

ID+ 4.5" x 4.5"

LED WALL WASH



FOCAL POINT®



white flange



black flange



titanium silver flange



clear diffuse



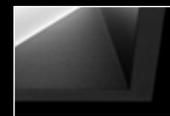
warm diffuse



trimless companion

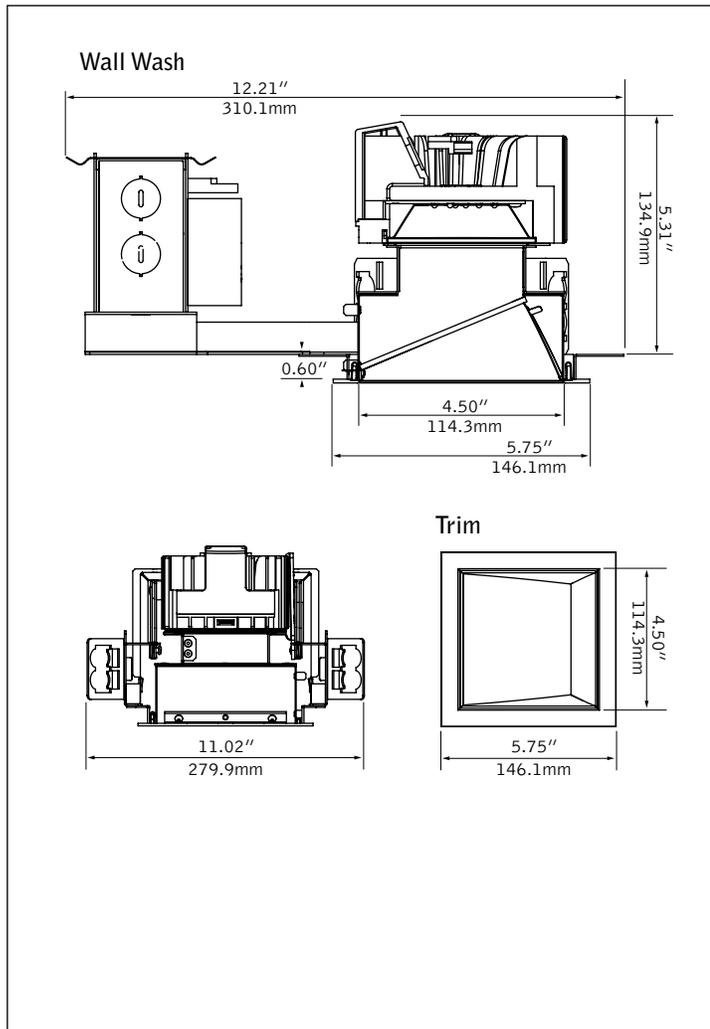


white die-cast



black die-cast

DIMENSIONAL DATA



FEATURES

ChromaSure: Color consistency resulting in a 2-step MacAdam ellipse across the entire ID+ product line.

Field adjustability of ceiling thickness from 0.5" - 2.5".

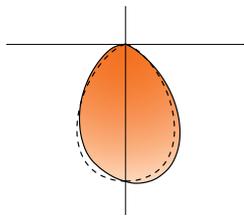
Shallow housing.

50° cutoff to light source and its image.

Selection of dimming drivers available.

Right Light: Standard delivered lumen outputs 500, 1000, 1500, and 2000.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output: 500-2000lm

Wattage: 7-38W

LPW: 65-73

Spacing Criteria: 1.02

SDCM: 2

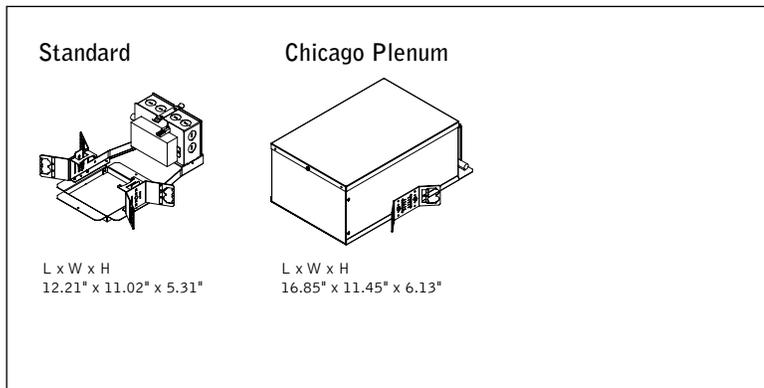
White Die-Cast
 3500k
Delivered Lumens: 1500lm
Total System Watts: 21W

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

fixture:

project:

HOUSING DETAILS



HOUSING SPECIFICATIONS

Construction

Thermally protected housing for new construction applications. Insulation to be kept 3" away from housing. 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. UL & cUL listed for (6) #14 AWG (3 in, 3 out) 90°C conductors and feed through-branch wiring. Accommodates ceiling thicknesses up to 0.5" standard, field adjustable up to 2.5" thickness. For thicker ceiling consult factory. Order TZB option for TechZone compatible housing brackets. Fixture will not exceed 5 lb.

Electrical

Choice of constant current dimming drivers. Power factor > .9 typical.

Labels

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only. Specify wet listed (WL) for recessed ceiling applications in indoor and outdoor locations. Lutron Drivers not recommended for outdoor environments below 0°C.

Lumen Maintenance

Reported: L70 at >63,000 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.

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. Color accuracy within 2 SDCM. Aluminum heat sink provides appropriate thermal management.

