Seem® 2 Drywall/Hard/Specialty Ceiling

LED

FOCAL POINT®

R L | N | PoE | TW | BA

trim flange

corner detail

regress lens

grid ceiling companion

wall to ceiling companion

perimeter companion

suspended & wall mount companions

DIMENSIONAL DATA

Trimless mud-in

4.50" 114.3mm
5.01" 127.3mm
2.64" 67.1mm
4.84" 122.9mm

Trimless hard surface

3.12" 79.2mm
4.50" 114.3mm
2.64" 67.1mm
5.86" 149.2mm

note: 0.375" min - 1.625" max ceiling thickness
Consult factory for thicker ceilings.

Trimless mud-in - regressed

6.01" 152.6mm
5.01" 127mm
2.64" 67.1mm
4.84" 122.9mm

Trim flange

5.625" 142.8mm
5.00" 127mm
4.50" 114.3mm
2.64" 67.1mm
3.92" 99.6mm

No Flange

5.63" 143.00mm
5.00" 127mm
5.00" 127mm
4.50" 114.3mm
2.64" 67.1mm"

Specialty ceiling examples

FEATURES

Narrow extruded aluminum 2.5" aperture recessed slot LED.

Integrates with ceiling or wall in a variety of mounting styles for a clean, unobtrusive aesthetic.

Individual units and continuous runs in 1" increments.

Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.
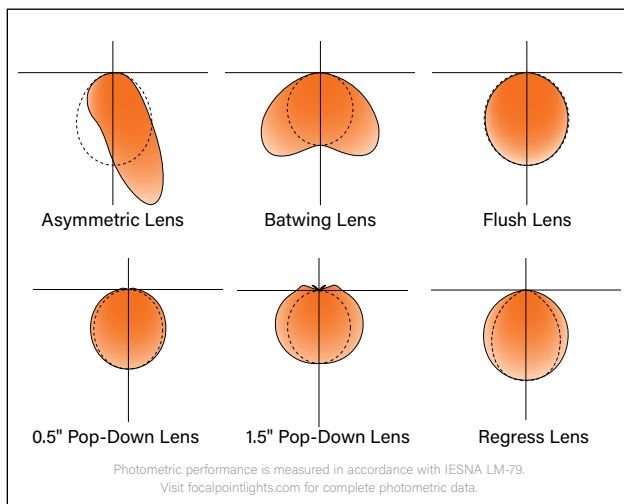
LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

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.
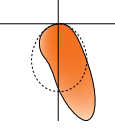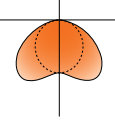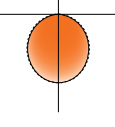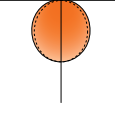
DISTRIBUTIONS

Asymmetric Lens

Batwing Lens

Flush Lens

0.5" Pop-Down Lens

1.5" Pop-Down Lens

Regress Lens

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.
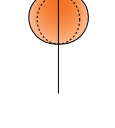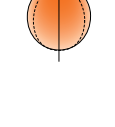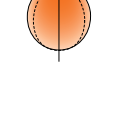
4' PERFORMANCE CHART

