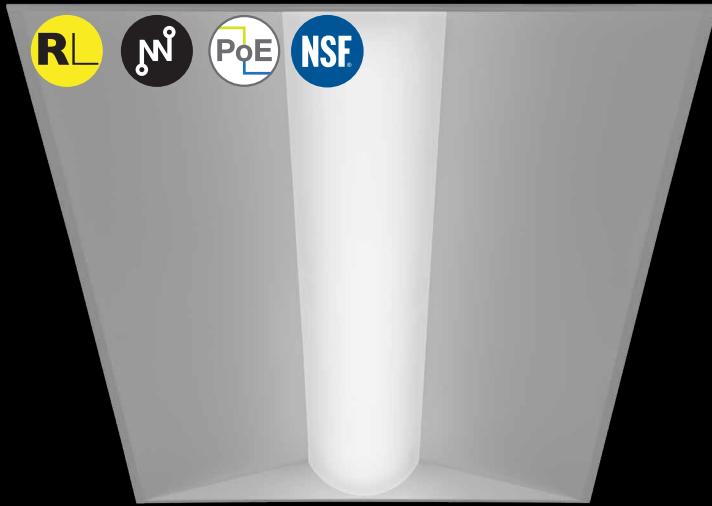
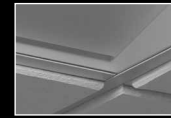


Amica® 2 2x4

LED

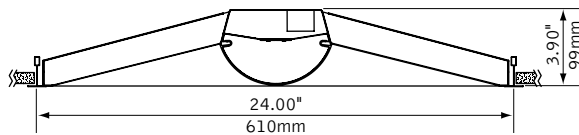


lens detail

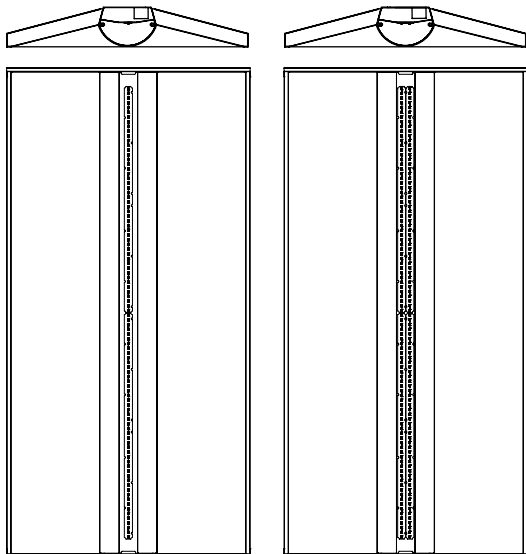


air return

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.

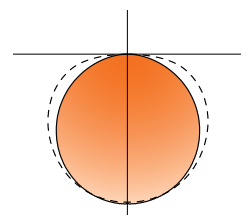
3.9" housing depth ideal for shallow plenum applications.

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, LMFSD, NLT1, ENL1, 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 Calculated: L70 at 150,000 hours
 L80 at > 60,000 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 | 3000K | 80 | 0.81 |
| | 4000LH | 30 | | | |
| 4500 Lumens | 4500L | 37 | 3500K | 90 | 0.93 |
| | 4500LH | 34 | | | |
| 5000 Lumens | 5000L | 38 | 4000K | 80 | 0.85 |
| | 5000LH | 36 | | | |
| 5500 Lumens | 5500L | 42 | | 90 | 0.98 |
| | 5500LH | 41 | | | |
| 6000 Lumens | 6000L | 46 | | | |
| | 6000LH | 44 | | | |
| 6500 Lumens | 6500L | 51 | | | |
| | 6500LH | 49 | | | |
| 7000 Lumens | 7000L | 56 | | | |
| | 7000LH | 54 | | | |
| 7500 Lumens | 7500L | 61 | | | |
| | 7500LH | 58 | | | |
| 8000 Lumens | 8000L | 62 | | | |
| | 8000LH | 62 | | | |

Based on 3500K, 80 CRI. *Lumen output may vary +/- 8%. Actual wattage may vary +/- 3%

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

FAM2

24

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 Voltage

120/277 UNV Volt UNV

347 Volt 347

(LD1, CLM1 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 DLM - 1% Dimming DLM1

Wattstopper Fixture Sensor LMFS1

Low Density - 1% Dimming LMFSD

Wattstopper Fixture Sensor LMFSD

High Density - 1% Dimming NLT1

Acuity nLight - 1% Dimming (Not available with CP.)

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 F

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

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

Surface Mount SM

(Not available with DLM1, CLM1, 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

Finish

Matte Satin White WH

Matte Satin White Anti-Microbial WHA



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 Optotronic by eldoLED (Dexal) |
| | LMFSD | LMFS-601 | | | | | | | |
| 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 |
| 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 |
| | | | | | | | | Wireless | |
| 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.