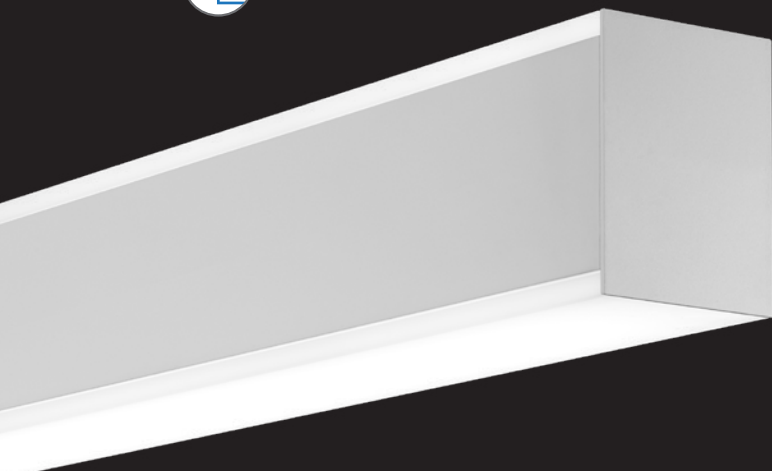


Seem® 4

LED DIRECT/INDIRECT WALL MOUNT



flush lens
top & bottom



0.5" pop-up lens /
flush lens bottom



linear suspended
companion



direct only
companion

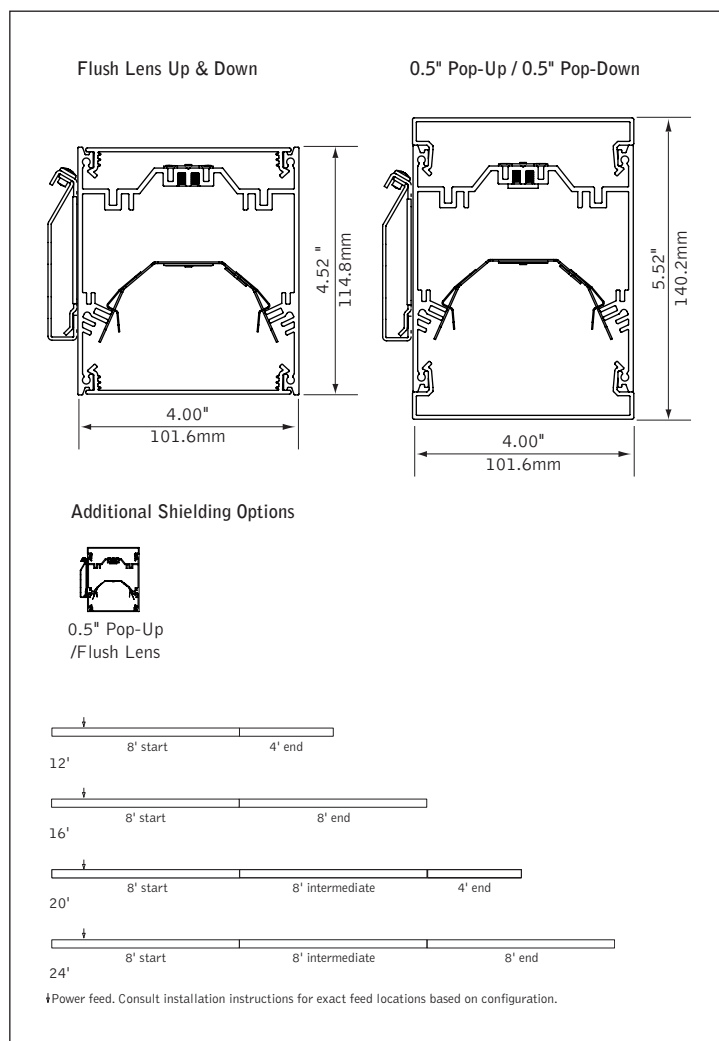


wall to ceiling
corner companion



recessed
companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 4" direct/indirect wall mount LED Pop-lens options.

Features Right Light lumen levels allowing lumen and wattage design flexibility.

