Recess 4.5”
Classic White Adjustable

Recess 4.5 inch 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 4.5 installs beautifully into all ceiling types, including drywall, stone, and wood and makes every space look its best.

- **Ideal Applications:** Medium to Large-Scaled Spaces
- **Recommended for Ceiling Height:** 14’ – 20’
- **Light Type:** Consistent warm or neutral white, soft ambient light

### 4.5” 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>1350</td>
<td>1400</td>
<td></td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>56</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>1875</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wattage:</td>
<td>24W</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>

### Photograph: Jess Ross Photography (non-transferrable)

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

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

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

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

For Ceilings without Insulation

New Construction (NC)

Retrofit Housing (RT)
Installs From Below in Existing Ceiling

For Insulated Ceilings

New Construction / IC Rated Housing (IC)
Rated for Direct Contact with Insulation

Select White Light

Warm White (C27)

Neutral White (C30)

Select Dimming Control Type - Smooth Dimming to 1% Standard

0-10V Low Voltage Dimming (IV24A)

Phased Line Voltage Dimming (IP24A)

Compatible with 0-10V Controls

Compatible with Forward and Reverse Phase Dimmers
# HOW TO SPECIFY

## Recess 4.5” Classic White Adjustable

### 4 Select Shape

<table>
<thead>
<tr>
<th>Square</th>
<th>Round</th>
</tr>
</thead>
</table>

### 5 Select Trim Style For Ceiling Type

<table>
<thead>
<tr>
<th>Trimmed (F) for All Ceiling Types</th>
<th>Trimless (P) for Sheetrock Ceilings Only (Must be Spackled In)</th>
<th>Millwork (M) for Millwork and Stone Ceilings</th>
</tr>
</thead>
</table>

### 6 Select Glass Lens

<table>
<thead>
<tr>
<th>Solite (S) provided standard</th>
<th>Frosted (F) Medium diffusion for softer light output, approximately 12% less light output</th>
</tr>
</thead>
</table>

### 7 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>

See Next Page For How to Specify
## HOW TO SPECIFY

### Recess 4.5”
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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>4DL 4.5” Downlight, 24W</td>
<td>C27 Warm White 2700K High 90+ CRI</td>
<td>D 25° Beam</td>
<td>00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C30 Neutral White 3000K High 90+ CRI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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RECESS 4.5 SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE
is serviceable through the aperture without tools or with a Philips screwdriver. All USAI Lighting light engines feature industry-leading color consistency.

FIELD REPLACEABLE DRIVER
All integral dimming drivers are located within the fixture housing and are serviceable from below the ceiling through the aperture. Some on-time delay may be experienced depending on control system used. All dimming drivers comply with IEEE C62.41 surge protection.

HOUSING
All Recess 4.5 fixtures are field-flexible which allow for field changes from trimless or millwork to trimmed with a simple components change with parts from USAI. housings are fabricated of 20 ga. steel construction with thru wire J-box, 4 in 4 out at min. 90°F, #12 AWG thru branch circuit wiring.

ADJUSTMENT
362° horizontal locking in 90° increments.

FIXTURE WEIGHT
FT and RT housings weigh 8 lbs. IC housings weigh 16 lbs.

CEILING CUT OUT
Trimmed with Overlap Flange Round: 5-1/16" Ø
Trimmed with Overlap Flange Square: 5-1/16" x 5-1/16"
Trimless Spackle-in Round: 5-1/2" Ø
Trimless Spackle-in Square: 5-1/2" x 5-1/2"
Millwork: Knife-edge Round: 4-15/16" Ø
Millwork: Knife-edge Square: 4-15/16" x 4-15/16"
Retrofit Round: 5-1/2" Ø
Retrofit Square: 5-1/2" x 5-1/2"

LISTINGS
Dry/Damp/Wet location. AC and AB trim finishes are dry/damp only. UL2043 rated for use in air handling plenums. 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.