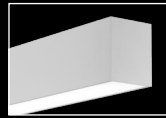


Seem® 4

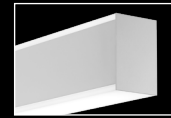
LED DIRECT/INDIRECT WALL MOUNT



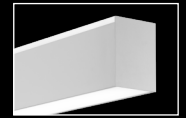
FOCAL POINT®



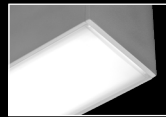
flush lens
top & bottom



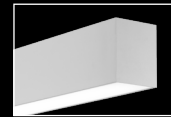
pop-up lens &
pop-down lens



pop-up lens &
flush lens bottom



end detail



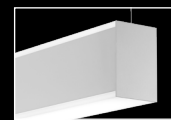
direct only
companion



recessed
companion

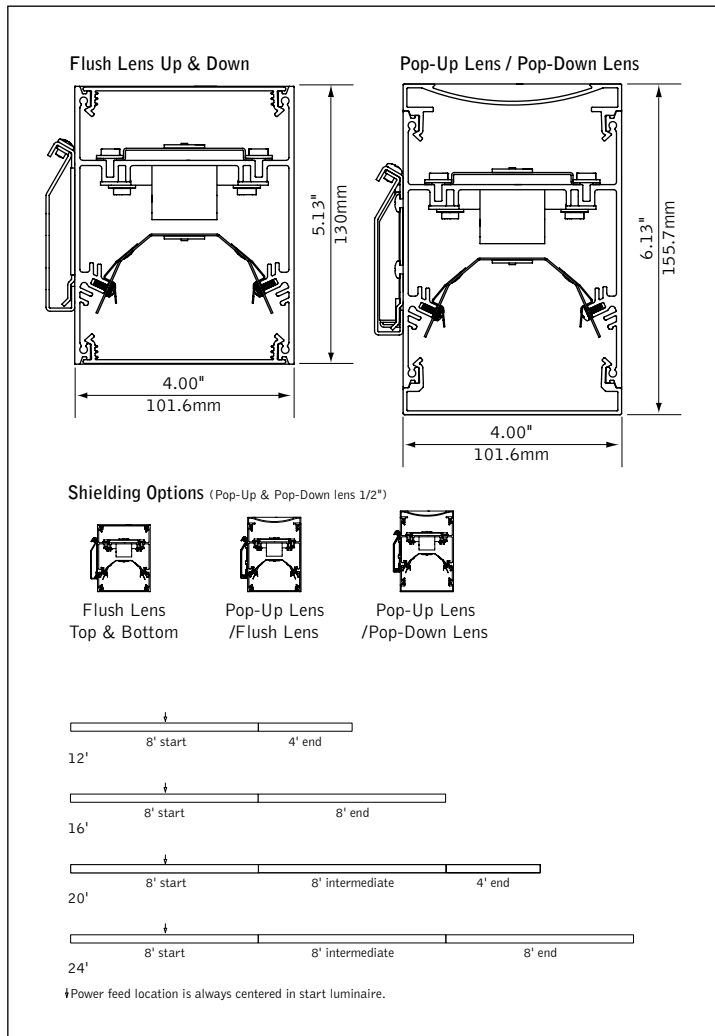


wall to ceiling
corner companion



linear suspended
companion

DIMENSIONAL DATA



FEATURES

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

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

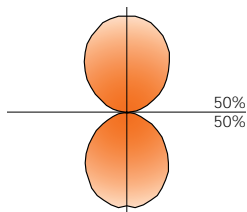
Individual units and continuous runs in 1' increments.

