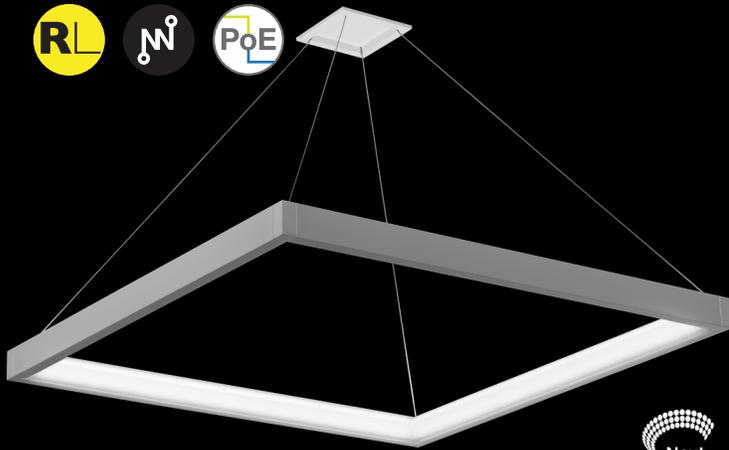
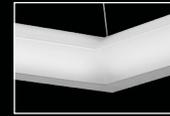


# Nera®

LED



bottom detail



inside lens detail



canopy

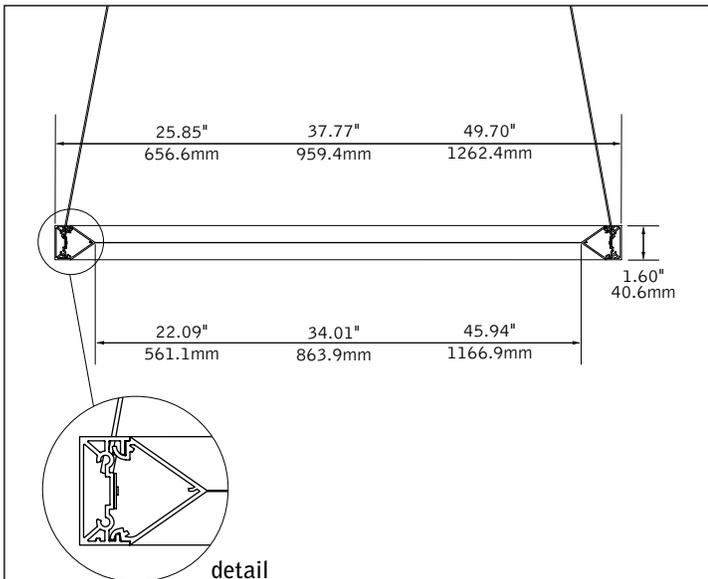


white finish

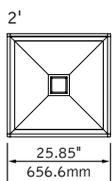


palladium finish

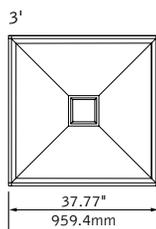
## DIMENSIONAL DATA



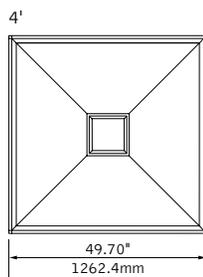
### fixture information



canopy  
4.5" x 4.5"



canopy  
6.0" x 6.0"



canopy  
9.0" x 9.0"

## FEATURES

Unique aesthetic inspired by the visual void design philosophy.

Luminaire sizes available in 2'x2', 3'x3' and 4'x4'.

Frosted acrylic optical diffuser produces 50/50 light distribution.

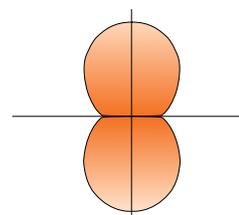
Features Power-Up suspension system which delivers power through the suspension cables and eliminates visual clutter of separate power cord.

Installations include grid, drywall and surface-mount/open ceilings.

Choice of output levels to meet a wide variety of application needs.

