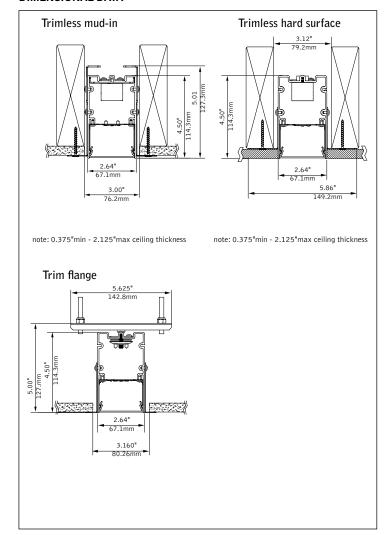


#### **DIMENSIONAL DATA**



#### **FEATURES**

Narrow extruded aluminum 2.5" aperture recessed slot LED suitable for wet location.

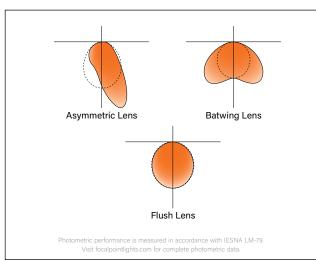
Integrates with ceiling for a clean, unobtrusive aesthetic.

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.

#### **PERFORMANCE**



fixture: projec

#### **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 3000K, 3500K, 4000K with CRI>80, 3SDCM. LED modules and drivers are replaceable from below.

#### Construction

One piece extruded aluminum housing. 20 Ga. steel end caps. Housing for new construction applications. 2' unit weight: 5.1 lbs., 3' unit weight: 7.6 lbs., 4' unit weight: 10.1 lbs., 5' unit weight: 12.6 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. .020" thick acrylic lens water shield included for continuous runs.

#### 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.

#### **Emergency Battery**

Output - 10 watts for 90 minutes. Maximum mounting height: 17.9ft.

#### Labels

UL and cUL Listed for wet location recessed ceiling applications in indoor and outdoor environments. Lutron Drivers not recommended for outdoor environments below 0°C. IP65 per IEC 60529 ensures that the enclosure is dust-tight and protected against jet streams of water from any direction without any harmful effects.

#### Finish

Polyester powder coat applied over a multi-stage pre-treatment.

#### Lumen Maintenance

Reported: L70 at >61,000 hours Calculated: L70 at 385,000 hours L90 at >61,000 hours L90 at 103,000 hours 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 35°C. 5-year limited warranty.

#### 4' PERFORMANCE CHART

See page 3.

ORDERING Luminaire Series		ECMOLWI
Seem 2 LED Wet Location	FSM2LWL	FSM2LWL
Shielding	1 SIVIZLVVL	
(Ceiling applications only		
Asymmetric Lens	AS	
Batwing Lens	BW	
Flush Lens	FL	
Lumen Output		
125 Lumens per foot (4' minimum.)	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		
3000K, 80+ CRI or 90+ CRI	30K or 930K	
3500K, 80+ CRI or 90+ CRI	35K or 935K	
4000K, 80+ CRI or 90+ CRI Circuits & Zones	40K or 940K	
	10	
1 Circuit, non-emergency Consult Ordering Guide on page 3 for	1C	
multiple circuiting and zoning options	_C_Z_DL	
Voltage		
120/277 UNV Volt	UNV	
347 volt (LD1 and L11 driver only)	347V	
Control System & Dimming Level		
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Lutron Hi-Lume EcoSystem (LDE1) -	LH1	
1% Dimming		
Ceiling Configuration	TF	
Trim Flange Drywall Mud-in Trimless, 1/2" Drywall	XF1	
Mud-in Trimless, 1/2 Drywali Mud-in Trimless, 5/8" Drywali	XF2	
Mud-in Trimless, any Drywall Thickness	XFF	
Non-Drywall Hard Surface	XFN	
Factory Options		
(See Ordering Guide for ordering details for DC, EC, EM & ECD.)		
Chicago Plenum	СР	
Daylight Circuit	DC	
Emergency Circuit	EC	
Emergency Battery Pack <sup>†</sup>	_EM	
Emergency Control Device†	_ECD	
†(4' minimum.)		
6' New York City Flex Whip	FNY	
6' Flex Whip	FW	
IP65 Rated (Individual units only, not available with Flex Whip)	IP65	
NSF Listed	NSF	
Finish		WH
Matte White Housing	WH	
Luminaire Length		ft
Specify luminaire/row length	_ft	
in 1' increments (2' minimum, lengths are nominal.)		

