

# Seem® 4

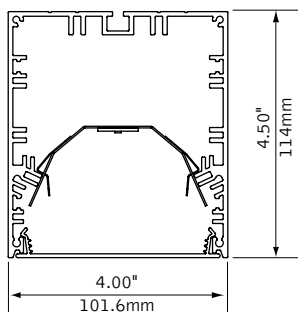
LED - SURFACE MOUNT | WET LOCATION



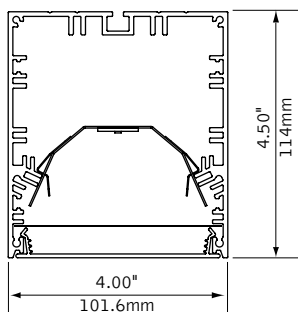
recessed  
companion

## DIMENSIONAL DATA

Individual Unit



Continuous Run



## FEATURES

Narrow extruded aluminum 4" linear direct LED.

Individual units and continuous runs in 1' increments.

Available in flush, asymmetric, asymmetric room fill or batwing, lens.

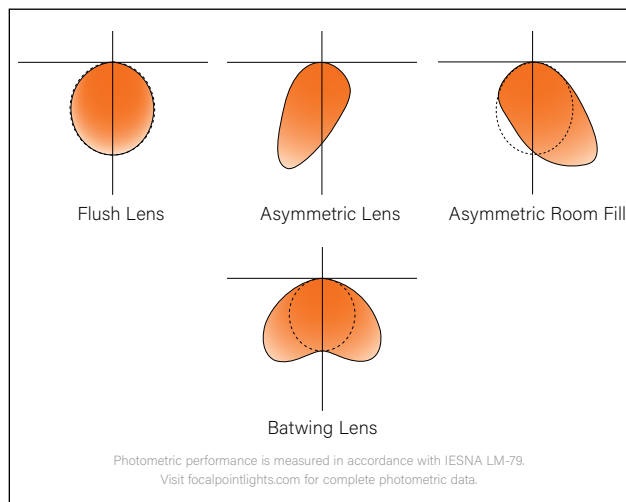
Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

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.

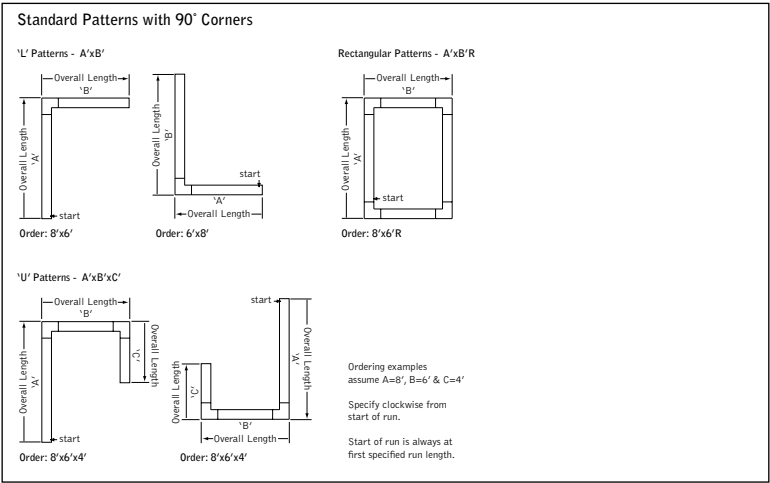
## PERFORMANCE







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DETAILS



4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	Tested System Watts	LPW			
						
275LF	1100	9.5	110	106	114	114
375LF	1500	12.5	119	114	123	123
625LF	2500	21.4	119	113	122	122
875LF	3500	30.4	118	113	122	122
1000LF	4000	35.0	117	112	121	121
1125LF	4500	39.6	116	111	119	119
1250LF	5000	43.5	115	110	119	118

