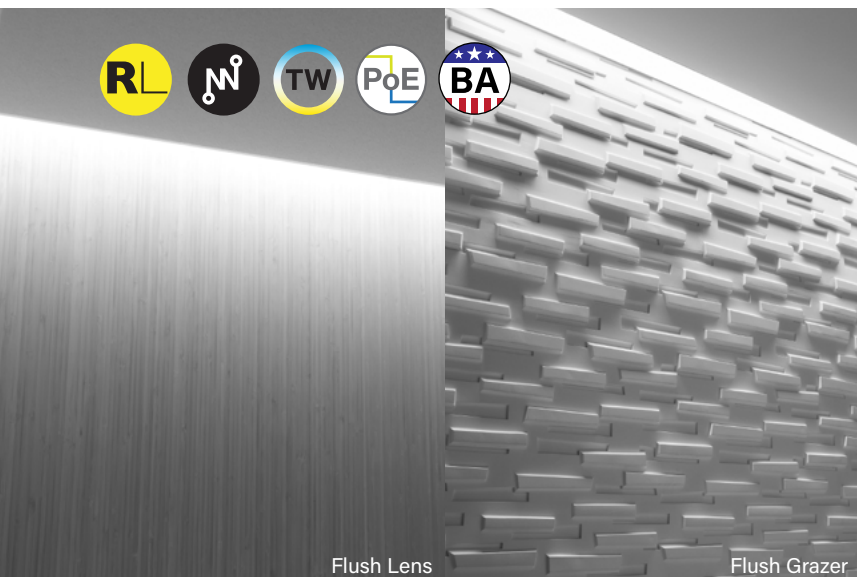


Seem® 4

LED PERIMETER



Flush Lens

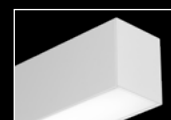
Flush Grazer



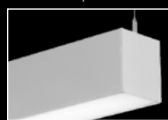
recessed companion



wall to ceiling companion



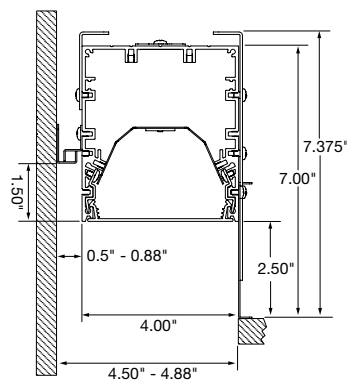
wall mount companion



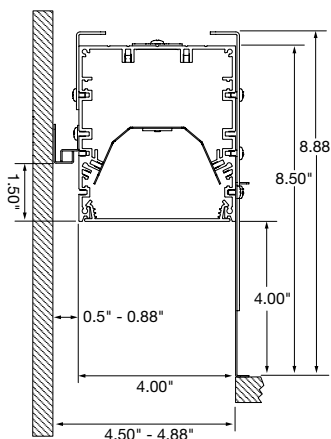
suspended companion

DIMENSIONAL DATA

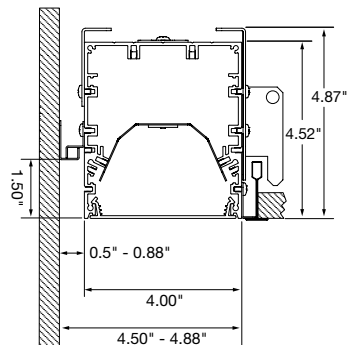
2.5" Regress (FL2/GR2) Drywall/hard ceiling



4.0" Regress (FL4/GR4) Drywall/hard ceiling



Flush (FL0/GR0/AF0) Lay-in Grid



Mounting Details

Regress options



Grid
15/16" or 9/16" Flat Tee
main runner required
at edge.



Drywall
Ceiling mounts below
housing (structure by
others).

Flush



Lay-in Grid



Slot Tee/
Regular



Mud-in
Drywall



Trim
Flange



Luminaire must be installed prior to drywall

FEATURES

Seem 4 perimeter provides a glowing transition between ceiling and wall with Flush, 1" regress, 2.5" regress or 4.0" regress lenses.

Grazer optic provides even vertical illumination and adds drama to a space by highlighting textured walls and architectural details.