Individual units and continuous runs in 1' increments.

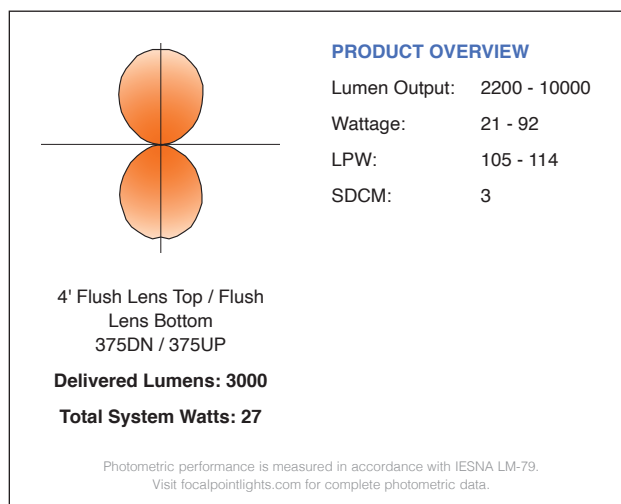
Frosted acrylic lenses provide uninterrupted illumination, without pixels or shadows.

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

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

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

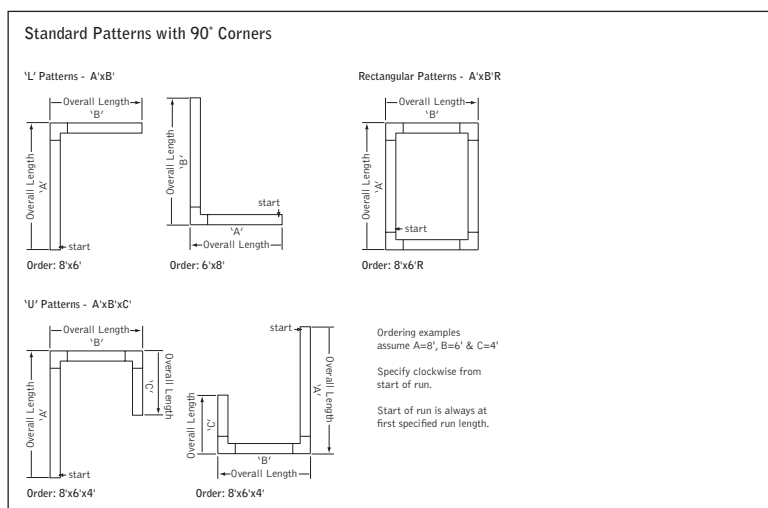
PERFORMANCE



fixture:

project:

DETAILS



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 >80 or 90 CRI, 3SDCM. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below.

Construction

One piece extruded aluminum housing. Die cast aluminum end caps. 3' unit weight: 14.5lbs., 4' unit weight: 19lbs., 5' unit weight: 25lbs.

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. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires. PoE runs require an independent PoE node and power feed for each luminaire section.

Emergency Battery

Bodine BSL310LP. Emergency output - 10 watts for 90 minutes. Maximum mounting height: 14.12ft

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
Reported: L90 at >61,000 hours
Calculated: L70 at 395,000 hours
Calculated: L90 at 100,000 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

