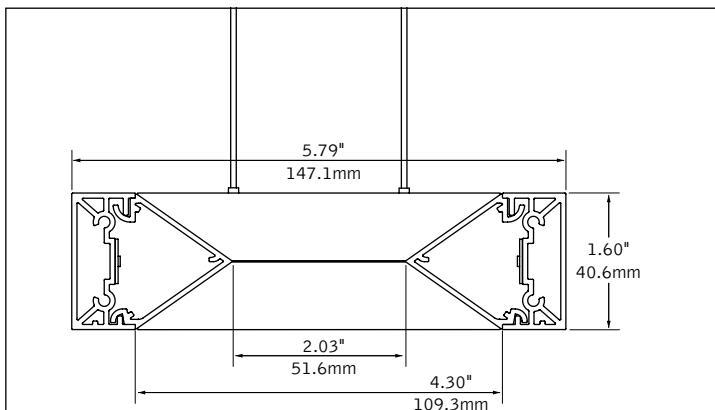
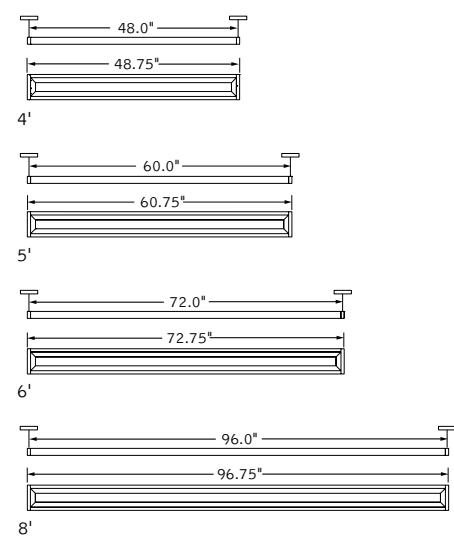


## DIMENSIONAL DATA



### fixture information



## FEATURES

Unique aesthetic inspired by the visual void design philosophy. Luminaire lengths available in 4', 5', 6' and 8' lengths as well as continuous rows.

Frosted acrylic optical diffuser produces 40/60, 60/40 or 70/30 light distributions.

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

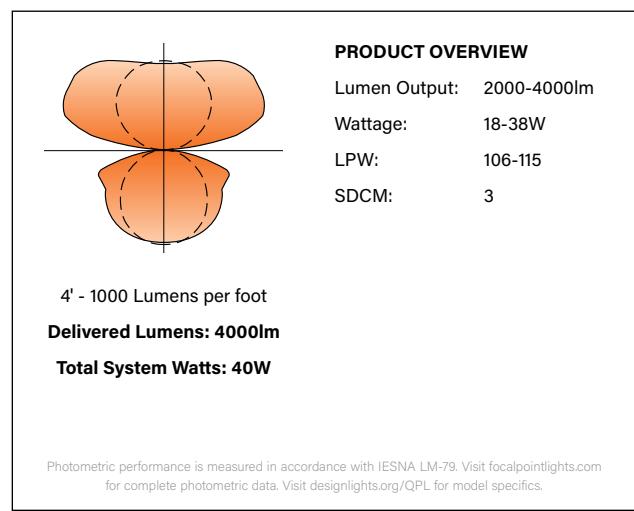
Installations include grid, drywall and surface-mount/open ceilings.

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

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.

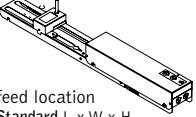
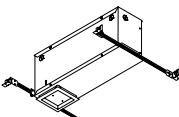
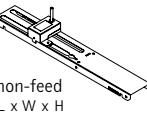
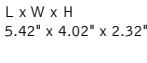
## PERFORMANCE



fixture:

project:

**DETAILS**

grid	open ceiling	drywall/hard surface
		
feed location 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"	feed location L x W x H 18.50" x 5.50" x 2.38"  non-feed L x W x H 5.42" x 4.02" x 2.32"	feed location L x W x H 17.94" x 5.14" x 7.65"  non-feed L x W x H 7.34" x 5.05" x 3.90"  canopy L x W 4.00" x 2.00"
		

**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, 3 SDCM.

**Construction**

Extruded aluminum rails with die-cast aluminum end-caps. 4' unit weight: 4.8lbs. 5' unit weight: 5.9lbs. 6' unit weight: 7.0lbs. 8' unit weight: 9.8lbs.