Asymmetric Room Fill optic provides best efficacy and uniformity to light rooms and corridors from the perimeter.

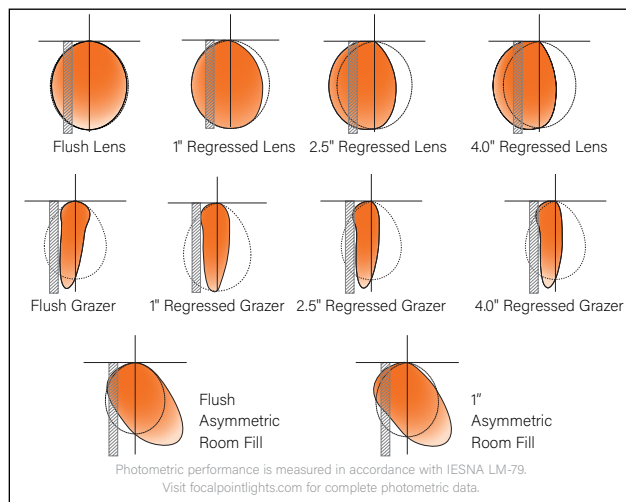
Adjustable housing option provides flexibility with +/- 3 inch adjustability for wall-to-wall illumination.

Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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.

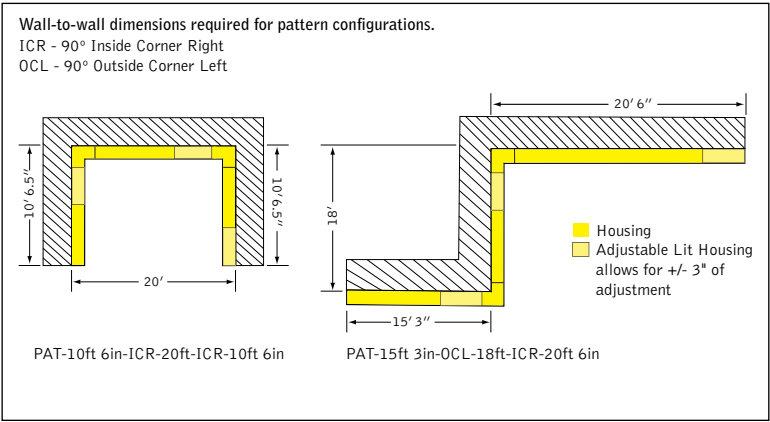
DISTRIBUTIONS



fixture:

project:

PATTERN CONFIGURATIONS



4' PERFORMANCE CHARTS

		FL0		FL1		FL2		FL4	
Lumen Output	Nominal Lumens	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	9.5	116	9.2	119	9.8	112	9.8	112
375LF	1500	12.1	124	11.7	128	12.8	117	12.5	120
625LF	2500	19.5	128	18.9	133	21.6	116	21.0	119
875LF	3500	28.5	123	27.5	127	30.5	115	29.7	118
1000LF	4000	32.9	122	31.6	126	35.3	113	34.3	117

Based on 3500K, 80 CRI, 4' lengths. Lumen multipliers: 90+ CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

		GR0		GR1		GR2		GR4	
Lumen Output	Nominal Lumens	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	8.8	125	9.0	122	9.3	119	9.5	115
375LF	1500	11.2	134	11.4	132	11.8	127	12.1	124
625LF	2500	17.9	139	18.3	137	19.0	132	19.6	128
875LF	3500	26.0	135	26.5	132	27.7	127	28.6	122
1000LF	4000	29.9	134	30.5	131	31.8	126	33.0	121

Based on 3500K, 80 CRI, 4' lengths. Lumen multipliers: 90+ CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

		AF0		AF1	
Lumen Output	Nominal Lumens	Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	8.7	127	8.8	125
375LF	1500	10.9	137	11.1	135
625LF	2500	17.5	143	17.9	140
875LF	3500	25.3	138	25.9	135
1000LF	4000	29.1	137	29.8	134

Based on 3500K, 80 CRI, 4' lengths. Lumen multipliers: 90+ CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.



10 DAY

Options in orange qualify for the Quickship program. Run lengths in 1' increments, 400' total. Refer to Quickship Guide for complete details.

