Seem® 4 LED - WET LOCATION









. companion

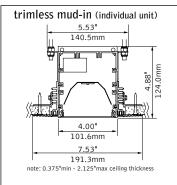


suspended companion

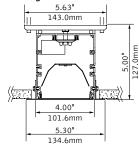


wall to ceiling companion

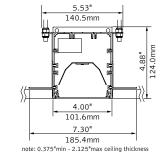
## **DIMENSIONAL DATA**

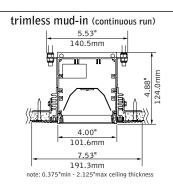


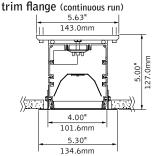
## trim flange (individual unit)



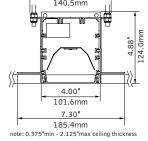
hard surface (individual unit)







hard surface (continuous run) 5.53" 140.5mm



## FEATURES

Narrow extruded aluminum 4" aperture recessed slot LED suitable for wet location.

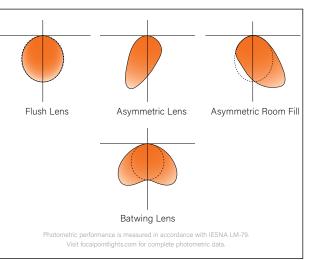
Integrates with ceiling for a clean, unobtrusive aesthetic.

Individual units and continuous runs in 1' increments.

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

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.



## PERFORMANCE

## **4' PERFORMANCE CHART**

		BW		FL		AS		AF	
Lumen Output	Nominal Lumens	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW	Tested System Watts	LPW
275LF	1100	8.8	125	9.1	121	8.5	130	8.6	128
375LF	1500	11.3	133	11.7	129	10.8	138	11	137
625LF	2500	19	131	19.9	126	18.3	137	18.5	135
875LF	3500	27	130	27.9	125	25.9	135	26.2	133
1000LF	4000	31.1	129	32.2	124	29.8	134	30.2	132
1125LF	4500	35.4	127	36.6	123	33.9	133	34.4	131
1250LF	5000	39.8	126	41.2	121	38.1	131	38.6	129

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 FSM4LWL Luminaire Series Seem 4 LED Wet Location FSM4LWL Shielding (ceiling applications only) Asymmetric Lens\* AS Asymmetric Room  $\operatorname{Fill}^*$ AF Batwing Lens\* BW Flush Satin Lens FL (\*individual units only) Lumen Output 275 Lumens per foot 275LF 375 Lumens per foot 375LF 625LF 625 Lumens per foot 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 \_C\_Z\_DL multiple circuiting and zoning options Voltage UNV 120/277 UNV Volt UNV **Control System & Dimming Level** 0-10V - 1% Dimming L11 0-10V - 10% Dimming LD1 Lutron Hi-Lume EcoSystem (LDE1) -1% Dimming LH1 **Ceiling Configuration** Trim Flange Drywall TF (3' minimum with Lutron Drivers) Trim Flange Wood TFW (3' minimum with Lutron Drivers) Mud-in Trimless, XF1 pre-set for 1/2" Drywall Mud-in Trimless, XF2 pre-set for 5/8" Drywall Mud-in Trimless, XFF set thickness in field (Mounting equipment assembled in field) Non-Drywall Hard Surface XFN XFW Hard Surface, Wood **Factory Options** (See Ordering Guide on page 4 for ordering details for DC, EC, EM & ECD.) Chicago Plenum CP \_DC Daylight Circuit **Emergency Circuit** \_EC \_EM Emergency Battery Pack<sup>†</sup> \_ECD Emergency Control Device<sup>†</sup> <sup>†</sup>(4' minimum. 120/277 Volt only EM or ECD not available at corners. 6' New York City Flex Whip (120V) FNY1 6' New York City Flex Whip (277V) FNY2 6' Flex Whip FW IP65 Rated (individual units only) IP65

#### Finish

X'

wн

Matte White Housing WH Luminaire Length

## Specify luminaire/row length

in 1' increments (2' minimum, lengths are nominal. Housing length is 1" shorter than specified.)

