Albeo ™ LED Luminaire
High Bay Lighting
(ABV - Series)

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:

<table>
<thead>
<tr>
<th>Module</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Module</td>
<td>11.625&quot;</td>
<td>11.36&quot;</td>
<td>4.40&quot;</td>
<td>11 lbs</td>
</tr>
<tr>
<td>2-Module</td>
<td>11.625&quot;</td>
<td>11.36&quot;</td>
<td>8.80&quot;</td>
<td>18 lbs</td>
</tr>
</tbody>
</table>

Ratings:
- 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.