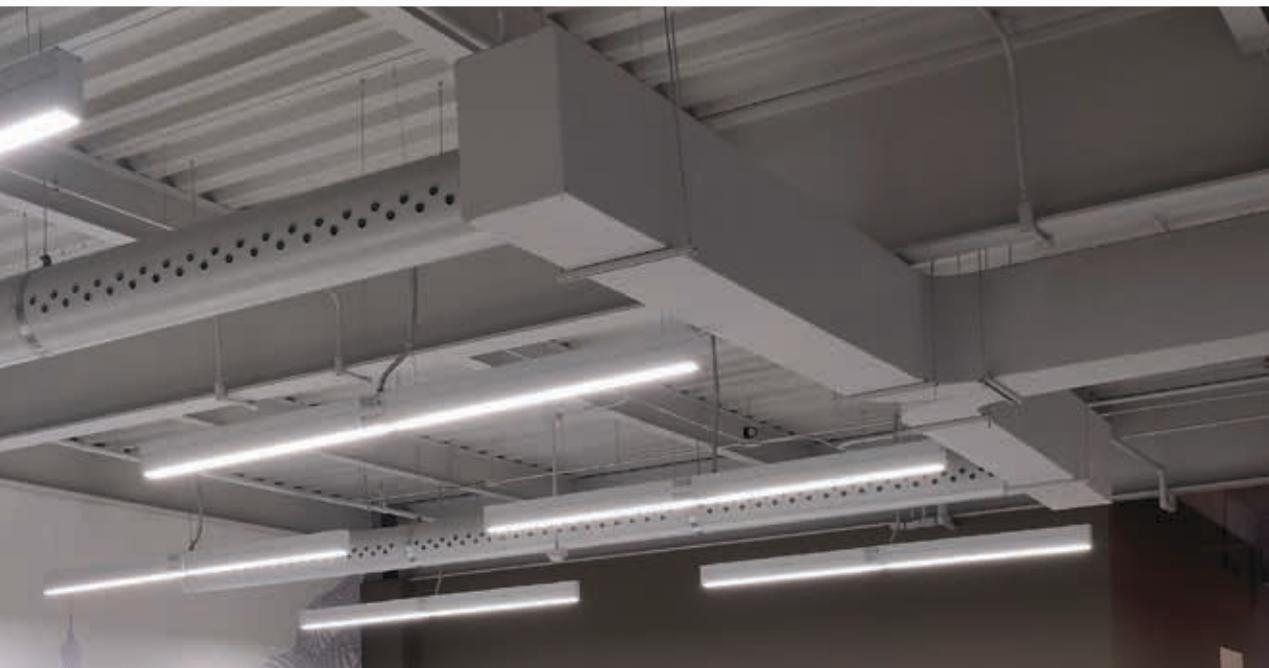
Utility rebates reduce initial investment and lead to lower costs.

In addition to energy savings, LED fixtures can reduce the overall cost of ownership through rebate incentives, when available. GE Lighting will work with you to determine eligibility requirements and to coordinate any local utility rebates you may qualify for.





ALC Series



What if light could be customized for your needs?

LED Luminaires and LED tubes from GE Lighting are ideal in conventional and cold storage facilities with a mixture of conditioned and unconditioned spaces. LED technology performs more consistently in cold temperatures than traditional fluorescent technology, making it a better choice in cold storage environments.



Lumination™ LED Luminaire - GS Series

For more demanding or hazardous industrial applications, the Albeo ABR1-Series and Lumination™ GS Series Luminaires offer exceptional performance and reliability. Featuring rugged body designs, optimized illumination and less glare, both series are rated for use in wet or damp locations.



