Seem® 4 Grid Ceiling

LED
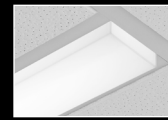
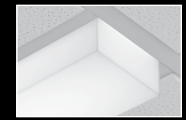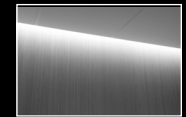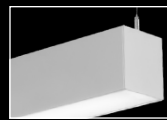|		
regress lens	0.5" pop-down lens	1.5" pop-down lens
drywall/hard ceiling companion	wall to ceiling companion	perimeter companion
suspended companion		

DIMENSIONAL DATA

Flush, Asymmetric & Batwing Options
Lay-in — T4V — Tegular detail
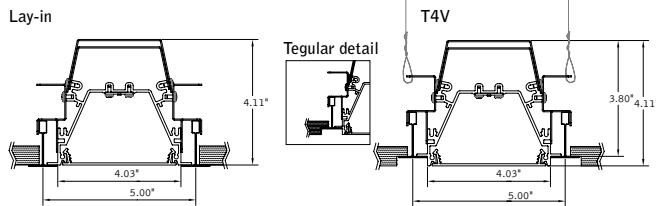
Regress Lens Options
Lay-in — T4V

Pop-Down Lens Options
Lay-in 1.5" — Tegular detail — T4V 1.5" — 0.5"
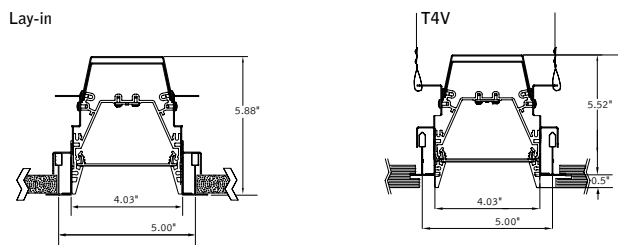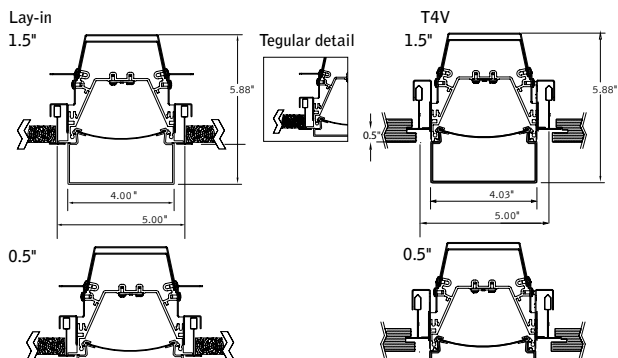
FEATURES

4" aperture recessed slot LED integrates with grid ceilings for a clean, unobtrusive aesthetic.

Individual units and continuous runs in 1" increments.

Available in flush, asymmetric, asymmetric room fill, batwing, regress, 0.5" or 1.5" pop-down lens.

LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

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

Flush Lens	Asymmetric Lens	Asymmetric Room Fill
Regressed Lens	Pop-Down Lens	Batwing Lens
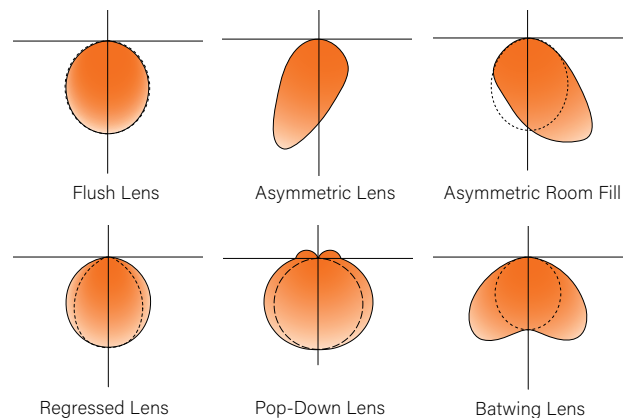
Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

DETAILS

Standard Patterns with 90° Corners

'L' Patterns - A'xB'

Overall Length 'A'
Overall Length 'B'
start
Order: 8'x6'

Overall Length 'B'
Overall Length 'A'
start
Order: 6'x8'