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

STANDARD WHITE

Luminaire Series

Seem 4 LED Perimeter

Housing Type

Adjustable Lit Housing

(Allows for +/- 3" adjustment to overall run length. 3' minimum luminaire length.)

Fixed Housing

(not recommended for wall to wall installations)

Shielding

Flush Lens*

1.0" Regress

2.5" Regress

4.0" Regress

Flush Grazer*

1.0" Regress Grazer

2.5" Regress Grazer

4.0" Regress Grazer

Flush Asymmetric Room Fill*

1.0" Regress Asymmetric Room Fill

*(Not available with Unlit Sliding Sleeves - SSB)

Lumen Output

275 Lumens per foot

(Not available with Lutron Drivers.)

375 Lumens per foot

(Not available with LHT)

625 Lumens per foot

(3' minimum with LHT)

875 Lumens per foot

1000 Lumens per foot

Color Temperature

2700K, 80+ CRI or 90+ CRI

3000K, 80+ CRI or 90+ CRI

3500K, 80+ CRI or 90+ CRI

4000K, 80+ CRI or 90+ CRI

Circuits & Zones

1 Circuit, non-emergency

Consult Ordering Guide on page 5 for multiple circuiting and zoning options

Voltage

120/277 UNV Volt

Low Voltage

Control System & Dimming Level

0-10V - 10% Dimming

0-10V - 1% Dimming

Low Voltage, PoE compatible

(No driver. Not available with EM or EC. LV Voltage only)

Lutron Hi-Lume EcoSystem (LDE1) -

1% Dimming

DALI 1% Dimming

Wattstopper PLUS

Connected Light Module

(0-10V standard. Consult Factory for DALI)

Wattstopper PLUS²

SensiLUM Wireless Sensor

(0-10V standard. Consult Factory for DALI)

Lutron Athena Wireless Node^{1,2}

(0-10V standard. Consult Factory for DALI)

Lutron Athena Wireless Sensor^{1,2}

(0-10V standard. Consult Factory for DALI)

Acuity nLight - 1% Dimming¹

(Not available with CP)

Current NX Enabled - 1% Dimming¹

(Not available with CP)

WaveLinx Pro - 1% Dimming^{1,2}

See sensor layout guide

¹(3' minimum length, with FXH/EM - 7' minimum.

Not available with ALH.)

²(Remote mounted)

Mounting

Lay-in Grid

Slot Tee / Tegular

Trim Flange Drywall

Mud-in Trimless Drywall

Regressed (AF1, FL1, FL2, FL4, GR1, GR2 & GR4)

Grid

Trimless Drywall

Factory Options

(See Ordering Guide on page 5 for ordering details for DC, EC, EM & ECD.)

Chicago Plenum

(Not available with flex whip)

Daylight Circuit

Emergency Circuit

Emergency Battery Pack¹

Emergency Control Device¹

6' New York City Flex Whip (120V only)

6' New York City Flex Whip (277V only)

6' Flex Whip

Fixed Housing with Unlit Sliding Sleeves

(Set of two unlit 12" sleeves. Fixed housing in straight runs only. FL2, FL4, GR2 & GR4 only. 3' minimum luminaire length.)

Finish

Matte White Housing

Luminaire Length

Specify luminaire/row length in 1" increments

(2' minimum length)

Pattern Options

Specify patterns based on wall-to-wall dimensions

(See Pattern Configurations for example)