## TW 4' PERFORMANCE CHART (INDIVUDAL)

Lumen Output	Nominal Lumens	Tested System Watts	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

Wattage Multipliers

6500K

0.90

LPW

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

### **Lumen Multipliers**

	-		-	-		
CRI	Multiplier	c	ст	Mu	Itiplier	
80+	1.00	27	700K		1.00	
90+	0.89	30	000K		0.92	
		35	500K		0.88	
		40	000K		0.86	
		50	000K		0.85	
		57	700K		0.87	

## тw

## TUNABLE WHITE

Luminaire Series Seem 4 LED Wet Location

### LED Wet Location FSM4LWL Shielding (ceiling applications only) Batwing Lens (individual units only) Flush Satin Lens FL

2765T

92765T

\_C\_Z\_DL

UNV

D1TW

wн

1C

UNV

D1TW

## Lumen Output

275 Lumens per foot<br/>(3 min. with DTW)275LF375 Lumens per foot375LF625 Lumens per foot625LF625 Lumens per foot625LF

875 Lumens per foot875LF1000 Lumens per foot1000LF1125 Lumens per foot1125LF

## **Color Temperature**

Tunable White: 2700-6500K, 80+ CRI Tunable White: 2700-6500K, 90+ CRI

### **Circuits & Zones**

1 Circuit, non-emergency Consult Ordering Guide on page 3 for multiple circuiting and zoning options Voltage

120/277 UNV Volt

## Control System & Dimming Level

DALI - 1% Dimming (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

## Trim Flange Drywall TF

(3' minimum with Lutron) Trim Flange Wood TFW (3' minimum with Lutron) Mud-in Trimless, XF1

pre-set for 1/2" Drywall Mud-in Trimless, XF2 pre-set for 5/8" Drywall Mud-in Trimless, XFF set thickness in field

(Mounting equipment assembled in field) Non-Drywall Hard Surface XFN

Hard Surface, Wood XFW

## Factory Options

(See page 4 for ordering details for DC, EC, EM & ECD.) Chicago Plenum CP Daylight Circuit \_DC Emergency Circuit \_EC Emergency Battery Pack<sup>†</sup> \_EM Emergency Control Device<sup>†</sup> \_ECD +(consult factory.) 6' New York City Flex Whip (120V) FNY1 6' New York City Flex Whip (277V) FNY2 6' Flex Whip FW IP65 Rated (individual units only) IP65

## Finish

Matte White Housing WH

Luminaire Length Specify luminaire/row length in 1' increments (2' minimum, lengths are nominal. Housing length is 1'' shorter than specified.)

## TUNAE

FSM4LWL

## 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, 20 Ga. steel end caps. Housing for new construction applications. XFW acceptable for use with wood, consult factory for Type IC availability. 2' unit weight: 18 lbs., 3' unit weight: 24 lbs., 4' unit weight: 30 lbs., 5' unit weight: 36 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. .020" thick acrylic lens water shield included for continuous runs.

#### Flectrical

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

Wall

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

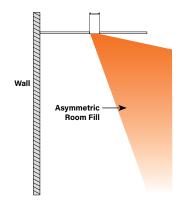
### DIRECT ASYMMETRIC Standard Application Example

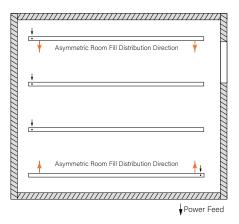
# Asymmetric Lens Distribution Direction Asymmetric Lens **Distribution Direction** 15-30" Recommended Asymmetric Lens Distribution Direction \_\_\_\_\_

Power Feed

## DIRECT ASYMMETRIC ROOM FILL Standard Application Example

Distance from Wall





## 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 > 61,000 hours Calculated: L70 at > 480,000 hours L90 > 61,000 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 35°C. 5-year limited warranty.