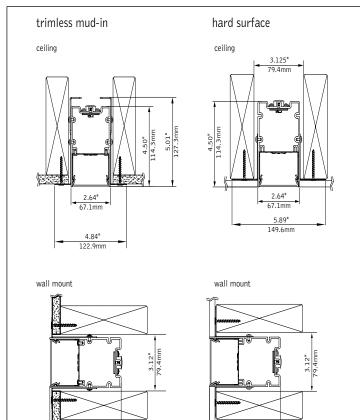


# DIMENSIONAL DATA



notes: designed for 2"x6" construction 0.375"min - 2.125"max material thickness

4.50"

114.3mm

## FEATURES

Narrow extruded aluminum 2.5" aperture recessed slot LED that transitions from wall to ceiling.

Clean and minimal trimless drywall mounting.

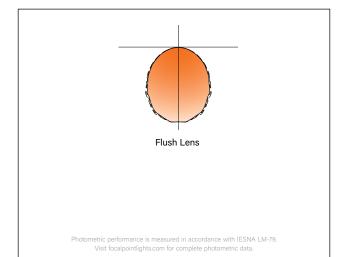
Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

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

Choice of output levels to meet a wide variety of application needs.

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

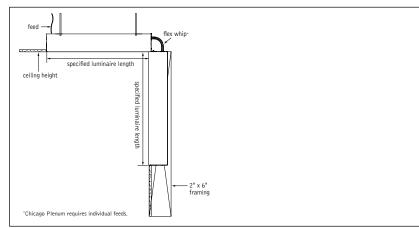
### PERFORMANCE



4.50"

114.3mm

### MOUNTING INFORMATION



### 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, 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. XFW acceptable for use with wood, consult factory for Type IC availability. 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.

# **Emergency Battery**

Output - 10 watts for 90 minutes. Maximum mounting height: 17.9ft. See EM/EC Guide for default locations and ordering details.

### 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 at >61,000 hours	Calculated: L70 at 385,000 hours
L90 at >61,000 hours	L90 at 103,000 hours
Derived from EPA TM-21 calculator. Based on typical con	ditions, 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**

Shi	elding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
	125LF	504	5.7	89	
		250LF	1052	9.6	109
		375LF	1601	13.9	115
Flush Lens		500LF	2145	18.3	117
Flush Lens		625LF	2682	23.7	113
		750LF	3214	28.4	113
		875LF	3739	33.4	112
		1000LF	4257	38.4	111

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

STANDARD WHITE		
Luminaire Series		FSM2
Seem 2 LED	FSM2L	
Shielding	-	FL
Flush Lens	FL	
Lumen Output 125 Lumens per foot	125LF	
(LD1, L11 & D11 only. 4' minimum.)	12521	
250 Lumens per foot (3' minimum with LH1.)	250LF	
375 Lumens per foot	375LF	
500 Lumens per foot	500LF	
625 Lumens per foot	625LF	
750 Lumens per foot 875 Lumens per foot	750LF 875LF	
1000 Lumens per foot	1000LF	
Color Temperature 2700K, 80+ CRI or 90+ CRI	27K or 927K	
3000K, 80+ CRI <b>or</b> 90+ CRI	30K <b>or</b> 930K	
3500K, 80+ CRI <b>or</b> 90+ CRI	35K <b>or</b> 935K	
4000K, 80+ CRI <b>or</b> 90+ CRI	40K <b>or</b> 940K	
Circuit		1C
Single Circuit	1C	
Voltage		
UNV 120/277 Volt 347 volt (LD1 and L11 driver only)	UNV 347V	
Control System & Dimming Level	547V	
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1)	LH1	
- 1% Dimming DALI - 1% Dimming	D11	
Ũ	DII	
Ceiling Configuration Wall to Ceiling corner, 1/2" Drywall	CXF1	
Wall to Ceiling corner, 5/8" Drywall	CXF1 CXF2	
Wall to Ceiling corner,	CXFF	
any Drywall Thickness		
Wall to Ceiling corner,	CXFN	
Hard Surface, Non-Drywall Wall to Ceiling corner, Wood	CXFW	
Factory Options		
Chicago Plenum	СР	
Emergency Circuit	_EC	
Emergency Battery Pack	_EM _	
(4' minimum. See EM/EC Guide for default locations and ordering details.)		
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW .	
Finish Matte White Housing	WH -	WH
Luminaire Length	VVII	
Specify luminaire/row length	-	
in 1' increments	X'CX'W	
Example: 12C6W=12' in ceiling, 6' in wall		

#### тw **4' PERFORMANCE CHART**

fixture:

Shi	elding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
	125LF	500	7.25	69.0	
		250LF	1000	12.90	80.9
_		375LF	1500	18.55	85.7
Flush Lens		500LF	2000	24.21	87.9
FIUSH LEHS		625LF	2500	29.86	89.2
		750LF	3000	34.34	92.9
		875LF	3500	39.71	93.5
		1000LF	4000	45.08	93.7

Lumen Multiplier		Wattage Multipliers	
CRI	Multiplier	ССТ	Multiplier
80+	1.00	2700K	1.00
90+	0.89	3000K	0.92
		3500K	0.88
		4000K	0.86
		5000K	0.85
		5700K	0.87



# **TUNABLE WHITE**

**Luminaire Series** FSM2L Seem 2 LED FSM2L Shielding FL Flush Lens FL Lumen Output 125 Lumens per foot 125LF 250 Lumens per foot 250LF 375LF 375 Lumens per foot 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 Circuit 1C Single Circuit 1C Voltage UNV 120/277 Volt UNV 347 volt (LD1 and L11 driver only) 347V **Control System & Dimming Level** Lutron T-Series - 1% Dimming\* LT1 DALI - 1% Dimming\* D1TW \*Consult factory, extended lead time apply. **Ceiling Configuration** Wall to Ceiling corner, 1/2" Drywall CXF1 Wall to Ceiling corner, 5/8" Drywall CXF2 Wall to Ceiling corner, CXFF any Drywall Thickness Wall to Ceiling corner, CXFN Hard Surface, Non-Drywall Wall to Ceiling corner, Wood CXFW **Factory Options** Chicago Plenum CP **Emergency Circuit** \_EC Emergency Battery Pack \_EM (4' minimum. See EM/EC Guide for default locations and ordering details.) 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 Specify luminaire/row length in 1' increments X'CX'W

Example: 12C6W=12' in ceiling, 6' in wall