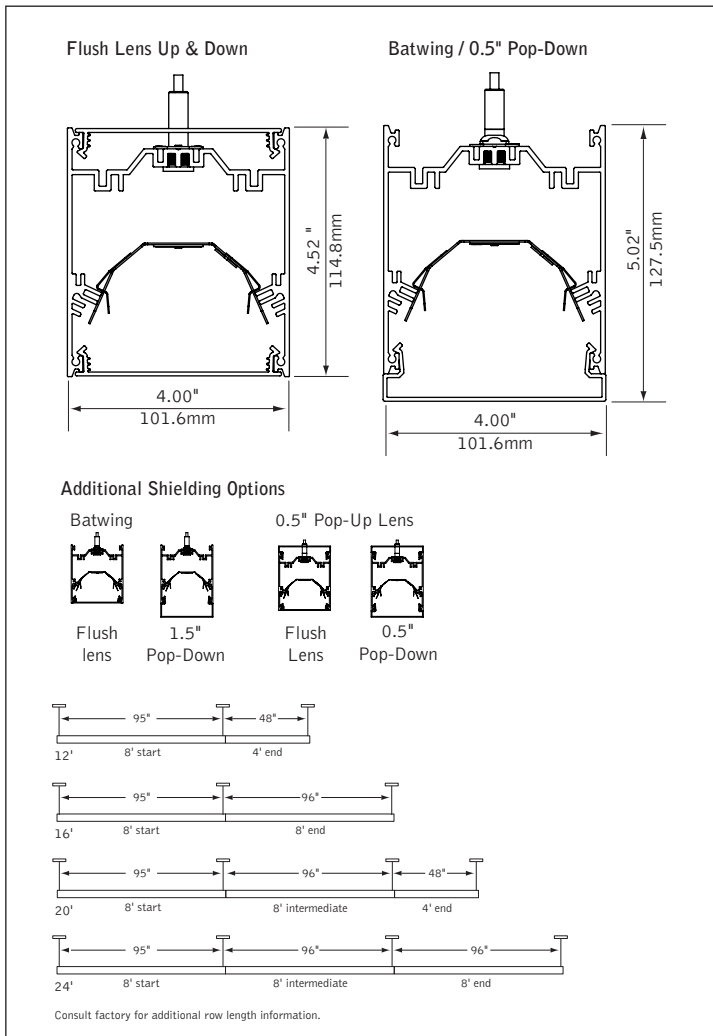


## DIMENSIONAL DATA



## FEATURES

Narrow extruded aluminum 4" linear direct/indirect LED with indirect batwing optic and Pop-lens options.

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

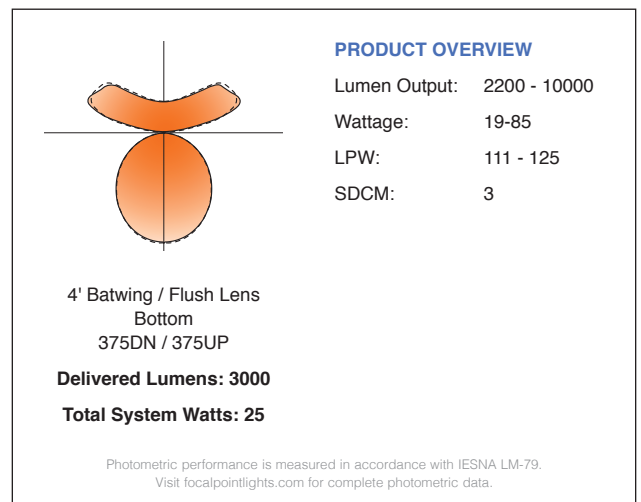
Individual units and continuous runs in 1' increments.

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

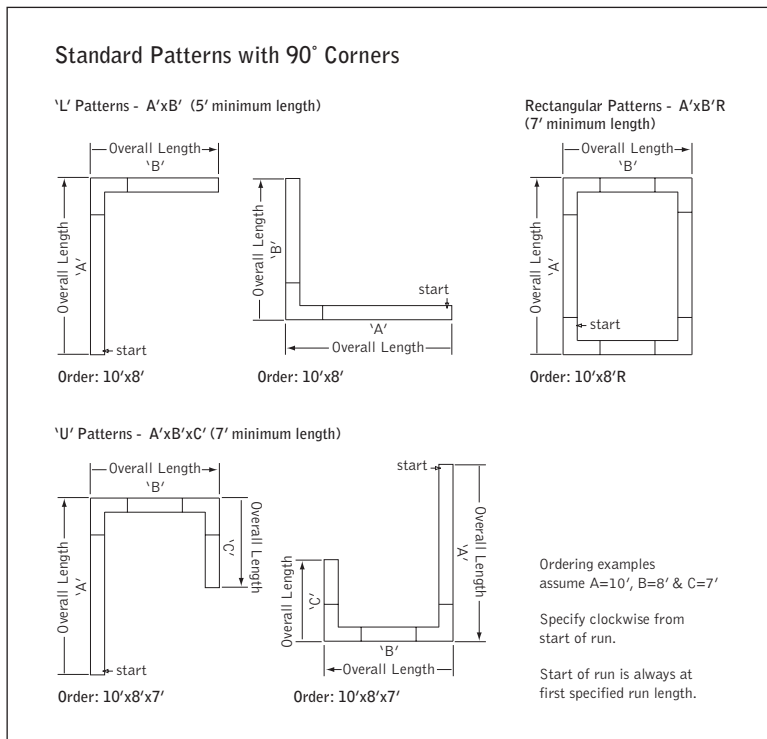
LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

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

## PERFORMANCE



**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 2700K, 3000K, 3500K or 4000K with >80 or 90 CRI, 3SDCM. LED modules and drivers are replaceable from below.