Example: FSM4PR-ALH-FL2-625LF-35K-1C-120-LD1-G-WH-PAT-10-ICR-20-ICR-10

FSM4PR

FSM4PR

ALH

FXH

FL0

FL1

FL2

FL4

GR0

GR1

GR2

GR4

AF0

AF1

275LF

375LF

625LF

875LF

1000LF

27K or 927K

30K or 930K

35K or 935K

40K or 940K

1C

_C_Z_DL

UNV

LV

LD1

L11

LVN

LH1

D11

WSPC

WSPS

LAW1

LAWS

NLT1

NXE1

WLXP

G

ST

TF

XFF

G

XF

CP

_DC

_EC

_EM

_ECD

FN1

FN2

FW

SSB

WH

ft in

_ft_in

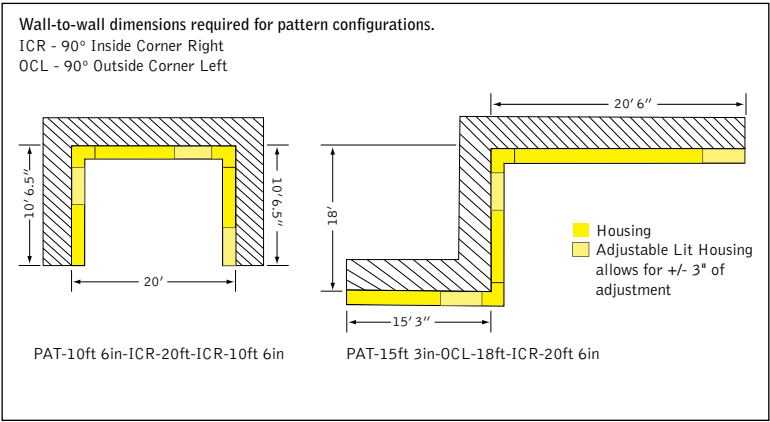
PAT

¹4' minimum length. 120/277 Volt only. EM or ECD not available at corners.

fixture:

project:

PATTERN CONFIGURATIONS



TW 4' PERFORMANCE CHARTS

		LPW							
Lumen Output	Nominal Lumens	FLO		FL1		FL2		FL4	
		Tested System Watts		Tested System Watts		Tested System Watts		Tested System Watts	
275LF	1100	11.3	98	11.0	100	11.6	95	11.6	95
375LF	1500	15.0	100	14.5	103	15.9	94	15.5	97
625LF	2500	24.8	101	23.9	105	27.4	91	26.6	94
875LF	3500	36.7	95	35.4	99	39.3	89	38.2	92
1000LF	4000	42.0	95	40.5	99	45.1	89	43.8	91

Based on 2700K, 90 CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

		LPW											
Lumen Output	Nominal Lumens	GR0		GR1		GR2		GR4		AF0		AF1	
		Tested System Watts		Tested System Watts		Tested System Watts		Tested System Watts		Tested System Watts		Tested System Watts	
275LF	1100	10.5	105	10.7	103	11.0	100	11.3	97	10.3	107	10.5	105
375LF	1500	13.9	108	14.1	106	14.6	103	15.1	100	13.6	111	13.8	109
625LF	2500	22.7	110	23.2	108	24.1	104	24.9	101	22.2	113	22.7	110
875LF	3500	33.5	105	34.2	102	35.6	98	36.8	95	32.6	107	33.3	105
1000LF	4000	38.3	105	39.0	102	40.7	98	42.2	95	37.2	107	38.1	105

Based on 2700K, 90 CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Lumen Multipliers

CRI	Multiplier
80+	1.16
90+	1.00

Wattage Multipliers

CCT	Multiplier
2700K	1.00
3000K	0.96
3500K	0.92
4000K	0.89
5000K	0.88
5700K	0.87



TUNABLE WHITE

Luminaire Series

Seem 4 LED Perimeter FSM4PR

Housing Type

Adjustable Lit Housing ALH
(Allows for +/- 3" adjustment to overall run length.
3' minimum luminaire length.)

Fixed Housing FXH
(not recommended for wall to wall installations)

Shielding

Flush Lens* FL0

1.0" Regress FL1

2.5" Regress FL2

4.0" Regress FL4

Flush Grazer* GR0

1.0" Regress Grazer GR1

2.5" Regress Grazer GR2

4.0" Regress Grazer GR4

Flush Asymmetric Room Fill AF0

1.0" Regress Asymmetric Room Fill AF1
*(Not available with Unlit Sliding Sleeves - SSB)

Lumen Output

275 Lumens per foot 275LF
(3' min with DITW, 4' min with LT1.)

375 Lumens per foot 375LF
(3' min with LT1.)

625 Lumens per foot 625LF

875 Lumens per foot* 875LF

1000 Lumens per foot* 1000LF
(3' 6" min with ALH)

Color Temperature

Tunable White: 2700-6500K, 80+ CRI 2765T

Tunable White: 2700-6500K, 90+ CRI 92765T

Circuits & Zones

1 Circuit, non-emergency 1C

Consult Ordering Guide on page 5 for multiple circuiting and zoning options

Voltage

120/277 UNV Volt UNV

Control System & Dimming Level

DALI - 1% Dimming D1TW
(DT6 control. Requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8.)