Rectangular Patterns - A'xB'R

Overall Length 'B'
Overall Length 'A'
start
Order: 8'x6'R
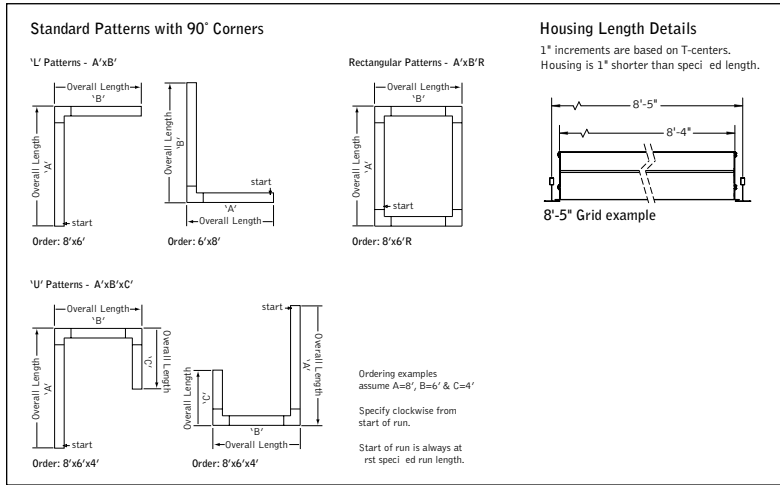
'U' Patterns - A'xB'xC'

Overall Length 'B'
Overall Length 'A'
Overall Length 'C'
start
Order: 8'x6'x4'

start
Overall Length 'A'
Overall Length 'C'
Overall Length 'B'
start
Order: 8'x6'x4'

Housing Length Details

1" increments are based on T-centers.
Housing is 1" shorter than specified length.

8'-5"
8'-4"

8'-5" Grid example

Ordering examples assume A=8', B=6' & C=4'

Specify clockwise from start of run.

Start of run is always at first specified run length.

4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	BW Tested System Watts	BW LPW	FL Tested System Watts	FL LPW	AS Tested System Watts	AS LPW	AF Tested System Watts	AF LPW
275LF	1100	8.8	125	9.1	121	8.5	130	8.6	128
375LF	1500	11.3	133	11.7	129	10.8	138	11.0	137
625LF	2500	19.0	131	19.7	127	18.3	137	18.5	135
875LF	3500	27.0	129	27.9	125	25.9	135	26.2	133
1000LF	4000	31.1	129	32.2	124	29.8	134	30.2	132
1125LF	4500	35.4	127	36.6	123	33.9	133	34.4	131
1250LF	5000	39.8	126	41.2	121	38.1	131	38.6	129

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

4' PERFORMANCE CHART - REGRESS

Lumen Output	Nominal Lumens	SR Tested System Watts	SR LPW	SRXP Tested System Watts	SRXP LPW
275LF	1100	9.4	117	8.7	127
375LF	1500	12.5	120	11.1	135
625LF	2500	21.1	118	18.7	134
875LF	3500	30.0	117	26.5	132
1000LF	4000	34.6	116	30.6	131
1125LF	4500	39.5	114	34.8	129
1250LF	5000	44.4	113	39.0	128

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

4' PERFORMANCE CHART - POP-DOWN

Lumen Output	Nominal Lumens	0.5" Tested System Watts	0.5" LPW	1.5" Tested System Watts	1.5" LPW
275LF	1100	11.0	100	11.9	93
375LF	1500	14.7	102	15.8	95
625LF	2500	25.0	100	27.0	93
750LF	3000	30.3	99	32.7	92
875LF	3500	35.7	98	38.6	91
1000LF	4000	41.3	97	44.7	89

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

QS 10 DAY Options in orange qualify for the Quickship program. 1000' total, 48' maximum per pattern section. Refer to Quickship Guide for complete details including EM/EC options.

