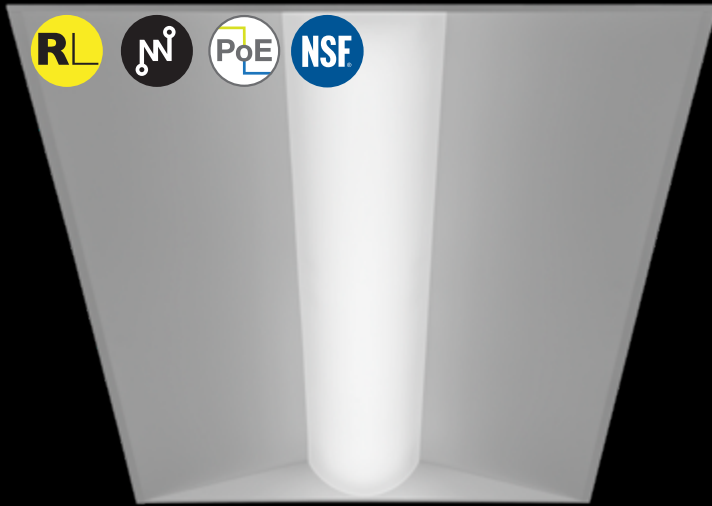
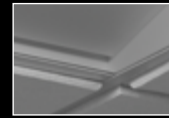


Amica® 2 2x4

LED

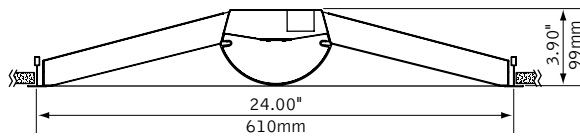


lens detail

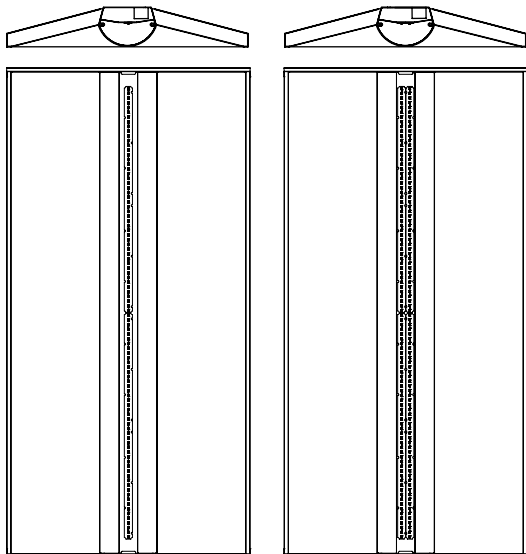


air return

DIMENSIONAL DATA



led options



Standard (2 LED Boards)

High Efficiency (4 LED Boards)

FEATURES

Architectural recessed LED luminaire with classic lines to complement architecture.

Center ribbed diffuser masks LED brightness to create even illumination.

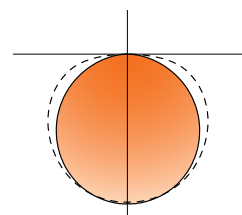
3.9" housing depth ideal for shallow plenum applications.

Access from below the ceiling for easy maintenance.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output:	4000-8000lm
Wattage:	30-62
LPW:	124-136
SDCM:	3

High Performance
4000 Lumens (4000LH)

Delivered Lumens: 4000lm

Total System Watts: 30W


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

fixture:


project:

MOUNTING INFORMATION


grid



9/16" tee



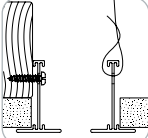
15/16" tee



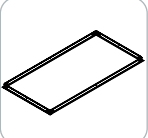
slot tee

drywall frame kit

specify "F" Drywall Frame Kit for drywall ceiling conditions.



Use tie-wire or screws to secure frame kit.



Cut out dimensions:
2': Min: 24.25"
Max: 24.56"
4': Min: 48.25"
Max: 48.56"

SPECIFICATIONS

LED System

LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with CRI>80, 3 SDCM. LED modules and drivers are replaceable from below.

Construction

One piece 24 Ga. steel reflector and housing. Bottom access 24 Ga. steel driver compartment. Top access plate for electrical connection. Positional brackets supplied as standard. Unit weight: 16 lbs.

Optic

24 Ga. steel reflectors finished in matte satin white powder coat. .084" thick frosted white acrylic diffuser with linear micro-prism pattern.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. LD1 not Right Light as standard, consult factory. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency

Emergency battery output—10 watts for 90 minutes. Maximum mounting height: 22.5ft
Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFS1, NLT1, CLM1, NXE1, WLXP) requires a UL924 compliant device, consult factory.

Labels

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only.

Finish

Polyester powder coat applied over a multi-stage pre-treatment. Optional Anti-Microbial paint finish available.

Lumen Maintenance

Reported:

L70 at > 60,000 hours

L80 at > 60,000 hours

Calculated:

L70 at 150,000 hours

L80 at 94,000 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.