Acuity nLight - 1% Dimming NLT1
(Not available with CP)
†(Consult factory)

Mounting

Flush Lay-in Grid G
(FL0, GR0 & AF0) Slot Tee / Tegular ST
Trim Flange Drywall TF
Mud-in Trimless Drywall XFF

Regressed Grid G
(AF1, FL1, FL2, FL4, GR1, GR2 & GR4) Trimless Drywall XF

Factory Options

(See Ordering Guide on page 5 for ordering details for DC, EC, EM & ECD.)

Chicago Plenum CP
(Not available with flex whip)

Daylight Circuit _DC

Emergency Circuit _EC

Emergency Battery Pack† _EM

Emergency Control Device† _ECD
†(Consult factory)

6' New York City Flex Whip (120V only) FNY1

6' New York City Flex Whip (277V only) FNY2

6' Flex Whip FW

Fixed Housing with Unlit Sliding Sleeves SSB
(Set of two unlit 12" sleeves. Fixed housing in straight runs only. FL2, FL4, GR2 & GR4 only. 3' minimum luminaire length.)

Finish

Matte White Housing WH

Luminaire Length

Specify luminaire/row length in 1" increments _ft_in
(2' minimum length)

Pattern Options

Specify patterns based on wall-to-wall dimensions PAT

(See Pattern Configurations for example)

Example: FSM4PR-ALH-FL2-625LF-35K-1C-120-LD1-G-WH-PAT-10-ICR-20-ICR-10

SPECIFICATIONS

LED System

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 2700K, 3000K, 3500K or 4000K with CRI>80 or CRI>90, 3 SDCM or Tunable White (2700K-6500K), CRI>80, >90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below.

Construction

One piece extruded aluminum housing. 20 Ga. steel end caps, bulkheads, sliding sleeve and regress leg. 4' unit weight: 19 lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" thick with satin finish, up to 8' continuous.

Electrical

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Dimming range 100% to 10%. 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

Output - 10 watts for 90 minutes. Maximum mounting height: 19.2ft. Emergency Circuit with Connected Solutions (WSPC, WSPS, 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: L70 > 61,000 hours	Calculated: L70 at > 480,000 hours
L90 > 61,000 hours	L90 at > 128,000 hours

(Derived from EPA T M-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.

Declare.

Seem Linear Luminaires Focal Point, LLC

Final Assembly: Chicago, IL, USA
Life Expectancy: 10 Year(s)
End of Life Options: Recyclable (55%), Landfill (45%)

Ingredients:

Aluminum Alloy 6063; UNS G10080 Steel Alloy; Small Electrical Components - RoHS Compliant¹; Copper; Polymethyl methacrylate; Steel; Poly(imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl); **Polyvinyl chloride**; Aluminum Alloy 6061; UNS S30400 Stainless Steel Alloy; Steel manufacture, chemicals; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Nylon 6; **Benzene, ethenyl-, homopolymer, brominated**; **Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)**; Tris(2-ethylhexyl) trimellitate; Zinc; Methyl methacrylate; Antimony oxide (Antimony trioxide); Kaolin, calcined; Octadecanoic acid, calcium salt; Steel, carbon

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

☐ LBC Red List Free	% Disclosed: 100% at 100ppm
☐ LBC Red List Approved	VOC Content: Not Applicable
☒ Declared	

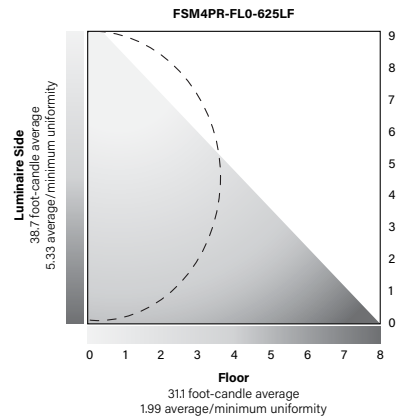
I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