**Optic**

0.125" thick extruded acrylic lens.

**Mounting**

White satin acrylic canopies provided for below ceiling access. Canopies are field paintable. Minimum mounting height: 12"

**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. PoE runs require an independent PoE node and power feed for each luminaire section.

**Emergency**

Emergency Battery 10W output for 90 minutes. Maximum mounting height: 15ft. 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.

**4 PERFORMANCE CHART**

Lumen Output	Delivered Lumens	System Watts		LPW	
		40/60	60/40 & 70/30	40/60	60/40 & 70/30
500LF	2000	18.1	17.7	110	114
625LF	2500	22.8	22.0	110	115
750LF	3000	27.6	26.6	109	114
875LF	3500	32.6	31.2	107	113
1000LF	4000	37.8	36.0	106	111

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

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

**ORDERING****Luminaire Series**

Nera Shielding	FNRS
Frosted Lens - 40 Indirect / 60 Direct Distribution	FL40
Frosted Lens - 60 Indirect / 40 Direct Distribution	FL60
Frosted Lens - 70 Indirect / 30 Direct Distribution	FL70
<b>Lumen Output</b>	
500 Lumens per foot	500LF
625 Lumens per foot	625LF
750 Lumens per foot	750LF
875 Lumens per foot	875LF
(Not available with D11 or NLT1)	
<b>1000 Lumens per foot</b>	<b>1000LF</b>
(Not available with D11 or NLT1)	
<b>Color Temperature</b>	
3000K	30K
3500K	35K
4000K	40K
<b>Circuits</b>	
Single Circuit	1C
<b>Voltage</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
<b>Low Voltage, PoE compatible</b>	
(No driver. Not available with EM or EC. LV Voltage only)	
<b>Lutron Hi-Lume EcoSystem (LDE1) -</b>	
1% Dimming	LH1
DALI - 1% Dimming	D11
(Not available with 875 & 1000 Lumens.)	
<b>Wattstopper DLM - 1% Dimming</b>	
(Grid only. Not available with CP)	DLM1
<b>Wattstopper Fixture Sensor*</b>	
Low Density - 1% Dimming	LMFS1
(Remote mounted sensor)	
Wattstopper Fixture Sensor*	
High Density - 1% Dimming	
(Remote mounted sensor)	
Acuity nLight - 1% Dimming	NLT1
(Grid only. Not available with CP)	
Encelium CLM Connected Lighting Module - 1% Dimming	CLM1
(Grid only)	
<b>Current NX Enabled - 1% Dimming</b>	
(Grid only. Not available with CP)	NXE1
<b>WaveLinx Pro - 1% Dimming</b>	
(Remote mounted sensor.)	WLXP
<b>Mounting</b>	
Grid Accessible Ceiling	G
(Consult factory for TechZone Ceilings.)	
Drywall / Hard Surface	HS
(Not available with Emergency Battery)	
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 Sleeving	CCS
(May be required by local code)	
Chicago Plenum	CP
(Not available with Open Ceiling mounting. CCS shipped standard with CP option)	
<b>Emergency Circuit</b>	
Emergency Battery	EM
(Test switch in canopy. Not available with HS mounting.)	
<b>Finish</b>	
Palladium Silver	PS
White	WH
<b>Luminaire Run Length</b>	
4'	4'
5'	5'
6'	6'
8'	8'
<b>Run Configuration</b>	
all 4' housings	C4
all 5' housings	C5
all 6' housings	C6
all 8' housings	C8
<b>Mixed housing lengths</b>	
(consult run guide for standard configurations up to 48')	M

Ordering example: Specify both total Luminaire Run Length and a Run Configuration FNRS-FL60-625LF-35K-1C-UNV-LD1-G-CLV48-WH-24-C8

For more information visit [focalpointlights.com/reference](http://focalpointlights.com/reference) or consult factory.