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

## PERFORMANCE



3' x 3'

**Delivered Lumens: 6000lm**

**Total System Watts: 53W**

### PRODUCT OVERVIEW

Lumen Output: 2000-8000lm

Wattage: 18-71W

LPW: 108-114

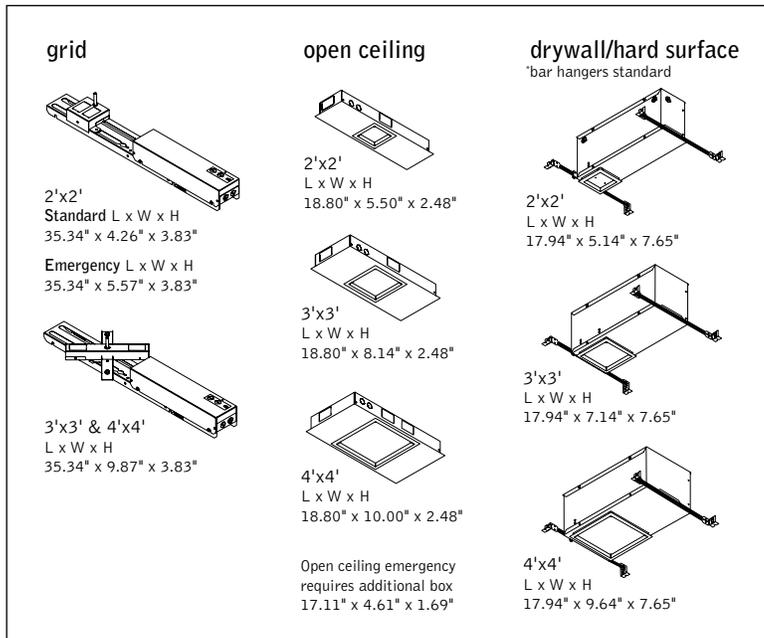
SDCM: 3

Photometric performance is measured in accordance with IESNA LM-79.  
Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

fixture:

project:

**DETAILS**



**SPECIFICATIONS**

**LED System**

Linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. Available in 3000K, 3500K, 4000K with CRI>80, 3SDCM. LED boards and drivers are replaceable.

**Construction**

Extruded aluminum rails and die-cast corners. 2' x 2' unit weight: 4.6lbs. 3' x 3' unit weight: 6.8lbs. 4' x 4' unit weight: 9.3lbs.

**Optic**

0.125" thick extruded acrylic lens.

**Mounting**

White satin acrylic canopy provided for below ceiling access. Canopy is field paintable. Minimum mounting height: 2' x 2': 12", 3' x 3': 18", 4' x 4': 24".

**Suspension and Power**

Low voltage power delivered via aircraft suspension/power cable. Adjustable suspension to 96", consult factory for longer lengths. Drivers in sheet metal enclosure above ceiling or surface mount for open ceilings. Drivers are replaceable. Standard 120-277V constant current driver includes 0-10V analog dimming. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

**Emergency**

Emergency Battery 10W output for 90 minutes. Maximum mounting height: 16.6ft. Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFSD, NLT1, ENL1, CLM1, NXE1, WLXP) shipped standard with leads to connect UL924 compliant device, by others.

**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: L90 at >36,000 hours      Calculated: L90 at 100,000 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**

