ID+ 3.5" Trimless

LED WALL WASH

FOCAL POINT®

ChromaSure/

R L

clear diffuse

warm diffuse

black painted
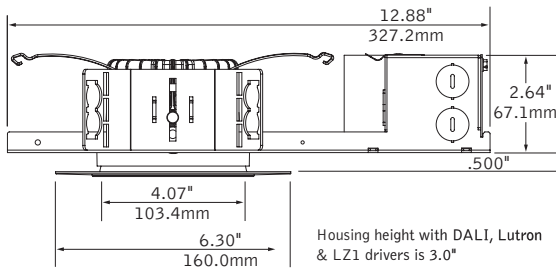
white painted

overlap companion
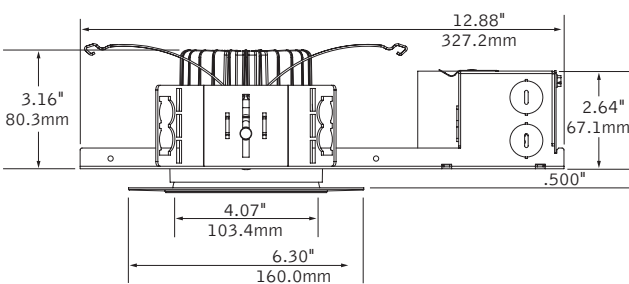
DIMENSIONAL DATA

60° cut-off reflector

12.88"
327.2mm

2.64"
67.1mm

.500"

4.07"
103.4mm

6.30"
160.0mm

Housing height with DALI, Lutron & LZ1 drivers is 3.0"

50° cut-off reflector

12.88"
327.2mm

3.16"
80.3mm

2.64"
67.1mm

.500"

4.07"
103.4mm

6.30"
160.0mm

10.90"
276.9mm

4.07"
103.4mm
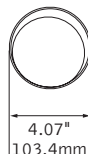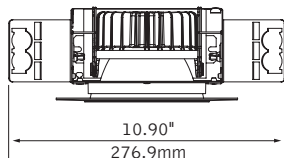
FEATURES

Less than 2.64" low profile housing available.

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

Field adjustability of ceiling thickness from 0.5" - 1.5".

50° cut-off and 60° cut-off reflector options available.

Outdoor rating permits use in outdoor covered ceiling applications.

PERFORMANCE

PRODUCT OVERVIEW

Lumen Output:	700-1500lm
Wattage:	9-20W
LPW:	64-74
SDCM:	2

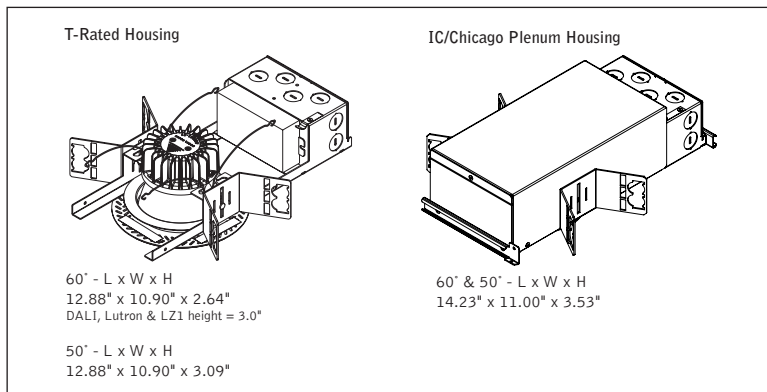Short 60° Cut-off, Wall Wash, Clear Diffuse, 3500K

Lumen Output: 1500lm

Total System Watts: 20W

ENERGY STAR

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

HOUSING DETAILS

T-Rated Housing

IC/Chicago Plenum Housing

60˚ - L x W x H
12.88" x 10.90" x 2.64"
DALI, Lutron & LZ1 height = 3.0"

50˚ - L x W x H
12.88" x 10.90" x 3.09"

60˚ & 50˚ - L x W x H
14.23" x 11.00" x 3.53"

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.
Restrictive airflow per ASTM-E283. 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.
Accommodates ceiling thicknesses up to 0.5" standard, field adjustable up to 1.5" thickness.
For thicker ceiling consult factory. Fixture will not exceed 5 lb.

Electrical
Choice of constant current dimming drivers. Power factor > .9 typical.
For Emergency Battery option see downlight overlap companion.

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 420,000 hours
          L90 at >55,000 hours   L90 at 109,000 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, CRI>80 or >90. 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.

Optics
50-degree or 60-degree cut–off to light source and its image. Wall wash features acrylic
diffuser to provide smooth illumination down the wall.

PERFORMANCE TABLE - see page 3.