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.<sup>†</sup>

Connected Solution	Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers	
 WATTSTOPPER®	DLM1	LMFC-011	DLM	DLM	Enabled <sup>†</sup>	No	Wired	<b>Advance by Signify</b> , Optotronic by eldoLED	
	LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated (remote) <sup>3</sup>	No	Wireless		
	LMFSD	LMFS-601							
	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated (remote) <sup>3</sup>	No	Wireless (WaveLinx Pro Wireless Area Controller)	<b>Advance by Signify</b>	
	D11	Specified Driver	DALI	Crestron Züm Wireless & SpaceBuilder	Enabled <sup>†</sup>	No	Wired	eldoLED ECodrive	
	L11		0-10V					<b>Advance by Signify</b>	
	CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled <sup>†</sup>	No	Wireless	<b>Optotronic by eldoLED</b> Advance by Signify	
	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled <sup>†</sup>	No	Wired	<b>Lutron Hi-Lume</b>	
	NLT1	nEPS-60-IO	nLight	nLight	Enabled <sup>†</sup>	No	Wired	eldoLED ECodrive, eldoLED SOOdrive	
	NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled <sup>†</sup>	No	Wired		
								<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. <sup>†</sup>Controls systems supplied by others. <sup>‡</sup>Enabled: Fixture supplied with a Node/ Controller. Sensor to be provided by others. <sup>3</sup>Integrated (remote): Fixture supplied with a Sensor. To be installed in a remote location by others.

## RUN GUIDE

### EXAMPLE 15' RUN - FNRS-FL60-625LF-35K-1C-UNV-LD1-G-CLV48-WH-15-C5



### EXAMPLE 20' RUN - FNRS-FL60-625LF-35K-1C-UNV-LD1-G-CLV48-WH-20-M



## STANDARD RUNS

Luminaire Run Length (ft)	Run Configuration	Run Configuration Code
4	4'	C4
5	5'	C5
6	6'	C6
8	8'	C8
12	8' + 4'	M
16	8' + 8'	C8
20	8' + 4' + 8'	M
24	8' + 8' + 8'	C8
30	8' + 8' + 8' + 6'	M
32	8' + 8' + 8' + 8'	C8
36	8' + 8' + 8' + 8' + 4'	M
40	8' + 8' + 8' + 8' + 8'	C8
44	8' + 8' + 8' + 8' + 8' + 4'	M
48	8' + 8' + 8' + 8' + 8' + 8'	C8

## NON- STANDARD RUNS

Luminaire Run Length (ft)	Run Configuration	Run Configuration Code
8	4' + 4'	C4
10	5' + 5'	C5
12	4' + 4' + 4'	C4
12	6' + 6'	C6
14	8' + 6'	M
15	5' + 5' + 5'	C5
16	4' + 4' + 4' + 4'	C4
18	6' + 6' + 6'	C6
20	4' + 4' + 4' + 4' + 4'	C4
20	5' + 5' + 5' + 5'	C5
24	4' + 4' + 4' + 4' + 4' + 4'	C4
24	6' + 6' + 6' + 6'	C6
25	5' + 5' + 5' + 5' + 5'	C5
28	4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
28	8' + 6' + 6' + 8'	M
30	5' + 5' + 5' + 5' + 5' + 5'	C5
30	6' + 6' + 6' + 6' + 6'	C6
32	4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
35	5' + 5' + 5' + 5' + 5' + 5'	C5
36	4' + 4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
36	6' + 6' + 6' + 6' + 6' + 6'	C6
38	8' + 8' + 8' + 8' + 6'	M
40	4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
40	5' + 5' + 5' + 5' + 5' + 5' + 5'	C5
42	6' + 6' + 6' + 6' + 6' + 6'	C6
44	4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
45	5' + 5' + 5' + 5' + 5' + 5' + 5'	C5
46	8' + 8' + 8' + 8' + 8' + 6'	M
48	4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
48	6' + 6' + 6' + 6' + 6' + 6' + 6'	C6
>48	Consult Factory	Consult Factory