#### 4' PERFORMANCE CHART

Shieldi	ng	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
		125LF	500	5.9	85
		250LF	1000	8.2	122
		375LF	1500	11.1	135
Asymmetric		500LF	2000	14.5	138
Lens		625LF	2500	17.9	140
		750LF	3000	22.1	136
		875LF	3500	25.9	135
		1000LF	4000	29.8	134
		125LF	500	5.5	91
		250LF	1000	8.7	115
		375LF	1500	12.0	125
Batwing Lens		500LF	2000	15.5	129
batwing Lens		625LF	2500	20.0	125
	l	750LF	3000	24.0	125
		875LF	3500	28.1	125
		1000LF	4000	32.4	123
		125LF	500	5.6	89
		250LF	1000	9.0	111
		375LF	1500	12.4	121
Flush Lens		500LF	2000	16.2	124
riusii Lefis		625LF	2500	20.8	120
		750LF	3000	24.9	120
		875LF	3500	29.3	119
		1000LF	4000	33.8	118

Based on 3500k, 4' lengths. Lumen multiplier: Continuous runs = 0.93 Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

## 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.

	TOTAL RUN	RUN LENGTH: 32ft JOB NAME:			FIXTURE TYPE:				
	SHARED ELECTRICAL F		FEED, FACTORY OPTIONS						
	HOUSING SECTION			NORMAL POWER			SEPARATE ELECTRICAL FEEDS		
m	SECTION	LENGTH	SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
EXAMPLE	1	8	1C	1Z					1EM
Ę	2	8	2C	2Z					
	3	8	2C	2Z					
	4	8				1DC			
	Totals / Ord	ering Codes	2C	<b>2Z</b>		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	2	c —	1DC
1Z	2	Z	

KEY	
C = Switching Circuit Switched Hot / Shared Neutral	DC = Daylight Circuit Switched Hot / Separate Neutral
Z = Dimming Zone Dimming Control Wires	EC = Emergency Circuit Switched Hot / Separate Neutral
<b>DL = Daylight Zone</b> Daylight Dimming Control Wires	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:			
			SHAR	SHARED ELECTRICAL FEED,		FACTORY OPTIONS				
	HOUSING	SECTION		NORMAL POWER		SEPARATE ELECTRICAL FEEDS			_	
		SECTION	LENGTH	SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
	1									
	2									
	3									
	4									
	5									
	6									
	7									
WOI	8									
WORKSHEET	9									
EET	10									
	11									
	12									
	13									
	14									
	15									
	16									
	17									
	18									
	19									
	20									
	Totals / Ord	ering Codes								

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

RUN CHART	<u>-</u>				
Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Con Section Le
9	5 + 4	21	8 + 8 + 5	33	8 + 8 + 8
10	6 + 4	22	8 + 8 + 6	34	8 + 8 + 8
11	7 + 4	23	8 + 8 + 7	35	8 + 8 + 8
12	8 + 4	24	8 + 8 + 8	36	8 + 8 + 8
13	8 + 5	25	8 + 8 + 5 + 4	37	8 + 8 + 8 -
14	8 + 6	26	8 + 8 + 6 + 4	38	8 + 8 + 8 -
15	8 + 7	27	8 + 8 + 7 + 4	39	8 + 8 + 8
16	8 + 8	28	8 + 8 + 8 + 4	40	8 + 8 + 8 -
17	8 + 5 + 4	29	8 + 8 + 8 + 5	41	8 + 8 + 8 +
18	8 + 6 + 4	30	8 + 8 + 8 + 6	42	8 + 8 + 8 +
19	8 + 7 + 4	31	8 + 8 + 8 + 7	43	8 + 8 + 8 +
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8+8+8+

Housing Configuration Section Lengths	length (ft)	Housing Configuration Section Lengths
8 + 8 + 8 + 5 + 4	45	8 + 8 + 8 + 8 + 8 + 5
8 + 8 + 8 + 6 + 4	46	8 + 8 + 8 + 8 + 8 + 6
8 + 8 + 8 + 7 + 4	47	8 + 8 + 8 + 8 + 8 + 7
8 + 8 + 8 + 8 + 4	48	8+8+8+8+8+8
8 + 8 + 8 + 8 + 5		
8 + 8 + 8 + 8 + 6		

+ 8 + 8 8 + 5 + 4 8 + 6 + 4 8 + 7 + 4

Standard run configurations, consult factory for custom configurations.