STANDARD WHITE

		FSM4L
Luminaire Series		
Seem 4 LED	FSM4L	

Shielding
Asymmetric Lens — AS
Asymmetric Room Fill — AF
Batwing Lens — BW
Flush Satin Lens — FL
Regress Lens — SR
Regress High Performance Lens — SRXP
0.5" Pop-Down Lens (750LF max.) — PD05
1.5" Pop-Down Lens (750LF max. individual units only) — PD15

Lumen Output
275 Lumens per foot (Not available with LH1.) — 275LF
375 Lumens per foot (Not available with LH1.) — 375LF
625 Lumens per foot — 625LF
(BW, FL & SR 3' min. individual units only with LH1. SRXP 4' min. individual units only with LH1.)
750 Lumens per foot (Pop-Down Lenses only) — 750LF
875 Lumens per foot — 875LF
(SR & SRXP 3' min. individual units only with LH1.)
1000 Lumens per foot — 1000LF
1125 Lumens per foot — 1125LF
1250 Lumens per foot — 1250LF

Color Temperature
2700K, 80+ CRI or 90+ CRI — 27K or 927K
3000K, 80+ CRI or 90+ CRI — 30K or 930K
3500K, 80+ CRI or 90+ CRI — 35K or 935K
4000K, 80+ CRI or 90+ CRI — 40K or 940K

Circuits & Zones
1 Circuit, non-emergency — 1C
Consult Ordering Guide on page 6 for multiple circuiting and zoning options — _C_Z_DL

Voltage
120/277 UNV 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) - 1% Dimming (625LF min.) — LH1
DALI 1% Dimming (1000LF max.) — D11
Wattstopper DLM - 1% Dimming** — DLM1
Wattstopper Fixture Sensor Low Density –** 1% Dimming — LMFS1
Wattstopper Fixture Sensor High Density –** 1% Dimming — LMFSD
Lutron Athena Wireless Node** — LAW1
Lutron Athena Wireless Sensor** — LAWS
Acuity nLight - 1% Dimming** — NLT1
Enlighted Smart Sensor - 1% Dimming** — ENL1
Encelium CLM Connected Lighting Module -** 1% Dimming — CLM1
Current NX Enabled – 1% Dimming** — NXE1
WaveLinx Pro – 1% Dimming** — WLXP
**(3' min. length. 7' min. length with ECD/EM. Not available with Pop-Down Lenses.) See sensor layout guide

Ceiling Configuration
Std. 15/16" Lay-in or Std. 15/16" Tegular — G1 or T1
Std. 9/16" Lay-in or Std. 9/16" Tegular — G2 or T2
9/16" Slot-tee Tegular — G3
Tall 15/16" Lay-in or Tall 15/16" Tegular — G4 or T4
Tall 15/16" Tegular for specialty ceilings (0.5" drop.) — T4V
Tall 9/16" Lay-in or Tall 9/16" Tegular — G5 or T5
Node 9/16" Tegular — T6

Factory Options
(See page 6 for ordering details for DC, EC, EM & ECD.)
Chicago Plenum — CP
(Not available with Flex Whip, DLM1, NLT1 or NXE1.)
Daylight Circuit — _DC
Emergency Circuit — _EC
Emergency Battery Pack† — _EM
Emergency Control Device† — _ECD
†(4' minimum. 6' minimum with patterns. Not available at corners. 120/277 Volt only.)
6' New York City Flex Whip 120V or 277V — FNY1 or FNY2
6' Flex Whip — FW

Finish — WH
Matte White Housing — WH

Luminaire Length — ft   in
Specify luminaire/row length in 1" increments — _ft _in
(2' minimum, lengths are nominal. 1" increments based on T-centers. Housing length is 1" shorter than specified. Leave blank for patterns. Smaller increments available, consult factory. Individual units cannot be joined in the field.)

Pattern Options
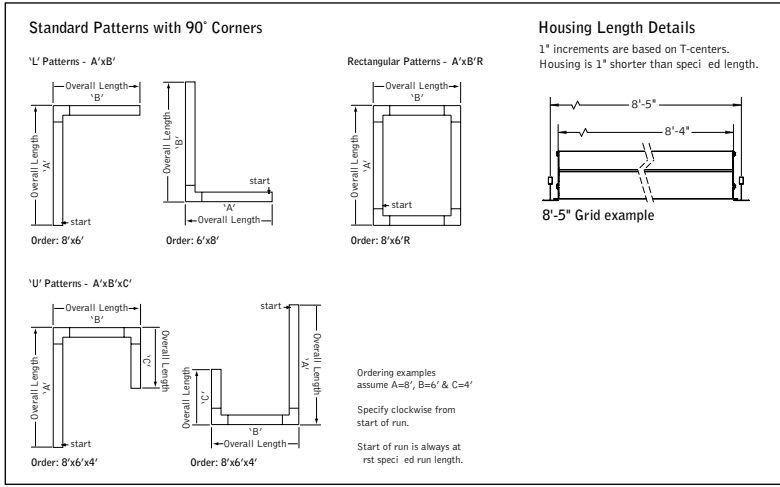(4' min. length. Not available with Pop-Down Lenses. Consult factory for other pattern options.)
'L' pattern — A' x B'
'U' pattern — A' x B' x C'
Rectangular pattern — A' x B' R