Shielding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
Asymmetric Lens	125LF	500	5.9	85
	250LF	1000	8.2	122
	375LF	1500	11.1	135
	500LF	2000	14.5	138
	625LF	2500	17.9	140
	750LF	3000	22.1	136
	875LF	3500	25.9	135
	1000LF	4000	29.8	134
Batwing Lens	125LF	500	5.5	91
	250LF	1000	8.7	115
	375LF	1500	12.0	125
	500LF	2000	15.5	129
	625LF	2500	20.0	125
	750LF	3000	24.0	125
	875LF	3500	28.1	125
	1000LF	4000	32.4	123
Flush Lens	125LF	500	5.6	89
	250LF	1000	9.0	111
	375LF	1500	12.4	121
	500LF	2000	16.2	124
	625LF	2500	20.8	120
	750LF	3000	24.9	120
	875LF	3500	29.3	119
	1000LF	4000	33.8	118
Pop Down 0.5" Lens	125LF	500	5.9	85
	250LF	1000	9.5	105
	375LF	1500	13.1	114
	500LF	2000	17.2	116
	625LF	2500	22.1	113
	750LF	3000	26.7	112
	875LF	3500	31.3	112
	1000LF	4000	36.2	110
Pop Down 1.5" Lens	125LF	500	5.8	86
	250LF	1000	9.3	107
	375LF	1500	12.9	116
	500LF	2000	16.9	118
	625LF	2500	21.8	115
	750LF	3000	26.2	114
	875LF	3500	30.8	114
	1000LF	4000	35.6	112
Regress Lens	125LF	500	5.9	85
	250LF	1000	9.6	104
	375LF	1500	13.4	112
	500LF	2000	17.5	114
	625LF	2500	22.5	111
	750LF	3000	27.1	111
	875LF	3500	31.9	110
	1000LF	4000	36.9	109

Based on 3500k, 80CRI, 4' lengths. Lumen multiplie 90+ CRI = 0.86. Continuous runs = 0.93 Lumen output may vary +/- 5%.
Actual wattage may vary +/- 5%.

STANDARD WHITE

Luminaire Series		**FSM2L**
Seem 2 LED	FSM2L	
Shielding		_____
Asymmetric Lens	AS	
Batwing Lens	BW	
Flush Lens	FL	
Pop Down 0.5" Lens	PD05	
Pop Down 1.5" Lens	PD15	
(2' to 8' Individual Units Only)		
Regress Lens	SR	
Lumen Output		_____
125 Lumens per foot	125LF	
(LD1, L11 & D11 driver only. 4' minimum. Not available on patterns.)		
250 Lumens per foot	250LF	
(3' minimum with LH1. Not available on patterns with LH1)		
375 Lumens per foot	375LF	
500 Lumens per foot	500LF	
625 Lumens per foot	625LF	
750 Lumens per foot	750LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
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 3 for multiple circuiting and zoning options	_C_Z_DL	
Voltage		_____
120/277 UNV Volt	UNV	
347 Volt (L11 and LD1 driver only)	347V	
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 patterns.)		
Wattstopper Fixture Sensor**	LMFS1	
Low Density – 1% Dimming		
Wattstopper Fixture Sensor**	LMFSD	
High Density – 1% Dimming		
Lutron Athena Wireless Sensor**[1]	LAWS	
WaveLinx Pro – 1% Dimming**	WLXP	
**(3' minimum length. 7' minimum with ECD/EM. not available with pop-down lenses.)		
[1](0-10V standard. Consult factory for DALI) See sensor layout guide		
Ceiling Configuration		_____
No Flange for specialty ceilings	NF	
(Ex. slat, panel, cloud systems.)		
Trim Flange Drywall	TF	
Trim Flange Wood	TFW	
Mud-in Trimless, 1/2" Drywall	XF1	
Mud-in Trimless, 5/8" Drywall	XF2	
Mud-in Trimless, any Drywall Thickness	XFF	
Non-Drywall Hard Surface	XFN	
Hard Surface, Wood	XFW	
Factory Options		
(See Ordering Guide 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	_____
†(4' minimum. 6' minimum with patterns. 120/277 Volt only. Not available at corners.)		
6' New York City Flex Whip (120V)	FNY1	_____
6' New York City Flex Whip (277V)	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. Leave blank for patterns.)		
Pattern Options		_____
(4' minimum length)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
Rectangular pattern	A' x B' R	
(Consult factory for other pattern options)		

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.

