Warm Glow Dimming Adjustable

An elegant solution for a variety of applications. Featuring clean, architectural grade finishes and beautiful light that shifts to warm as you dim, 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:** White light that shifts to warm as you dim, indistinguishable from incandescent

### 3” ADJUSTABLE PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Shape</th>
<th>Round</th>
<th>Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumens:</td>
<td>625</td>
<td>625</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>34</td>
<td>34</td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>950</td>
<td></td>
</tr>
<tr>
<td>Wattage</td>
<td>18W</td>
<td></td>
</tr>
<tr>
<td>CCT:</td>
<td>3000K dimmable to 2200K</td>
<td></td>
</tr>
<tr>
<td>CRI:</td>
<td>90+</td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td>30°</td>
<td>Narrow Beam / Adjustable</td>
</tr>
</tbody>
</table>

### 4’ x 4’ LAYOUT

- **CEILING HEIGHT:** 8’ 10’ 12’ 14’
- **Light levels at Work Plane (2.5’ AFF):** 40 36 33 30 foot candles

### 5’ x 5’ LAYOUT

- **CEILING HEIGHT:** 8’ 10’ 12’ 14’
- **Light levels at Work Plane (2.5’ AFF):** 33 29 27 25 foot candles

### 6’ x 6’ LAYOUT

- **CEILING HEIGHT:** 8’ 10’ 12’ 14’
- **Light levels on Work Plane (2.5’ AFF):** 21 21 21 20 foot candles

### 8’ x 8’ LAYOUT

- **CEILING HEIGHT:** 8’ 10’ 12’ 14’
- **Light levels on Work Plane (2.5’ AFF):** 17 14 13 12 foot candles

### 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.

### Ideal Applications

- **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

**Spacing Criteria = 0.54**
**Six Easy Steps to Specify**

**Select Housing Type**

1. **For Ceilings without Insulation**
   - **New Construction (NC)**
   - **Select Housing Type**: 5 1/2" x 10 1/4" x 6 1/2"
   - **1" Max Ceiling Thickness**

2. **For Insulated Ceilings**
   - **New Construction / IC Rated Housing (IC)**
   - **Rated for Direct Contact with Insulation**
   - **Select Housing Type**: 5 1/2" x 10 1/4" x 6 1/2"
   - **1" Max Ceiling Thickness**

**Select Dimming Control Type - Smooth Dimming to 1% Standard**

- **0-10V Low Voltage Dimming (IV18A)**
  - Compatible with 0-10V Controls

- **Phased Line Voltage Dimming (IP18A)**
  - Compatible with Forward and Reverse Phase Dimmers

**Select Shape**

- **Square**
- **Round**
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

Select Glass Lens

- **Solite (S)** provided standard
- **Frosted (F)**

Select Trim Finish

- **White (WH)** provided standard
- **Black (BL)**
- **Statuary Bronze (BZ)**
- **Metalized Grey (GR)**
- **Primer (PR)**
- **Clear Matte Anodized (AC)**
- **Black Anodized (AB)**

How to Specify

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Light Fixture Type</th>
<th>LED + Control</th>
<th>Wattage Driver</th>
<th>Shape</th>
<th>Style</th>
<th>Options</th>
<th>Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAI Lighting</td>
<td>3DL 3&quot; Downlight, 18W</td>
<td>WD1</td>
<td>IP18A Integral Phase Dimming Driver, to 1% 120V only, 18W</td>
<td>R Round</td>
<td>F Trimmed</td>
<td>E 30° Beam</td>
<td>00</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>3DL 3&quot; Downlight, 18W</td>
<td>WD1</td>
<td>IV18A Integral 0-10V Dimming Driver, to 1% 120V-277V, 18W</td>
<td>S Square</td>
<td>P Trimless</td>
<td>WH</td>
<td>00</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>3DL 3&quot; Downlight, 18W</td>
<td>WD1</td>
<td>Warm Glow Dimming from 3000K, 90+ CRI at 100% output to 2200K at lowest output</td>
<td></td>
<td>M Millwork</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
RECESS 3 SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE
is serviceable through the aperture without tools. All USAI Lighting Warm Glow dimming light engines feature industry leading color consistency.

FIELD REPLACEABLE DRIVER
Driver complies with IEEEC62.41 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.