ABR Series



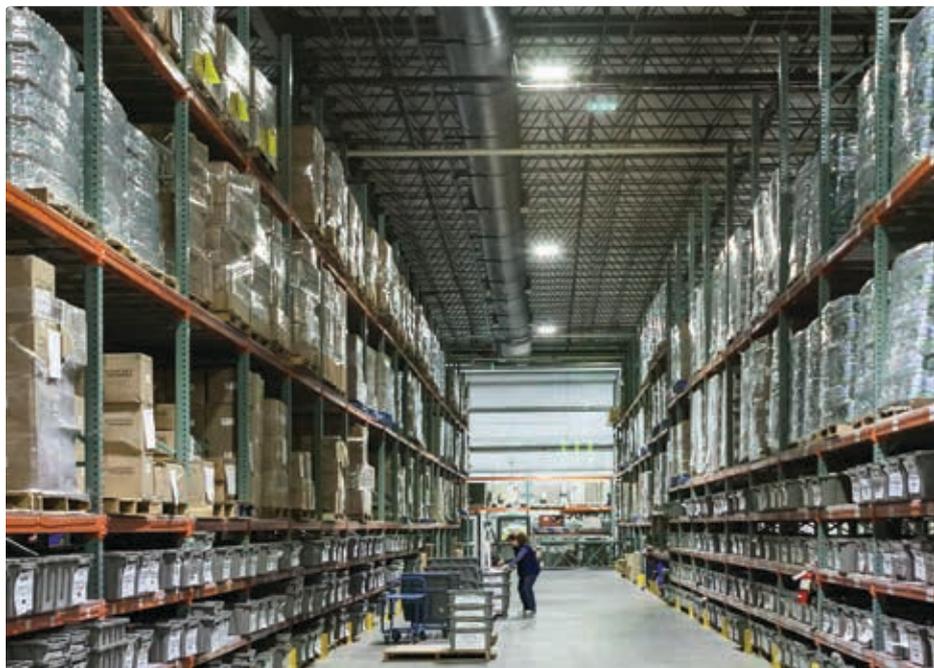
LED Tube



Smart Fact

GE Lighting has a lens for your application

Albeo's modularity gives you the freedom to choose the ideal lens type for your specific application. GE Lighting offers multiple photometric distributions to ensure optimized illumination for the open areas and racked aisles throughout your facility.



Imagine controlling light from anywhere, anytime.

Many conventional industrial lighting solutions, especially HID systems, are not compatible with advanced sensors and wireless controls. In addition, long strike-up times often force facility managers to leave these lights on round-the-clock.

GE Lighting offers advanced lighting controls that harvest daylight to reduce energy usage, or turn lights on and off at pre-designated times in pre-designated zones. Sensors and wireless controls from GE Lighting can ensure your LED lighting system works as hard as you do, operating efficiently without compromising aesthetics or productivity.

Highly flexible and scalable, GE Lighting control systems can be tailored for one or multiple locations, putting greater comfort, safety and efficiency within reach.



LightSweep™





Imagine workspaces that work smarter.

Offices and functional areas such as meeting rooms, hallways, cafeterias and health facilities require more effective lighting to accommodate a wide range of tasks. Outdated or inefficient lighting can be harder to control, cause glare on screens and waste substantial amounts of energy and maintenance time.

GE Lighting has combined the latest LED lighting technology with stylish designs to create a more welcoming, productive office, from the lobby and conference rooms to the hallways and open work areas. The right lighting can positively impact emotions and how people feel about their space. GE Lighting will help you transform your workplace with a combination of overhead, downlight, accent and architectural lighting that increases aesthetics and energy efficiency for a fast return on investment.



Lumination™ LED Luminaire - BR Series™



Lumination™ LED Luminaire - EP Series™



What if light could enhance your image?

Presenting your operation in the best possible light starts on the outside, including the parking lot. Evolve™ LED Area Lights deliver effective security light levels and reduced off-site visibility with symmetric and asymmetric light distributions. They also reduce system energy use from 40-70% compared to standard HID systems and virtually eliminate ongoing maintenance costs.

LED Garage Lights from GE Lighting offer significant energy and maintenance savings, effective security light levels, increased control and instant-on capabilities to optimize efficiency in parking areas. Our unique up-light version is a more driver-friendly solution that eliminates the “cave effect” that occurs with other LED lighting systems.



Evolve™ LED Area Light - EANA



Evolve™ LED Wall Pack - N Series EWNA

Reimagine your facility's lighting in three easy steps.



1. Request your FREE Lighting Audit from GE.



2. Receive your customized lighting solution.



3. Let GE coordinate the rest.

Backed by the GE Advantage,
we will work with you to:



Learn how to
save energy
and cut
spending



Support
environmental
initiatives



Realize
a positive
return on
investment

To learn more about industrial lighting solutions from GE or schedule your complimentary Lighting Audit, visit gelifting.com/industrial.



