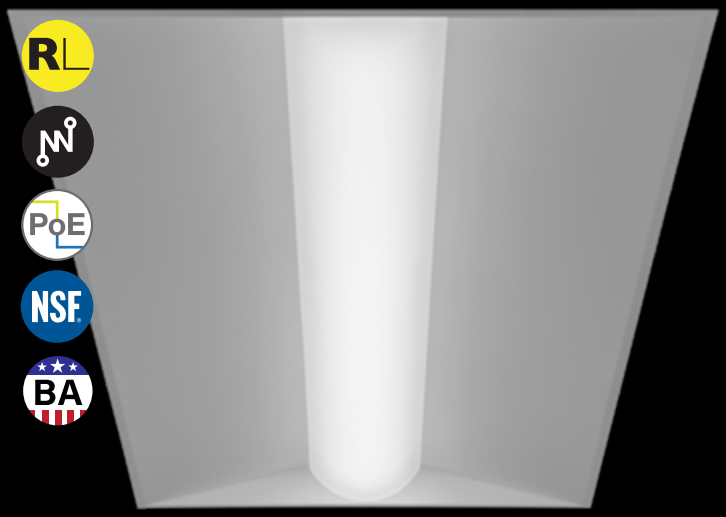
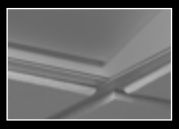
Amica® 2 2x4

LED

FOCAL POINT®

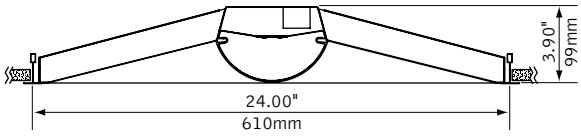


lens detail

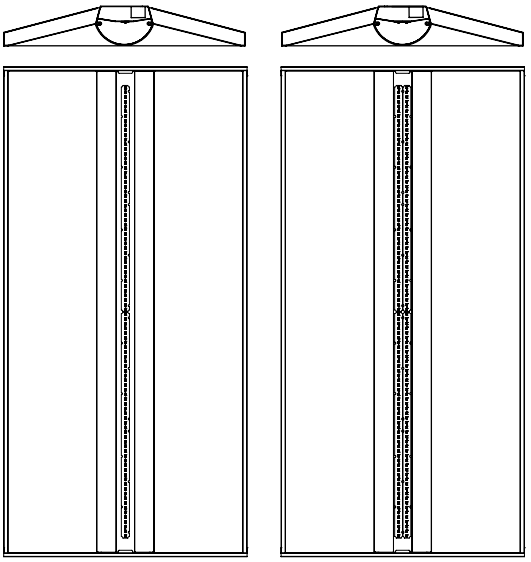


air return

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.

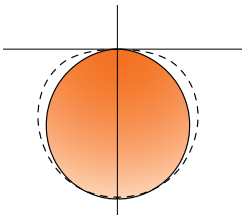
3.9" housing depth ideal for shallow plenum applications.

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



High Performance
4000 Lumens (4000LH)

Delivered Lumens: 4000lm

Total System Watts: 30W

PRODUCT OVERVIEW

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

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

fixture: project:

MOUNTING INFORMATION

grid

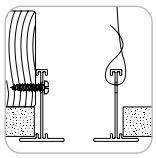
9/16" tee

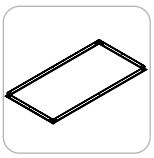
15/16" tee

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, LMFSD, 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
4000 Lumens	4000L	32	126
	4000LH	30	136
4500 Lumens	4500L	37	124
	4500LH	34	135
5000 Lumens	5000L	38	131
	5000LH	36	135
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	8000LH	62	130

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

Lumen Multipliers		
CCT	CRI	Multiplier
3000K	80	0.81
	90	0.93
3500K	80	1.00
	90	0.96
4000K	80	0.85
	90	0.98

