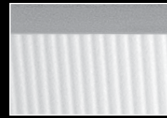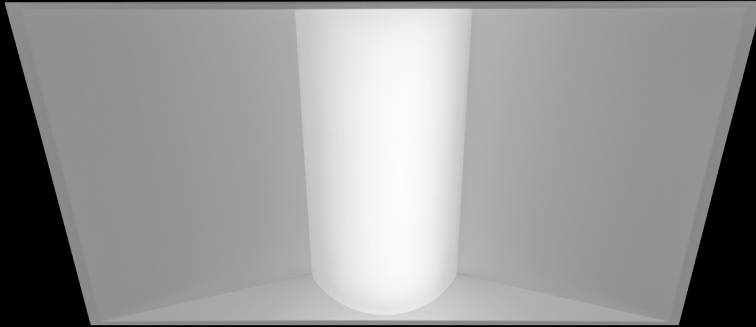# Amica™ 2 2x2

**LED**

lens detail
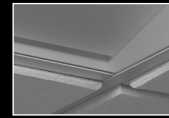
air return

## DIMENSIONAL DATA

3.90"
99mm

24.00"
610mm
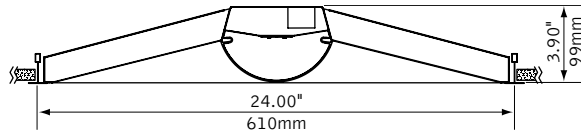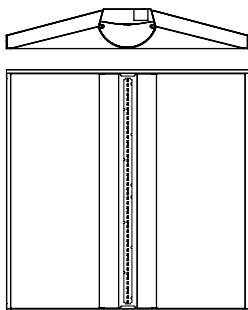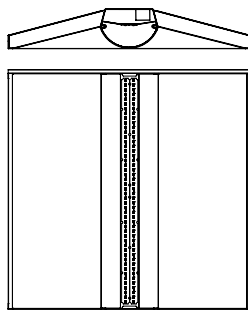
led options

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.
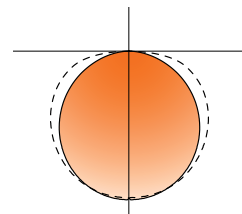
3.9" housing depth ideal for shallow plenum applications.

Access from below the ceiling for easy maintenance.

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

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

## PERFORMANCE

### PRODUCT OVERVIEW

| | |
|---|---|
| Lumen Output: | 2000-5000lm |
| Wattage: | 15-38 |
| LPW: | 124-136 |
| SDCM: | 3 |

High Performance
2000 Lumens (2000LH)
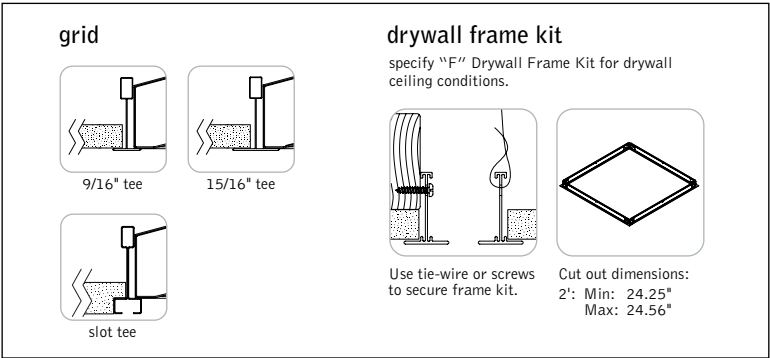
**Delivered Lumens: 2000lm**

**Total System Watts: 15W**

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

## 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. 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: 19.9ft Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFSD, NLT1, ENL1, CLM1, NXE1, WLXP) requires a UL924 compliant device, consult factory. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

### 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      Calculated:   L70 at 145,000 hours
          L80 at > 60,000 hours                        L80 at 91,000 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   16 | 127 |
| | 2000LH   15 | 136 |
| 2500 Lumens | 2500L   20 | 124 |
| | 2500LH   20 | 128 |
| 3000 Lumens | 3000L   23 | 128 |
| | 3000LH   22 | 134 |
| 3500 Lumens | 3500L   28 | 126 |
| | 3500LH   27 | 134 |
| 4000 Lumens | 4000L   32 | 124 |
| | 4000LH   31 | 132 |
| 4500 Lumens | 4500LH   35 | 131 |
| 5000 Lumens | 5000LH   38 | 130 |

| 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 |

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.
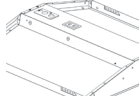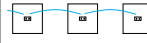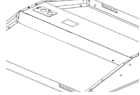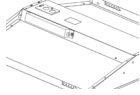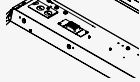
## ORDERING

| | | |
|---|---|---|
| **Luminaire Series** | | **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, 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 | 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 | |
| Enlighted Smart Sensor - 1% Dimming | ENL1 | |
| 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") | 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 | |
| **Finish** | | |
| Matte Satin White | WH | |
| Matte Satin White Anti–Microbial | WHA | |

**QS 5/10 DAY**   Options in orange qualify for the Quickship program. 5-day up to 100 pieces, 10-day up to 300 pieces. 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 Zūm 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 |
| Enlighted | | ENL1 | SU-5E-IOT | Enlighted RF | Enlighted | Integrated | Yes | Wireless | **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 |
| NX LIGHTING CONTROLS™ | | NXE1 | NXFM-LV | NX | NX Distributed Intelligence | Enabled | 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.