HOUSING ORDERING

		FLC3W
Housing Series		
ID+ 3.5" Round	FLC3W	
Trim Type		RT
Round Trimless	RT	
Lumen Output		
700 Lumen	700L	
900 Lumen	900L	
1100 Lumen	1100L	
1300 Lumen	1300L	
1500 Lumen	1500L	
Voltage		
120V	120	
277V	277	
Control System & Dimming Level		
0-10V - 0% Dimming	LZ1	
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Forward Phase	LFP	
(120V only. 900 & 1300 Lumens only.)		
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
(700 &1500 lumens not available.)		
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5	
(1300 Lumens only)		
Lutron Hi-Lume - Forward Phase - 1% Dimming	LTE	
(120V only. 1500 lumens not available.)		
DALI - 0% Dimming	DZ1	
DALI - 1% Dimming	D11	
Housing Type		
IC Rated / Airtight	IC	
(Available options: L11 & LD1: 700, 900 & 1100 Lumens. LFP: 900 & 1300 Lumens.)		
Thermally Protected, Non-IC	T	
Thermally Protected, Non-IC Wood	TW	
(Wood ceiling installation kit required) (T & TW housing height = 3.0" for LZ1, L3D, LH1, LTE, LU5, D11 & DZ1)		
Factory Options		
Bar Hangers	BH	_____
Chicago Plenum	CP	_____
Outdoor Rated	OD	_____
(LD1 driver and T-rated housing only. Not available with CP. See dimming performance table on page 3.)		

TRIM & LED MODULE

		LC3
Aperture		
3.5" Round Reflector	LC3	
Trim Type		RT
Round Trimless	RT	
Lumen Output		
(Trim & housing output must match)		
700 Lumen	700L	
900 Lumen	900L	
1100 Lumen	1100L	
1300 Lumen	1300L	
1500 Lumen	1500L	
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		
Tall Cone with 50˚ cut-off	WWT	
Short Cone with 60˚ cut-off	WWS	
Color		
Clear Diffuse	CD	
Warm Diffuse	WD	
Black	BK	
White	WH	

ACCESSORIES

Wood Ceiling Installation Kit	LC3-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.

ROUND WALL WASH PERFORMANCE TABLE

Lumen Output	Delivered Lumens	System Watts	LPW
700L	637	9	74
900L	777	11	73
1100L	964	15	64
1300L	1121	18	64
1500L	1279	20	65

Based on Trimless, Short Cone, 3500K, 80CRI, Wide Flood, Clear Diffuse.
Delivered lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

OUTDOOR RATED (OD) DRIVER DIMMING PERFORMANCE TABLE

Lumen Output	Minimum Dimming Level
700L	37%
900L	29%
1100L	23%
1300L	19%
1500L	17%

ROUND WALL WASH LUMEN MULTIPLIER TABLE

Color Temperature & CRI

Trim Type	Optic	Color Temperature	Multiplier
ALL	ALL	2700K, 80+ CRI [27K]	0.93
		2700K, 90+ CRI [927K]	0.75
		3000K, 80+ CRI [30K]	0.93
		3000K, 90+ CRI [930K]	0.81
		3500K, 80+ CRI [35K]	1.00
		3500K, 90+ CRI [935K]	0.81
		4000K, 80+ CRI [40K]	1.00
		4000K, 90+ CRI [940K]	0.87

Distribution

Trim Type	Optic	Distribution	Multiplier
Round Trimless [RT]	Tall Cone with 50˚ cut-off [WWT]	Wall Wash	0.92
	Short Cone with 60˚ cut-off [WWS]	Wall Wash	0.85
Round Overlap [RO]	Tall Cone with 50˚ cut-off [WWT]	Wall Wash	0.85
	Short Cone with 60˚ cut-off [WWS]	Wall Wash	0.84

Color

Trim Type	Optic	Color	Multiplier
Round Trimless [RT] and Round Overlap [RO]	Tall Cone with 50˚ cut-off [WWT] and Short Cone with 60˚ cut-off [WWS]	Clear Diffuse [CD]	1.00
		Warm Diffuse [WD]	1.03
		White [WH]	1.16
		Black [BK]	0.79

Multiplier tables are provided to aid with estimation of lumen levels across options. Apply multipliers against ordered Lumen Output to estimate Delivered Lumens. Refer to IES files for most accurate photometric information.

How To Use Lumen Multipliers

Formula: (Lumen Output Value) x (Color Temperature & CRI) x (Distribution) x (Color)

Example: LC3-RT-1100L-935K-WWS-WH

(1100) x (0.81) x (0.85) x (1.16) ≈ 879 lm (estimated delivered lumens)