

Albeo™ LED Luminaire

LED High Bay Lighting
ABV3 - A Series



Project name _____

Date _____

Type _____

Product Description:

The Albeo™ ABV3 LED A Series luminaire is an exceptional mixture of value and performance. Ideal for high bay and low bay applications in industrial and commercial buildings. Designed to replace 250W-850W HID and four-to eight-lamp T5/T8 HIF fixtures with unmatched reliability and quality.

Performance Highlights:

Light Output Range: 12,000 – 48,000 lumens

CRI: 70

CCT: 4000K, 5000K

Distributions: 120°, 90° open with diffused & clear lens options

Input Voltage: 120V-277V, 347V, & 480V

Efficiency: 160 LPW typical

Fixture Rated: L70 @ 100,000 hours min.

Limited Warranty: 5 Years

Temperature Rating: -30°C to +40°C (-22°F to 104° F)

Controls & Sensors: 0-10V standard, Motion & daylight sensor options.

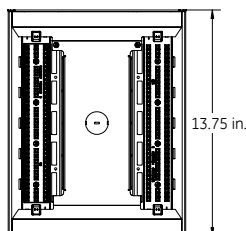
Product Images:



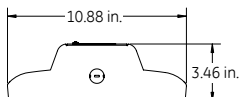
Product Dimensions:

12,000 – 24,000lm
1S-Module

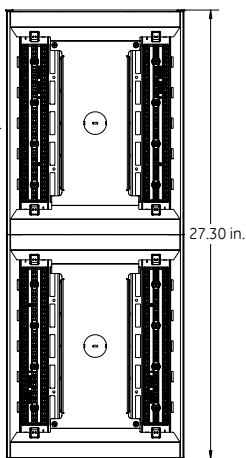
48,000lm
2S-Module



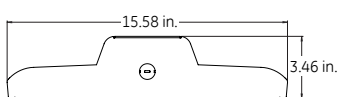
Max. Weight: 10 lbs.



Side View



Max. Weight: 20 lbs.



Side View

Certifications:



current
powered by GE

Ordering Number Logic

Industrial High Bay & Low Bay Lighting

ABV3-Series - Stock & Flow Edition



Project name _____
 Date _____
 Type _____

A B V 3 **A** **Q** **W** **1PK**

| PRODUCT ID | VOLTAGE | LUMEN OUTPUT | PERFORMANCE LEVEL | LED COLOR TEMP | OPTICS/ LENS | SENSOR/ WIRELESS | CONTROL WIRING | MOUNTING | CORD | PLUG | FINISH | OPTIONS |
|----------------------------------|---|--|-------------------|---|---|---|--------------------------------------|---|-------------------------------------|----------|-----------------------|---|
| ABV3 = Albeo Highbay ABV 3rd Gen | 0 = 120/277 1 = 120* 4 = 277* D = 347* 5 = 480* *Specify single voltage if plug, sensor, or wireless needed. | 12 = 12,000 18 = 18,000 24 = 24,000 48 = 48,000 | A | 70 Plus CRI 47 = 4000K 57 = 5000K | Clear Lens: 1C = 120° Clear Lens 9C = 90° Clear Lens Diffused Lens: Maximum Glare Reduction 1D = 120° Diffused Lens 9D = 90° Diffused Lens Open Optic: 1Q = 120° No Lens 9Q = 90° No Lens | Q = None A = Occ Sense On/Off 360° LSXR B = Occ Sense High-Low Dimming 360° LSXR P = Daylight Sense w/ Occupancy On/Off LSXR | V = 0-10V Dimming Q = Non-dimming | 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. | K = Knockout A = 6 ft. 18ga cord | Q = None | W = White Powder Coat | 1PK = Single Pack *Battery Backup for 120-277V sold separately |

| LUMEN PACKAGE | OUTPUT LEVEL | 70 CRI @ 4000K OR 5000K CCT | | | | MODULE BODY |
|---------------|--------------|-----------------------------|---------------|----------|----------------------|-------------|
| | | TYPICAL DELIVERED LUMENS | TYPICAL POWER | | TYPICAL LPW 120-277V | |
| | | | 120-277V | 347/480V | | |
| 12 | A | 11,700 | 68 | 70 | 172 | 1S |
| 18 | A | 17,300 | 109 | 110 | 159 | 1S |
| 24 | A | 23,400 | 162 | 168 | 142 | 1S |
| 48 | A | 46,500 | 330 | 341 | 141 | 2S |

*All packages are 40°C rated max ambient. Lumens shown with Clear Lens 120° "1C" Optic

| CRI | CCT | OUTPUT |
|-----|-------|--------|
| 70 | 5000K | 100% |
| | 4000K | 100% |

| OPTIC LENS CODE | OPTIC DESCRIPTION | OUTPUT MULTIPLIER |
|-----------------|--------------------|-------------------|
| 1C | 120° Clear Lens | 100% |
| 9C | 90° Clear Lens | 98% |
| 1D | 120° Diffused Lens | 95% |
| 9D | 90° Diffused Lens | 93% |
| 1Q | 120° No Lens | 102% |
| 9Q | 90° No Lens | 100% |



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