**ID+ 4.5" Trimless**

**LED WALL WASH**

**DIMENSIONAL DATA**

**Wall Wash**

- **Wall Wash size:**
  - 12.34" x 7.00"
  - 313.4mm x 177.8mm

- ** Dimensions:**
  - 129.3mm
  - 177.8mm

**Trim**

- **Trim size:**
  - 11.02" x 5.09"
  - 279.9mm x 129.3mm

**FEATURES**

- **Field adjustability of ceiling thickness from 0.5" to 3.0".**
- **50° cutoff to light source and its image.**
- **Right Light:** Standard delivered lumen outputs 1000, 1500, 2000, 2500, and 3000.
- **Warm Dim:** Lighting that enhances spaces with a warm glow, reminiscent of incandescent or halogen light sources.
- **PoE compatible:** Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

**PERFORMANCE**

**Lumen Output:** 1500lm
- **Total System Watts:** 19W
- **Spacing Criterion:** 0.66

**Lumen Output:** 3000lm
- **Total System Watts:** 36W
- **Spacing Criterion:** 0.68

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.
HOUSING DETAILS

Standard
IC/Chicago Plenum

HOUSING SPECIFICATIONS

Construction
Thermally protected housing for new construction applications. Insulation to be kept 3" away from housing. Type IC inherently protected, suitable for direct contact with insulation. Butterfly brackets allow mounting to 1/2" emt. Order bar hangers as an accessory. Die-cast aluminum heat sink designed for maximum thermal dissipation. Die-formed housing and integral junction box with (7) 1/2" pre-outs. T-rated: UL & cUL Listed for (6) #14 AWG (3 in, 3 out) 90˚C conductors and feed through–branch wiring. IC/CP housing: UL & cUL Listed for (8) #12 AWG (4 in, 4 out) 90˚C conductors and feed through–branch wiring for IC/CP housing. Accommodates ceiling thicknesses up to 0.5” standard, field adjustable up to 3.0” thickness. For thicker ceiling consult factory. Order TZB option for TechZone compatible housing brackets. T-rated housing will not exceed 6lb, IC/CP housing will not exceed 12lb.

Electrical
Choice of constant current dimming drivers. Power factor > .9 typical. PoE compatible. Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Labels
UL and cUL Listed. Suitable for Dry, Damp or Wet Locations, indoor use only. Specify Outdoor rated (OD) for outdoor recessed ceiling applications.

Lumen Maintenance
Reported: L70 at >56,000 hours
Calculated: L70 at 204,000 hours
L90 at >55,000 hours
L90 at 59,000 hours
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

Reliability
At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty
LED System rated for operation in ambient environments up to 25°C. 5-year limited warranty. Fixture with Outdoor rated option must be installed in a covered ceiling and is warrantied for 5 years for operation in ambient environments between -20°C to +40°C.

TRIM & LED SPECIFICATIONS

LED System
Proprietary array incorporates premium LEDs on a robust platform. May be specified in 2700K, 3000K, 3500K or 4000K, 80+ CRI or 90+ CRI. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. Color accuracy within 2 SDCM. Aluminum heat sink provides appropriate thermal management.

Aesthetics
Parabolic reflector cone ensures glare free optics. Reflector is .050” spun aluminum. Torsion springs pull trim tight to the ceiling with no visible fasteners.

Optics
50-degree cut-off to light source and its image. Wall wash features acrylic diffuser to provide smooth illumination down the wall.

PERFORMANCE CHART

<table>
<thead>
<tr>
<th>Lumen Output</th>
<th>Delivered Lumens</th>
<th>System Watts</th>
<th>LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000L</td>
<td>978</td>
<td>11</td>
<td>86</td>
</tr>
<tr>
<td>1500L</td>
<td>1471</td>
<td>19</td>
<td>77</td>
</tr>
<tr>
<td>1500L</td>
<td>1360</td>
<td>25</td>
<td>54</td>
</tr>
<tr>
<td>2000L</td>
<td>1954</td>
<td>26</td>
<td>76</td>
</tr>
<tr>
<td>2000L</td>
<td>1914</td>
<td>37</td>
<td>52</td>
</tr>
<tr>
<td>2500L</td>
<td>2384</td>
<td>32</td>
<td>74</td>
</tr>
<tr>
<td>3000L</td>
<td>2860</td>
<td>36</td>
<td>79</td>
</tr>
</tbody>
</table>

Based on 3500K, 80 CRI. White: WDM base on 3000 - 1800K, 90 CRI. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

HOUSING ORDERING

<table>
<thead>
<tr>
<th>Housing Series</th>
<th>LED System</th>
<th>Trim Type</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID+ 4.5&quot; Round Wall Wash</td>
<td>FLC4W</td>
<td>Round Trimless</td>
<td>SW</td>
</tr>
<tr>
<td>Trim Type</td>
<td>RT</td>
<td></td>
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<tr>
<td>Color Options</td>
<td>WDM</td>
<td></td>
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<table>
<thead>
<tr>
<th>Lumen Output</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 Lumens</td>
<td>1500L</td>
</tr>
<tr>
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<td>1500L</td>
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<tr>
<td>2000 Lumens</td>
<td>2000L</td>
</tr>
<tr>
<td>2500 Lumens</td>
<td>2500L</td>
</tr>
<tr>
<td>3000 Lumens</td>
<td>3000L</td>
</tr>
</tbody>
</table>

Not available with LTE or LFP.

Voltage
UNV 120V/277V
UNV 120V
277V 277

Warranty
IC housing: UNV 1000L only.
IC housing only. Not available with LFP or LTE.

Control System & Dimming Level
0-10V - 0% Dimming
0-10V - 1% Dimming
0-10V - 10% Dimming
Low Voltage, PoE compatible
No driver. LV Voltage only.
Forward Phase
(120V/only)
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming
Lutron Hi-Lume - Forward Phase - 1% Dimming
LTE
DALI - 0% Dimming
DALI - 1% Dimming
Housing Type
IC Rated / Airtight
Thermally Protected, Non-IC
Thermally Protected, Non-IC Wood
(Wood ceiling installation kit required)

Factory Options
Bar Hangers
Chicago Plenum / National Plenum
Outdoor Rated
(LD1 driver only. IC housing 1500L max. Consult factory for dimming range.)

TRIM & LED MODULE

Aperture
4.5" Round Reflector
LC4
4.5" Round Reflector - Airtight
LC4AT

Trim Type
Round Trimless
RT

Lumen Output
(Trim & Housing output must match)
1000 Lumens
1000L
1500 Lumens
1500L
2000 Lumens
2000L
2500 Lumens
2500L
3000 Lumens
3000L

Color Temperature
2700K, 80+ CRI or 90+ CRI
27K or 927K
3000K, 80+ CRI or 90+ CRI
30K or 930K
3500K, 80+ CRI or 90+ CRI
35K or 935K
4000K, 80+ CRI or 90+ CRI
40K or 940K
Warm Dim: 2700-1800K, 90+ CRI
92718W
Warm Dim: 3000-1800K, 90+ CRI
93018W

Optic
Wall Wash
WW

Color
Clear Diffuse
CD
Warm Diffuse
WD
Black
BK
White
WH

ACCESSORIES

Wood Ceiling Installation Kit
(LC4-WOOD-KIT recommended for 10 downlights)

Options in orange qualify for the Quickship program. 5-day up to 100 pieces. Refer to Quickship Guide for complete details.

Focal Point LLC reserves the right to change specifications for product improvement without notification.