TW

4' PERFORMANCE CHART

Shielding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
Asymmetric Lens	125LF	500	5.9	84
	250LF	1000	9.9	101
	375LF	1500	13.7	109
	500LF	2000	18.0	111
	625LF	2500	23.3	107
	750LF	3000	28.1	107
	875LF	3500	33.1	106
	1000LF	4000	38.3	104
Batwing Lens	125LF	500	6.2	81
	250LF	1000	10.3	97
	375LF	1500	14.8	101
	500LF	2000	19.5	103
	625LF	2500	25.3	99
	750LF	3000	30.6	98
	875LF	3500	36.1	97
	1000LF	4000	41.8	96
Flush Lens	125LF	500	6.3	79
	250LF	1000	10.7	94
	375LF	1500	15.4	98
	500LF	2000	20.3	99
	625LF	2500	26.3	95
	750LF	3000	31.9	94
	875LF	3500	37.7	93
	1000LF	4000	43.2	93
Pop Down 0.5" Lens	125LF	500	6.7	75
	250LF	1000	11.3	89
	375LF	1500	16.3	92
	500LF	2000	22.4	89
	625LF	2500	28.1	89
	750LF	3000	34.2	88
	875LF	3500	40.5	86
	1000LF	4000	46.4	86
Pop Down 1.5" Lens	125LF	500	6.6	76
	250LF	1000	11.1	90
	375LF	1500	16.1	93
	500LF	2000	21.3	94
	625LF	2500	27.6	90
	750LF	3000	33.6	89
	875LF	3500	39.7	88
	1000LF	4000	45.6	88
Regress Lens	125LF	500	6.8	74
	250LF	1000	11.4	87
	375LF	1500	16.6	90
	500LF	2000	22.8	88
	625LF	2500	28.7	87
	750LF	3000	34.8	86
	875LF	3500	41.2	85
	1000LF	4000	47.2	85

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

Lumen Multiplier

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

TW

TUNABLE WHITE

Luminaire Series		**FSM2L**
Seem 2 LED	FSM2L	
Shielding		_____
Asymmetric Lens	AS	
Batwing Lens	BW	
Flush Lens	FL	
Pop Down 0.5" Lens	PD05	
Pop Down 1.5" Lens	PD15	
Regress Lens	SR	
(Housing height 5.5". Ceiling applications only)		
Lumen Output		_____
125 Lumens per foot	125LF	
250 Lumens per foot	250LF	
375 Lumens per foot	375LF	
500 Lumens per foot	500LF	
625 Lumens per foot	625LF	
750 Lumens per foot	750LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
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 3 for multiple circuiting and zoning options	_C_Z_DL	
Voltage		_____
120/277 UNV Volt	UNV	
347 Volt Support	347V	
Low voltage	LV	
Control System & Dimming Level		**D1TW**
DALI 1% Dimming*	D1TW	
(Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time applies.)		
Ceiling Configuration		_____
No Flange for specialty ceilings (Ex. slat, panel, cloud systems.)	NF	
Trim Flange Drywall	TF	
Trim Flange Wood	TFW	
Mud-in Trimless, 1/2" Drywall	XF1	
Mud-in Trimless, 5/8" Drywall	XF2	
Mud-in Trimless, any Drywall Thickness	XFF	
Non-Drywall Hard Surface	XFN	
Hard Surface, Wood	XFW	
Factory Options		
(See Ordering Guide 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	_____
†(4' minimum. 6' minimum with patterns. 120/277 Volt only. Not available at corners.)		
6' New York City Flex Whip (120V)	FNY1	_____
6' New York City Flex Whip (277V)	FNY2	_____
6' Flex Whip	FW	_____
Finish		**WH**
Matte White Housing	WH	
Luminaire Length		**ft** **in**
Specify luminaire/row length in 1" increments (2' minimum. Leave blank for patterns.)	_ft _in	
Pattern Options		_____
(4' minimum length)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
Rectangular pattern	A' x B' R	
(Consult factory for other pattern options)		

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. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceablefrom below.

Construction

One piece extruded aluminum housing. 20 Ga. steel end caps. Housing for new construction applications. Flush lens weights: 4' unit 12.2 lbs., 8' unit: 24.4 lbs. Regress lens weights: 4' unit: 13.2 lbs., 8' unit: 26.4 lbs..

