SOLID STATE AREA LIGHTING

DSD SERIES-LED

SPECIFICATIONS

LUMINAIRE
Upper housing is 0.125” thick formed aluminum. Lower housing is 0.080” thick formed aluminum. Threaded receiver accepts glass diffuser. Glass diffuser is heavy wall tempered prismatic glass available in clear prismatic or prismatic opal. Pendant Mount uses Truelevel ball coupling mount. Wall mount has integrated side mount extruded aluminum arm and cast aluminum wall plate. All hardware is stainless steel.

LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED’s and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube’s internal components.

VERTICAL POWER ARRAY™: LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution.

LED EMITTERS
High Output LED’s are driven at 350mA for nominal 1 Watt output each. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60Hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.
**LED POWER ARRAY™ MODULES**

EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

(Wall Plate)

(Wall Mount)

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>LUMINAIRE-FITTER</th>
<th>OPTICS</th>
<th># of LED's</th>
<th>COLOR</th>
<th>VOLTAGE</th>
<th>MOUNTING</th>
<th>FINISH</th>
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**Ordering Example:**

- **LUMINAIRE-FITTER:** DSD1-LED
- **OPTICS:** VPA
- **# of LED's:** 48
- **COLOR:** NW
- **VOLTAGE:** 120V
- **MOUNTING:** XPK
- **FINISH:**
- **OPTIONS:**

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**DIMMABLE DRIVER (0-10V).**

**HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR.**

**STEM MOUNT + LENGTH(N) (48' MAX).**

**CHAIN MOUNT + LENGTH(N) (48' MAX).**

**DC INTEGRABLE DRIVER.**

**PHOTO CELL + VOLTAGE (EXAMPLE: PC120V).**

**10KV SURGE PROTECTOR.**

**20KV SURGE PROTECTOR (377V & 480V Only).**

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**Specifications subject to change without prior notice.**