# ID+ 4.5" x 4.5" Trimless

**LED WALL WASH**

FOCAL POINT®

clear diffuse

warm diffuse

white

black

overlap companion

## DIMENSIONAL DATA

### Wall Wash

11.92
302.8mm

4.49"
114.0mm

0.54"

4.89"
124.2mm

7.00"
177.8mm

11.02"
279.9mm

### Trim

4.92"
125.0mm

5.14"
130.5mm
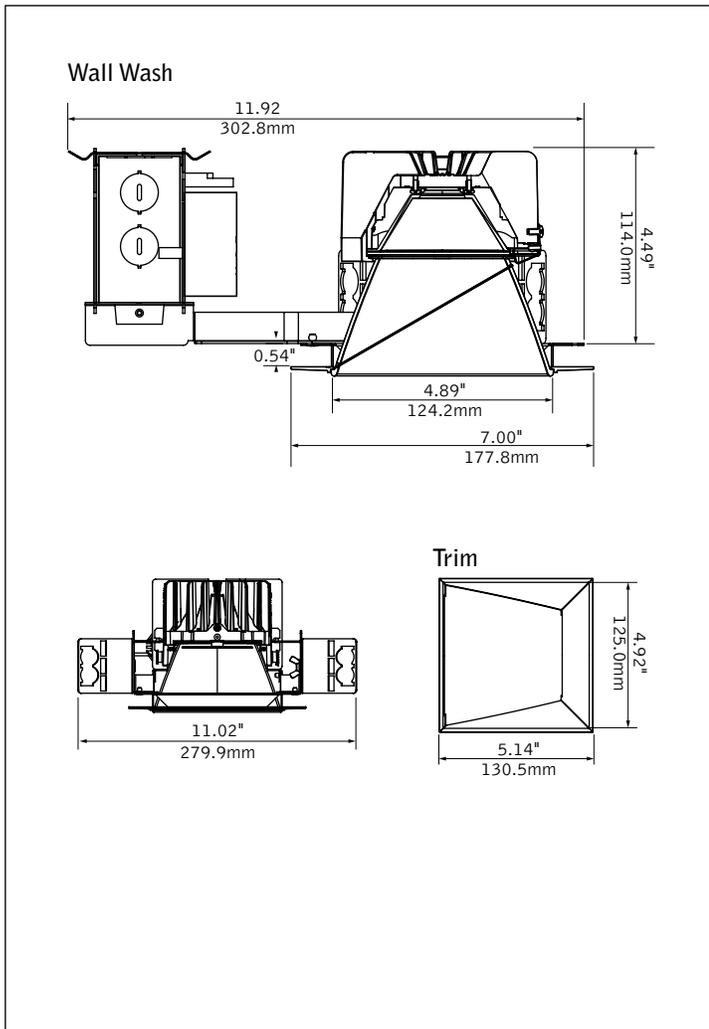
## FEATURES

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, and 2500.

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: 23W**

**Spacing Criterion: 0.90**

**Lumen Output: 2500lm**

**Total System Watts: 36W**

**Spacing Criterion: 0.90**

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

## HOUSING DETAILS

Standard | IC/Chicago Plenum

L x W x H
12.21" x 11.02" x 5.31"

L x W x H
16.85" x 11.45" x 6.13"
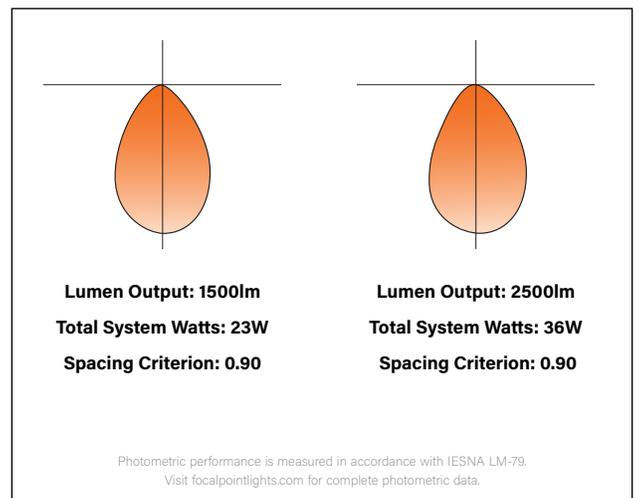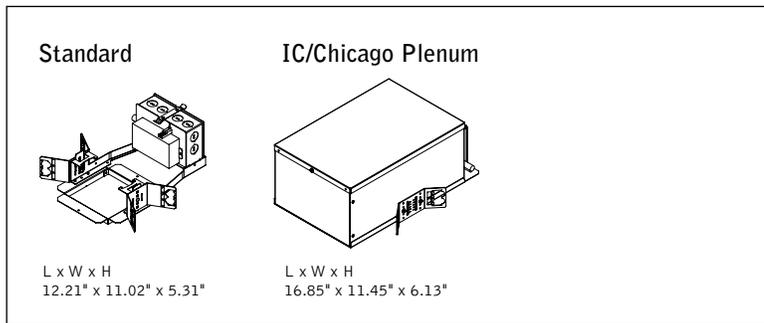
## HOUSING SPECIFICATIONS

### 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" pry-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 >55,000 hours
L90 at >55,000 hours

Calculated: L70 at 204,000 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 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

Torsion springs pull single molded die-cast trim right to the ceiling with no visible fasteners within the trim.