For more information or to get started,
contact your GE Lighting sales representative
or visit gelighting.com/industrial

GE
Lighting

Albeo™ LED Luminaire

High Bay Lighting
(ABV-Series)



imagination at work

Product Features

Albeo continues to build on the groundbreaking ABH-Series high bay LED luminaire with its latest high bay, the ABV-Series. Utilizing a new form factor, the ABV-Series offers customers the best mixture of value and performance.

Applications

- Designed to meet recommended luminance and illuminance requirements for High bay and Low bay applications.

Housing

- Combination of steel and aluminum housing.
- ABV-Series' design accommodates 1 or 2 modules with 2 LED strips per module.

LED & Optical Assembly

- ABV-Series lens system enable LEDs to provide optimized illumination for open floor and racked aisles with photometric distributions of 55, 90 and 120 degrees.
- Utilizes high brightness LEDs, 70 CRI at 4000K & 5000K typical.
- LM-79, LM 80 tests and reports are performed in accordance to IESNA standards.

Ratings

- DLC Listed
- RoHs
-   UL 1598 Suitable for Damp Locations
- UL 8750 LED equipment in Lighting Products
- Temperature Rated at (-30°C to +55°C) (-22°F to 131°F). *E output temperature rated at (0°C to +40°C) (32°F to 104°F).
- Projected L70(10k) ≥ 100,000 Life Hours per IES TM-21. *E output projected L70(10K) ≥ 68,000 Life Hours at 25°C per IES TM-21.

Mounting

- Chain or Cable mounting ready, threaded rod kit, ¾" pendant mount kit, and surface mount* optional.
 - Cord and plug options offered.
- * Temperature rating reduced by 5°C*

Finish

- Painted white finish

Controls

- Motion and Daylight sensor can be combined with the ABV-Series for additional energy savings.
- Wireless controls and emergency battery backup options available.

Electrical

- 120-277 volt, 347 and 480 volt available.
- System power factor is >90%* and THD <20%.*
- EMI: FCC CFR Title 47 Part 15, Class A.

** System power factor and THD is tested and specified at 120V input and maximum load conditions.*

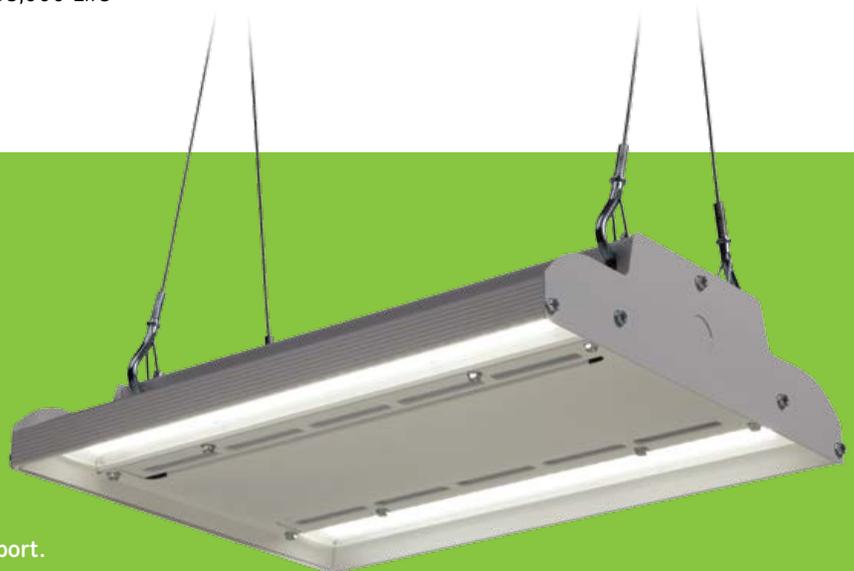
Warranty

- 5-year limited system warranty standard.

Industry Awards



Accepted for inclusion in the 2014 IES Progress Report.
Sponsored by the Illuminating Engineering Society.