See page 3

**ORDERING**

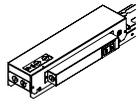
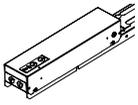
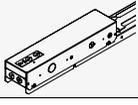
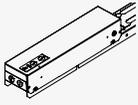
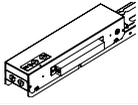
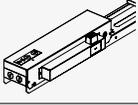
|                                   | <b>Luminaire Series</b>  | <b>FNRP</b> |
|-----------------------------------|--|-------------|
|                                   | Nera   | FNRP        |
|                                   | <b>Nominal Size</b>  |             |
|                                   | 2' x 2'  | 22          |
|                                   | 3' x 3'  | 33          |
|                                   | 4' x 4'  | 44          |
|                                   | <b>Shielding</b>   | <b>FL50</b> |
| Frosted Lens - 50/50 Distribution |  | FL50        |
|                                   | <b>Lumen Output</b>  |             |
|                                   | 2000 Lumens  | 2000L       |
|                                   | 2500 Lumens  | 2500L       |
| <b>2' x 2'</b>                    | 3000 Lumens  | 3000L       |
|                                   | 3500 Lumens  | 3500L       |
|                                   | 4000 Lumens  | 4000L       |
|                                   | 3000 Lumens  | 3000L       |
|                                   | 3750 Lumens  | 3750L       |
| <b>3' x 3'</b>                    | 4500 Lumens  | 4500L       |
|                                   | 5250 Lumens  | 5250L       |
|                                   | 6000 Lumens  | 6000L       |
|                                   | 4000 Lumens  | 4000L       |
|                                   | 5000 Lumens  | 5000L       |
| <b>4' x 4'</b>                    | 6000 Lumens  | 6000L       |
|                                   | 7000 Lumens  | 7000L       |
|                                   | 8000 Lumens  | 8000L       |
|                                   | (Not available with D11 or NLT1)   |             |
|                                   | <b>Color Temperature</b>   |             |
|                                   | 3000K  | 30K         |
|                                   | 3500K  | 35K         |
|                                   | 4000K  | 40K         |
|                                   | <b>Circuits</b>  | <b>1C</b>   |
|                                   | Single Circuit   | 1C          |
|                                   | <b>Voltage</b>   | <b>UNV</b>  |
|                                   | UNV 120/277 Volt   | UNV         |
|                                   | Low Voltage  | LV          |
|                                   | <b>Control System &amp; Dimming Level</b>  |             |
|                                   | 0-10V - 10% Dimming  | LD1         |
|                                   | 0-10V - 1% Dimming   | L11         |
|                                   | Low Voltage, PoE compatible<br>(No driver. Not available with EM or EC. LV Voltage only) | LVN         |
|                                   | Lutron Hi-Lume EcoSystem (LDE1) -<br>1% Dimming  | LH1         |
|                                   | DALI - 1% Dimming  | D11         |
|                                   | Wattstopper DLM - 1% Dimming<br>(Grid only. Not available with CP)                       | DLM1        |
|                                   | Wattstopper Fixture Sensor<br>Low Density - 1% Dimming<br>(Remote mounted sensor)        | LMFS1       |
|                                   | Wattstopper Fixture Sensor<br>High Density - 1% Dimming<br>(Remote mounted sensor)       | LMFSD       |
|                                   | Acuity nLight - 1% Dimming<br>(Grid only. Not available with CP)                         | NLT1        |
|                                   | Enlighted Smart Sensor - 1% Dimming<br>(Remote mounted sensor)                           | ENL1        |
|                                   | Enclum CLM Connected Lighting<br>Module - 1% Dimming<br>(Grid only)                      | CLM1        |
|                                   | Current NX Enabled - 1% Dimming<br>(Grid only. Not available with CP)                    | NXE1        |
|                                   | WaveLinX Pro - 1% Dimming<br>(Remote mounted sensor)                                     | WLXP        |
|                                   | <b>Mounting</b>  |             |
|                                   | Grid Accessible Ceiling<br>(Consult factory for TechZone Ceilings)                       | G           |
|                                   | Drywall / Hard Surface<br>(Not available with Emergency Battery)                         | HS          |
|                                   | Open Ceiling   | OC          |
|                                   | <b>Suspension and Power Feed</b>   |             |
|                                   | (Adjustable aircraft cable with integral low voltage power delivery)                     |             |
|                                   | 24" adjustable   | CLV24       |
|                                   | 48" adjustable   | CLV48       |
|                                   | 60" adjustable   | CLV60       |
|                                   | 96" adjustable   | CLV96       |
|                                   | <b>Factory Options</b>   |             |
|                                   | Clear Cable Slewing<br>(May be required by local code)                                   | CCS         |
|                                   | Chicago Plenum<br>(Not available with flex whip)   | CP          |
|                                   | (Not available with Open Ceiling mounting,<br>CCS shipped standard with CP option)       |             |
|                                   | Emergency Circuit  | EC          |
|                                   | Emergency Battery  | EM          |
|                                   | (Test switch in canopy. Not available with HS mounting.)                                 |             |
|                                   | <b>Finish</b>  |             |
|                                   | Palladium Silver   | PS          |
|                                   | White  | WH          |

