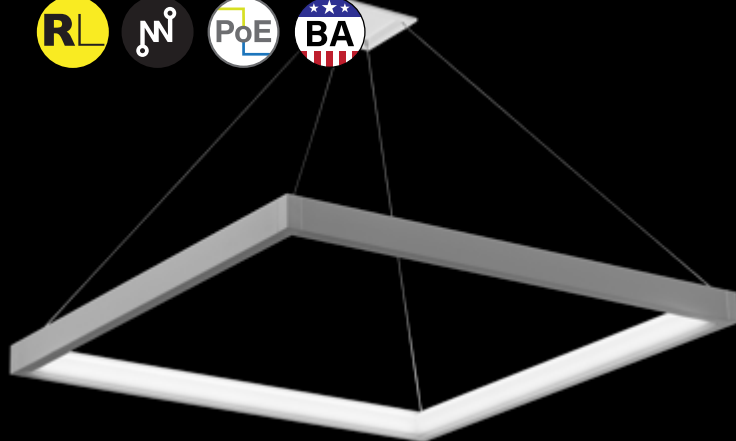
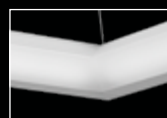




bottom detail



inside lens detail



canopy

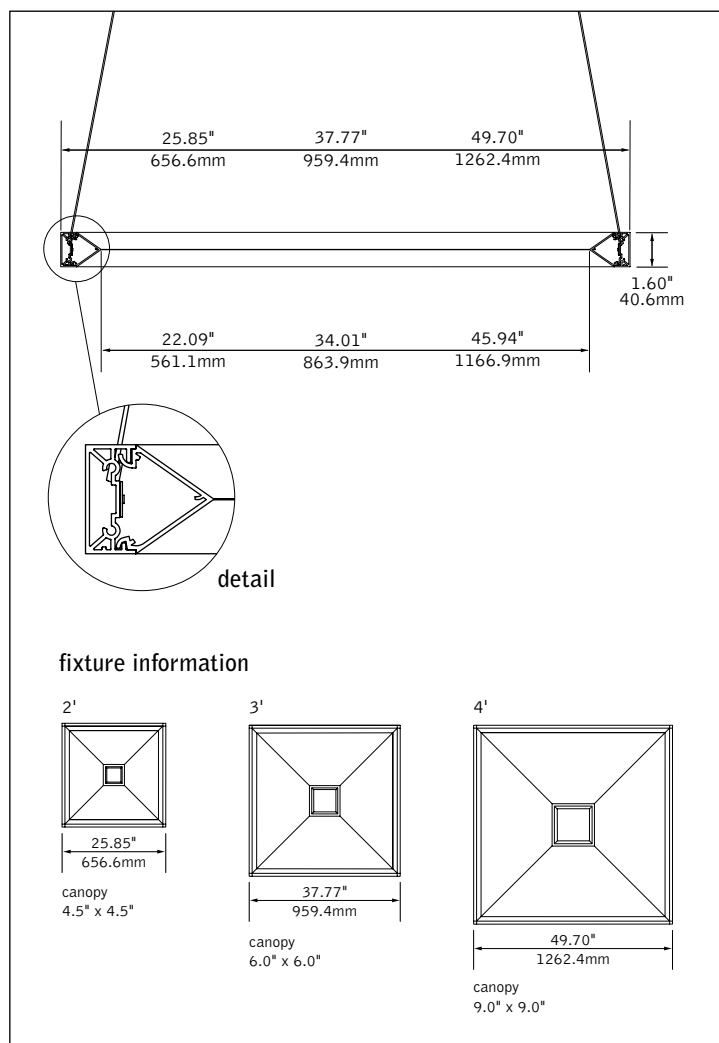


white finish



palladium finish

DIMENSIONAL DATA



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.

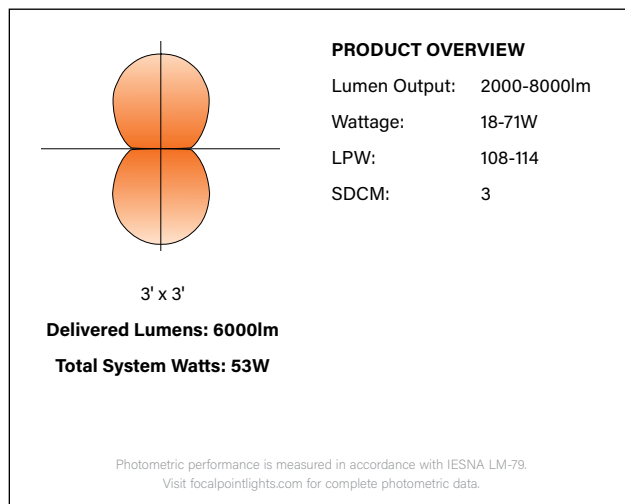
Features Power-Up suspension system which delivers power through the suspension cables and eliminates visual clutter of separate power cord.