Ordering Number Logic

High Bay (ABV1)



ABV1

V

W

PRODUCT ID	VOLTAGE (UL)	MODULE	LUMEN OUTPUT	LED COLOR TEMP	OPTICS BEAM	MOTION/DAYLIGHT SENSOR	CONTROL WIRING	MOUNTING	CORD	PLUG	FINISH	OPTIONS
A = Albeo	0 = 120/277 1 = 120* 2 = 208* 4 = 277* 5 = 480* D = 347*	1 = 1 module 2 = 2 modules	T = Standard Output V = Very High Output E = Elevated Output*	70 Plus CRI 47 = 4000K 57 = 5000K	1 = 120° 5 = 55° 9 = 90° D = 120° Diffused lens	N = None A = On/off aisle motion B = On/off 360 motion C = On/off cold temp aisle D = On/off cold temp 360 E = Daylight sensor F = Aisle motion/daylight G = 360 motion/daylight H = Pre-wired (no sensor) J = 0-10V Motion 360 K = 0-10V Motion aisle L = 0-10V Motion 360 cold M = 0-10V Motion aisle cold 4 = Wireless Enabled Motion Sensor*	V = 0-10V	ST = Standard 22 = 1/2" Threaded rod mount kit SM = Surface Mount* 23 = 3/4" Pendant Mount Kit 3/4" conduit not included 41 = Y-Cable/ Hook 5 ft. 42 = Y-Cable/ Hook 10 ft. 43 = Y-Cable/ Hook 15 ft. 44 = Y-Cable/ Hook 20 ft. See Mounting & Accessories	K = Knock out access A = 6 ft. 18-3 cord B = 12 ft. 18-3 cord	N = None A = 15A straight plug B = 20A straight plug C = 15A twist lock plug D = 20A twist lock plug	W = White Powder Coat	EL1 = 120° Battery Backup* EL5 = 50° Battery Backup* *Battery Backup not available for 347V-480V
1 = LED Generation	*Specify single voltage if cord and plug or wireless needed.		NOTE: *1-module only			*Required for Wireless Enabled Fixture. Wireless not available with 347V-480V NOTE: Dimming sensors are not compatible with 480V options.						

MODULE #	OUTPUT LEVEL	TYPICAL INITIAL LUMENS 70 CRI		TYPICAL SYSTEM WATTS		LPW (5000K)		MAXIMUM AMBIENT TEMPERATURE
		4000K	5000K	120V-277V	347V-480V	120V-277V	347V-480V	
1	T	9000	9170	67	72	137	127	55°C
1	V	12080	12310	95	102	130	121	55°C
1	E	17200	17200	153	150	112	114	40°C
2	T	18000	18340	134	144	137	127	55°C
2	V	24160	24620	190	204	130	121	55°C

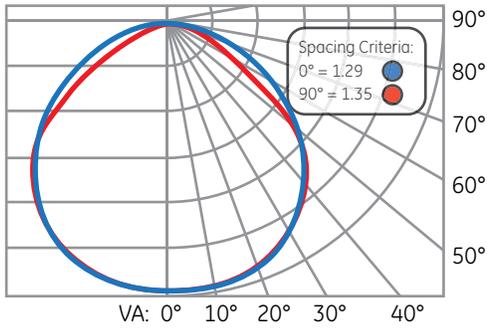
OPTICS BEAM	% OUTPUT
120° (1)	100%
55° (5)	93%
90° (9)	99%
120° Diffused (D)	99%

Note: Lumen data shown is for 120°(1) optic see table to the right for other light optic factors.

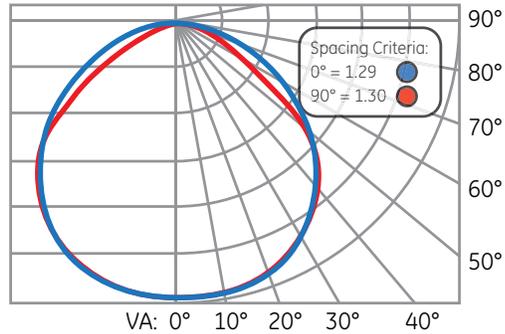
Photometrics

Optics for Common Applications

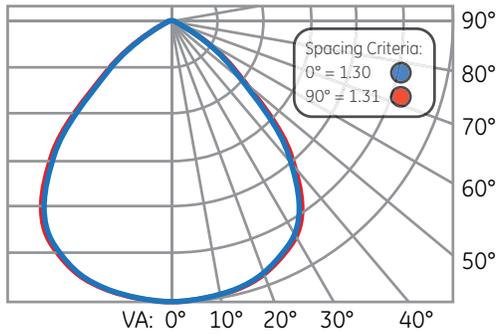
Polar Candela Distribution
120° Full Beam Angle



