Lumination™ LED Luminaires
Downlights Powered by Infusion
DI 6” Round Adjustable Series

Product Description:
Lumination DIA Series LED downlights are powered by the Infusion™ LED module for exceptional efficacy and color rendering. Designed for new construction applications, the DIA6R Adjustable is available in four color temperatures and four lumen packages. Interchangeable optics allow for 15, 25, and 35 degree beam angles. The twist-in Infusion LED module allows for tool-free replacement and upgrade as LED technology advances, ensuring the lowest total cost of ownership.

Performance Summary:
**Distribution Patterns:** Spot, Flood, Wide Flood
**Adjustability:** 30° vertical 359° rotation
**Optics:** 15, 25, and 35°
**Input Voltage:** 120V, 277V
**Standard Dimming Controls:** 0-10V and Lutron ecosystem to 10%
**CCT:** 2700K, 3000K, 3500K, 4000K
**CRI:** 80, 90
**Mounting Options:** Hanger bars for grid or drywall ceilings
**Weight:** 5.1 lb
**IC Rating:** Non-IC Rated
**Limited Warranty:** 5 years system
**Files Available:** LM79, LM80, IES, Revit

<table>
<thead>
<tr>
<th>NOMINAL MODULE LUMENS</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>3000</th>
<th>5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumen Output</td>
<td>630</td>
<td>895</td>
<td>1300</td>
<td>1790</td>
<td>1125</td>
</tr>
<tr>
<td>System Input Power</td>
<td>19</td>
<td>21</td>
<td>27</td>
<td>37</td>
<td>31</td>
</tr>
<tr>
<td>System Efficacy (LPW)</td>
<td>33</td>
<td>43</td>
<td>48</td>
<td>48</td>
<td>36</td>
</tr>
</tbody>
</table>

Listings:
- UL and cUL Listed.
- Suitable for damp locations.
- Suitable for wet locations when used with wet rated reflector.

Ordering Information: A complete fixture consists of a Configured Housing + Reflector
1. Configured Housing – Example: DIA6R20935SP1V10

<table>
<thead>
<tr>
<th>INTERNAL CODE</th>
<th>FIXTURE TYPE</th>
<th>MODULE LUMEN OUTPUT</th>
<th>CRI/CCT</th>
<th>BEAM SPREAD</th>
<th>VOLTAGE</th>
<th>DRIVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIA</td>
<td>6R = 6” Round Adjustable Downlight</td>
<td>10 = 1000 LM 15 = 1500 LM 20 = 2000 LM 30 = 3000 LM</td>
<td>827 = 80 CRI2700K 830 = 80 CRI3000K 835 = 80 CRI3500K 840 = 80 CRI4000K</td>
<td>FL = Flood - 25° WF = Wide Flood - 35°</td>
<td>1V = 120V 2V = 277V</td>
<td>10 = 0-10V Dimming LU = Lutron EcoSystem</td>
</tr>
</tbody>
</table>

Ordering Notes:
1. Spot option available in 1000lm and 827, 830, 840 CCT.
2. Lutron ecosystem only available with 1000 and 1500 Lumen packages.

current
powered by GE
For more information and access to all of our resources, including our design tool visit: www.gelighting.com

**Installation:**
- Universal mounting brackets with over 3” of vertical adjustment accommodate several types of hanger bars
- Accommodates ceilings up to 1.5” thick
- Mount in T-bar grid or drywall ceilings
- LED module twists in at time of trim installation, preventing damage to module during ceiling installation

**Construction:**
- 16 gauge galvanized steel housing
- 16 gauge reflectors resist dents during transporation and installation
- Custom engineered heat sinks for passive cooling at all lumen options
- Galvanized steel junction box with multiple knockouts

**Optical System:**
- Custom engineered reflectors for precise beam distributions and 45° cutoff to light source and source image
- Self-flanged design with white painted or reflector-matching trim
- Standard semi-diffuse finish for ideal combination of optical efficiency and low glare

**Electrical System:**
- Infusion LED module for exceptional performance and tool-free upgradeability
- Standard 0-10V dimming, high efficiency drivers
- Thermal protection feature in module protects LEDs from overheating in abnormal conditions

For more information and access to all of our resources, including our design tool visit: www.gelighting.com

---

**Product Specifications:**

<table>
<thead>
<tr>
<th>SKU</th>
<th>Material Description</th>
<th>Product Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>93019990</td>
<td>RDI6RASDMR</td>
<td>DI Adjustable 6” Round reflector, Semi-diffused, Clear reflector and trim</td>
<td></td>
</tr>
<tr>
<td>93020201</td>
<td>RDI6RASDMRWR</td>
<td>DI Adjustable 6” Round reflector, Semi-diffused, Clear reflector and trim, Wet rated</td>
<td></td>
</tr>
<tr>
<td>93045633</td>
<td>RDI6RASDWT</td>
<td>DI Adjustable 6” Round reflector, Semi-diffused, Clear reflector, White trim</td>
<td></td>
</tr>
<tr>
<td>93045634</td>
<td>RDI6RASDWTWR</td>
<td>DI Adjustable 6” Round reflector, Semi-diffused, Clear reflector, White trim, Wet rated</td>
<td></td>
</tr>
<tr>
<td>93040388</td>
<td>RDI6RAPTWTW</td>
<td>DI Adjustable 6” Round reflector, Painted, White reflector and trim</td>
<td></td>
</tr>
<tr>
<td>93040389</td>
<td>RDI6RAPTWTWWR</td>
<td>DI Adjustable 6” Round reflector, Painted, White reflector and trim, Wet rated</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SKU</th>
<th>Material Description</th>
<th>Product Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>94890</td>
<td>B+3</td>
<td>Hanger Bars</td>
<td>C-Channel, 25 ¼&quot;, pair</td>
</tr>
<tr>
<td>93029452</td>
<td>LCACBAVQRUNGALV</td>
<td>Organic Response Controls</td>
<td>See Organic Response Accessory Kit Literature &amp; Install Manual</td>
</tr>
<tr>
<td>93029451</td>
<td>LCACBAVQNUNGALV</td>
<td>Enlighted Controls</td>
<td>See Enlighted Accessory Kit Literature &amp; Install Manual</td>
</tr>
<tr>
<td>93038296</td>
<td>LCACBAVQTQUNGALV</td>
<td>Daintree Controls</td>
<td>See Daintree Accessory Kit Literature &amp; Install Manual</td>
</tr>
</tbody>
</table>

---

www.currentbyge.com

All trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. Current, powered by GE is a business of the General Electric Company. © 2016 GE.

IND275 (Rev 11/01/16)