### 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

| Lumen Output | Delivered Lumens | System Watts | LPW |
|---|---|---|---|
| 1000L | 1006 | 15 | 67 |
| (WD) 1000L | 1096 | 25 | 43 |
| 1500L | 1504 | 23 | 67 |
| (WD) 1500L | 1549 | 37 | 42 |
| 2000L | 2000 | 31 | 65 |
| (WD) 2000L | 1740 | 39 | 45 |
| 2500L | 2411 | 36 | 67 |

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

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

## HOUSING ORDERING

| | | |
|---|---|---|
| **Housing Series** | | **FLC44W** |
| ID+ 4.5" Square Wall Wash | FLC44W | |
| **Trim Type** | | **ST** |
| Square Trimless | ST | |
| **Color Options** | | _____ |
| Standard White, 80 & 90 CRI | SW | |
| Warm Dim | WDM | |
| (1000 & 1500 lumens only for 3000-1800K. 1500 & 2000 lumens only for 2700-1800K. UNV not available.) | | |
| **Lumen Output** | | _____ |
| 1000 Lumens | 1000L | |
| 1500 Lumens | 1500L | |
| 2000 Lumens | 2000L | |
| 2500 Lumens | 2500L | |
| (Not available with LTE or LFP) | | |
| **Voltage** | | _____ |
| UNV 120V/277V | UNV | |
| (IC housing only. Not available with LFP or LTE.) | | |
| 120V | 120 | |
| 277V | 277 | |
| Low Voltage | LV | |
| (IC housing: 1500L max. T & TW housings not available.) | | |
| **Control System & Dimming Level** | | _____ |
| 0-10V - 0% Dimming | LZ1 | |
| 0-10V - 1% Dimming | L11 | |
| 0-10V - 10% Dimming | LD1 | |
| Low Voltage, PoE compatible | LVN | |
| (No driver. IC housing only. LV Voltage only.) | | |
| Forward Phase | LFP | |
| (120V only) | | |
| Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming | LH1 | |
| Lutron Hi-Lume - Forward Phase - 1% Dimming (120V only) | LTE | |
| DALI - 0% Dimming | DZ1 | |
| DALI - 1% Dimming | D11 | |
| **Housing Type** | | _____ |
| IC Rated / Airtight | IC | |
| (L11, LD1, LVN, LH1 1500L max. LZ1, D11, DZ1, LFP, 1000L max. LTE not available. LC44AT required for Airtight) | | |
| Thermally Protected, Non-IC | T | |
| Thermally Protected, Non-IC Wood | TW | |
| (Wood ceiling installation kit required) | | |
| **Factory Options** | | |
| Bar Hangers | BH | _____ |
| Chicago Plenum / National Plenum | CP | _____ |
| Outdoor Rated | OD | _____ |
| (LD1 driver only. IC housing 1000L max. Consult factory for dimming range.) | | |

## TRIM & LED MODULE

| | | |
|---|---|---|
| **Aperture** | | _____ |
| 4.5" Square Reflector | LC44 | |
| 4.5" Square Reflector - Airtight | LC44AT | |
| (IC housing required for Airtight rating) | | |
| **Trim Type** | | **SDT** |
| Square Die-Cast Trimless | SDT | |
| **Lumen Output** | | _____ |
| (Trim & Housing output must match) | | |
| 1000 Lumens | 1000L | |
| 1500 Lumens | 1500L | |
| 2000 Lumens | 2000L | |
| 2500 Lumens | 2500L | |
| **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 | |
| (1500 & 2000 lumens only) | | |
| Warm Dim: 3000-1800K, 90+ CRI | 93018W | |
| (1000 & 1500 lumens only) | | |
| **Optic** | | **WW** |
| Wall Wash | WW | |
| **Color** | | _____ |
| Clear Diffuse | CD | |
| Warm Diffuse | WD | |
| Black | BK | |
| White | WH | |

## ACCESSORIES

| | | |
|---|---|---|
| Wood Ceiling Installation Kit | LC44-WOOD-KIT | _____ |
| (One kit recommended per 10 downlights) | | |

**QS 5 DAY***

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