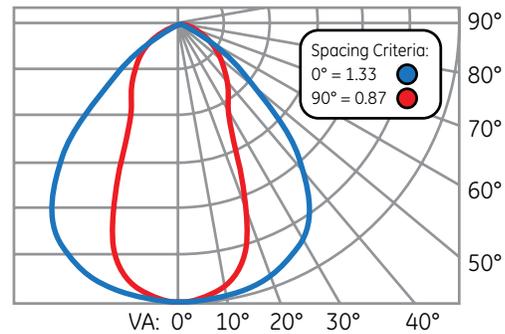
Polar Candela Distribution
120° Diffused Full Beam Angle



Polar Candela Distribution
90° Full Beam Angle



Polar Candela Distribution
55° Full Beam Angle

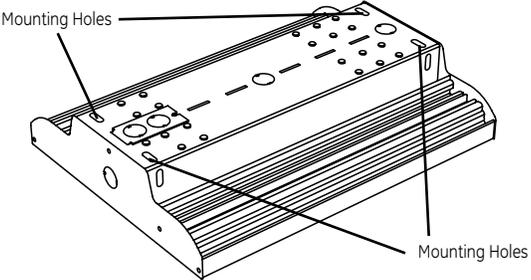
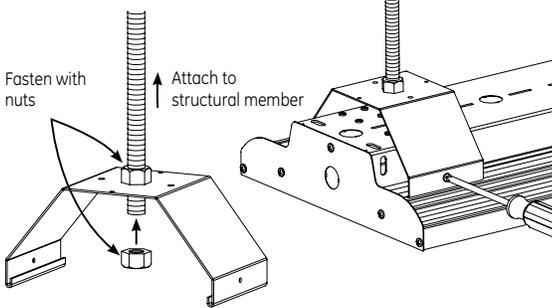
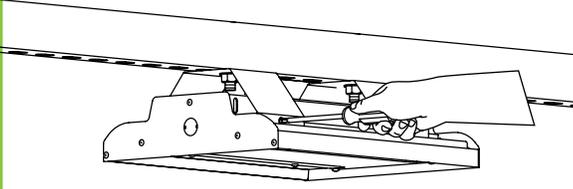
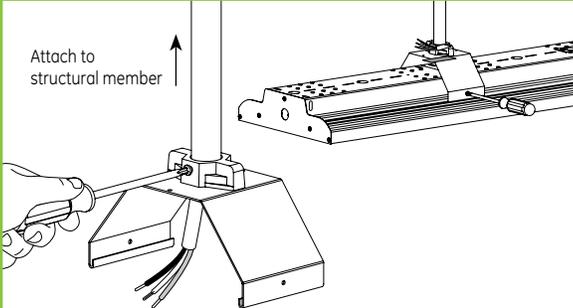
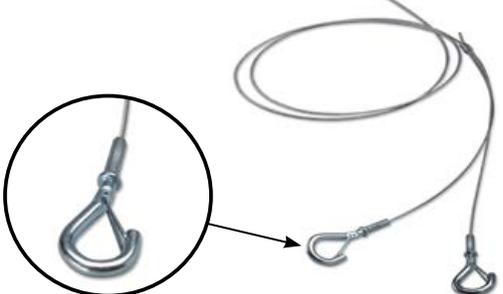


Lens selection by application

The Albeo™ ABV-Series optical lens system enables LEDs to provide precise illumination where needed. Lenses are designed for commercial & industrial applications where mounting height, fixture spacing & light levels help determine lens selection. The following table outlines lens options and suggested application. Consult factory for specific project layouts.