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .07" 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. 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: 17.9ft. Emergency Circuit with Connected Solutions (LMFS1, LMFSD, 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:		Calculated:	
	L70 at >61,000 hours		L70 at 385,000 hours	
	L90 at >61,000 hours		L90 at 103,000 hours	

Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.
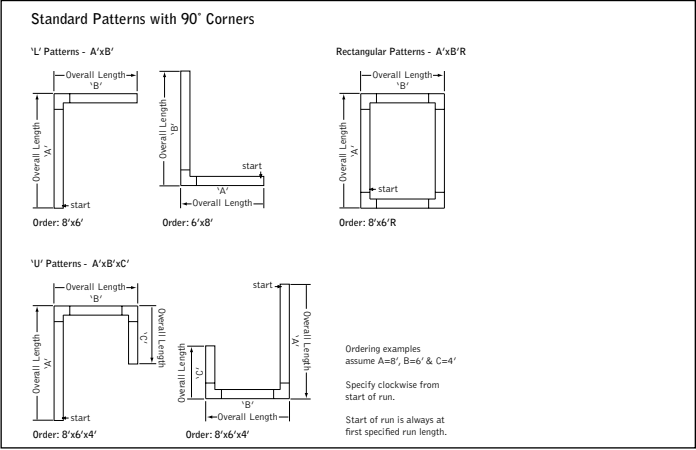
Reliability

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.

DETAILS

Standard Patterns with 90° Corners

'L' Patterns - A'xB'
Order: 8'x6'
Order: 6'x8'

Rectangular Patterns - A'xB'R
Order: 8'x6'R

'U' Patterns - A'xB'xC'
Order: 8'x6'x4'
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.

Declare.

Seem 2
Focal Point, LLC

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

Ingredients:

Aluminum; Steel; Small Electrical Components - RoHS Compliant[1]; Polymethyl methacrylate; UNS G1008; Copper; Zinc; Steel, carbon; Polyvinyl chloride; Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]; Methyl methacrylate; Benzene, ethenyl-, homopolymer, brominated; Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE); Polyethylene; Polypropylene; Steel manufacture, chemicals

[1]LBC Temp Exception RL-002 - Small Electrical Components

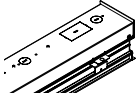**Living Building Challenge Criteria:**

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 JAN 2026
Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

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®	LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated[2]	No	Wireless	**Advance by Signify**
	LMFSD	LMFS-601						**Optotronic by eldoLED (Dexal)**
COOPER Lighting Solutions	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated[2]	No	Wireless (WaveLinx Pro Wireless Area Controller)	**Advance by Signify**
CRESTRON	D11	Specified Driver	DALI	Crestron Zūm Wireless & SpaceBuilder	Enabled[1]	No	Wired	**eldoLED ECOdrive**
LUTRON	LAWS	A-WN-D01-OCC-WH	DALI, 0-10V	Athena Wireless	Integrated[2]	No	Wireless	**Advance by Signify**
	LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled[1]	No	Wired	**Lutron Hi-Lume**

*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. [1]Enabled: Fixture supplied with a Node/ Controller. Sensor to be provided by others. [2]Integrated: Fixture supplied with an installed Sensor.

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:** _____

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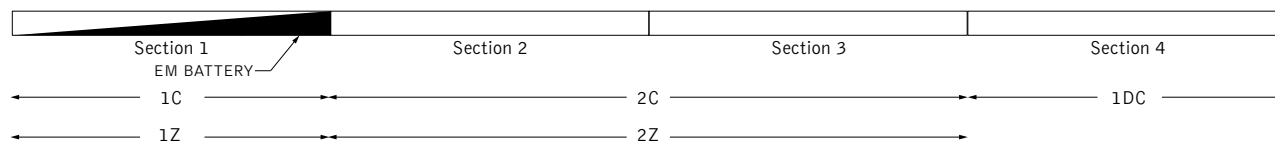
KEY

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.