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.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output: 2200 - 7500

Wattage: 24 - 86W

LPW: 86 - 96

Distribution: 20/80 - 80/20

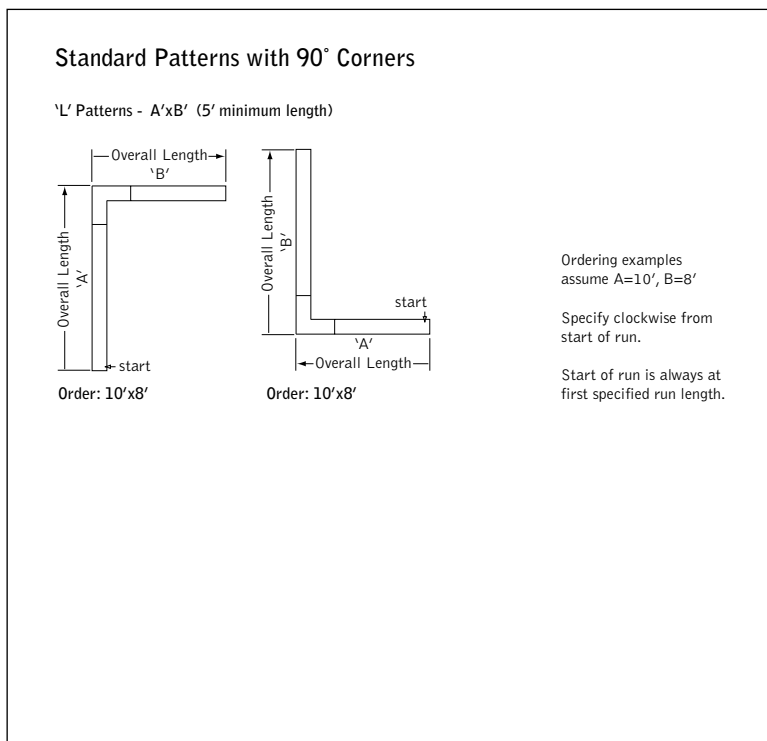
SDCM: 3

Lumen Maintenance: L90 @ 106,000hrs

4' Pop-up Lens Top / Flush Lens Bottom
375 Lm/ft Up & Down
Delivered Lumens: 3000lm
Total System Watts: 33W

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.

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 CRI>80, 3SDCM. 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.

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

Calculated: L90 at 106,000 hours Reported: L90 at >61,000 hours
 Derived from EPA TM-21 calculator

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	<u> </u>
Seem 4 Direct/Indirect LED	FSM4BW	<u> </u>
Shielding		<u> </u>
Flush Lens Top / Flush Lens Bottom	FLFL	<u> </u>
Pop-Up Lens/ Flush Lens Bottom	PUFL	<u> </u>
Pop-Up Lens/ Pop-Down Lens	PUPD	<u> </u>
Direct Distribution		<u> </u>
(See driver compatibility chart on page 3)		
275 Lumens per foot	275DN	<u> </u>
375 Lumens per foot	375DN	<u> </u>
625 Lumens per foot	625DN	<u> </u>
875 Lumens per foot	875DN	<u> </u>
1000 Lumens per foot	1000DN	<u> </u>
(Not available with 1000UP Indirect)		
Indirect Distribution		<u> </u>
(See driver compatibility chart on page 3)		
275 Lumens per foot	275UP	<u> </u>
375 Lumens per foot	375UP	<u> </u>
625 Lumens per foot	625UP	<u> </u>
875 Lumens per foot	875UP	<u> </u>
1000 Lumens per foot	1000UP	<u> </u>
(Not available with 1000DN direct)		
Color Temperature		<u> </u>
3000K	30K	<u> </u>
3500K	35K	<u> </u>
4000K	40K	<u> </u>
Circuit		<u> </u>
Single Circuit	1C	<u> </u>
Dual Circuit	2C	<u> </u>
(Multiple feeds required for 0-10V drivers)		
Voltage		<u> </u>
120 Volt	120	<u> </u>
277 Volt	277	<u> </u>
UNV Volt	UNV	<u> </u>
(Cannot be specified with EM option)		
Driver		<u> </u>
(See driver reference for driver quantities)		
0-10V - 10% Dimming	LD1	<u> </u>
DALI - 1% Dimming	D11	<u> </u>
(625 lumens per foot max.)		
Lutron A-Series -	L3D	<u> </u>
1% EcoSystem Digital		
(875 lumens per foot max. Consult factory for 3-wire control)		
Lutron 5-Series -	LU5	<u> </u>
5% EcoSystem Digital		
(Consult factory for availability. 625 lumens per foot min.)		
Mounting	WM	<u> </u>
Wall Mount	WM	<u> </u>
Factory Options		<u> </u>
Emergency Circuit*	EC	<u> </u>
Emergency Battery Pack*	EM	<u> </u>
(8' lengths or longer. 4' illuminated area.)		
Finish		<u> </u>
Titanium Silver	TS	<u> </u>
Matte White Housing	WH	<u> </u>
Luminaire Length		<u> </u>
(3' minimum length. Leave blank for patterns. Lengths are nominal)		
Specify luminaire/row length in 1' increments	X'	<u> </u>
(Smaller increments available. Consult factory.)		
Pattern Options		<u> </u>
'L' pattern	A' x B'	<u> </u>
(5' minimum length)		
(Consult factory for other pattern options)		