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

ORDERING

Luminaire Series		**FAM2**
Amica 2	FAM2	
Nominal Size		**24**
2' x 4'	24	
Shielding		**ACR**
Ribbed Acrylic Diffuser	ACR	
Lumen Output		
Standard (2 LED Boards)		
4000 Lumens	4000L	
4500 Lumens	4500L	
5000 Lumens	5000L	
5500 Lumens	5500L	
6000 Lumens	6000L	
6500 Lumens	6500L	
7000 Lumens	7000L	
7500 Lumens	7500L	
High Efficiency (4 LED Boards)		
4000 Lumens	4000LH	
4500 Lumens	4500LH	
5000 Lumens	5000LH	
5500 Lumens	5500LH	
6000 Lumens	6000LH	
6500 Lumens	6500LH	
7000 Lumens	7000LH	
7500 Lumens	7500LH	
8000 Lumens	8000LH	
Color Temperature		
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	
Circuit		**1C**
Single Circuit	1C	
Voltage		
120/277 UNV Volt	UNV	
347 Volt (LD1, CLM1 only. Not available with EM)	347	
Low Voltage	LV	
Control System & Dimming Level		
0-10V - 10% Dimming (Not Right Light as standard, consult factory)	LD1	
0-10V - 1% Dimming	L11	
Low Voltage, PoE compatible (No driver. Not available with EM. LV Voltage only.)	LVN	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming (Not available with 7500L or 8000LH.)	LH1	
DALI - 1% Dimming	D11	
Step Dimming	SD5	
Wattstopper DLM - 1% Dimming	DLM1	
Wattstopper Fixture Sensor Low Density – 1% Dimming	LMFS1	
Wattstopper Fixture Sensor High Density – 1% Dimming	LMFSD	
Acuity nLight* - 1% Dimming (Not available with CP.)	NLT1	
Encelium CLM Connected Lighting Module - 1% Dimming	CLM1	
Current NX Enabled – 1% Dimming	NXE1	
WaveLinx Pro – 1% Dimming	WLXP	
Mounting		
Grid	G	
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")	F	
Surface Mount (Not available with DLM1, CLM1, NXE1 or NLT1)	SM	
24" Aircraft Cable	C24	
48" Aircraft Cable	C48	
96" Aircraft Cable	C96	
Factory Options		
Air Return (Overall height for luminaire with Air Return is 4.4")	AR	
Chicago Plenum (Not available with flex whip)	CP	
Emergency Battery† with Integral Test Switch	EM	
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
NSF Listed	NSF	
Finish		
Matte Satin White	WH	
Matte Satin White Anti-Microbial	WHA	

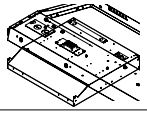
QS 5/10† DAY Options in orange qualify for the Quikckship program. 5-day up to 100 pieces, 10-day up to 300 pieces. Emergency Battery is 10-day only. Refer to Quickship Guide for complete details.

CONNECTED® SOLUTIONS

Amica® 2 2x4

LED

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[1]	No	Wired	**Advance by Signify**, Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated[2]	No	Wireless	**Advance by Signify**
		LMFSD	LMFS-601						**Optotronic by eldoLED (Dexal)**
COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated[2]	No	Wireless (WaveLinx Pro Wireless Area Controller)	**Advance by Signify**
CRESTRON		D11	Specified Driver	DALI	Crestron Zūm Wireless & SpaceBuilder	Enabled[1]	No	Wired	**eldoLED ECOdrive**
		L11		0-10V					**Advance by Signify**
ENCELIUM		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled[1]	No	Wireless	**Optotronic by eldoLED** Advance by Signify
LUTRON		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled[1]	No	Wired	**Lutron Hi-Lume**
nLIGHT		NLT1	nEPS-60-IO	nLight	nLight	Enabled[1]	No	Wired	**eldoLED ECOdrive,** eldoLED SOLOdrive
NX LIGHTING CONTROLS		NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled[1]	No	Wired	**Optotronic by eldoLED**

*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. [1]Enabled: Fixture supplied with a Node/ Controller. Sensor to be provided by others. [2]Integrated: Fixture supplied with an installed Sensor.