



bottom detail



inside lens detail



grid ceiling canopy



white finish

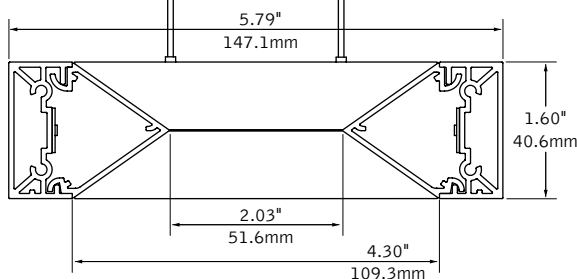


palladium finish

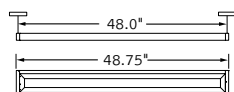


drywall canopy

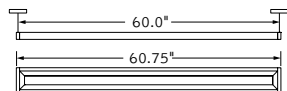
## DIMENSIONAL DATA



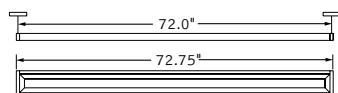
## fixture information



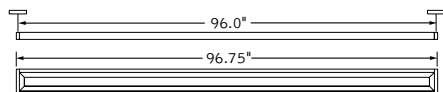
4'



5'



6'



8'

## 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.

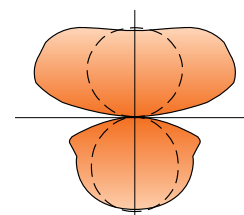
Installations include grid, drywall and surface-mount/open ceilings.

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



4' - 1000 Lumens per foot

**Delivered Lumens: 4000lm**

**Total System Watts: 40W**

## PRODUCT OVERVIEW

Lumen Output: 2000-4000lm

Wattage: 18-38W

LPW: 106-115

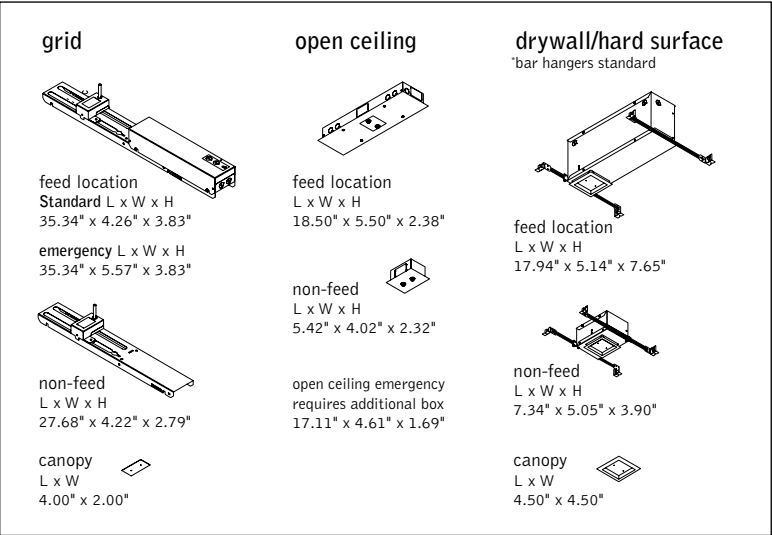
SDCM: 3

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

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, 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: 70lbs. 8' unit weight: 9.8lbs.

Optic

0125" 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, LMFS1, 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	181	17.7	110	114
625LF	2500	22.8	22.0	110	115
750LF	3000	276	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


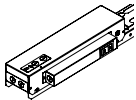



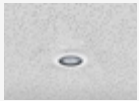

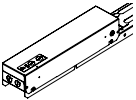

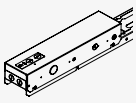

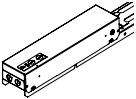

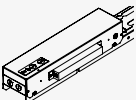



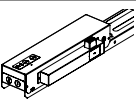
FNRS

Nera	FNRS
Shielding	
Frosted Lens -	FL40
40 Indirect / 60 Direct Distribution	
Frosted Lens -	FL60
60 Indirect / 40 Direct Distribution	
Frosted Lens -	FL70
70 Indirect / 30 Direct Distribution	
Lumen Output	
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)	
1000 Lumens per foot	1000LF
(Not available with D11 or NLT1)	
(Consult factory for higher light levels)	
Color Temperature	
3000K	30K
3500K	35K
4000K	40K
Circuits	1C
Single Circuit	1C
Voltage	
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
(Not available with 875 or 1000 Lumens.)	
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*	LMFS1
High Density - 1% Dimming	
(Remote mounted sensor)	
Acuity nLight - 1% Dimming	NLT1
(Grid only. Not available with CP)	
Encelium CLM Connected Lighting	CLM1
Module - 1% Dimming	
(Grid only.)	
Current NX Enabled - 1% Dimming	NXE1
(Grid only. Not available with CP)	
WaveLinx Pro - 1% Dimming*	WLXP
(Remote mounted sensor)	
*See sensor layout guide	
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 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
Luminaire Run Length	
4'	4'
5'	5'
6'	6'
8'	8'
Run Configuration	
all 4' housings	C4
all 5' housings	C5
all 6' housings	C6
all 8' housings	C8
Mixed housing lengths	M
(consult run guide for standard configurations up to 48')	

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

For more information visit 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.†

Connected Solution		Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers
  WATTSTOPPER®		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired 	<b>Advance by Signify,</b> Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated Remote	No	Wireless	<b>Advance by Signify</b>
		LMFSD	LMFS-601						<b>Optotronic by eldoLED (Dexal)</b>
		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated Remote	No	Wireless (WaveLinx Pro Wireless Area Controller)	<b>Advance by Signify</b>
		D11	Specified Driver	DALI	Crestron Züm Wireless & SpaceBuilder	Enabled	No	Wired	<b>eldoLED ECOdrive</b>
		L11		0-10V					<b>Advance by Signify</b>
		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	<b>Optotronic by eldoLED</b> Advance by Signify
		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	<b>Lutron Hi-Lume</b>
		NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired 	<b>eldoLED ECOdrive,</b> eldoLED SOLOdrive
		NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired 	<b>Optotronic by eldoLED</b>
									

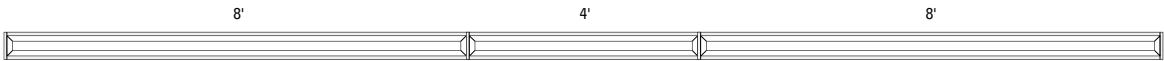
\*Not all compatible networks may be listed. \*\*For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold**. To specify a particular driver please consult factory.  
†Controls systems supplied by others.

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' + 4'	C4
35	5' + 5' + 5' + 5' + 5' + 5' + 5'	C5
36	4' + 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' + 4'	C4
40	5' + 5' + 5' + 5' + 5' + 5' + 5' + 5'	C5
42	6' + 6' + 6' + 6' + 6' + 6' + 6'	C6
44	4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4' + 4'	C4
45	5' + 5' + 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' + 4' + 4'	C4
48	6' + 6' + 6' + 6' + 6' + 6' + 6' + 6' + 6'	C6
>48	Consult Factory	Consult Factory