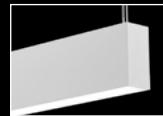


# Seem® 1

LED WALL TO CEILING CORNER



recessed  
companion

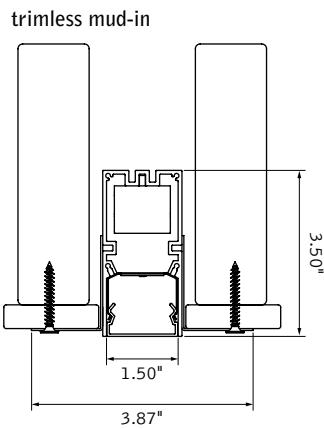


suspended  
companion

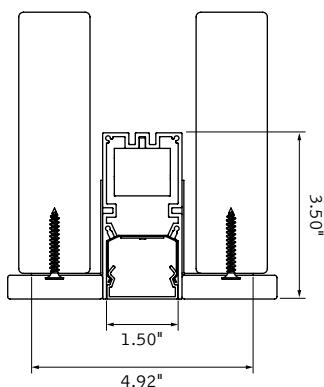


wall mount  
companion

## DIMENSIONAL DATA



### hard surface



Designed for 2"x6" construction  
Note: 0.375" min - 1.625" max surface thickness  
Consult factory for thicker surfaces.

## FEATURES

Narrow extruded aluminum 1.5" recessed linear slot LED that transitions from wall to ceiling.

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.

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

## PERFORMANCE

### PRODUCT OVERVIEW

Lumen Output: 500-2500lm

Wattage: 6-24W

LPW: 89-122

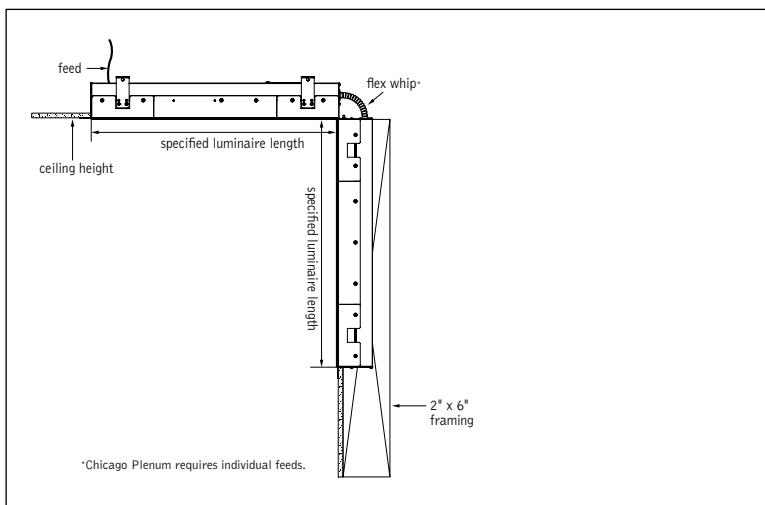
SDCM: 3

4' Flush Lens  
625 Lumens per foot

**Delivered Lumens: 2500lm**

**Total System Watts: 24W**

Photometric performance is measured in accordance with IESNA LM-79.  
Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

**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 3000K, 3500K or 4000K with both 80 and 90 CRI options. LED modules and drivers are replaceable from below. Color accuracy <3 SDCM.

**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. 8' unit weight: 15lbs.

**Optic**

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .07" thick with frosted 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**

Emergency output - 10 watts for 90 minutes. 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  
L90 at >61,000 hours

Calculated: L70 at 470,000 hours  
L90 at 115,000 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.

**4' PERFORMANCE CHART**

See page 3.

**ORDERING**

<b>Luminaire Series</b>	<b>FSM1</b>
Seem 1 LED	FSM1
<b>Shielding</b>	<b>FL</b>
Flush Lens	FL
<b>Lumen Output</b>	
125 Lumens per foot (4' minimum length. Consult factory for Lutron, DALI)	125LF
250 Lumens per foot (3' minimum length)	250LF
375 Lumens per foot	375LF
500 Lumens per foot	500LF
625 Lumens per foot	625LF
<b>Color Temperature</b>	
3000K, 80CRI or 90CRI	30K or 930K
3500K, 80CRI or 90CRI	35K or 935K
4000K, 80CRI or 90CRI	40K or 940K
<b>Circuit</b>	
Single Circuit	1C
<b>Voltage</b>	
120/277 UNV Volt	UNV
347 Volt (LD1 driver only)	347
<b>Control System &amp; Dimming Level</b>	
0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	L11
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
DALI 1% Dimming	D11
<b>Ceiling Configuration</b>	
Wall to Ceiling corner, Mud-in Trimless	CXFF
Wall to Ceiling corner, Hard Surface, Non-Drywall	CXFN
Wall to Ceiling corner, Wood	CXFW
<b>Factory Options</b>	
Chicago Plenum	CP
Emergency Circuit	EC
Emergency Battery Pack (4' minimum length. See EM/EC Guide for default locations and ordering details.)	EM
6' New York City Flex Whip (120V)	FNY1
6' New York City Flex Whip (277V)	FNY2
6' Flex Whip	FW
<b>Finish</b>	
Matte White Housing	WH
<b>Luminaire Length</b> (Lengths are nominal)	
Specify luminaire/row length in 1' increments (2' minimum. Smaller increments available, consult factory.)	X'CX'W
Example: 12CGW= 12' in Ceiling, 6' in Wall	

#### 4' PERFORMANCE CHART

Shielding	Lumens per Foot	Delivered Lumens	Tested System Watts	LPW
Flush Lens	125LF	500	6	89
	250LF	1000	9	110
	375LF	1500	13	119
	500LF	2000	16	121
	625LF	2500	20	122

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

# 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 Compliant<sup>1</sup>; Copper; Polymethyl methacrylate; Steel; Poly[imino(1,6-dioxo-1,6-hexanediy)imino-1,6-hexanediy]; **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(pentabromophenoxy) ether (decabromodiphenyl ether) (DecaBDE)**; Tris(2-ethylhexyl) trimellitate; Zinc; Methyl methacrylate; Antimony oxide (Antimony trioxide); Kaolin, calcined; Octadecanoic acid, calcium salt; Steel, carbon

<sup>1</sup>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

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