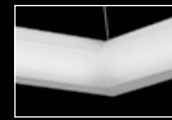# Nera®

LED

bottom detail

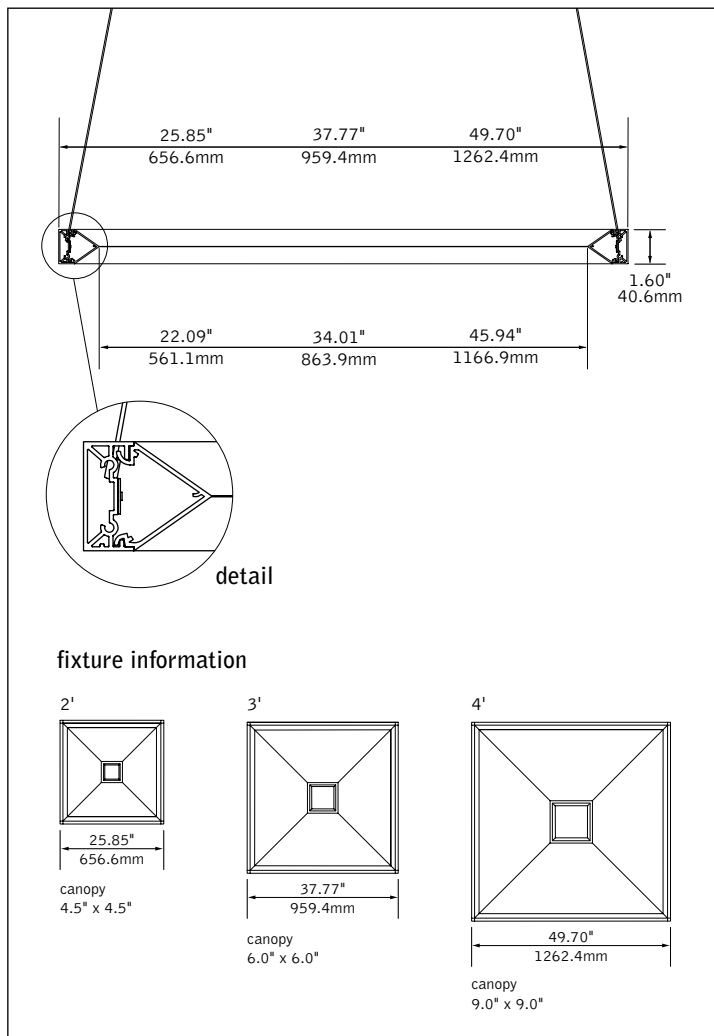inside lens detail

canopy

white finish
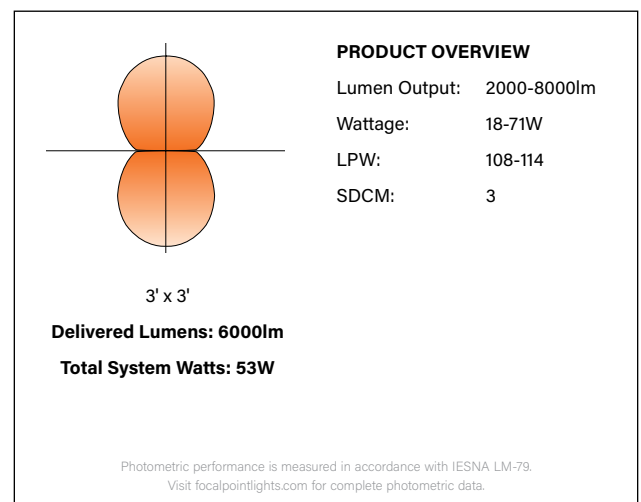
palladium finish

FOCAL POINT®

DIMENSIONAL DATA

25.85"	37.77"	49.70"
656.6mm	959.4mm	1262.4mm

1.60"
40.6mm

22.09"	34.01"	45.94"
561.1mm	863.9mm	1166.9mm

detail

fixture information

2'

25.85"
656.6mm

canopy
4.5" x 4.5"

3'