FPL-0003
EXP. 01 FEB 2027
Original Issue Date: 2024

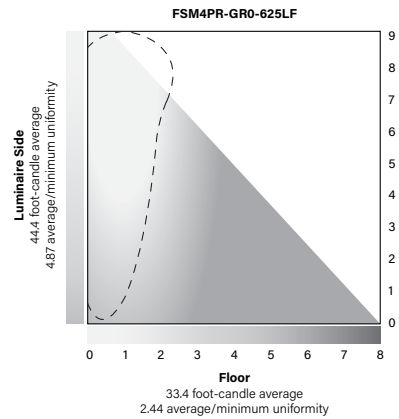
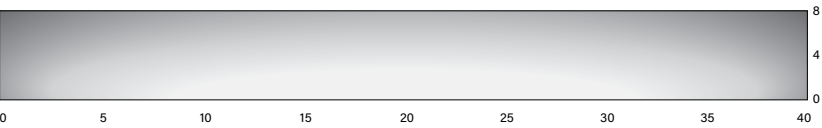
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

SELECTING THE BEST OPTIC FOR EACH APPLICATION

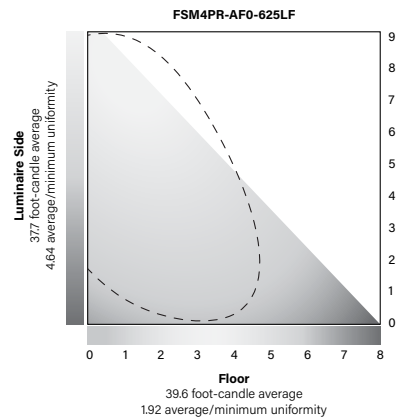
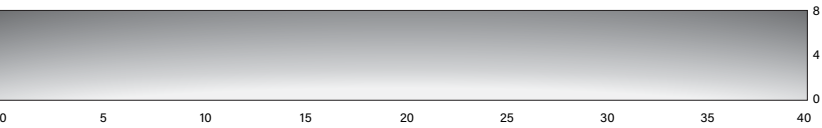
8' W x 40' L x 9' H Corridor | 80/50/20 Reflectances | 0.9 Light Loss Factor



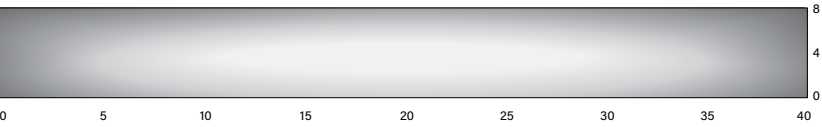
Standard Lens
The standard optic results in a Lambertian light distribution that provides uniform illumination. It is ideal to create a glowing transition between the walls and ceiling, adding dimension to the space.



Grazer Lens
The grazer optic closely grazes walls, highlighting textures and architectural details. It is intended to provide even illumination and deliver maximum visual impact on the vertical surfaces.



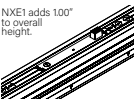
Asymmetric Room Fill Lens
The asymmetric room fill optic projects light into the space to evenly illuminate horizontal planes. It is ideal to light rooms and corridors from the perimeter, resulting in superior efficacy and uniformity on the floor.



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
 WATTSTOPPER®									
	WSPC	EN-ZBHA-CLM-DIM	ZigBee	Wattstopper PLUS	Node	Enabled†	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	WSPS	EN-CLM-PIR-DD-ZB	ZigBee	Wattstopper PLUS	Sensor	Integrated (Remote)®	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
 LUTRON									
	LAW1	A-WN-D01-RF-WH	Clear Connect	Athena Wireless	Node	Enabled (Remote)‡	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	LAWS	A-WN-D01-OCC-WH	Clear Connect	Athena Wireless	Sensor	Integrated (Remote)®	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
 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: Luminaire supplied with an installed sensor.

‡Enabled (remote): Luminaire supplied with a node/controller to be installed in a remote location by others.

Ordering Guide

Direct Only Linear Circuitry, Zones & Factory Options



HOW TO USE THIS GUIDE

Fill out the worksheet on the following page to specify your requirements for circuitry, zones, and factory options.

