

ID+ 4.5" x 4.5" Trimless

LED WALL WASH



clear diffuse



warm diffuse



white



black

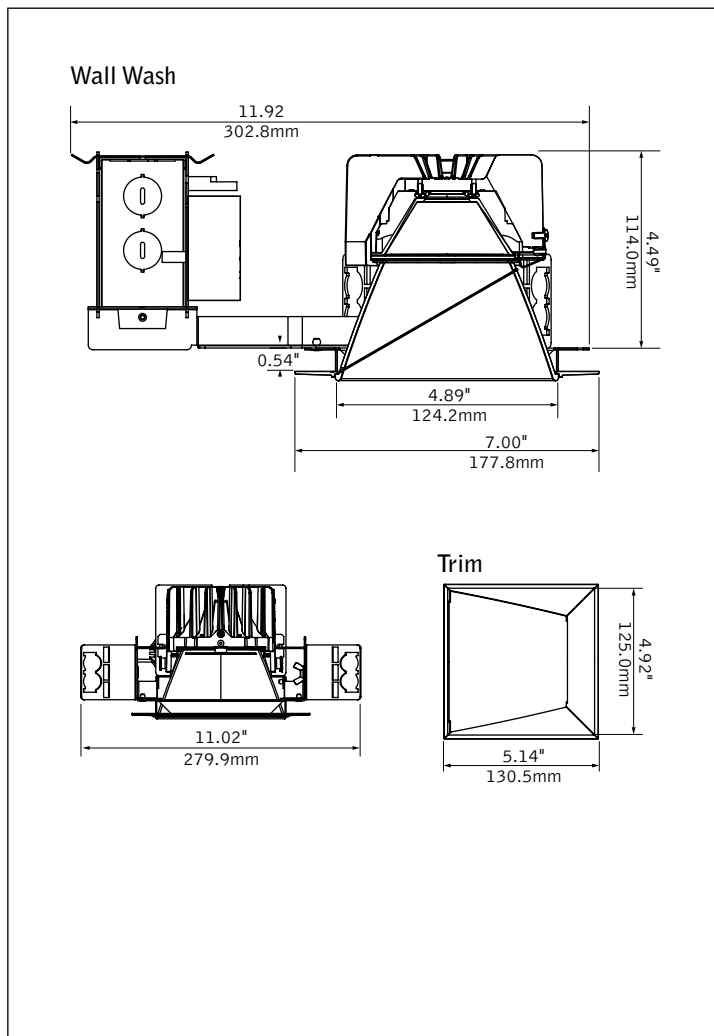


overlap companion



The Naturals collection - Grey Elm shown

DIMENSIONAL DATA



FEATURES

Field adjustability of ceiling thickness from 0.5" to 3.0"

50° cutoff to light source and its image.

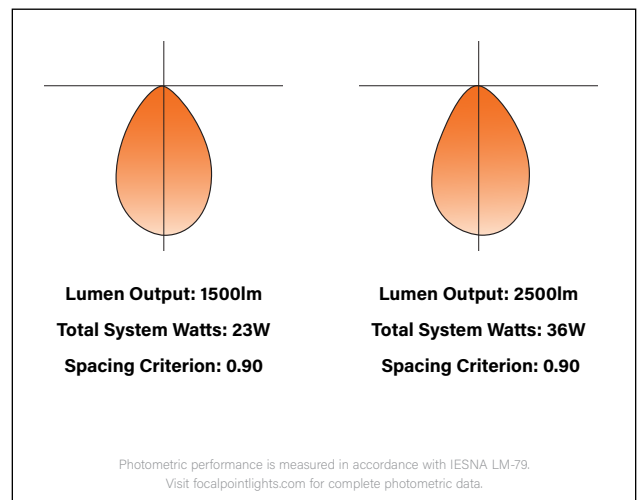
Right Light: Standard delivered lumen outputs 1000, 1500, 2000, and 2500.

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.

Available with The Naturals, a series of finishes that exude biophilic beauty.