Aesthetics

White and black trims are a single molded die-cast unit while clear diffuse and warm diffuse trims are die-formed aluminum reflectors attached to a die-cast with a seamless flange and may be removed for field painting. Torsion springs pull 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

| Delivered Lumens | System Watts | LPW |
|------------------|--------------|-----|
| 500 | 7 | 73 |
| 1000 | 14 | 73 |
| 1500 | 21 | 73 |
| 2000 | 30 | 67 |

Based on 3000/3500K, 80 CRI. White Die-Cast. 90 CRI lumen multipliers: 2700K: 0.71, 3000/3500K: 0.83, 4000K: 0.89. Black Multiplier: 0.50. Clear Diffuse Multiplier: 0.88. 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 | SO |
| Square Overlap <small>(Click to view trimless cutsheet)</small> | SO |
| Lumen Output | |
| 500 Lumens | 500L |
| 1000 Lumens | 1000L |
| 1500 Lumens | 1500L |
| 2000 Lumens | 2000L |
| Voltage | |
| 120V | 120 |
| 277V** | 277 |
| Control System & Dimming Level | |
| 0-10V - 1% Dimming | L11 |
| 0-10V - 10% Dimming | LD1 |
| Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming <small>(Not available with 500L)</small> | LH1 |
| Lutron 5-Series EcoSystem (LDE5) - 5% Dimming <small>(Not available with 500L)</small> | LU5 |
| DALI - 1% Dimming | D11 |
| DMX - 3-Channel, 0% Dimming <small>(Not available with 500L)</small> | MZ3 |
| Housing Type | T |
| Thermally Protected, Non-IC | T |
| Factory Options | |
| Bar Hangers | BH |
| Chicago Plenum / National Plenum | CP |
| 6" TechZone Brackets | TZB |
| TRIM & LED MODULE | |
| Aperture | LC44 |
| 4.5" Square Reflector | LC44 |
| Trim Type | |
| Square | SQ |
| Square Die-Cast Overlap | SDO |
| Lumen Output <small>(Trim & Housing output must match)</small> | |
| 500 Lumens | 500L |
| 1000 Lumens | 1000L |
| 1500 Lumens | 1500L |
| 2000 Lumens | 2000L |
| 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 |
| Optic | WW |
| Wall Wash | WW |
| Color | |
| Clear Diffuse <small>(SQ trim only)</small> | CD |
| Warm Diffuse | WD |
| Black <small>(Black Flange Finish only with SDO trim)</small> | BK |
| White <small>(White Flange Finish only with SDO trim)</small> | WH |
| Flange Finish | |
| Black | BK |
| White | WH |
| Titanium Silver | TS |
| Factory Options | |
| Wet Listed | WL |
| <small>(Consult factory for 90CRI)</small> | |

A complete unit consists of two line items, housing and trim
Example: FLC44W-SO-1500L-120-LD1-T | LC44-SDQ-1500L-35K-WW-WH



Options in orange qualify for the Quickship program. 5-day up to 50 pieces. Refer to Quickship Guide for complete details.

For more information visit focalpointlights.com/reference or consult factory.
**1500 and 2000 lumen outputs add 2 watts to system wattage.

ID+ 4.5" x 4.5"

LED WALL WASH

WALL WASH DESIGN GUIDE - 1500 LUMEN EXAMPLE

| Distance from ceiling | Footcandles | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------|----|----|-------------------------|----|-------|----|-----------------------|----|-------|----|----|---------|----|----|----|----|----|---|
| | Fixtures 3' from Wall | | | Fixtures 3.5' from Wall | | | | Fixtures 4' from Wall | | | | | | | | | | | |
| | 3' OC | | | 3.5' OC | | 3' OC | | 3.5' OC | | 3' OC | | | 3.5' OC | | | | | | |
| 1' 0" | 3" | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| | 6" | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 |
| | 9" | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 3 | 3 | 3 |
| | 12" | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| 2' | 17 | 17 | 17 | 14 | 15 | 15 | 14 | 14 | 14 | 11 | 12 | 12 | 11 | 11 | 11 | 9 | 10 | 10 | |
| 3' | 23 | 23 | 23 | 19 | 19 | 19 | 19 | 19 | 19 | 16 | 16 | 16 | 16 | 16 | 16 | 13 | 13 | 13 | |
| 4' | 24 | 24 | 24 | 20 | 20 | 20 | 21 | 21 | 21 | 18 | 18 | 18 | 18 | 18 | 18 | 15 | 15 | 15 | |
| 5' | 22 | 22 | 22 | 19 | 19 | 19 | 20 | 21 | 21 | 18 | 18 | 17 | 18 | 18 | 18 | 16 | 16 | 16 | |
| 6' | 20 | 20 | 20 | 17 | 17 | 17 | 19 | 19 | 19 | 16 | 16 | 16 | 18 | 18 | 18 | 15 | 15 | 15 | |
| 7' | 17 | 17 | 17 | 15 | 15 | 15 | 17 | 17 | 17 | 15 | 15 | 15 | 17 | 17 | 17 | 14 | 14 | 14 | |
| 8' | 15 | 15 | 15 | 13 | 13 | 13 | 16 | 16 | 16 | 13 | 13 | 13 | 15 | 15 | 15 | 13 | 13 | 13 | |
| 9' | 13 | 13 | 13 | 11 | 12 | 11 | 14 | 14 | 14 | 12 | 12 | 12 | 14 | 14 | 14 | 12 | 12 | 12 | |
| 10' | 11 | 11 | 11 | 10 | 10 | 10 | 12 | 12 | 12 | 10 | 10 | 10 | 12 | 12 | 12 | 10 | 10 | 10 | |

