Recess Pinhole Classic White Adjustable

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

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

### Pinhole Adjustable Performance Data

<table>
<thead>
<tr>
<th>Shape</th>
<th>Classic White</th>
<th>Round</th>
<th>Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumens:</td>
<td>800</td>
<td>525</td>
<td></td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>58</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>1400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wattage:</td>
<td>15W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCT:</td>
<td>2700K or 3000K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRI:</td>
<td>90+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td>25°</td>
<td>Narrow Beam / Adjustable</td>
<td></td>
</tr>
</tbody>
</table>

### 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:** 20 fc

**Reading:** 20-50 fc
**Dressing:** 10-30 fc
**Corridors / Circulation:** 3-5 fc

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.
## Seven Easy Steps to Specify

### Select Housing Type

<table>
<thead>
<tr>
<th>For Ceilings without Insulation</th>
<th>For Insulated Ceilings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Construction Housing (NC)</strong></td>
<td><strong>Insulation Contact - Rated for Direct (IC)</strong></td>
</tr>
<tr>
<td>Contact with Insulation Materials</td>
<td>Contact with Insulation Materials</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>For Ceilings without Insulation</th>
<th>For Insulated Ceilings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; 4-1/8&quot; 8-1/2&quot; 7-5/8&quot; 12-5/8&quot; 16-1/8&quot;</td>
<td>1&quot; 4-13/16&quot; 11-1/4&quot; 6-3/4&quot;</td>
</tr>
</tbody>
</table>

### Select White Light

- **Warm White (C27)**: 2700 Kelvin
  - Similar to Incandescent
- **Neutral White (C30)**: 3000 Kelvin
  - Similar to Halogen

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

- **0-10V Low Voltage Dimming (IV15A)**: Compatible with 0-10V Controls
- **Phased Line Voltage Dimming (IP15A)**: Compatible with Forward and Reverse Phase Dimmers
## How to Specify

### Classic White Adjustable

**Recess Pinhole**

1. **Select Shape**
   - Round
   - Square

2. **Select Trim Style For Ceiling Type**
   - Trimmed (F) for All Ceiling Types
   - Flush Mount (P) for Sheetrock Ceilings Only (Must be Spackled In)

3. **Select Glass Lens**
   - Solite (S) provided standard
   - Frosted (F)
     - Medium diffusion with the most efficiency

4. **Select Trim Finish**
   - White (WH) provided standard
   - Black (BL)
   - Statuary Bronze (BZ)
   - Metalized Grey (GR)
   - Primer (PR)

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### 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>2DL Pinhole Adjustable 15W</td>
<td>C27 Warm White 2700K High 90+ CRI</td>
<td>IP15A Integral Phase Dimming Driver, to 1% 120V only, 15W</td>
<td>WH</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>A1 Adjustable Tilt and Aim Downlight</td>
<td>C30 Neutral White 3000K High 90+ CRI</td>
<td>IV15A Integral 0-10V Dimming Driver, to 1%, 120V-277V, 15W</td>
<td>BL</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>NC New Construction Housing</td>
<td>R Round</td>
<td>F Trimmed P Trimless / Flush Mount</td>
<td>BZ</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>IC Insulation Contact Rated / Artlight</td>
<td>S Square</td>
<td>S Solite Textured Glass (provided standard)</td>
<td>GR</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td></td>
<td>D 25° Beam</td>
<td>F Frosted Glass</td>
<td>PR</td>
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</table>
RECESS PINHOLE SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE
is serviceable through the aperture with a Philips screwdriver. All USAI Lighting LED light engines feature industry-leading color consistency. Classic white light engines maintain perfectly white light in all conditions.

FIELD REPLACEABLE DIMMING DRIVER
is serviceable from below the ceiling through the aperture. Each solid state electronic constant current driver has a high power factor and sources 2mA. Drivers comply with IEEE C62.41 surge protection. Some on-time delay may be experienced depending on control system used.

FIXTURE WEIGHT
Standard housing with trim weighs 5.5 lbs, 15W IC housing weighs 10 lbs.

HOUSING
Universal housing style allows the ability to swap trim styles between Downlight, Adjustable and Wall Wash. Fabricated of 18 ga. black powder coated steel with thru wire J-box, 2 in 2 out at min, 90°C, #12 AWG thru branch circuit wiring. IC housings are rated for direct contact with insulation up to R30 or less.

MOUNTING
Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14” to 24” centers. Channel bars optionally available for dropped ceiling installation.

CEILING CUT OUT
3-5/8" Ø

LISTINGS
Dry/Damp/Wet. NRTL/CSA-US Tested to UL Standards. IBEW Union made. NC housing is UL2043 rated for use in Air Handling Plenum.

NOTES
• Not for use in corrosive environment
• Use spackle collar accessory for flush-mount, spackle-in sheetrock applications
• Interior use only.

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