Recess 4.5”
Color Select Tunable White Wall Wash

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 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:** Tunable White light from warm candlelight (2200K) to bright daylight (6000K)

4.5” WALL WASH 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>1025</td>
<td>1125</td>
<td>1175</td>
<td>1225</td>
<td>1275</td>
<td>2150</td>
<td>2250</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>34</td>
<td>38</td>
<td>39</td>
<td>41</td>
<td>43</td>
<td>44</td>
<td>46</td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>1800</td>
<td>2000</td>
<td>2075</td>
<td>2150</td>
<td>2250</td>
<td>2350</td>
<td>2450</td>
</tr>
<tr>
<td>Wattage</td>
<td>32W</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></td>
<td></td>
</tr>
<tr>
<td>CRI:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td>Wall Wash</td>
<td>Fixed Asymmetric</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PHOTOMETRIC DATA

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 wall at heights indicated.
HOW TO SPECIFY

Recess 4.5”
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Four Easy Steps to Specify

1. Select Housing Type

For Ceilings without Insulation

New Construction (NC)

For Insulated Ceilings

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

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 Trim Finish

White (WH) provided standard

Black (BL)

Statuary Bronze (BZ)

Metalized Grey (GR)

Primer (PR)

Clear Matte Anodized (AC)

Black Anodized (AB)

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# How to Specify

## Recess 4.5”

Color Select Tunable White Wall Wash

## 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</td>
<td>4DL</td>
<td>TW1</td>
<td>X</td>
<td>00</td>
</tr>
<tr>
<td>USAI Lighting</td>
<td>4DL</td>
<td>TW1</td>
<td>X</td>
<td>00</td>
</tr>
<tr>
<td>4.5” Downlight, 32W</td>
<td>Fixed Asymmetric Wall Wash</td>
<td>WC32A</td>
<td>X</td>
<td>00</td>
</tr>
<tr>
<td>New Construction Housing</td>
<td>Color Select Tunable White from 2200K to 6000K, continuously variable through 0-10V controls by others</td>
<td>WH</td>
<td>X</td>
<td>00</td>
</tr>
<tr>
<td>New Construction / IC Rated Housing / Artight</td>
<td>Integral 0-10V Dimming Driver, to 1%</td>
<td>WH</td>
<td>X</td>
<td>00</td>
</tr>
<tr>
<td>0-10V, 32W</td>
<td>R Round</td>
<td>M Multi</td>
<td>WH White (provided standard)</td>
<td></td>
</tr>
<tr>
<td>Shape</td>
<td>S Square</td>
<td>Diffusion</td>
<td>BL Black</td>
<td></td>
</tr>
<tr>
<td>Style</td>
<td>Trimmed P Trimless</td>
<td>M Millwork</td>
<td>BZ Statuary Bronze</td>
<td></td>
</tr>
<tr>
<td>Beam Spread</td>
<td>Wall Wash</td>
<td>AC Clear Matte Anodized</td>
<td>GR Metalized Grey</td>
<td></td>
</tr>
<tr>
<td>Lens</td>
<td>Finish</td>
<td>AB Black Anodized</td>
<td>PR Primer</td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Version</td>
<td>AC Clear Matte Anodized</td>
<td>PR Primer</td>
<td></td>
</tr>
<tr>
<td>Version</td>
<td></td>
<td></td>
<td>AB Black Anodized</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°C, #12 AWG thru branch circuit wiring.

Adjustment
362° horizontal locking in 90° increments.

Fixture Weight
NC and 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"

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.