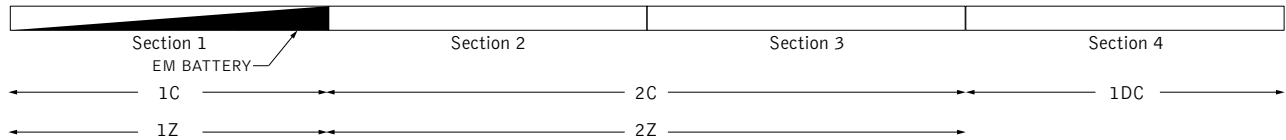
Refer to the run chart for standard run configurations, consult factory for custom configurations.

Complete the Totals / Ordering Codes at the bottom of the worksheet and add to your ordering logic on the cut sheet.

Submit the worksheet along with your order.

EXAMPLE	TOTAL RUN LENGTH: 32ft		JOB NAME:			FIXTURE TYPE:			
	HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
						SEPARATE ELECTRICAL FEEDS			EM
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
	1	8	1C	1Z					1EM
	2	8	2C	2Z					
	3	8	2C	2Z					
	4	8				1DC			
	Totals / Ordering Codes		2C	2Z		1DC			1EM

ORDERING: FSM4L-FL-625LF-35K- 2C2Z -UNV-LD1-G2- 1DC-1EM -WH-32ft



KEY

C = Switching Circuit
Switched Hot / Shared Neutral

Z = Dimming Zone
Dimming Control Wires

DL = Daylight Zone
Daylight Dimming Control Wires

DC = Daylight Circuit
Switched Hot / Separate Neutral

EC = Emergency Circuit
Switched Hot / Separate Neutral

EM = Emergency Battery
Unswitched Hot / Shared Neutral

ECD = Emergency Control Device
Unswitched Hot / Separate Neutral

DEFAULTS

- Zones and Factory Options illuminate entire sections from 4' to 8' in length.
- One shared or isolated circuit and zone required per housing section.
- Limit of one EM or ECD per housing section.
- Additional electrical feed required for applications greater than three shared circuits and zones.
- Each DC, EC and ECD require an additional electrical feed.
- ECD not available in the same housing section as EC.
- Longer lead times and additional pricing may apply for custom run configurations.

CUSTOM LENGTHS

- If partial illumination of emergency or daylight section is required, indicate in ordering guide and add "partial illumination" in Order Notes. Drawing required.
- Engineering validation required, longer lead times may apply.

Ordering Guide Worksheet

Linear Circuitry, Zones & Factory Options



TOTAL RUN LENGTH: _____		JOB NAME: _____			FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			EM
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Totals / Ordering Codes								

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

RUN CHART

Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths
9	5 + 4	21	8 + 8 + 5	33	8 + 8 + 8 + 5 + 4	45	8 + 8 + 8 + 8 + 8 + 5
10	6 + 4	22	8 + 8 + 6	34	8 + 8 + 8 + 6 + 4	46	8 + 8 + 8 + 8 + 8 + 6
11	7 + 4	23	8 + 8 + 7	35	8 + 8 + 8 + 7 + 4	47	8 + 8 + 8 + 8 + 8 + 7
12	8 + 4	24	8 + 8 + 8	36	8 + 8 + 8 + 8 + 4	48	8 + 8 + 8 + 8 + 8 + 8
13	8 + 5	25	8 + 8 + 5 + 4	37	8 + 8 + 8 + 8 + 5		
14	8 + 6	26	8 + 8 + 6 + 4	38	8 + 8 + 8 + 8 + 6		
15	8 + 7	27	8 + 8 + 7 + 4	39	8 + 8 + 8 + 8 + 7		
16	8 + 8	28	8 + 8 + 8 + 4	40	8 + 8 + 8 + 8 + 8		
17	8 + 5 + 4	29	8 + 8 + 8 + 5	41	8 + 8 + 8 + 8 + 5 + 4		
18	8 + 6 + 4	30	8 + 8 + 8 + 6	42	8 + 8 + 8 + 8 + 6 + 4		
19	8 + 7 + 4	31	8 + 8 + 8 + 7	43	8 + 8 + 8 + 8 + 7 + 4		
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8 + 8 + 8 + 8 + 8 + 4		

Standard run configurations, consult factory for custom configurations.