ID+ 3.5"

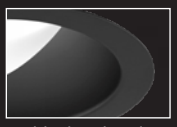
LED WALL WASH

FOCAL POINT®


clear diffuse


warm diffuse


white painted flange

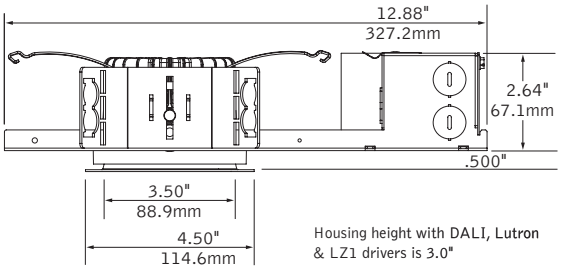

black painted


white painted

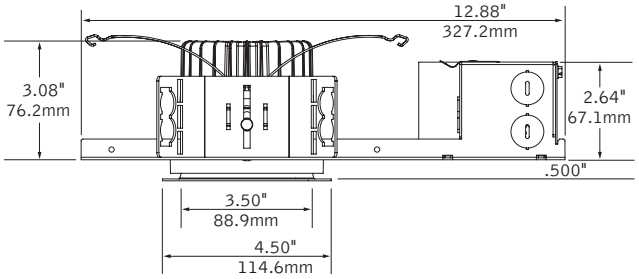

trimless companion

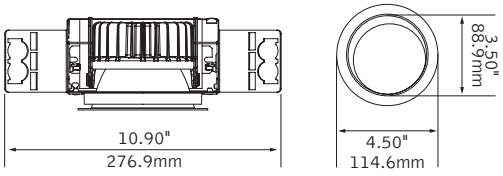
DIMENSIONAL DATA

60˚ cut-off reflector



50˚ cut-off reflector





FEATURES

Less than 2.64" low profile housing available.

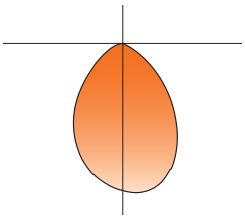
ChromaSure: Color consistency resulting in a 2-step MacAdam ellipse across the entire ID+ product line.

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



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

Lumen Output: 1500lm

Total System Watts: 20W

PRODUCT OVERVIEW

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

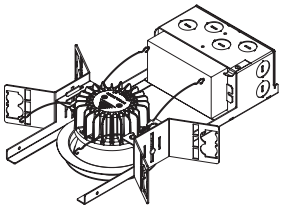
ENERGY STAR

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

fixture: project:

HOUSING DETAILS

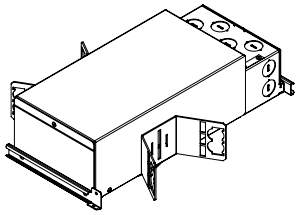
T-Rated Housing



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 3.16"

IC/Chicago Plenum Housing



50˚ & 60˚ - 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.

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 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. Overlap trims are self-flanged. Non-painted trim matches reflector finish. Painted flange may also be specified.

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

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

TRIM & LED MODULE

Aperture		**LC3**
3.5" Round Reflector	LC3	
Trim Type		**RO**
Round Overlap	RO	
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 (Black painted flange only)	BK	
White (White painted flange only)	WH	
Flange Finish		_____
Non-Painted (Clear and warm diffuse only)	NP	
Black Painted	BP	
White Painted	WP	

QS 5 DAY* Options in orange qualify for the Quickship program. 5-day up to 30 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-RO-1100L-935K-WWS-WH
(1100) x (0.81) x (0.84) x (1.16) ≈ 868 lm (estimated delivered lumens)