Luminaire Series	FSM4BW
Seem 4 Direct/Indirect LED	FSM4BW
Shielding	
Flush Lens / Flush Lens Bottom	FLFL
0.5" Pop-Up Lens / Flush Lens Bottom	PUFL
0.5" Pop-Up Lens / 0.5" Pop-Down Lens	PUPD05
Direct Distribution	
(See driver compatibility chart on page 3)	
275 Lumens per foot	275DN
375 Lumens per foot	375DN
625 Lumens per foot	625DN
875 Lumens per foot	875DN
1000 Lumens per foot	1000DN
(FLFL & PUFL only)	
1250 Lumens per foot	1250DN
(FLFL only)	
Indirect Distribution	
(See driver compatibility chart on page 3)	
275 Lumens per foot	275UP
375 Lumens per foot	375UP
625 Lumens per foot	625UP
875 Lumens per foot	875UP
1000 Lumens per foot	1000UP
(FLFL & PUFL only)	
1250 Lumens per foot	1250UP
(FLFL only)	
Color Temperature	
2700K, 80+ CRI or 2700K, 90+ CRI	27K or 927K
3000K, 80+ CRI or 3000K, 90+ CRI	30K or 930K
3500K, 80+ CRI or 3500K, 90+ CRI	35K or 935K
4000K, 80+ CRI or 4000K, 90+ CRI	40K or 940K
Circuit	
Single Circuit	1C
Dual Circuit	2C
(Multiple feeds required for 0-10V drivers)	
Voltage	
UNV Volt	UNV
Low Voltage	LV
Control System & Dimming Level	
0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	L11
Low Voltage, PoE compatible	LVN
(No driver. Not available with EM or EC. LV Voltage only.)	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5
DALI - 1% Dimming	D11
(625 lumens per foot max.)	
Mounting	WM
Wall Mount	WM
Factory Options	
Emergency Circuit*	EC
Emergency Battery Pack*	EM
(8' lengths or longer. 4' illuminated area.)	
Finish	
Black	BK
Titanium Silver	TS
Matte White Housing	WH
Luminaire Length	
(3' minimum length. Leave blank for patterns. Lengths are nominal)	
Specify luminaire/row length in 1' increments	X'
(Smaller increments available. Consult factory.)	
Pattern Options	
'L' pattern (5' minimum length)	A' x B'
'U' pattern (7' minimum length)	A' x B' x C'
Rectangular pattern (7' minimum length)	A' x B'R
(Consult factory for other pattern options)	



Options in orange qualify for the Quickship program. Run lengths in 1' increments, 1000' total. Refer to Quickship Guide for complete details.

DRIVER COMPATIBILITY CHART

Driver Description	Driver Code	Lumens per foot					
		275	375	625	875	1000	1250
0-10V - 10% Dimming	LD1	✓	✓	✓	✓	✓	✓
0-10V - 1% Dimming	L11	✓	✓	✓	✓	✓	✓
DALI - 1% Dimming	D11	✓	✓	✓			
Lutron Hi-Lume - 1% EcoSystem	LH1	✓	✓	✓	✓	✓	✓
Lutron 5-Series - 5% EcoSystem Digital	LU5	✓	✓	✓	✓	✓	✓

4' PERFORMANCE CHART - FLUSH LENS/FLUSH LENS

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	LPW
275DN	275UP	50/50	2200	21	105
	375UP	40/60	2600	24	108
	625UP	30/70	3600	32	113
	875UP	25/75	4600	43	107
	1000UP	20/80	5100	47	109
	1250UP	15/85	6100	57	107
375DN	275UP	60/40	2600	24	108
	375UP	50/50	3000	27	111
	625UP	40/60	4000	35	114
	875UP	30/70	5000	46	109
	1000UP	25/75	5500	50	110
	1250UP	20/80	6500	60	108
625DN	275UP	70/30	3600	32	113
	375UP	60/40	4000	35	114
	625UP	50/50	5000	44	114
	875UP	40/60	6000	54	111
	1000UP	35/65	6500	58	112
	1250UP	30/70	7500	68	110
875DN	275UP	80/20	4600	43	107
	375UP	70/30	5000	46	109
	625UP	60/40	6000	54	111
	875UP	50/50	7000	64	109
	1000UP	45/55	7500	69	109
	1250UP	40/60	8500	78	109
1000DN	275UP	80/20	5100	47	109
	375UP	70/30	5500	50	110
	625UP	60/40	6500	58	112
	875UP	55/45	7500	69	109
	1000UP	50/50	8000	73	110
	1250UP	45/55	9000	82	110
1250DN	275UP	85/15	6100	57	107
	375UP	80/20	6500	60	108
	625UP	70/30	7500	68	110
	875UP	60/40	8500	78	109
	1000UP	55/45	9000	82	110
	1250DN	50/50	10000	92	109

*Based on 3500k, 4' lengths. *Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%. Pop-Up Lens/Pop-down lens lumen output may vary +/- 5%