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

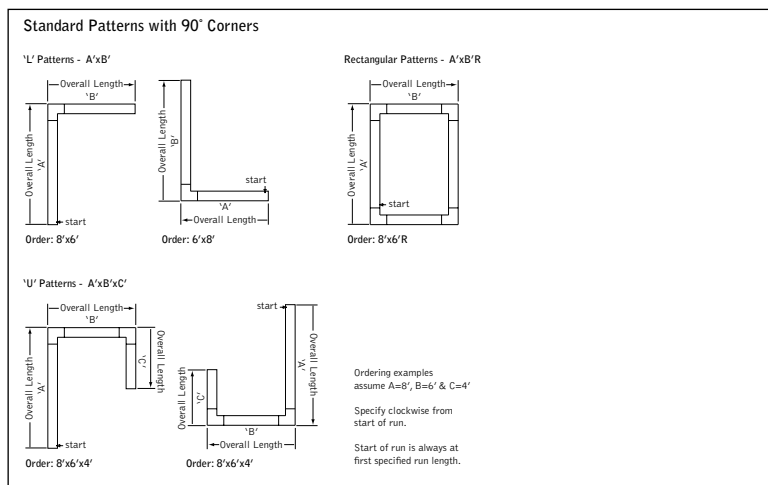
STANDARD WHITE

Luminaire Series		FSM4LWLS
Seem 4 LED Wet Location		FSM4LWLS
Shielding		
Asymmetric Lens*	AS	
Asymmetric Room Fill*	AF	
Batwing Lens*	BW	
Flush Satin Lens	FL	
(*individual units only)		
Lumen Output		
275 Lumens per foot (LD1 & L11 only)	275LF	
375 Lumens per foot (LD1 & L11 only)	375LF	
625 Lumens per foot (3' minimum with LH1)	625LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
1125 Lumens per foot	1125LF	
1250 Lumens per foot	1250LF	
Color Temperature		
3000K, 80+ CRI	30K	
3500K, 80+ CRI	35K	
4000K, 80+ CRI	40K	
Circuits & Zones		
1 Circuit, non-emergency	1C	
Consult Ordering Guide on page 3 for multiple circuiting and zoning options	_C_Z_DL	
Voltage		UNV
120/277 UNV Volt	UNV	
Control System & Dimming Level		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming (3' minimum length)	LH1	
Mounting		SM
Surface Mount	SM	
Factory Options		
(See page 4 for ordering details for DC, EC, EM & ECD.)		
Daylight Circuit	_DC	
Emergency Circuit	_EC	
Emergency Battery Pack†	_EM	
Emergency Control Device†	_ECD	
†(4' minimum. 120/277 Volt only. EM or ECD not available at corners.)		
IP65 Rated (individual units only)	IP65	
Outdoor Rated (LD1 only. Not available with EM.)	OD	
Finish		WH
Matte White Housing	WH	
Luminaire Length		
Specify luminaire/row length in 1' increments (2' minimum length.)	X'	
Pattern Options (3' minimum length)		
'L' pattern	A' x B'	
'U' pattern	A' x B' x C'	
Rectangular pattern	A' x B'R	

fixture:

project:

## DETAILS



## TW 4' PERFORMANCE CHART

Lumen Output	Nominal Lumens	Tested System Watts	LPW	
			BW	FL
275LF	1100	13.30	87.3	83.2
375LF	1500	17.34	90.8	86.5
625LF	2500	27.84	94.0	89.5
875LF	3500	37.22	98.9	94.2
1000LF	4000	42.39	99.2	94.4
1125LF	4500	50.27	93.9	89.4

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



## TUNABLE WHITE

Luminaire Series	FSM4LWLS
Seem 4 LED Wet Location	
<b>Shielding</b>	
Batwing Lens	BW
(individual units only)	
Flush Satin Lens	FL
<b>Lumen Output</b>	
275 Lumens per foot (3' min. with DITW, 4' min. with LT1)	275LF
375 Lumens per foot (3' min. with LT1)	375LF
625 Lumens per foot	625LF
875 Lumens per foot	875LF
1000 Lumens per foot	1000LF
1125 Lumens per foot	1125LF
<b>Color Temperature</b>	
Tunable White: 2700-6500K, 80+ CRI	2765T
Tunable White: 2700-6500K, 90+ CRI	92765T
<b>Circuits &amp; Zones</b>	
1 Circuit, non-emergency	1C
Consult Ordering Guide on page 3 for multiple circuiting and zoning options	_C_Z_DL
<b>Voltage</b>	<b>UNV</b>
120/277 UNV Volt	UNV
<b>Control System &amp; Dimming Level</b>	
Lutron T-Series - 1% Dimming	LT1
DALI - 1% Dimming (DT6 control. Requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8.)	D1TW
<b>Mounting</b>	<b>SM</b>
Surface Mount	SM
<b>Factory Options</b> (See page 4 for ordering details for DC, EC, EM & ECD.)	
Daylight Circuit	_DC
Emergency Circuit	_EC
Emergency Battery Pack†	_EM
Emergency Control Device† (Consult factory)	_ECD
IP65 Rated (individual units only)	IP65
<b>Finish</b>	<b>WH</b>
Matte White Housing	WH
<b>Luminaire Length</b>	
Specify luminaire/row length in 1' increments (2' minimum length.)	X'
<b>Pattern Options</b> (3' minimum length)	
'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. LED modules and drivers are replaceable from below.

### Construction

One piece extruded aluminum housing. Die cast aluminum end caps. 2' unit weight: 10 lbs., 3' unit weight: 14 lbs., 4' unit weight: 18 lbs., 5' unit weight: 22 lbs.

### Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" 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. Dimming range 100% to 10%. Power factor > .9.

### Emergency

Output - 10 watts for 90 minutes. Maximum mounting height: 19.2ft.

### Labels

UL and cUL Listed. Suitable for Dry, Damp or Wet Locations, indoor use only. Specify Outdoor rated (OD) for outdoor covered ceiling applications. Outdoor rating not available with Tunable White. 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. Canopy and cord white as standard.

### Lumen Maintenance

Reported: L70 > 61,000 hours  
L90 > 61,000 hours

Calculated: L70 at > 480,000 hours  
L90 at > 128,000 hours

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

### Reliability

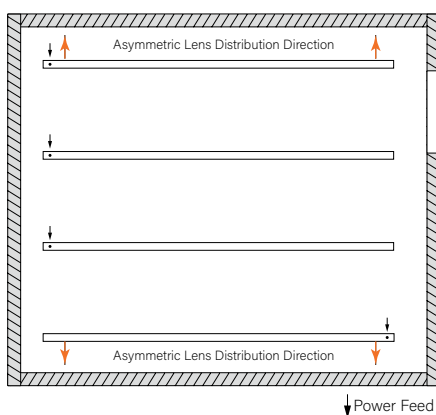
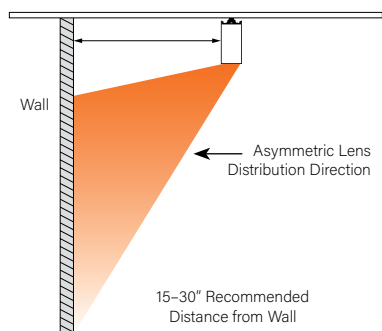
At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

### Warranty

LED System rated for operation in ambient environments up to 25°C. 5-year limited warranty. Fixture with Outdoor rated (OD) option must be installed in a covered ceiling and is warranted for operation in ambient environments between -20°C to +40°C.

## DIRECT ASYMMETRIC

### Standard Application Example



## DIRECT ASYMMETRIC ROOM FILL

### Standard Application Example

