8021 ROUND ADJUSTABLE FLAT ACCENT - The VF100 Series of recessed downlight and housing configurations represent the pinnacle of innovation and design of small aperture products for the architectural industry. These fixtures meet and exceed the needs of today’s lighting designers and specifiers for small recessed fixtures that perform.

Measurements in ( ) are metric equivalents.

---

**TRIM ORDERING INFO**

<table>
<thead>
<tr>
<th>TRIM SERIES</th>
<th>LED MODULE INFORMATION</th>
<th>CRI / COLOR</th>
<th>BEAM</th>
<th>TRIM FINISH</th>
<th>LAY-IN LENS / FILM</th>
</tr>
</thead>
<tbody>
<tr>
<td>8021RM</td>
<td>CREE 09C 09W LED / 900lm nom. 14C 14W LED / 1200lm nom. 20C 20W LED / 1600lm nom.</td>
<td>9727 970CR / 2700K Bridgelux Only 9730 970CR / 3000K Bridgelux Only</td>
<td>BRIDGELUX N Narrow 20° M Medium 28° (Use lay-in film for wide distributions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ValuDIM™ N Narrow 17° M Medium 25° (Use lay-in film for wide distributions)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example: **8021-14C-8030-N-MB-CL**

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LF Illumination’s new **ValuDIM™** warm dimming allows the features of warm dimming technology to be installed in fixtures and price points once thought impossible. The small footprint LED COB design uses many of our standard subassembly components and is compatible with virtually all standard dimming protocols currently available.

The LED itself maintains 95CRI typ (92CRI min) across the usable CCT range of 3000K to 2000K and dims down to around 2% visible light output. ValuDIM™ comes in three standard beam spread offerings of narrow, medium and wide.
Specifications

ROUND TRIMMED HOUSING
- Housing of all steel construction
- Adjustable plaster frame
- Black powder coat finish
- Ceiling Cut-out - Ø4.18" (106mm)

ELECTRICAL
- Field-replaceable integral LED driver
- Electrical wiring compartment integrated into housing construction
- Internal thermal protection
- Easy maintenance access through ceiling opening
- Rated for through-branch wiring
- Optional dimming

MOUNTING
- Butterfly brackets for commercial installation in drywall, wood, stone, acoustic tile, or other ceiling types
- Perforated plate adjusts for 1/2", 5/8", 3/4" & 7/8" ceiling thickness
- Includes heavy-duty L-Bars™ hanger bar system for residential installation

LABELS
- Suitable for damp location
- Air-Tight / IC Optional

HOUSING ORDERING INFO

<table>
<thead>
<tr>
<th>SERIES</th>
<th>BRIDGELUX</th>
<th>CREE</th>
<th>ValuDIM™</th>
<th>DRIVER</th>
<th>VOLTAGE</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VFR-1AA-T</td>
<td>11L 11W LED</td>
<td>09C 09W LED</td>
<td>15V 10W LED</td>
<td>D1 Phase Dimming</td>
<td>120V</td>
<td>IC Insulated Ceiling</td>
</tr>
<tr>
<td>VFR-1BA-T</td>
<td>16L 16W LED</td>
<td>14C 14W LED</td>
<td></td>
<td>D2 0-10V Dimming</td>
<td>(120-277V only)</td>
<td>EM Remotely Mounted Emergency LED Inverter</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20C 20W LED</td>
<td></td>
<td>D3 Lutron Hi-lume* Forward Phase</td>
<td>(120V only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D4 Lutron Hi-lume* EcoSystem* &amp; 3 wire (1%)</td>
<td>(120-277V only)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>DE Lutron Hi-lume* EcoSystem* 1% w/Soft-On, Fade-to-Black*</td>
<td>(120-277V only)</td>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>VFR-1BA-T small housing only</td>
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</tbody>
</table>

Ordering Example: VFR-1BA-T-14C-D1-1-IC

Measurements in ( ) are metric equivalents.

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We reserve the right to change or withdraw specifications without prior notice.
**Specifications**

**ROUND TRIMMED REMODEL HOUSING**
- Trim collar and component housing of all steel construction
- Black powder coat finish
- Ceiling Cut-out - Ø4.13"

**LED SOURCE**
- Field-replaceable integral LED module
- Field replaceable optics
  - BRIDGELUX
    - 11W / 825lm (@ 80CRI min / 3000K)
    - 16W / 1100lm (@ 80CRI min / 3000K)
  - CREE
    - 09W / 900lm (@ 80CRI min / 3000K)
    - 14W / 1200lm (@ 80CRI min / 3000K)
  - ValuDIM™
    - 15W LED / 810lm 3000-2000K Warm Dimming

**ELECTRICAL**
- Field-replaceable integral LED driver
- Electrical wiring compartment integrated into housing construction
- Internal thermal protection
- Easy maintenance access through ceiling opening
- Rated for through-branch wiring
- Optional dimming

**MOUNTING**
- Trim collar is secured using torsion spring clips
- Adjustable trim collar accommodates 1/2” to 1” ceiling thickness

**LABELS**
- Suitable for damp location

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### REMODEL HOUSING

**ORDERING INFO**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>BRIDGELUX</th>
<th>CREE</th>
<th>ValuDIM™</th>
<th>DRIVER</th>
<th>VOLTAGE</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VFR-1AR-T</td>
<td>11L 16W LED</td>
<td>09C 09W LED</td>
<td>15V 15W LED</td>
<td>D1 Phase Dim. (120V only)</td>
<td>120V U</td>
<td>EM Remotely Mounted Emergency LED Inverter</td>
</tr>
<tr>
<td>VF100 SERIES</td>
<td>4.50” Round Trimmer Remodel Housing</td>
<td>14C 14W LED</td>
<td></td>
<td>D2 0-10V Dim. Driver (120-277V only)</td>
<td>120-277V</td>
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<tr>
<td>Black finish standard</td>
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<td></td>
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</tr>
</tbody>
</table>

Ordering Example: **VFR-1AR-T-14C-D1-1-EM**

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HEADQUARTERS
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Toll Free: 855-885-1335
Fax: 818-576-1335

www.lfillumination.com
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<table>
<thead>
<tr>
<th>OPTICAL ACCESSORY</th>
<th>DESCRIPTION</th>
<th>LIGHT SOURCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Lens</td>
<td>OPTB-CLR</td>
<td>Ø2.00&quot; (51mm) nom.</td>
</tr>
<tr>
<td>Clear Lens - LED Film</td>
<td>OPTB-L-CLR</td>
<td>Ø2.00&quot; (51mm) nom.</td>
</tr>
<tr>
<td>UV Lens</td>
<td>OPTB-UVL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
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<tr>
<td>Hex Cell Louver</td>
<td>OPTB-HXL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
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<tr>
<td>Diffusion Lens</td>
<td>OPTB-DFL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
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<tr>
<td>Diffusion Lens - LED Film</td>
<td>OPTB-L-DFL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
</tr>
<tr>
<td>Linear Spread Lens</td>
<td>OPTB-LSL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
</tr>
<tr>
<td>Linear Spread Lens - LED Film</td>
<td>OPTB-L-LSL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
</tr>
<tr>
<td>Prismatic Spread Lens</td>
<td>OPTB-PSL</td>
<td>Ø2.00&quot; (51mm) nom.</td>
</tr>
</tbody>
</table>

* Other filters, colored glass, dichroics & micro-lenses available upon request

**LIGHT SOURCE**

- MR16
- CMHMR16
- 50mm LED