Recess 3”
Color Select Tunable White Downlight

An elegant solution for a variety of applications. Featuring clean, architectural grade finishes and a smooth transition from cool white light to warm, 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:** Tunable White light from warm candlelight (2200K) to bright daylight (6000K)

### Recess 3” Downlight Performance Data

<table>
<thead>
<tr>
<th>Color Temperature</th>
<th>2200K</th>
<th>2700K</th>
<th>3000K</th>
<th>3500K</th>
<th>4000K</th>
<th>5000K</th>
<th>6000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumens:</td>
<td>850</td>
<td>900</td>
<td>925</td>
<td>950</td>
<td>975</td>
<td>1025</td>
<td>1050</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>46</td>
<td>47</td>
<td>52</td>
<td>54</td>
<td>55</td>
<td>57</td>
<td>59</td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>1100</td>
<td>1175</td>
<td>1200</td>
<td>1250</td>
<td>1300</td>
<td>1350</td>
<td>1375</td>
</tr>
<tr>
<td>Wattage</td>
<td>18W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCT:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2200K</td>
<td>6000K</td>
</tr>
<tr>
<td>CRI:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>80+</td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Wide Beam / Straight Down**

### Spacing Criteria = 0.80

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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**How to Specify**

**Recess 3” Color Select Tunable White Downlight**

**Five Easy Steps to Specify**

1. **Select Housing Type**
   - For Ceilings without Insulation
     - New Construction (NC)

2. **Select Shape**
   - Square
   - Round

3. **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

4. **Select Glass Lens**
   - Solite (S) provided standard
     - Light diffusion with the most efficiency
   - Frosted (F)
     - Medium diffusion for softer light output, approximately 12% less light output
# Color Select Tunable White Downlight

## How to Specify

### Select Trim Finish

<table>
<thead>
<tr>
<th>White (WH) provided standard</th>
<th>Black (BL)</th>
<th>Statuary Bronze (BZ)</th>
<th>Metalized Grey (GR)</th>
<th>Primer (PR)</th>
<th>Clear Matte Anodized (AC)</th>
<th>Black Anodized (AB)</th>
</tr>
</thead>
</table>

### How to Specify

<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 Lighting</td>
<td>3DL 3” Downlight, 18W</td>
<td>TW1 Color Select Tunable White from 2200K to 6000K, continuously variable through 0-10V controls by others</td>
<td>IV18A Integral 0-10V Dimming Driver, to 1% 120V-277V, 18W</td>
<td>00</td>
</tr>
</tbody>
</table>

## Manufacturer Options

- **3DL**
- **D1**
- **NC**
- **TW1**
- **IV18A**
- **S** Solite Textured Glass (provided standard)
- **F** Frosted Glass

## Revision Options

- **WH** White (provided standard)
- **BL** Black
- **BZ** Statuary Bronze
- **GR** Metalized Grey
- **PR** Primer
- **AC** Clear Matte Anodized
- **AB** Black Anodized
RECESS 3 SPECIFICATIONS

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

FIELD REPLACEABLE DRIVER
Driver complies with IEEE C62.41 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.