DETAILS

Standard Patterns with 90° Corners

'L' Patterns - A'xB'

Overall Length 'A'
Overall Length 'B'
start
Order: 8'x6'

Overall Length 'B'
Overall Length 'A'
start
Order: 6'x8'

Rectangular Patterns - A'xB'R

Overall Length 'B'
Overall Length 'A'
start
Order: 8'x6'R

Housing Length Details
1" increments are based on T-centers.
Housing is 1" shorter than specified length.

8'-5"
8'-4"
8'-5" Grid example

'U' Patterns - A'xB'xC'

Overall Length 'B'
Overall Length 'A'
Overall Length 'C'
start
Order: 8'x6'x4'

Overall Length 'A'
Overall Length 'C'
Overall Length 'B'
start
Order: 8'x6'x4'

Ordering examples assume A=8', B=6' & C=4'

Specify clockwise from start of run.

Start of run is always at first specified run length.

TW 4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	Tested System Watts	LPW	
			BW	FL
275LF	1100	13.30	87.1	84.9
375LF	1500	17.34	90.6	88.3
625LF	2500	27.84	93.8	91.4
875LF	3500	37.22	98.7	96.2
1000LF	4000	42.39	98.9	96.4
1125LF	4500	50.27	93.7	91.3

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

TW 4' PERFORMANCE CHART - REGRESS

Lumen Output	Nominal Lumens	Tested System Watts	LPW	
			SR	SRXP
275LF	1100	14.72	74.4	88.6
375LF	1500	19.36	77.5	92.3
625LF	2500	31.47	79.6	94.8
875LF	3500	42.01	83.4	99.4
1000LF	4000	50.68	79.2	94.3

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

TW 4' PERFORMANCE CHART - POP-DOWN

Lumen Output	Nominal Lumens	0.5"		1.5"	
		Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	17.14	59.7	16.33	65.7
375LF	1500	22.79	61.4	21.58	68.3
625LF	2500	35.49	65.2	33.96	72.0
750LF	3000	42.39	65.4	40.28	72.7

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Lumen Multipliers

CRI	Multiplier
80+	1.00
90+	0.89

Wattage Multipliers

CCT	Multiplier
2700K	1.00
3000K	0.92
3500K	0.88
4000K	0.86
5000K	0.85
5700K	0.87
6500K	0.90