LENS TYPE	MOUNTING HEIGHT	SPACE TYPE
120° Diffused	Below 20 Feet	Open Floor Plan
120° Standard	Any	Open Floor Plan
90°	Any	Open Floor Plan
55°	Any	Low or High Bay Racked Aisles

Mounting & Accessories

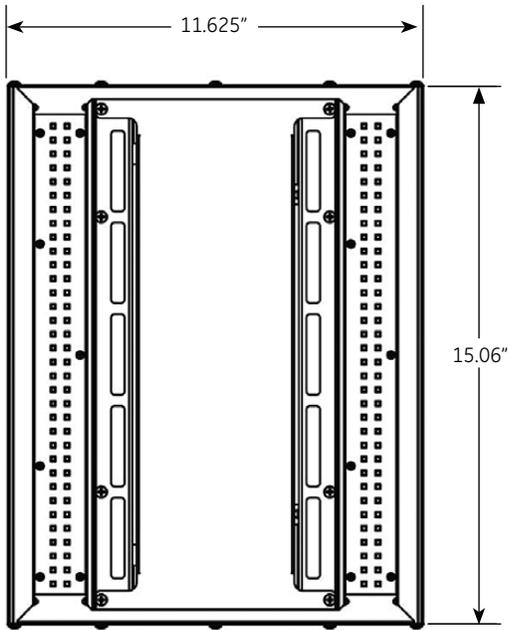
MOUNTING OPTIONS	IMAGE	ORDER LOGIC CODE
<p>Standard Chain/Cable Mount Available on all fixture configurations (chain not included). Y-Cable w/hook can be ordered as an accessory.</p>	 <p>Mounting Holes</p> <p>Mounting Holes</p>	<p>ST = Standard</p>
<p>Rod Mount (optional) Available on all fixture configurations. Attaches to 1/2" threaded rod (rod and nuts not included).</p>	 <p>Fasten with nuts</p> <p>Attach to structural member</p>	<p>22 = 1/2" Threaded Rod Kit</p>
<p>Surface Mount* (optional) Available on all fixture configurations. Attaches to structural member in ceiling. (Hardware not included.) <i>* Temperature rating reduced by 5°C</i></p>		<p>SM = Surface Mount</p>
<p>Pendant Mount (optional) Available on all fixture configurations. Attaches to 3/4" threaded conduit (conduit not included).</p>	 <p>Attach to structural member</p>	<p>23 = 3/4" Pendant Mount Kit</p>
<p>Y-Cable w/hook (optional) Use with Standard Mounting Option only. Order separately. Price adder per pair. 5 ft., 10 ft., 15 ft., 20 ft. lengths available.</p>		<p>41=Y-Cable-Hook-05ft-Pair 42=Y-Cable-Hook-10ft-Pair 43=Y-Cable-Hook-15ft-Pair 44=Y-Cable-Hook-20ft-Pair Max Load: 200 lbs. per pair</p>

Chain/cable mount is standard and included in price. Price adder for Y-Cable, Rod Mount, and Pendant Mount. Consult Sales for latest information. See "Installation Instructions" for mounting details.

Product Dimensions

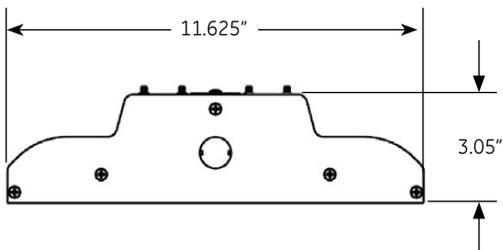
High Bay (ABV1)