37.77"
959.4mm

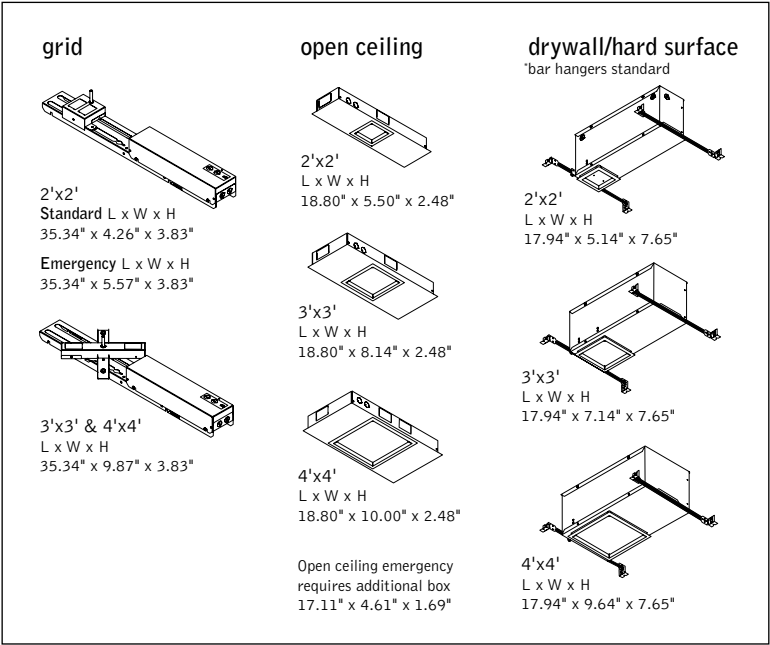canopy
6.0" x 6.0"

4'

49.70"
1262.4mm

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

PRODUCT OVERVIEW

Lumen Output:	2000-8000lm
Wattage:	18-71W
LPW:	108-114
SDCM:	3

3' x 3'

Delivered Lumens: 6000lm

Total System Watts: 53W

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

DETAILS

grid

2'x2'
Standard L x W x H
35.34" x 4.26" x 3.83"

Emergency L x W x H
35.34" x 5.57" x 3.83"

3'x3' & 4'x4'
L x W x H
35.34" x 9.87" x 3.83"

open ceiling

2'x2'
L x W x H
18.80" x 5.50" x 2.48"

3'x3'
L x W x H
18.80" x 8.14" x 2.48"

4'x4'
L x W x H
18.80" x 10.00" x 2.48"

Open ceiling emergency
requires additional box
17.11" x 4.61" x 1.69"

drywall/hard surface
*bar hangers standard

2'x2'
L x W x H
17.94" x 5.14" x 7.65"

3'x3'
L x W x H
17.94" x 7.14" x 7.65"

4'x4'
L x W x H
17.94" x 9.64" x 7.65"

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, 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

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

Focal Point LLC reserves the right to change specifications for product improvement without notification.

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

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
legrand / WATTSTOPPER®	DLM1	LMFC-011	DLM	DLM	Enabled[1]	No	Wired	**Advance by Signify**, Optotronic by eldoLED
	LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated (remote)[3]	No	Wireless	**Advance by Signify**
	LMFSD	LMFS-601						**Optotronic by eldoLED (Dexal)**
COOPER Lighting Solutions	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated (remote)[3]	No	Wireless (WaveLinx Pro Wireless Area Controller)	**Advance by Signify**
CRESTRON	D11	Specified Driver	DALI	Crestron Zūm Wireless & SpaceBuilder	Enabled[1]	No	Wired	**eldoLED ECOdrive**
	L11		0-10V					**Advance by Signify**
ENCELIUM	CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled[1]	No	Wireless	**Optotronic by eldoLED** Advance by Signify
LUTRON	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled[1]	No	Wired	**Lutron Hi-Lume**
nLIGHT	NLT1	nEPS-60-IO	nLight	nLight	Enabled[1]	No	Wired	**eldoLED ECOdrive**, eldoLED SOLOdrive
NX LIGHTING CONTROLS	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled[1]	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. [1]Enabled: Fixture supplied with a Node/ Controller. Sensor to be provided by others. [3]Integrated (remote): Fixture supplied with a Sensor. To be installed in a remote location by others.