TW TUNABLE WHITE

Luminaire Series		
Seem 4 LED	FSM4L	**FSM4L**
Shielding		
Batwing Lens	BW	
Flush Satin Lens	FL	
Regress Lens (1000LF max.)	SR	
Regress High Performance Lens (1000LF max.)	SRXP	
0.5" Pop-Down Lens (750LF max.)	PD05	
1.5" Pop-Down Lens (750LF max. individual units only)	PD15	
Lumen Output		
275 Lumens per foot (BW, FL, SR & SRXP 3' min. with D1TW. SR, SRXP, PD05 & PD15 3' min. with LT1. FL & BW 4' min. with LT1.)	275LF	
375 Lumens per foot (BW, FL, SR & SRXP 3' min. with LT1.)	375LF	
625 Lumens per foot	625LF	
750 Lumens per foot (Pop-Down Lenses only)	750LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
1125 Lumens per foot	1125LF	
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 6 for multiple circuiting and zoning options	_C_Z_DL	
Voltage		**UNV**
120/277 UNV Volt	UNV	
Control System & Dimming Level		
Lutron T-Series - 1% Dimming	LT1	
DALI 1% Dimming	D1TW	
(DT6 control. Requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8.)		
Lutron Athena Wireless Sensor**	LAWS	
Acuity nLight - 1% Dimming**	NLT1	
Enlighted Smart Sensor - 1% Dimming**	ENL1	
**(Consult factory. Not available with Pop-Down Lenses.) See sensor layout guide		
Ceiling Configuration		
Std. 15/16" Lay-in or Std. 15/16" Tegular	G1 or T1	
Std. 9/16" Lay-in or Std. 9/16" Tegular	G2 or T2	
9/16" Slot-tee Tegular	G3	
Tall 15/16" Lay-in or Tall 15/16" Tegular	G4 or T4	
Tall 15/16" Tegular for specialty ceilings (0.5" drop.)	T4V	
Tall 9/16" Lay-in or Tall 9/16" Tegular	G5 or T5	
Node 9/16" Tegular	T6	
Factory Options		
(See page 6 for ordering details for DC, EC, EM & ECD.)		
Chicago Plenum (Not available with Flex Whip, NLT1 or NXE1.)	CP	
Daylight Circuit	_DC	
Emergency Circuit	_EC	
Emergency Battery Pack†	_EM	
Emergency Control Device†	_ECD	
†(Consult factory)		
6' New York City Flex Whip 120V or 277V	FNY1 or FNY2	
6' Flex Whip	FW	
Finish		**WH**
Matte White Housing	WH	
Luminaire Length		ft in
Specify luminaire/row length in 1" increments (2' minimum, lengths are nominal. 1" increments based on T-centers. Housing length is 1" shorter than specified. Leave blank for patterns. Smaller increments available, consult factory. Individual units cannot be joined in the field.)	_ft _in	
Pattern Options		
(4' min. length. Not available with Pop-Down Lenses. Consult factory for other pattern options.)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
Rectangular pattern	A' x B' R	

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 are replaceable from below. Asymmetric, Flush, Batwing and Pop-Down lenses driver access from above. Regress lens driver access from below.

Construction
One piece extruded aluminum housing. 20 Ga. steel end caps. Steel driver compartment, flush lens only. Flush, Batwing and Pop-Down lens weights: 4' unit: 11 lbs., 8' unit: 22 lbs. Regress lens weights: 4' unit: 20 lbs., 8' unit: 40 lbs.

Optic
Asymmetric, Flush, Batwing lens extruded acrylic .085" thick with satin finish up to 8' continuous. Pop-Down lens extruded acrylic .06" thick with frosted finish, up to 8' continuous. Regress lens .118" thick acrylic lay-in lens. 22 Ga. reflector finished in High Reflectance White powder coat.

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. 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 output - 10 watts for 90 minutes. Maximum mounting height: 19.2ft. Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFSD, NLT1, ENL1, 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:	L70 > 61,000 hours	Calculated:	L70 at > 480,000 hours
	L90 > 61,000 hours		L90 at > 128,000 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.
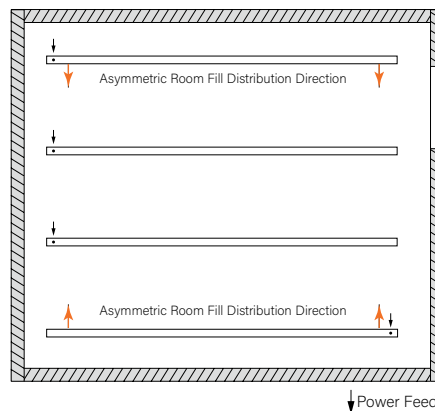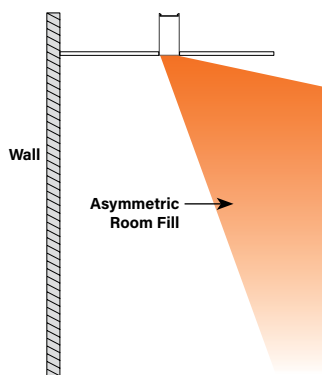
Warranty
LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.
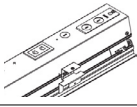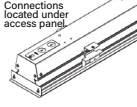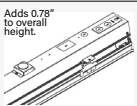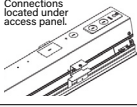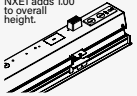
DIRECT ASYMMETRIC
Standard Application Example
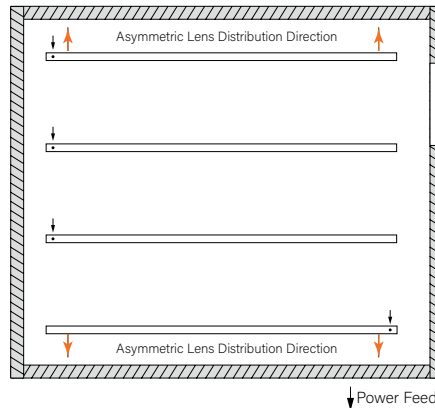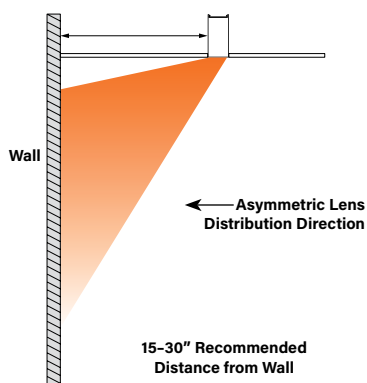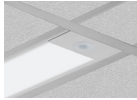

