ALDDH22LEDGV

APPLICATION
Lumen Series Performance Pendant for low, mid-bay and hi-bay applications.

FEATURES
Domed Fixture Housing (DDH) features a contemporary design and is easy to maintain. Single-stage optical system for smooth light distribution. 27K, 30K, 35K, 40K and 50K available. 85 CRI minimum. Consult factory for high CRI or special applications. LED module and driver designed for ease of maintenance and replacement. Posi-lock reflector retention ring will absorb shocks and impact. Optional safety cable. Variety of optical lenses and mounting methods.

FINISH
Multi-stage polyester powder-coat process applied on our dedicated paint lines. A wide variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion. Reflectors finished matte white inside.

ELECTRONICS
GV LED system features high brightness white Samsung LED’s. 3 step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI, R9 and custom LED configurations are available; consult factory. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION
Spun aluminum housing and reflector with die cast aluminum heat sink and mounting hub.

CODE COMPLIANCE
ARRA Compliant. ETL listed for damp locations. Manufactured and tested to UL Standards No. 1599/8750.

WATTAGE / LUMENS DATA

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>PREVIOUS PART NUMBER EXAMPLE</th>
<th>SOURCE LUMENS</th>
<th>DELIVERED LUMENS</th>
<th>SYSTEM WATTS</th>
<th>LPW</th>
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<tbody>
<tr>
<td>ALDDH22LEDGV110L</td>
<td>ALDDH22LEDGV112W</td>
<td>11000</td>
<td>8897</td>
<td>77</td>
<td>115.54</td>
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<td>ALDDH22LEDGV150L</td>
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<td>ALDDH22LEDGV180L</td>
<td>ALDDH22LEDGV144W</td>
<td>18000</td>
<td>14409</td>
<td>116</td>
<td>124.21</td>
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</tbody>
</table>

EXAMPLE: ALDDH22LEDGV110L27KEXHM36/AL22/BC22CNFR/PT

- Nominal Source Lumen / 3500K
- Nominal Delivered Lumen / 4000K
- Contact Factory for Special Finishes
- See Product Options Page for Details
- See Mounting Page for Details on Components and Finishes
- Specify Length in Inches for Mounting Page for Available Lengths
- Specify Plug Style
- Specify Plug Style
- Specify Plug Style

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
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### DIMMING OPTIONS

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.

<table>
<thead>
<tr>
<th>DIMMING TYPE</th>
<th>SYSTEM</th>
<th>DIMS TO</th>
<th>WIRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS2W1</td>
<td>120v Phase Cut Dimming</td>
<td>ELV or MLV</td>
<td>1%</td>
</tr>
<tr>
<td>DEO11/2</td>
<td>120v/277v 0-10v Low Voltage Dimming</td>
<td>0-10v</td>
<td>.01%</td>
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<tr>
<td>DO101/2</td>
<td>120v/277v 0-10v Low Voltage Dimming</td>
<td>0-10v</td>
<td>1%</td>
</tr>
<tr>
<td>DS101/2</td>
<td>120v/277v 0-10v Low Voltage Dimming</td>
<td>0-10v</td>
<td>10%</td>
</tr>
<tr>
<td>DLTE1</td>
<td>120v Lutron® 2-Wire Phase Cut Dimming</td>
<td>1%</td>
<td>Lutron® Phase Cut</td>
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<tr>
<td>DL33X</td>
<td>120v/277v Lutron® 3-Wire Dimming</td>
<td>1%</td>
<td>Lutron® 3-Wire</td>
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<tr>
<td>DL3EX</td>
<td>120v/277v Lutron® Ecosystem® Dimming</td>
<td>1%</td>
<td>Lutron® Ecosystem®</td>
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<tr>
<td>LDE1</td>
<td>120v/277v Lutron® Ecosystem® Dimming, Fades to Black</td>
<td>1%</td>
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<tr>
<td>LDE5</td>
<td>120v/277v Lutron® Ecosystem® Dimming, Fades to Black</td>
<td>5%</td>
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<tr>
<td>DALI</td>
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<td>DALI</td>
<td>10%</td>
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<tr>
<td>DMX</td>
<td>120v/277v DMX Addressable Lighting Interface</td>
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</tbody>
</table>

**Figure 1.**

2 Wire Phase Dimming

**Figure 2.**

0-10v Dimming

**Figure 3.**

Lutron® Hi Lume

**Figure 4.**

Lutron® EcoSystem®

**Figure 5.**

DALI

**Figure 5.**

DMX

Dimming systems not available on all fixtures. Consult individual specification sheets for availability.

### OTHER CONTROLS

<table>
<thead>
<tr>
<th>OTHER CONTROLS</th>
<th>FOR USE WITH</th>
</tr>
</thead>
<tbody>
<tr>
<td>WZIG Wireless control module to communicate with ZigBee wireless controls.</td>
<td>DS101/2</td>
</tr>
<tr>
<td>BLU Wireless control module Bluetooth low energy.</td>
<td>DS101/2</td>
</tr>
<tr>
<td>MOT Integral motion sensor. Includes dwell time, sensitivity and high/low light level settings.</td>
<td>DS101/2</td>
</tr>
<tr>
<td>PHO Integral photo sensor. Includes dwell time, sensitivity and high/low light level settings.</td>
<td>DS101/2</td>
</tr>
</tbody>
</table>

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Spectrum offers several lens options for visual comfort, light distribution and interior protection.

**Reflector Options**
- **DF** - Diffuse Prismatic Acrylic Refractor
- **PR** - Clear Prismatic Acrylic Refractor
- **OP** - Opal White Acrylic Refractor
- **AL** - Aluminum Reflector

**Poly**
Polycarbonate Refractor Option Available. Specify As: **PR (12", 16", 22") POLY**

**Color**
Color Refractor Options Available. Specify As: **PR (12", 16", 22") (COLOR)**

**Guard / Shield Options**
We offer traditional Flat Wire Guards (WAG), Half-Fixture Wire Guards (HWG) and Reflector Shields (RS). LED Fixtures typically do not require wireguards.

**Face Wire Guards (WAG 12", 16", 22")**
Guard Covers opening of reflector. May be combined with flat lenses OA, FO, PC, PP. Chrome Plated #14 ga wire.

**Half Wire Guard (HWG 12", 16", 22")**
Covers and protects opening of reflector and exterior. Chrome plated #14 ga wire.

**Reflector Shield (RS 12", 16", 22")**
Reflector Shield used on PR refractor minimizes side light output while allowing up light (30%) Finished to match fixture.

**Diffuser Options**
Spectrum offers several lens options for visual comfort, light distribution and interior protection. 2 lens retaining options: **BAND CLAMP** (BC12, BC16, BC22) and **DOOR** (DR12, DR16, DR22)

**CNFR** - Conical Frosted Lens
(Distributes light horizontally with light etch to diffuse output.)

**CN** - Conical Lens
(Distributes light horizontally with clear spread pattern for maximum efficiency.)

**DL** - Drop Lens
(Drop Prismatic Lens for maximum brightness and widest distribution.)

**FO** - Flat Optical
(Matte White Optical Lens for LED. No LED image for maximum efficiency.)

**PP** - Prismatic Polycarbonate
(Classic Prismatic Poly Lens.)

**OA** - Opal Acrylic
(Matte White Acrylic Lens.)

**SC2** - Safety Cable
(Optional 1/16" Stainless steel cable holds door to fixture.)

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SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. 
NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL. 
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.