PERFORMANCE CHART

Delivered Lumens		Tested System Watts	LPW	Lumen Multipliers		
				CCT	CRI	Multiplier
4000 Lumens	4000L	32	126	3000K	80	0.81
	4000LH	30	136		90	0.93
4500 Lumens	4500L	37	124	3500K	80	1.00
	4500LH	34	135		90	0.96
5000 Lumens	5000L	38	131	4000K	80	0.85
	5000LH	36	135		90	0.98
5500 Lumens	5500L	42	131			
	5500LH	41	135			
6000 Lumens	6000L	46	130			
	6000LH	44	135			
6500 Lumens	6500L	51	129			
	6500LH	49	134			
7000 Lumens	7000L	56	125			
	7000LH	54	130			
7500 Lumens	7500L	61	124			
	7500LH	58	130			
8000 Lumens	8000L	62	130			
	8000LH					

Based on 3500K, 80 CRI. *Lumen output may vary +/- 8%. Actual wattage may vary +/- 5%

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

ORDERING

Luminaire Series

Amica 2

Nominal Size

2' x 4'

Shielding

Ribbed Acrylic Diffuser

Lumen Output

Standard (2 LED Boards)

4000 Lumens

4500 Lumens

5000 Lumens

5500 Lumens

6000 Lumens

6500 Lumens

7000 Lumens

7500 Lumens

High Efficiency (4 LED Boards)

4000 Lumens

4500 Lumens

5000 Lumens

5500 Lumens

6000 Lumens

6500 Lumens

7000 Lumens

7500 Lumens

8000 Lumens

Color Temperature

3000K, 80+ CRI or 90+ CRI

3500K, 80+ CRI or 90+ CRI

4000K, 80+ CRI or 90+ CRI

Circuit

Single Circuit

Voltage

120/277 UNV Volt

347 Volt

(LD1, CLM1 only. Not available with EM)

Low Voltage

Control System & Dimming Level

0-10V - 10% Dimming

0-10V - 1% Dimming

Low Voltage, PoE compatible

(No driver. Not available with EM. LV Voltage only)

Lutron Hi-Lume EcoSystem (LDE1) -

1% Dimming (Not available with 7500L or 8000LH)

DALI - 1% Dimming

Step Dimming

Wattstopper DLM - 1% Dimming

Wattstopper Fixture Sensor

Low Density - 1% Dimming

Wattstopper Fixture Sensor

High Density - 1% Dimming

Acuity nLight® - 1% Dimming

(Not available with CP)

Encelium CLM Connected Lighting

Module - 1% Dimming

Current NX Enabled - 1% Dimming

WaveLinX Pro - 1% Dimming

Mounting

Grid

Drywall Frame Kit

(Not available with DLM1, CLM1, NXE1 or NLT1)

(Cut out dimensions: Min: 24.25"/Max: 24.56"

Min: 48.25"/Max: 48.56")

Surface Mount

(Not available with DLM1, CLM1, NXE1 or NLT1)

24" Aircraft Cable

48" Aircraft Cable

96" Aircraft Cable

Factory Options

Air Return

(Overall height for luminaire with Air Return is 4.4")

Chicago Plenum

(Not available with flex whip)

Emergency Battery†

with Integral Test Switch

6' New York City Flex Whip (120V)

6' New York City Flex Whip (277V)

6' Flex Whip

NSF Listed

Finish

Matte Satin White

Matte Satin White Anti-Microbial

FAM2

24

ACR

4000L

4500L

5000L

5500L

6000L

6500L

7000L

7500L

4000LH

4500LH

5000LH

5500LH

6000LH

6500LH

7000LH

7500LH

8000LH

30K or 930K

35K or 935K

40K or 940K

1C

1C

UNV

347

LV

LD1

LT1

LVN

LH1

D11

SD5

DLM1

LMFS1

LMFS1

NLT1

CLM1

NXE1

WLXP

G

F

SM

C24

C48

C96

AR

CP

EM

FN1

FN2

FW

NSF

WH
















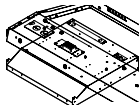

WHA



5/10' DAY

Options in orange qualify for the Quickship program. 5-day up to 100 pieces, 10-day up to 300 pieces. Emergency Battery is 10-day only. Refer to Quickship Guide for complete details.

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.†

Connected Solution	Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers	
 legrand® WATTSTOPPER®		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired 	Advance by Signify, Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Enabled	No	Wireless	Advance by Signify
		LMFSD	LMFS-601						Optotronic by eldoLED (Dexal)
 COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinX Wireless	WaveLinX Pro Trellix	Enabled	No	Wireless (WaveLinX Pro Wireless Area Controller)	Advance by Signify
 CRESTRON		D11	Specified Driver	DALI	Crestron Züm Wireless & SpaceBuilder	Enabled	No	Wired	eldoLED ECOdrive
		L11		0-10V					Advance by Signify
 ENCELIUM		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	Optotronic by eldoLED Advance by Signify
 LUTRON		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	Lutron Hi-Lume
 nLIGHT		NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired 	eldoLED ECOdrive, eldoLED SOLOdrive
			NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired 

*Not all compatible networks may be listed. **For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold**. To specify a particular driver please consult factory.
†Controls systems supplied by others.