Amica™ 2 2x2

LED

FOCAL POINT®
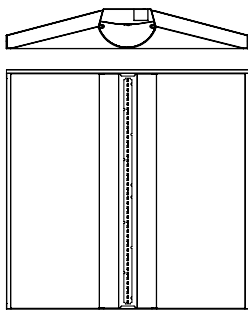
lens detail

air return

DIMENSIONAL DATA

3.90"
99mm

24.00"
610mm
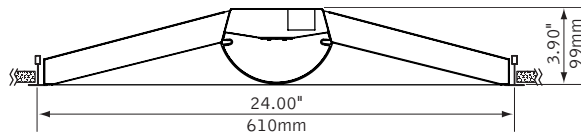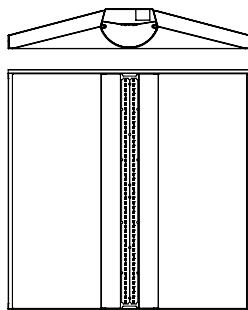
led options

Standard (1 LED Board)

High Efficiency (2 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.

PERFORMANCE
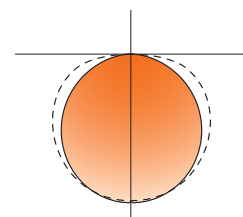
PRODUCT OVERVIEW

Lumen Output:	2000-5000lm
Wattage:	15-42
LPW:	115-127
SDCM:	3

High Performance
2500 Lumens (2500LH)

Delivered Lumens: 2500lm

Total System Watts: 18W

DLC QPL® LISTED PREMIUM

DLC QPL® LISTED

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit designlights.org/QPL for model specifics.

MOUNTING INFORMATION

grid

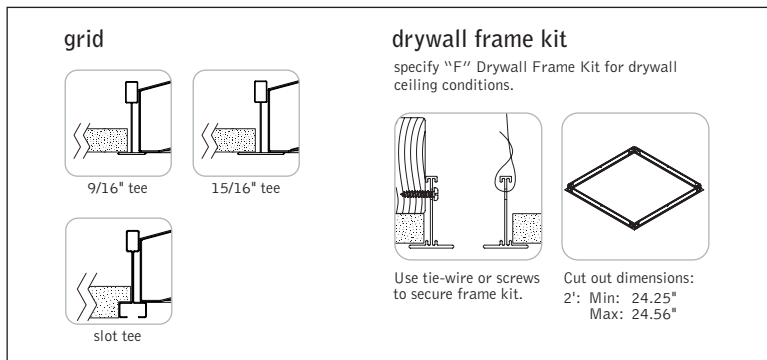

9/16" tee

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"

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: 9 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.

Emergency Battery

Emergency output—10 watts for 90 minutes. Maximum mounting height: 19.9ft

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.

Lumen Maintenance

Reported: L70 at >72,000 hours   Calculated: L70 at 112,000 hours
          L80 at >72,000 hours   L80 at 73,000 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
2000 Lumens	2000L	17	115
	2000LH	15	131
2500 Lumens	2500L	19	127
	2500LH	18	132
3000 Lumens	3000L	23	125
	3000LH	22	130
3500 Lumens	3500L	28	124
	3500LH	27	128
4000 Lumens	4000L	32	117
	4000LH	31	127
4500 Lumens	4500LH	37	118
5000 Lumens	5000LH	42	116

Based on 3500K. *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		**FAM2**
Amica 2	FAM2	
Nominal Size		**22**
2' x 2'	22	
Shielding		**ACR**
Ribbed Acrylic Diffuser	ACR	
Lumen Output		_____

Standard
(1 LED Board)

2000 Lumens	2000L
2500 Lumens	2500L
3000 Lumens	3000L
3500 Lumens	3500L
4000 Lumens	4000L

High Efficiency
(2 LED Boards)

2000 Lumens	2000LH
2500 Lumens	2500LH
3000 Lumens	3000LH
3500 Lumens	3500LH
4000 Lumens	4000LH
4500 Lumens	4500LH
5000 Lumens	5000LH

Color Temperature		_____
3000K	30K	
3500K	35K	
4000K	40K	

(Consult factory for additional CCT and CRI options)

Circuit		**1C**
Single Circuit	1C	
Voltage		_____
120/277 UNV Volt	UNV	
347 Volt	347	

(LD1, CLM1 & CLMZ1 only. Not available with EM.)

Control System & Dimming Level		_____
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	

(Not Right Light as standard, consult factory)

Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5
Step Dimming	SD5
DALI 1% Dimming	D11
Acuity nLight - 1% Dimming	NLT1

(Not available with Chicago Plenum. Recessed grid & drywall frame kit mounting only.)

