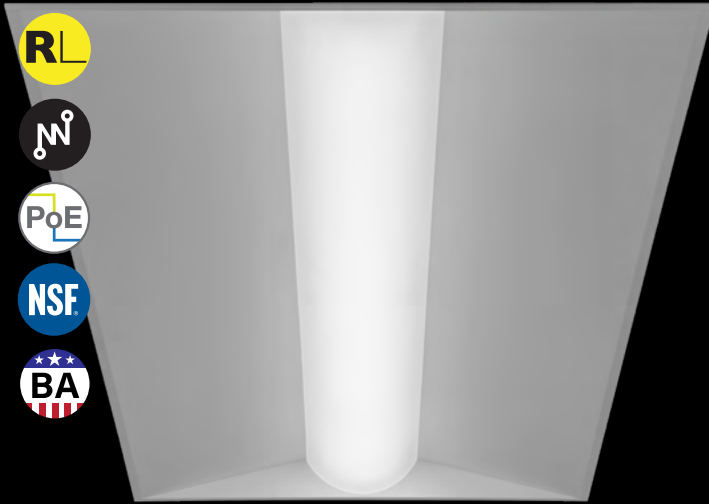
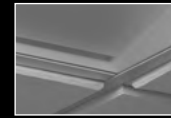


# Amica® 2 2x4

LED



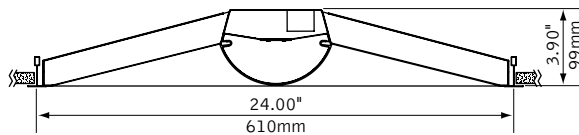
lens detail



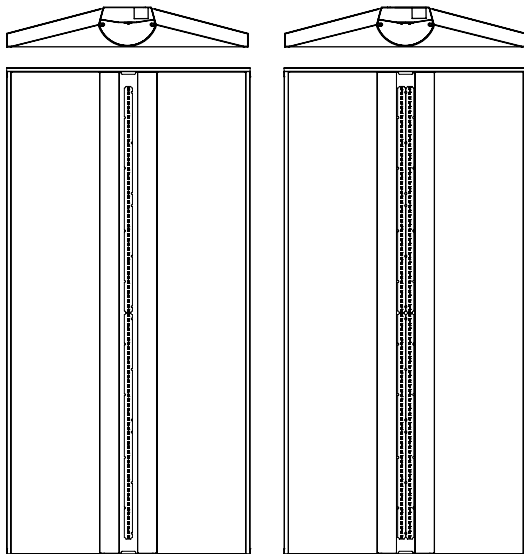
air return



## 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.

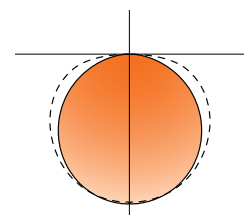
3.9" housing depth ideal for shallow plenum applications.

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](http://focalpointlights.com) for complete photometric data.

fixture:

project:

MOUNTING INFORMATION

grid



9/16" tee



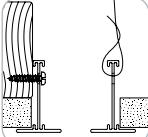
15/16" tee



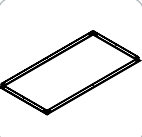
slot tee

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 (WSPC, NLT1, 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 |                   |     |            |
| 4500 Lumens      | 4500L  | 37                  | 124 | 3500K             | 90  | 0.93       |
|                  | 4500LH | 34                  | 135 |                   |     |            |
| 5000 Lumens      | 5000L  | 38                  | 131 | 4000K             | 80  | 0.85       |
|                  | 5000LH | 36                  | 135 |                   |     |            |
| 5500 Lumens      | 5500L  | 42                  | 131 |                   | 90  | 0.98       |
|                  | 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 FAM2

Nominal Size

2' x 4' 24

Shielding

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

Single Circuit 1C

Voltage

120/277 UNV Volt UNV

347 Volt 347

(LD1, WSPC only. Not available with EM)

Low Voltage LV

Control System & Dimming Level

0-10V - 10% Dimming LD1

(Not Right Light as standard, consult factory)

0-10V - 1% Dimming L11

Low Voltage, PoE compatible LVN

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

Lutron Hi-Lume EcoSystem (LDE1) - LH1

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

DALI - 1% Dimming D11

Step Dimming SD5

Wattstopper PLUS: WSPC

Connected Light Module

(0-10V standard. Consult factory for DALI)

Acuty nLight\* - 1% Dimming NLT1

(Not available with CP)

Current NX Enabled - 1% Dimming NXE1

WaveLinx Pro - 1% Dimming WLXP

Mounting

Grid G

Drywall Frame Kit F

(Not available with WSPC, NXE1 or NLT1)

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

Min: 48.25"/Max: 48.56")

Surface Mount SM

(Not available with WSPC, NXE1 or NLT1)

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

(Not available with flex whip)

Emergency Battery\* EM

with Integral Test Switch

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

\*Aircraft cable mounting not available with Flex Whip options.



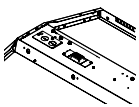
5/10\* DAY

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 broad flexibility through compatibility with a wide range of indoor lighting control systems. A variety of sensors, nodes, controllers, and drivers can be specified to scale the system and meet the needs of each application across both wired and wireless networks.

Features such as daylight harvesting, occupancy sensing, dimming, and switching help save energy, reduce costs, and enhance occupant comfort. All Connected Solutions luminaires require a compatible building control system.

Controls systems supplied by others. For performance data and additional control system details, please visit the connected solutions manufacturers websites.

| Connected Solution                                                                                                   | Ordering Code | Model #         | Protocol          | Compatible Networks<br>(Not all compatible networks may be listed.) | Description | Occupancy & Daylight | Communication to Luminaire                          | Drivers<br>(Primary drivers are listed in <b>bold</b> . To specify a particular driver please consult factory.) | Driver Type                              |
|----------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-------------------|---------------------------------------------------------------------|-------------|----------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------|
|  <b>WATTSTOPPER®</b>                 |               |                 |                   |                                                                     |             |                      |                                                     |                                                                                                                 |                                          |
|                                      | WSPC          | EN-ZBHA-CLM-DIM | ZigBee            | Wattstopper PLUS                                                    | Node        | Enabled†             | Wireless                                            | <b>Advance by Signify</b>                                                                                       | 0-10V standard, consult factory for DALI |
|  <b>COOPER</b><br>Lighting Solutions |               |                 |                   |                                                                     |             |                      |                                                     |                                                                                                                 |                                          |
|                                      | WLXP          | OEM-WAA         | WaveLinx Wireless | WaveLinx Pro Trellix                                                | Sensor      | Integrated*          | Wireless<br>(WaveLinx Pro Wireless Area Controller) | <b>Advance by Signify</b>                                                                                       | <b>0-10V</b>                             |
|  <b>Current</b>                      |               |                 |                   |                                                                     |             |                      |                                                     |                                                                                                                 |                                          |
|                                     | NXE1          | NXFM2-LV        | NX                | NX Distributed Intelligence                                         | Controller  | Enabled†             | Wired                                               | <b>Optotronic by eldoLED</b>                                                                                    | 0-10V                                    |
|  <b>nLIGHT</b>                     |               |                 |                   |                                                                     |             |                      |                                                     |                                                                                                                 |                                          |
|                                    | NLT1          | nEPS-60-IO      | nLight            | nLight                                                              | Controller  | Enabled†             | Wired                                               | <b>eldoLED ECOdrive, eldoLED SOLOdrive</b>                                                                      | 0-10V                                    |

†Enabled: Luminaire supplied with a node/controller. Sensor to be provided by others.

\*Integrated: Luminaire supplied with an installed sensor.