1-Module

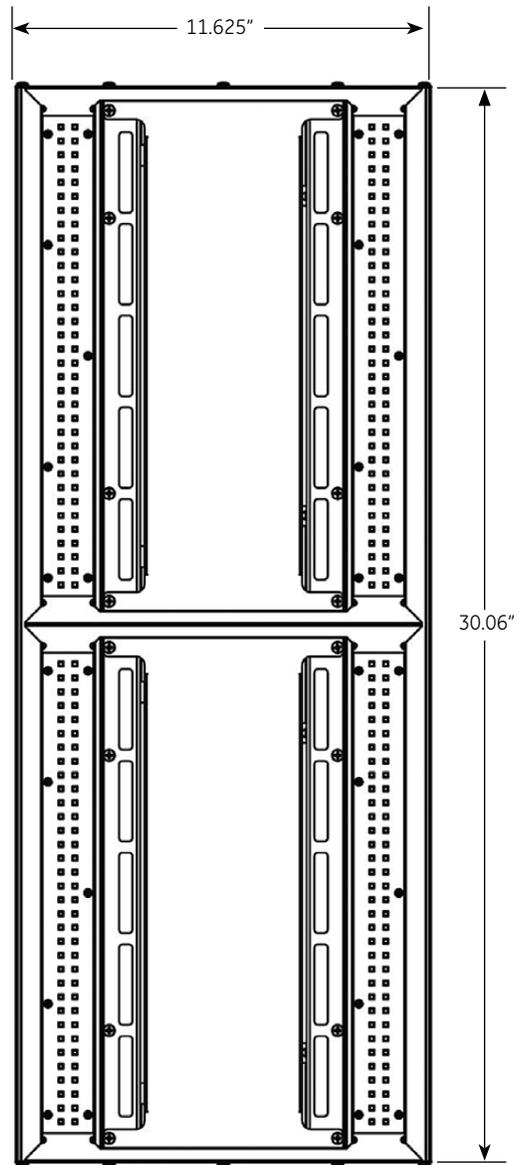


Max. Weight: 11 lbs.

Side View



2-Module



Max. Weight: 18 lbs.



www.gelighting.com

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ALB016 (Rev 06/06/16)

Albeo™ LED Luminaire

High Bay Lighting
(ABV - Series)



Project name _____
Date _____
Type _____

Product Description:

Albeo continues to build on the groundbreaking ABH-Series high bay LED luminaire with its latest high bay, the ABV-Series. Utilizing a new form factor, the ABV-Series offers customers the best mixture of value and performance.

Applications:

- Designed to meet recommended luminance and illuminance requirements for high bay and low bay applications.

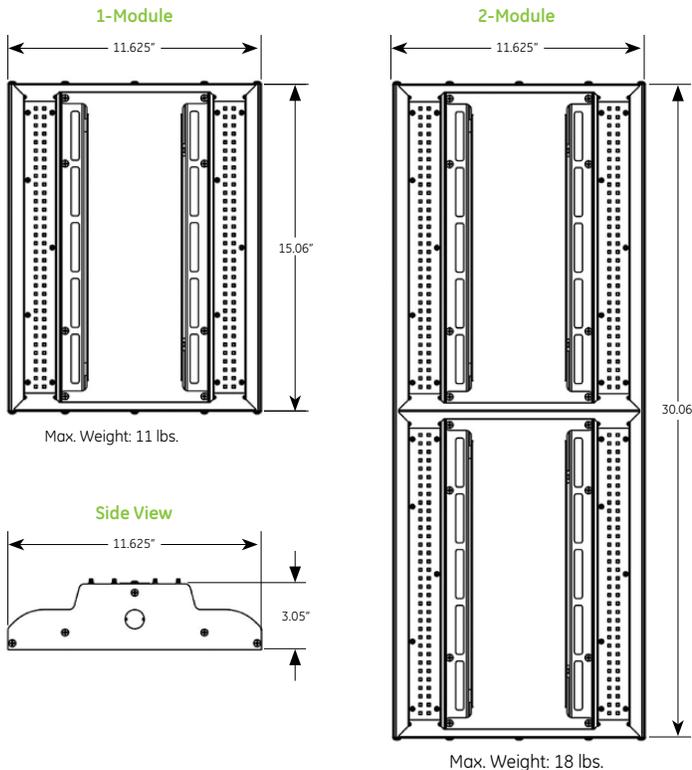
Housing:

- Combination of steel and aluminum housing.
- ABV-Series' design accommodates 1 or 2 modules with 2 LED strips per module.

LED & Optical Assembly:

- ABV-Series lens system enable LEDs to provide optimized illumination for open floor and racked aisles with photometric distributions of 55, 90 and 120 degrees.
- Utilizes high brightness LEDs, 70 CRI at 4000K & 5000K typical.
- LM-79, LM 80 tests and reports are performed in accordance to IESNA standards.