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

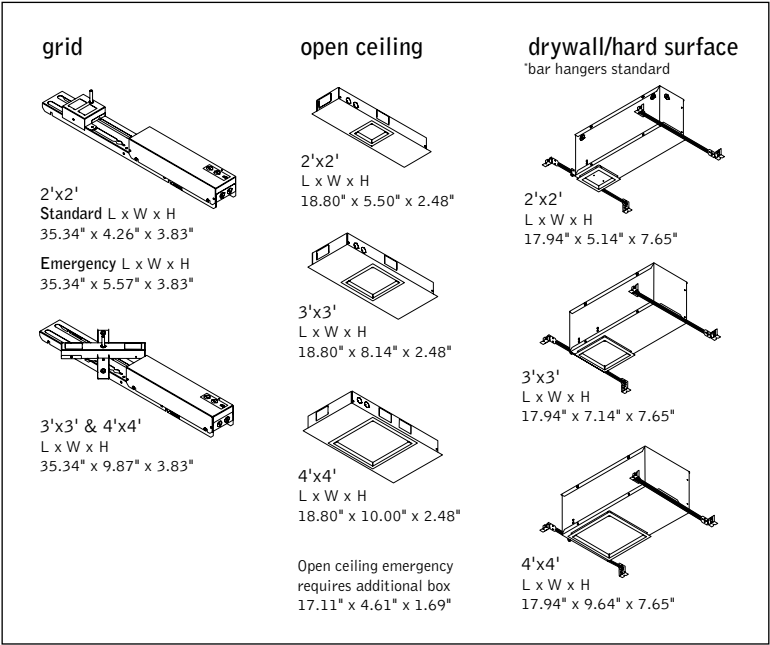
Choice of output levels to meet a wide variety of application needs.

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

PERFORMANCE



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, 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		
2000 Lumens		2000L
2500 Lumens		2500L
3000 Lumens		3000L
3500 Lumens		3500L
4000 Lumens		4000L
3000 Lumens		3000L
3750 Lumens		3750L
4500 Lumens		4500L
5250 Lumens		5250L
6000 Lumens		6000L
4000 Lumens		4000L
5000 Lumens		5000L
6000 Lumens		6000L
7000 Lumens		7000L
(Not available with D11 or NLT1)		
8000 Lumens		8000L
(Not available with D11 or NLT1)		
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		LVN
(No driver. Not available with EM or EC. LV Voltage only.)		
Lutron Hi-Lume EcoSystem (LDE1) -		LH1
1% Dimming		
DALI - 1% Dimming		D11
Wattstopper DLM - 1% Dimming		DLM1
(Grid only. Not available with CP)		
Wattstopper Fixture Sensor		LMFS1
Low Density - 1% Dimming		
(Remote mounted sensor)		
Wattstopper Fixture Sensor		LMFSD
High Density - 1% Dimming		
(Remote mounted sensor)		
Acuity nLight - 1% Dimming		NLT1
(Grid only. Not available with CP)		
Enceium CLM Connected Lighting		CLM1
Module - 1% Dimming		
(Grid only.)		
Current NX Enabled - 1% Dimming		NXE1
(Grid only. Not available with CP)		
WaveLinux Pro - 1% Dimming		WLXP
(Remote mounted sensor)		
Mounting		
Grid Accessible Ceiling		G
(Consult factory for TechZone Ceilings.)		
Drywall / Hard Surface		HS
(Not available with Emergency Battery)		
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 Sleeve		CCS
(May be required by local code)		
Chicago Plenum		CP
(Not available with flex whip)		
(Not available with Open Ceiling mounting.		
CCS shipped standard with CP option)		
Emergency Circuit		EC
Emergency Battery		EM
(Test switch in canopy. Not available with HS mounting.)		
Finish		
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
 legrand WATTSTOPPER [®]							Wired	
	DLM1	LMFC-011	DLM	DLM	Enabled	No		Advance by Signify, Optotronic by eldoLED
	LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated Remote	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	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
 LUTRON	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	Lutron Hi-Lume
 nLIGHT							Wired	
	NLT1	nEPS-60-IO	nLight	nLight	Enabled	No		eldoLED ECoDrive, eldoLED SOLOdrive
 NX LIGHTING CONTROLS							Wired	
	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No		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.