Recess 3 inch Classic White Downlight

An elegant solution for a variety of applications. Featuring clean, architectural grade finishes and two high quality white light options, the Recess 3 installs beautifully into all ceiling types, including drywall, stone, and wood and makes every space look its best.

- **Ideal Applications:** Small to Medium-Scaled Spaces
- **Recommended for Ceiling Height:** 8’ – 14’
- **Light Type:** Consistent warm or neutral white, soft ambient light

### 3” DOWNLIGHT PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Shape</th>
<th>Classic White</th>
<th>Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumens:</td>
<td>775</td>
<td>825</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>56</td>
<td>61</td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>1600</td>
<td></td>
</tr>
<tr>
<td>Wattage</td>
<td>15W</td>
<td></td>
</tr>
<tr>
<td>CCT:</td>
<td>2700K or 3000K</td>
<td></td>
</tr>
<tr>
<td>CRI:</td>
<td>90+</td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td>65°</td>
<td></td>
</tr>
</tbody>
</table>

#### Recess 3” Trim Options

- **Round Trimmed:** Trimmed Round Trims
- **Trimless Millwork:** Trimless Millwork
- **Square Trimmed:** Trimmed Square Trims
- **Trimless Millwork:** Trimless Millwork

### 3” DOWNLIGHT PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Layout</th>
<th>Ceiling Height</th>
<th>Light levels at:</th>
<th>Light levels on Work Plane (2.5’ AFF):</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’ x 4’</td>
<td>8’ 10’ 12’ 14’</td>
<td>39 33 29 26 (fc) foot candles</td>
<td></td>
</tr>
<tr>
<td>5’ x 5’</td>
<td>8’ 10’ 12’ 14’</td>
<td>31 28 25 23 (fc) foot candles</td>
<td></td>
</tr>
<tr>
<td>6’ x 6’</td>
<td>8’ 10’ 12’ 14’</td>
<td>24 23 22 20 (fc) foot candles</td>
<td></td>
</tr>
<tr>
<td>8’ x 8’</td>
<td>8’ 10’ 12’ 14’</td>
<td>15 13 11 10 (fc) foot candles</td>
<td></td>
</tr>
</tbody>
</table>

### Average Footcandles

Average light levels are provided in the tables above, for a range of lighting fixture layouts and ceiling heights. All illuminance values are reported in average footcandles (fc) and measured at the workplane, 30” above the floor.

For approximate light level recommendations, please refer to the IES guidelines shown below:

- **Workshop / Tools / Crafts:** 40-100 fc
- **Board Games / Cards:** 20-40 fc
- **Dining:** 5-10 fc
- **Kitchen:** 30-50 fc
- **Computer:** 15-30 fc
- **Media:** 2-20 fc
- **Reading:** 20-50 fc
- **Dressing:** 10-30 fc
- **Corridors / Circulation:** 3-5 fc

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### Seven Easy Steps to Specify

#### 1. Select Housing Type

<table>
<thead>
<tr>
<th>For Ceilings without Insulation</th>
<th>For Insulated Ceilings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Low Profile Housing (FT)</td>
<td>Flat Low Profile Housing - (FC)</td>
</tr>
<tr>
<td>Smallest Available</td>
<td>New Construction / IC Rated Housing</td>
</tr>
<tr>
<td></td>
<td>Rated for Direct Contact with Insulation</td>
</tr>
</tbody>
</table>

#### 2. Select White Light

- **Warm White (C27)**
  - 2700 Kelvin
  - Similar to Incandescent

- **Neutral White (C30)**
  - 3000 Kelvin
  - Similar to Halogen

#### 3. Select Dimming Control Type - Smooth Dimming to 1% Standard

- **0-10V Low Voltage Dimming (IV15A and RV15A)**
  - Compatible with 0-10V Controls

- **Phased Line Voltage Dimming (IP15A)**
  - Compatible with Forward and Reverse Phase Dimmers
HOW TO SPECIFY

Recess 3”
Classic White Downlight

4 Select Shape
Square
Round

5 Select Trim Style For Ceiling Type
Trimmed (F) for All Ceiling Types
Trimless (P) for Sheetrock Ceilings Only (Must be Spackled In)
Millwork (M) for Millwork and Stone Ceilings

6 Select Glass Lens
Solite (S) provided standard
Frosted (F) Medium diffusion for softer light output, approximately 12% less light output

7 Select Trim Finish
White (WH) provided standard
Black (BL)
Statuary Bronze (BZ)
Metalized Grey (GR)
Primer (PR)
Clear Matte Anodized (AC)
Black Anodized (AB)

See Next Page For How to Specify
### How to Specify

**Recess 3” Classic White Downlight**

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Light Fixture Type</th>
<th>LED + Control</th>
<th>Options</th>
<th>Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAI</td>
<td>3DL</td>
<td>D1</td>
<td>L</td>
<td>00</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>3DL 3” Downlight, 15W</td>
<td>D1 Fixed Downlight</td>
<td>L 65° Beam</td>
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<tr>
<td></td>
<td></td>
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<td>F Trimm</td>
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<td></td>
<td>Lens</td>
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<td></td>
<td></td>
<td>Finish</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Version</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FT Flat Housing New Construction</td>
<td>C27 Warm White 2700K High 90+ CRI IP15A Integral Phase Dimming Driver, to 1% 120V only, 15W R Trimmed P Trimless Square M Millwork</td>
<td>WH White (provided standard) BL Black BZ Statuary Bronze GR Metalized Grey</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td>FC Flat Housing New Construction / IC Rated Housing / Artight</td>
<td>C30 Neutral White 3000K High 90+ CRI RV15A Remote 0-10V Dimming Driver, to 1% 120V-277V, 15W</td>
<td>S Solite Textured Glass (provided standard) F Frosted Glass</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RT Trimmed Only Retrofit from below ceiling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RT Trimmed Only Retrofit from below ceiling</td>
<td>C27 Warm White 2700K High 90+ CRI IP15A Integral Phase Dimming Driver, to 1% 120V only, 15W</td>
<td>R Round S Square</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>F Trimmed Only (Retrofit Housing)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>S Square</td>
<td></td>
</tr>
</tbody>
</table>

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RECESS 3 SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE
is serviceable through the aperture without tools. All USAI Lighting Classic White light engines feature industry leading color consistency within a 2-Step MacAdam’s ellipse.

FIELD REPLACEABLE DRIVER
Driver complies with IEEEEC62.41 surge protection. Multiple dimming driver options are available; some on-time delay may be experienced, depending on control system used.

HOUSING:
Fabricated of 20 ga. galvanized steel with thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring. IC-rated housings for use with 14W light engines only are rated for direct contact with insulation of R-42 or less.

MOUNTING:
Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

CEILING CUT OUT:
Round: 3-1/2" Ø
Square: 3-1/2" x 3-1/2"

LISTINGS:
Dry/Damp. Wet location option available with WH, BL, BZ, GR and PR trims only. NRTL/CSA-US tested to UL standards. IBEW union made.  

NOTES:
• Not for use in corrosive environment.
• Use of pressure washer voids warranty.

PHOTOMETRICS:
Consult factory or website for IES files. Tested in accordance with IESNA LM79.