Enlighted Smart Sensor - 5% Dimming	ENL5
Osram Connected Lighting Module for ENCELIUM systems - 1% Dimming	CLM1

(Compatible with Osram ENCELIUM and ENCELIUM EDGE systems only)

Osram Connected Lighting Module for ZigBee Wireless Networks - 1% Dimming	CLMZ1

(Not compatible with Osram ENCELIUM systems)

Wattstopper DLM - 1% Dimming	DLM1

(Recessed grid & drywall frame kit mounting only)

Mounting		_____
Grid	G	
Drywall Frame Kit	F	

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

Surface Mount	SM
24" Aircraft Cable	C24
48" Aircraft Cable	C48
96" Aircraft Cable	C96

Factory Options		
Air Return	AR	_____

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

Chicago Plenum	CP	_____
Emergency Battery Pack 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	_____
Finish		**WH**
Matte Satin White	WH	

For more information visit focalpointlights.com/reference or consult factory.

# CONNECTED SOLUTIONS

Amica™ 2 2x2
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.†
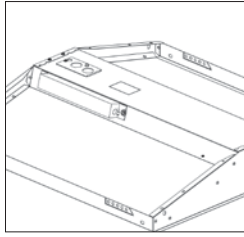
nLIGHT

nLight® provides a two-way wired digital lighting system allowing for on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting.

Acuity nLight - 1% Dimming (NLT1)
Acuity Model #nEPS-60-IO

CAT-5 Cable provided by others.Serial labels will be provided on outside of luminaires and control unit.
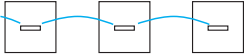
enlighted

Enlighted smart sensor allows for occupancy sensing, daylight harvesting, energy usage, temperature and light level control. Communicates wirelessly with the Enlighted network.

Enlighted Smart Sensor - 5% Dimming (ENL5)
Enlighted Model #CS-D2

OSRAM

Connected Lighting Module (CLM) enables each luminaire to be independently controlled and configured. Communicates wirelessly with Daintree Networks®, Osram ENCELIUM®, Osram ENCELIUM EDGE™, and other networks using the ZigBee® HA communication protocol to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Osram CLM - 1% Dimming (CLM1& CLMZ1)
Osram Model #ZBHA-CLM DIM

Serial labels will be provided on outside of luminaires and control unit.

legrand® WATTSTOPPER®
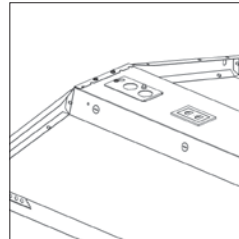
A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Wattstopper DLM - 1% Dimming (DLM1)
Wattstopper Model #LMFC-011

CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.
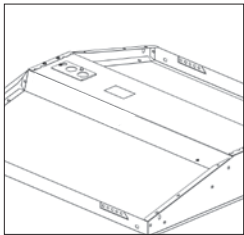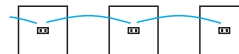
LUTRON®

A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting working with Quantum®, Energi Savr Node™, and Energi TriPak® using EcoSystem® communication protocol.

Lutron Hi-Lume EcoSystem - 1% Dimming (LH1)
Lutron Model #LDE1
Lutron 5-Series EcoSystem - 5% Dimming (LU5)
Lutron Model #LDE5
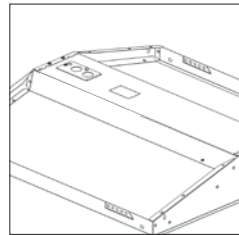
CRESTRON

A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting. Communicates with Zūm wireless and SpaceBuilder working with Zūm hub scheduling or FUSION management.

DALI - 1% Dimming (D11)
0-10V - 1% Dimming (L11)
Note: 0-10V is not a digital network but is compatible with Creston Zūm™ system.

CONNECTED SOLUTIONS DETAILS

Connected Solution	Model #	Protocol	Compatible Networks*	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire	Drivers
Acuity nLight (NLT1)	nEPS-60-IO**	nLight	nLight	Enabled	Enabled	No	Wired	**eldoLED ECOdrive,** eldoLED SOLOdrive
Crestron (D11, L11)	Specified Driver	DALI 0-10V	Crestron Zūm Wireless & SpaceBuilder	Enabled	Enabled	No	Wired	**eldoLED ECOdrive (DALI), Philips Xitanium (0-10V)**
Enlighted Smart Sensor (ENL5)	CS-D2**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	**Philips Xitanium SR**
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	**Philips SimpleSet,** Osram Optotronic
Lutron EcoSystem (LH1 & LU5)	LDE1,** LDE5**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	**Lutron Hi-Lume Lutron 5-Series**
Osram CLM for ENCELIUM systems (CLM1)	ZBHA-CLM**	ZigBee HA	Osram ENCELIUM & ENCELIUM EDGE	Enabled	Enabled	No	Wireless	**Osram Optotronic**
Osram CLM for ZigBee Wireless Networks (CLMZ1)	ZBHA-CLM**	ZigBee HA	Daintree Networks & open ZigBee Networks	Enabled	Enabled	No	Wireless	**Osram Optotronic**

*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.