IntelliLED™ Wireless Controls | High Bay

Reliant™ LED High Bay

Certifications & Ratings
- 10 year warranty
- CE / ENEC
- IP66
- L70 rated for >100,000 hours @ 55°C
- L90 rated for >100,000 hours @ 25°C

Dimensions in mm

Mechanical Information:
- Fixture weight: 9.3 kg
- Shipping weight: 12 kg
- Box dimensions: 515 x 515 x 350mm

Mounting:
- Mounting: 304 stainless steel mounting bracket

Electrical Specifications:
- Operating voltage: 100-277 VAC 50/60Hz
- Operating temperature: -40°C to +55°C
- Total system power consumption: See ordering table
- EMC: EN 55015, IEC 61000-3-3, IEC 61547, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
- Transient protection: 6kV/3kA combination wave, as per IEEE C62.41, line-line and line-ground
- IEC 61000-4-5
- IEC 61000-4-4
- THD: IEC 55015 <20% @ 100-277 VAC
- Harmonics: IEC 61000-3-2, Class C
- Power factor: >0.9 @ 100-277 VAC
- Flicker: IEC 61000-3-3
- Dimming: DALI 1.0 and 2.0 5% 0-10 VDC continuous dimming to 5% Wireless dimming via Dialight IntelliLED controls to 5%
- Cable entry: (3) M20
- Terminals: 5 position, 0.5-4 mm²

Materials:
- Housing: Polycarbonate (upper) Aluminium (lower)
- Lens: Polycarbonate Glass and acrylic options also available
- Hardware: 304 stainless steel
- Hook: 304 stainless steel
- Fixture finish: Superior dual coat finish - sealed polyester topcoat - epoxy primer

Gaskets:
- Light engine: Santoprene
- Wiring box: EPDM

Photometric Information:
- CRI: 80
- CCT: 5000K (cool white) 4000K (neutral white) options available consult factory

All values typical unless otherwise stated (tolerance +/- 10%)

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## Reliant™ LED High Bay

IntelliLED™ wireless controls can be easily added to the Reliant™ High Bay with the use of a wireless control card:

### IntelliLED™ Wireless Controls

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Fixture Lumen</th>
<th>Wattage</th>
<th>lm/W</th>
<th>CCT</th>
<th>Lens</th>
<th>Beam Distribution</th>
<th>Controls</th>
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</thead>
<tbody>
<tr>
<td>RRE-4MC2-JDHN-NGN</td>
<td>33,800</td>
<td>232</td>
<td>146</td>
<td>5000K (cool white)</td>
<td>Polycarbonate Clear</td>
<td>Medium</td>
<td>DALI</td>
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<tr>
<td>RRE-4AC2-JDHN-NGN</td>
<td>33,800</td>
<td>232</td>
<td>146</td>
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<tr>
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<tr>
<td>RRE-4MC2-CDHN-NGN</td>
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<tr>
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<tr>
<td>RRE-4MC2-ADHN-NGN</td>
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<td>Medium</td>
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<tr>
<td>RRE-4AC2-ADHN-NGN</td>
<td>10,600</td>
<td>71</td>
<td>149</td>
<td></td>
<td></td>
<td>Asile</td>
<td></td>
</tr>
</tbody>
</table>

All values typical unless otherwise stated (tolerance +/- 10%). Models available up to 160 lm/W with acrylic or glass lens. Please contact a Dialight sales representative.

**Standard hardware options:** bracket with hook, standoff power draw < 1 watt

**DISCLAIMER.** All product information provided is, to the best of Dialight’s knowledge, accurate as of the date of publication. When ordering, refer to [www.dialight.com](http://www.dialight.com) for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at [www.dialight.com](http://www.dialight.com) as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at [www.dialight.com](http://www.dialight.com), the latter shall prevail.
Gateway Controller

The gateway wirelessly integrates fixtures and sensors, offering ground-level control for up to 120 nodes (fixtures and sensors).