**PERFORMANCE CHART**

| Nominal Size | Delivered Lumens | System Watts | LPW |
|--------------|------------------|--------------|-----|
| 2' x 2'      | 2000             | 17.7         | 113 |
|              | 2500             | 22.0         | 114 |
|              | 3000             | 26.6         | 113 |
|              | 3500             | 31.2         | 112 |
|              | 4000             | 36.0         | 111 |
| 3' x 3'      | 3000             | 26.5         | 113 |
|              | 3750             | 33.0         | 114 |
|              | 4500             | 39.8         | 113 |
|              | 5250             | 46.8         | 112 |
|              | 6000             | 52.9         | 112 |
| 4' x 4'      | 4000             | 35.3         | 113 |
|              | 5000             | 44.0         | 114 |
|              | 6000             | 53.1         | 113 |
|              | 7000             | 62.5         | 112 |
|              | 8000             | 70.5         | 108 |

\*Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

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  |   |
|---|---|----------------|---------------------------------|----------------------|--|-----------------------|----------------------------|--|---|
| <br><b>legrand</b><br>WATTSTOPPER <sup>®</sup> |    | DLM1           | LMFC-011                        | DLM                  | DLM                                      | Enabled               | No                         | Wired<br>   | <b>Advance by Signify,</b><br>Optotronic by eldoLED               |
|   |    | LMFS1<br>LMFSD | LMFS-601 & LMFI-111<br>LMFS-601 | DLM<br>Wireless      | DLM                                      | Enabled               | No                         | Wireless   | <b>Advance by Signify</b><br><b>Optotronic by eldoLED (Dexal)</b> |
| <br><b>COOPER</b><br>Lighting Solutions        |    | WLXP           | OEM-WAA                         | WaveLinx Wireless    | WaveLinx Pro Trellix                     | Enabled               | No                         | Wireless<br>(WaveLinx Pro Wireless Area Controller)  | <b>Advance by Signify</b>   |
| <br><b>CRESTRON</b>                            |   | D11<br>L11     | Specified Driver                | DALI<br>0-10V        | Crestron Züm Wireless & SpaceBuilder     | Enabled               | No                         | Wired  | <b>eldoLED ECOdrive</b>   |
|   |   |                |                                 |                      |  |                       |                            |  |   |
| <br><b>ENCELIUM</b>                          |  | CLM1           | ZBHA-CLM-DIM-ENC                | ZigBee               | Encelium X Light Management System       | Enabled               | No                         | Wireless   | <b>Optotronic by eldoLED</b><br>Advance by Signify                |
| <br><b>Enlighted</b>                         |  | ENL1           | SU-5E-IOT                       | Enlighted RF         | Enlighted                                | Integrated            | Yes                        | Wireless   | <b>Advance by Signify</b>   |
| <br><b>LUTRON</b>                            |  | LH1            | LDE1                            | EcoSystem            | Quantum, Energi Savr Node, Energi TriPak | Enabled               | No                         | Wired  | <b>Lutron Hi-Lume</b>   |
| <br><b>nLIGHT</b>                            |  | NLT1           | nEPS-60-IO                      | nLight               | nLight                                   | Enabled               | No                         | Wired<br> | <b>eldoLED ECOdrive,</b><br>eldoLED SOLOdrive                     |
|   |   |                |                                 |                      |  |                       |                            | Wired<br> |   |
| <br><b>NA LIGHTING CONTROLS<sup>®</sup></b>  |  | NXE1           | NXFM-LV                         | NX                   | NX Distributed Intelligence              | Enabled               | No                         | Wired<br> | <b>Optotronic by eldoLED</b>                                      |

\*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.