DRIVER COMPATIBILITY CHART

Driver Description	Driver Code	Lumens per foot				
		275	375	625	875	1000
0-10V - 10% Dimming	LD1	✓	✓	✓	✓	✓
DALI - 1% Dimming	D11	✓	✓	✓		
Lutron A-Series - 1% EcoSystem Digital	L3D	✓	✓	✓	✓	
Lutron 5-Series - 5% EcoSystem Digital <small>(Consult factory for availability)</small>	LU5			✓	✓	✓

4' PERFORMANCE CHART

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	LPW
275DN	275UP	50/50	2200	24	92
	375UP	40/60	2600	28	93
	625UP	30/70	3600	40	90
	875UP	25/75	4600	52	88
	1000UP	20/80	5100	58	88
375DN	275UP	60/40	2600	28	93
	375UP	50/50	3000	33	91
	625UP	40/60	4000	44	91
	875UP	30/70	5000	56	89
	1000UP	25/75	5500	62	89
625DN	275UP	70/30	3600	40	90
	375UP	60/40	4000	44	91
	625UP	50/50	5000	53	94
	875UP	40/60	6000	63	95
	1000UP	35/65	6500	68	96
875DN	275UP	80/20	4600	52	88
	375UP	70/30	5000	56	89
	625UP	60/40	6000	68	88
	875UP	50/50	7000	80	88
	1000UP	45/55	7500	86	87
1000DN	275UP	80/20	5100	59	86
	375UP	70/30	5500	62	89
	625UP	60/40	6500	74	88
	875UP	55/45	7500	86	87

*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%

Seem® 4

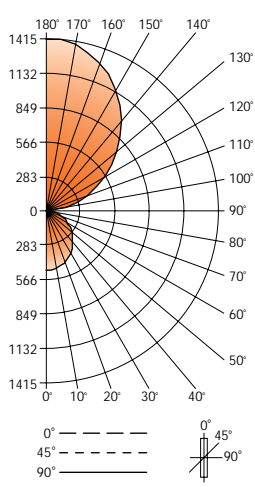
LED DIRECT/INDIRECT - POP-UP LENS/POP-DOWN LENS

FSM4BW-PUPD-375DN-1000UP-35K-1C-120-LD1

Filename: FSM4BSPUPD375DN1000UP35K.IES
Test #: 18974.0

Lumens: 5436lm
System Watts: 63W
LPW: 86

CANDLEPOWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
1415	497	497	497	497	497
1132	503	496	496	494	491
849	479	473	478	478	476
566	437	437	446	445	445
283	372	378	396	403	409
0	297	311	336	360	360
283	222	246	288	299	308
566	146	182	225	243	240
849	76	118	149	170	170
1132	18	47	76	99	103
1415	7	31	61	85	90
0	76	88	99	118	121
10°	236	269	275	281	283
20°	436	463	479	478	479
30°	654	663	667	670	664
40°	870	867	867	862	855
0°	1064	1060	1055	1039	1035
15°	1233	1235	1220	1202	1203
30°	1350	1345	1339	1333	1326
45°	1412	1415	1405	1400	1390
60°	1411	1411	1411	1411	1411

LUMEN SUMMARY

Zone	Lumens	% Fixture
Y	386	7.1
Y	1573	28.9
90-180	3863	71.1
Total Luminaire Y	5436	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	Y	Y
Y	3217	3132	3204
Y	2944	3104	3117
Y	2590	2983	2929
Y	2134	2665	2704
Y	1298	2190	2458

Go to www.focalpointlights.com for additional photometric data.