Product Dimensions:



Ratings:

- DLC qualified. Please refer to: <http://www.designlights.org/QPL> for complete information.
- /UL 1598 Suitable for Damp Locations.
- /UL 8750 LED equipment in Lighting Products.
- Temperature Rated at (-30°C to +55°C) (-22°F to 131°F).
*E output temperature rated at (0°C to +40°C) (32°F to 104°F).
- Projected L70 (10K) ≥ 100,000 Life Hours per IES TM-21.
*E output projected L70(10K) ≥ 70,000 Life Hours per IES TM-21.

Mounting:

- Chain or cable mounting ready. threaded rod kit, 3/4" pendant mount kit, and surface mount* optional.
- Cord and plug options offered.
* Temperature rating reduced by 5°C

Finish:

- Painted white finish.

Controls:

- Motion and Daylight sensors can be combined with the ABV-Series for additional energy savings.
- Wireless controls and emergency battery backup options available.

Electrical:

- 120/277 volt and 347/480 volt available.
- System power factor is >90%* and THD <20%*.
- EMI: FCC CFR Title 47 Part 15, Class A.
* System power factor and THD is tested and specified at 120V input and maximum load conditions.

Warranty:

- 5-year limited system warranty standard.



imagination at work

Ordering Number Logic

High Bay (ABV1)



ABV1

V

W

PRODUCT ID	VOLTAGE (UL)	MODULE	LUMEN OUTPUT	LED COLOR TEMP	OPTICS BEAM	MOTION/DAYLIGHT SENSOR	CONTROL WIRING	MOUNTING	CORD	PLUG	FINISH	OPTIONS
A = Albeo B = Bay V = V-Series 1 = LED Generation	0 = 120/277 1 = 120* 2 = 208* 4 = 277* 5 = 480* D = 347* *Specify single voltage if cord and plug or wireless needed.	1 = 1 module 2 = 2 modules	T = Standard V = Very High Output E = Elevated Output* NOTE: *1-module only	70 Plus CRI 47 = 4000K 57 = 5000K	1 = 120° 5 = 55° 9 = 90° D = 120° Diffused lens	N = None A = On/off aisle motion B = On/off 360 motion C = On/off cold temp aisle D = On/off cold temp 360 E = Daylight sensor F = Aisle motion/daylight G = 360 motion/daylight H = Pre-wired (no sensor) J = 0-10V Motion 360 K = 0-10V Motion aisle L = 0-10V Motion 360 cold M = 0-10V Motion aisle cold 4 = Wireless Enabled Motion Sensor* *Required for Wireless Enabled Fixture. Wireless not available with 347V-480V NOTE: Dimming sensors are not compatible with 480V options.	V = 0-10V	ST = Standard 22 = 1/2" Threaded rod mount kit SM = Surface Mount* Rod and nuts not included 23 = 3/4" Pendant Mount Kit 3/4" conduit not included 41 = Y-Cable/ Hook 5 ft. 42 = Y-Cable/ Hook 10 ft. 43 = Y-Cable/ Hook 15 ft. 44 = Y-Cable/ Hook 20 ft. See Mounting & Accessories NOTE: *Temperature rating reduced by 5° C	K = Knock out access A = 6 ft. 18-3 cord B = 12 ft. 18-3 cord	N = None A = 15A straight plug B = 20A straight plug C = 15A twist lock plug D = 20A twist lock plug	W = White Powder Coat	EL1 = 120° Battery Backup EL5 = 50° Battery Backup

MODULE #	OUTPUT LEVEL	TYPICAL INITIAL LUMENS 70 CRI		TYPICAL SYSTEM WATTS		LPW (5000K)		MAXIMUM AMBIENT TEMPERATURE
		4000K	5000K	120V-277V	347V-480V	120V-277V	347V-480V	
1	T	9000	9170	67	72	137	127	55°C
1	V	12080	12310	95	102	130	121	55°C
1	E	17200	17200	153	150	112	114	40°C
2	T	18000	18340	134	144	137	127	55°C
2	V	24160	24620	190	204	130	121	55°C

OPTICS BEAM	% OUTPUT
120° (1)	100%
55° (5)	93%
90° (9)	99%
120° Diffused (D)	99%

Note: Lumen data shown is for 120°(1) optic see table to the right for other light optic factors.



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