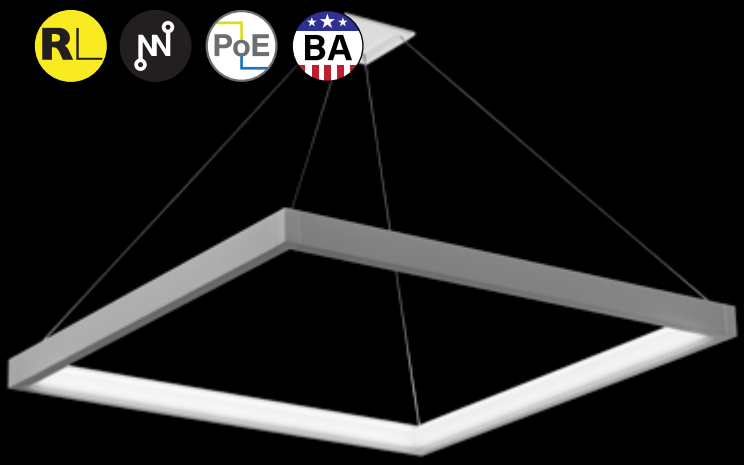
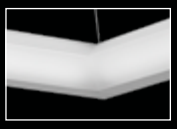
Nera®

LED

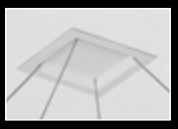
FOCAL POINT®



bottom detail



inside lens detail

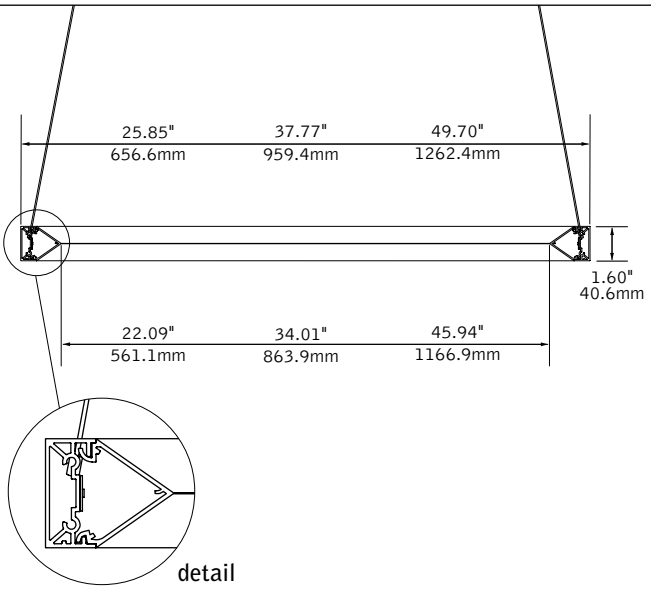


canopy

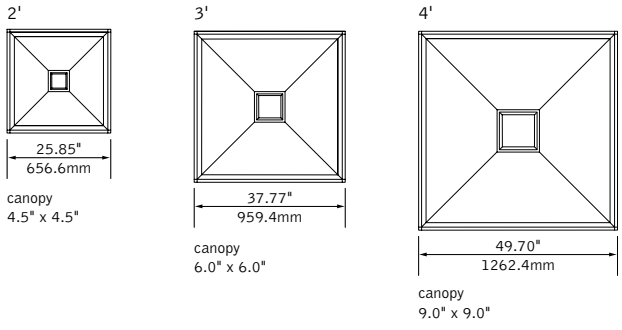
white finish

palladium finish

DIMENSIONAL DATA



fixture information



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.

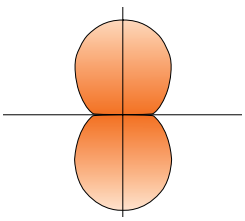
Features Power-Up suspension system which delivers power through the suspension cables and eliminates visual clutter of separate power cord.

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

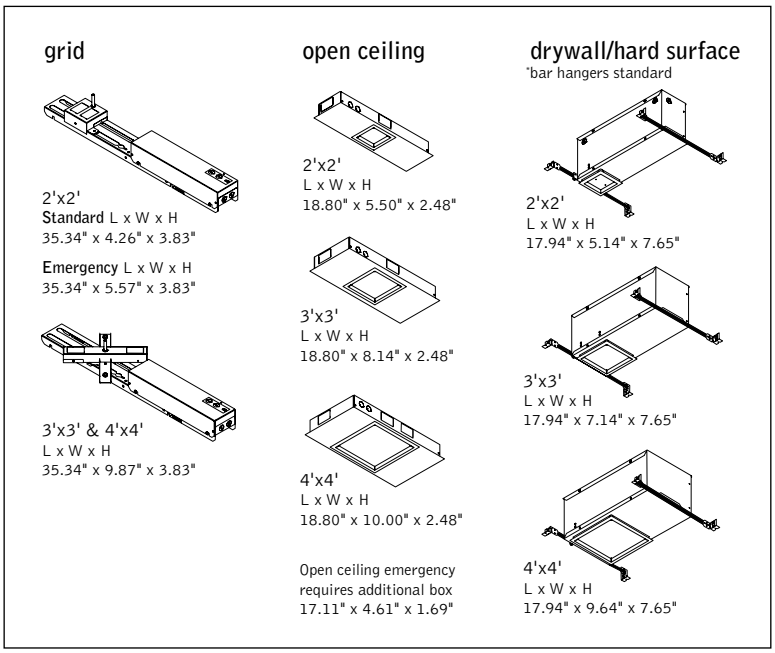
PRODUCT OVERVIEW

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 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 (WSPC, NLT1, 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 PLUS: Connected Light Module (Grid only. 0-10V standard. Consult factory for DALI.)	WSPC	
	Acuity nLight - 1% Dimming (Grid only. Not available with CP)	NLT1	
	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.

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%

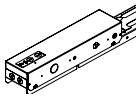
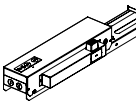
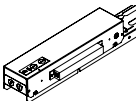
CONNECTED® SOLUTIONS

Nera®
LED

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

†Enabled: Luminaire supplied with a node/controller. Sensor to be provided by others.
˚Integrated (remote): Luminaire supplied with a sensor to be installed in a remote location by others.