**Construction**

One piece extruded aluminum housing. Die cast aluminum end caps. 3' unit weight: 14.75lbs., 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: 15.54ft

**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. Canopy and cord white as standard.

**Lumen Maintenance**

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

<b>Luminaire Series</b>	<b>FSM4BS</b>
Seem 4 Direct/Indirect LED	FSM4BS
<b>Shielding</b>	
Flush Lens / Flush Lens Bottom	FLFL
Batwing / Flush Lens Bottom	BWFL
Batwing / 0.5" Pop-Down Bottom	BWPD05
Batwing / 1.5" Pop-Down Bottom (3' - 8' individual lengths only)	BWPD15
0.5" Pop-Up Lens / Flush Lens Bottom	PUFL
0.5" Pop-Up Lens / 0.5" Pop-Down Lens	PUPD05
<b>Direct Distribution</b> (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 (FLFL, BWFL & PUFL only.)	1000DN
1250 Lumens per foot (FLFL & BWFL only.)	1250DN
<b>Indirect Distribution</b> (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 (FLFL, BWFL & PUFL only.)	1000UP
1250 Lumens per foot (FLFL & BWFL only.)	1250UP
<b>Color Temperature</b>	
2700K, 80CR or 2700K, 90CRI	27K or 927K
3000K, 80CR or 3000K, 90CRI	30K or 930K
3500K, 80CR or 3500K, 90CRI	35K or 935K
4000K, 80CR or 4000K, 90CRI	40K or 940K
<b>Circuit</b>	
Single Circuit	1C
Dual Circuit	2C
(Multiple feeds required for 0-10V drivers)	
<b>Voltage</b>	<b>UNV</b>
UNV Volt	UNV
<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
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5
DALI - 1% Dimming (625 lumens per foot max.)	D11
<b>Mounting</b>	
24" Cable Suspension	C24__
48" Cable Suspension	C48__
96" Cable Suspension	C96__
(Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: C24WH.) (Specify one of the following in place of "C" J - for 2' canopies at non-feed locations. CS - for sloped ceiling applications.)	
<b>Factory Options</b>	
Black Cord	BKCD
Emergency Circuit	EC
Emergency Battery Pack (8' lengths or longer. 4' illuminated area.)	EM
<b>Finish</b>	
Black	BK
Titanium Silver	TS
Matte White Housing	WH
<b>Luminaire Length</b> (3' minimum length. Leave blank for patterns. Lengths are nominal)	
Specify luminaire/row length in 1' increments (Smaller increments available. Consult factory.)	X'
<b>Pattern Options</b>	
'L' pattern (5' minimum length)	A' x B'
'U' pattern (7' minimum length)	A' x B' x C'
Rectangular pattern (7' minimum length) (Consult factory for other pattern options)	A' x B'R



Options in orange qualify for the Quickship program. Run lengths in 1' increments, 400' 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 - BATWING/FLUSH LENS

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	LPW
275DN	275UP	50/50	2200	19	116
	375UP	40/60	2600	22	118
	625UP	30/70	3600	29	124
	875UP	25/75	4600	37	124
	1000UP	20/80	5100	42	121
	1250UP	15/85	6100	50	122
375DN	275UP	60/40	2600	22	118
	375UP	50/50	3000	25	120
	625UP	40/60	4000	32	125
	875UP	30/70	5000	40	125
	1000UP	25/75	5500	44	125
	1250UP	20/80	6500	53	123
625DN	275UP	70/30	3600	31	116
	375UP	60/40	4000	34	118
	625UP	50/50	5000	41	122
	875UP	40/60	6000	49	122
	1000UP	35/65	6500	53	123
	1250UP	30/70	7500	62	121
875DN	275UP	80/20	4600	41	112
	375UP	70/30	5000	44	114
	625UP	60/40	6000	51	118
	875UP	50/50	7000	59	119
	1000UP	45/55	7500	63	119
	1250UP	40/60	8500	72	118
1000DN	275UP	80/20	5100	45	113
	375UP	70/30	5500	48	115
	625UP	60/40	6500	55	118
	875UP	55/45	7500	63	119
	1000UP	50/50	8000	68	118
	1250UP	45/55	9000	76	118
1250DN	275UP	85/15	6100	55	111
	375UP	80/20	6500	58	112
	625UP	70/30	7500	65	115
	875UP	60/40	8500	73	116
	1000UP	55/45	9000	77	117
	1250UP	50/50	10000	85	118

\*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%