Certifications & Ratings
- 5 year warranty
- IP66
- EN 55032
- EN 55016-2-1
- EN 55016-2-3
- EN 61000-3-2
- EN 61000-3-3
- EN 61000-4-2
- EN 61000-4-3
- EN 61000-4-4
- EN 61000-4-5
- EN 61000-4-6
- EN 61000-4-11
- EN 61347-2-11+C1
- EN 61347-1+A1

Technical Specifications:
- Weight: 7.2 kg (15.8 lbs)
- Shipping weight: 8.7 kg (19.2 lbs)
- Operating voltage: 100-277 VAC, 50/60Hz
- Operating temperature: -40°C to +65°C (-40°F to +149°F)
- Ethernet: 10/100/Gb Ethernet
- Wired and WIFI for connectivity/control
- Wireless protocol: 2.4 GHz wireless mesh network
- Maximum nodes*: 120
- Dimensions (WxDxH): 323.5mm x 382mm x 538.84mm
  13.09" x 15" x 21.214"
- Quick disconnect: This device must be connected to a quick disconnect device, such as a circuit breaker

All values typical unless otherwise stated (tolerance +/- 10%)
*Nodes = fixtures and sensors

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAUW24AG</td>
<td>Gateway (GW), wireless controller</td>
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</tbody>
</table>

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Enterprise Server

The Enterprise Server offers the flexibility for complete site-wide lighting management through an easy to use web interface.

Technical Specifications:
- Weight: 1.6 kg (3.5 lbs)
- Shipping weight: 2.2 kg (4.9 lbs)
- Operating voltage: 19.2-28.8 VDC, 65W
- Operating temperature: 0°C to +50°C (+32°F to +122°F)
- Ethernet: 10/100/Gb Ethernet
- Wireless protocol: 2.4 GHz wireless mesh network
- Memory (RAM/SSD): 8 GB DDR3 / 250 GB mSATA
- Dimensions (WxDxH): 162mm x 146.2mm x 49mm (6.4" x 5.75" x 1.93")

Certifications & Ratings
- 2 year warranty
- EN 61000-6-2:2005
- EN 55024:2010
- EN 61000-6-2:2005

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>DACN825AP</td>
<td>Enterprise Server (ES), with wired communication to Gateway</td>
</tr>
</tbody>
</table>

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Occupancy Sensor

Reduce run time and maximize cost savings with standalone battery powered occupancy sensors in standard or wide angle options.

Technical Specifications:
- Weight: 250 g (8.8 oz)
- Shipping weight: 0.7 kg (1.5 lbs)
- Operating temperature: -40°C to +60°C (-40°F to +140°F)
- Power input: 2x “AA” lithium batteries 1.5V
- Mounting: Ceiling or walls at least 900mm to 1500mm (3’ to 5’) height off the ground
- Estimated battery life: 2-5 years (based on usage)
- Radio frequency: 2.4GHz
- Dimensions (DxH): 125mm x 63.5mm (5” x 2.5”) Wide angle - 20°-30°, 1,250 sq ft, 120°
- Long range - 100’ max, 7,600 sq ft, 10°
- Sensing technology: Passive infrared
- Housing: Grey polycarbonate
- Lens: Diffused high density polyethylene

Certifications & Ratings
- 5 year warranty
- IP66
- EN 61000-3-2:2014
- EN 61000-3-3:2013

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<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>WOSU22BG2</td>
<td>Occupancy Sensor, battery powered sensor - wide angle</td>
</tr>
<tr>
<td>WOSU12BG2</td>
<td>Occupancy Sensor, battery powered sensor - long range</td>
</tr>
</tbody>
</table>

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Daylight Harvesting Sensor

Reduce run time and maximize cost savings with standalone AC wired daylight harvesting sensors to control light levels.

Certifications & Ratings
- 5 year warranty
- EN 61347-1:2015
- EN 61000-3-2:2013
- EN 61000-3-3:2013
- EN 61000-3-3:2014
- EN 55015:2013

Technical Specifications:
- Weight: 238 g (10 oz)
- Shipping weight: 0.7 kg (1.5 lbs)
- Operating voltage: 100-277 VAC, 50/60Hz, 100mA max.
- Operating temperature: -25°C to +65°C (-13°F to +149°F)
- Mounting: Ceiling or walls at least 1500mm (5') height from the ground away from direct sunlight or obstructions
- Radio frequency: 2.4GHz
- Object detection: Light
- Dimensions (DxH): 125mm x 63.5mm 5" x 2.5"
- Housing: Grey polycarbonate
- Lens: Polycarbonate
- All values typical unless otherwise stated (tolerance +/- 10%)

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<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>DLHU124UG32</td>
<td>Daylight Harvesting Sensor, standalone, AC wired wired sensor</td>
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</tbody>
</table>

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