DIRECT ASYMMETRIC ROOM FILL
Standard Application Example

CONNECTED® SOLUTIONS

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®		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired	**Advance by Signify**, Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Enabled	No	Wireless	**Advance by Signify**
		LMFSD	LMFS-601						**Optotronic by eldoLED (Dexal)**
COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Enabled	No	Wireless (WaveLinx Pro Wireless Area Controller)	**Advance by Signify**
CRESTRON Connections located under access panel.		D11	Specified Driver	DALI	Crestron Zūm Wireless & SpaceBuilder	Enabled	No	Wired	**eldoLED ECOdrive**
		L11		0-10V					**Advance by Signify**
ENCELIUM CLM1 adds 0.78" to overall height.		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	**Optotronic by eldoLED** Advance by Signify
Enlighted		ENL1	SU-5E-IOT	Enlighted RF	Enlighted	Integrated	Yes	Wireless	**Advance by Signify**
LUTRON Adds 0.78" to overall height.		LAW1	A-WN-D01-RF-WH	DALI, 0-10V	Athena Wireless	Enabled	No	Wireless	**Advance by Signify**
		LAWS	A-WN-D01-OCC-WH	DALI, 0-10V	Athena Wireless	Integrated	No	Wireless	**Advance by Signify**
Connections located under access panel.		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	**Lutron Hi-Lume**
nLIGHT Connections located under access panel.		NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired	**eldoLED ECOdrive,** eldoLED SOLOdrive
NX LIGHTING CONTROLS NXE1 adds 1.00" to overall height.		NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired	**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.

Ordering Guide

Direct Only Linear Circuitry, Zones & Factory Options

FOCAL POINT®

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.

TOTAL RUN LENGTH: _____32ft_____ **JOB NAME:** _____ **FIXTURE TYPE:** _____

| EXAMPLE | HOUSING SECTION | SECTION LENGTH | SHARED ELECTRICAL FEED, NORMAL POWER | | | FACTORY OPTIONS | | | |
| | | | | | | SEPARATE ELECTRICAL FEEDS | | | |
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
	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

Section 1
EM BATTERY
Section 2
Section 3
Section 4
1C
2C
1DC
1Z
2Z
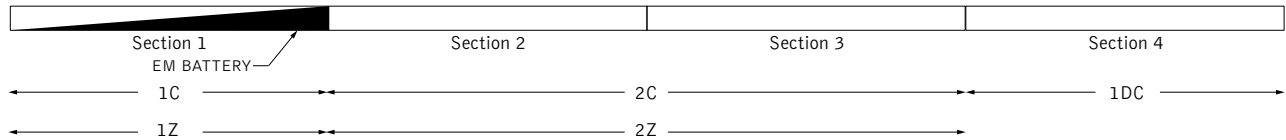
KEY

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

FOCAL POINT®

| TOTAL RUN LENGTH: _____ | JOB NAME: _____ | FIXTURE TYPE: _____ |

HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
					SEPARATE ELECTRICAL FEEDS			
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
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.