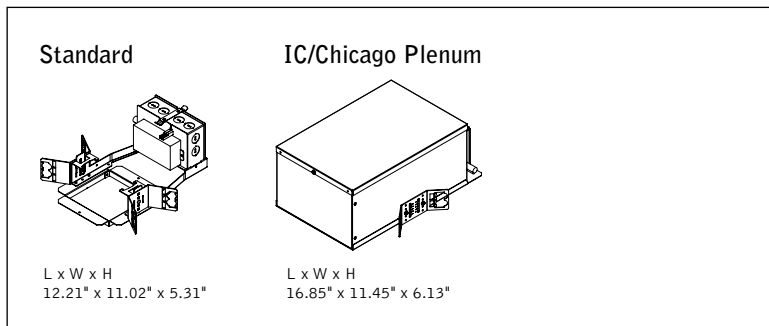
PERFORMANCE



fixture:

project:

HOUSING DETAILS



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 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 warranted 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. The Naturals: 100% low VOC vinyl.

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
1000L	1096	25	43
1500L	1504	23	67
1500L	1549	37	42
2000L	2000	31	65
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
<small>(1000 & 1500 lumens only for 3000-1800K. 1500 & 2000 lumens only for 2700-1800K. UNV not available.)</small>	
Lumen Output	
1000 Lumens	1000L
1500 Lumens	1500L
2000 Lumens	2000L
2500 Lumens	2500L
<small>(Not available with LFP)</small>	
Voltage	
UNV 120V/277V	UNV
<small>(IC housing only. Not available with LFP)</small>	
120V	120
277V	277
Low Voltage	LV
<small>(IC housing: 1500L max. T & TW housings not available.)</small>	
Control System & Dimming Level	
0-10V - 0% Dimming	LZ1
0-10V - 1% Dimming	L11
0-10V - 10% Dimming	LD1
Low Voltage, PoE compatible	LVN
<small>(No driver. IC housing only. LV Voltage only)</small>	
Forward Phase	LFP
<small>(120V only)</small>	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
DALI - 0% Dimming	DZ1
DALI - 1% Dimming	D11
Housing Type	
IC Rated / Airtight	IC
<small>(L11, LD1, LVN, LH1 1500L max. LZ1, D11, DZ1, LFP, 1000L max. LC44AT required for Airtight)</small>	
Thermally Protected, Non-IC	T
Thermally Protected, Non-IC Wood	TW
<small>(Wood ceiling installation kit required)</small>	
Factory Options	
Bar Hangers	BH
Chicago Plenum	CP
Outdoor Rated	OD
<small>(LD1 driver only. IC housing 1000L max. Consult factory for dimming range.)</small>	
TRIM & LED MODULE	
Aperture	
4.5" Square Reflector	LC44
4.5" Square Reflector - Airtight	LC44AT
<small>(IC housing required for Airtight rating)</small>	
Trim Type	
Square Die-Cast Trimless	SDT
Lumen Output	
<small>(Trim & Housing output must match)</small>	
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
<small>(1500 & 2000 lumens only)</small>	
Warm Dim: 3000-1800K, 90+ CRI	93018W
<small>(1000 & 1500 lumens only)</small>	
Optic	
Wall Wash	WW
Color	
<small>(See finishes page for The Naturals options)</small>	
Clear Diffuse	CD
Warm Diffuse	WD
Black	BK
White	WH
ACCESSORIES	
Wood Ceiling Installation Kit	LC44-WOOD-KIT
<small>(One kit recommended per 10 downlights)</small>	

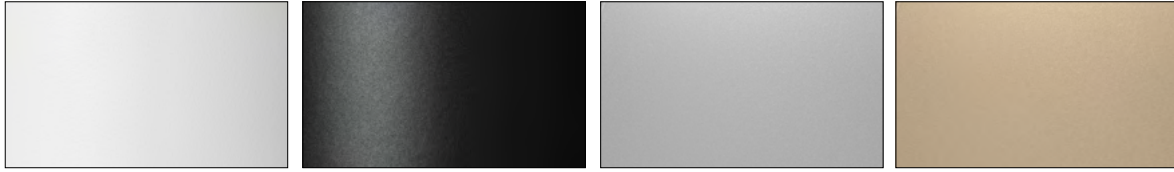


Options in orange qualify for the Quickship program. 5-day up to 100 pieces. Refer to Quickship Guide for complete details.

Finishes



STANDARD FINISHES



WHITE WH BLACK BK CLEAR DIFFUSE CD WARM DIFFUSE WD

THE NATURALS (25% SCALE)



LIGHT OAK LOK GRAY ELM GRE CHESTNUT CHT WALNUT WLT WOVEN LINEN WLN