

# Seem® 4

LED DIRECT/INDIRECT



flush lens  
top & bottom



0.5" pop-up lens /  
flush lens bottom



Batwing / 0.5"  
pop-down lens



Batwing / 1.5"  
pop-down lens



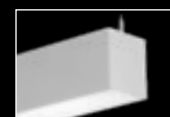
The Naturals collection - Light Oak shown



single point corner  
suspension



wall mount  
companion

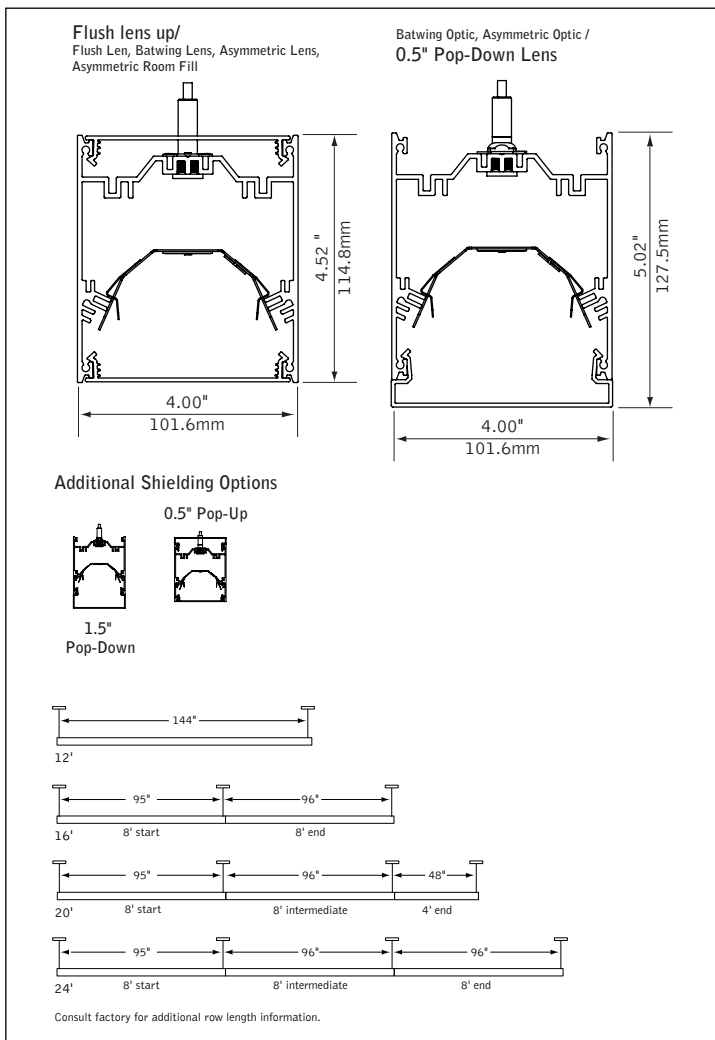


linear direct only  
companion



wall to ceiling  
corner companion

## DIMENSIONAL DATA



## FEATURES

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

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.

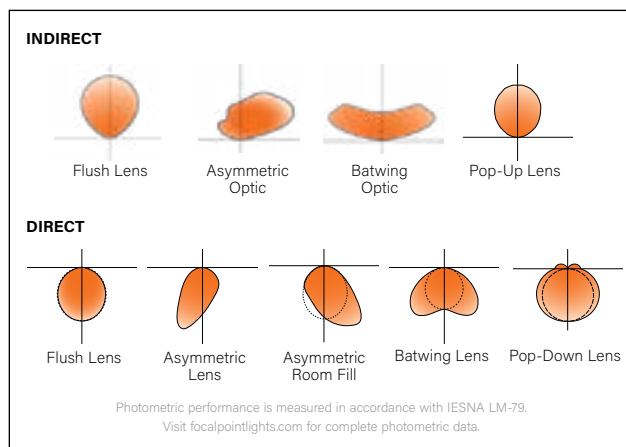
Choice of output levels and light distributions to meet a wide variety of application needs.

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

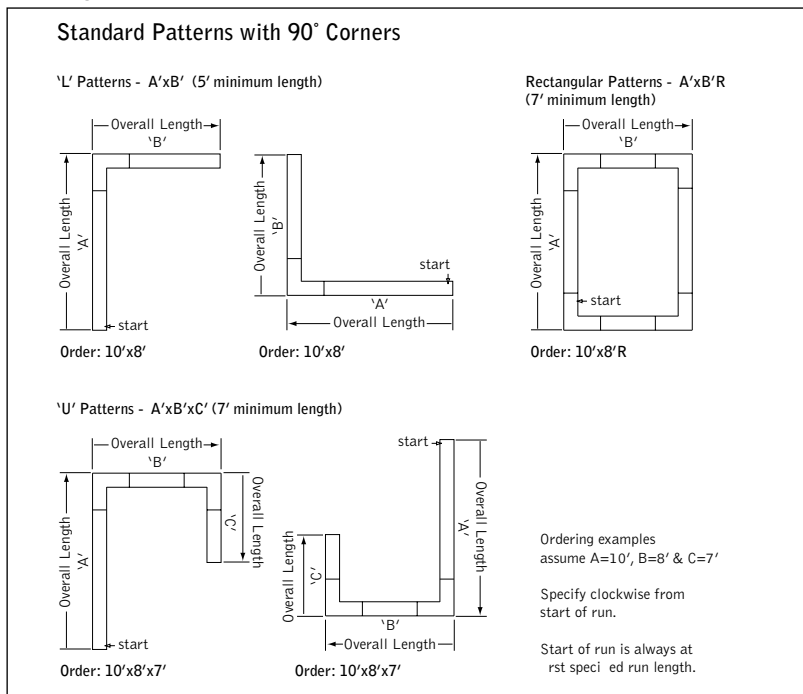
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

Available with The Naturals, a series of finishes that exude biophilic beauty.

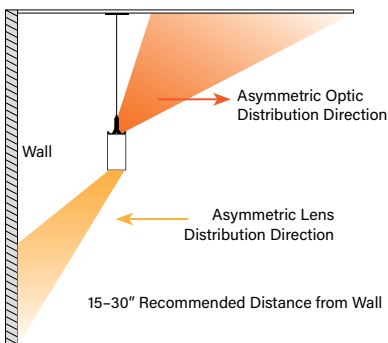
## DISTRIBUTIONS



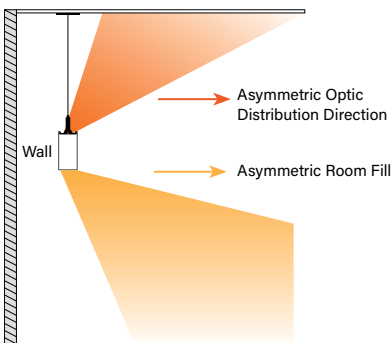
**DETAILS**



**DIRECT/INDIRECT ASYMMETRIC**  
Standard Application Example



**DIRECT/INDIRECT ASYMMETRIC ROOM FILL**  
Standard Application Example



**STANDARD WHITE**

**Luminaire Series**

Seem 4 Direct/Indirect LED **FSM4BS**

**Shielding**

(Combine Indirect and Direct options to create a single code.)

**Indirect/Top Shielding Options**

Asymmetric Optic AS  
Batwing Optic BW  
Flush Lens FL  
0.5" Pop-Up Lens PU

**Direct/Bottom Shielding Options**

Asymmetric Lens AS  
Asymmetric Room Fill AF  
Batwing Lens Bottom BW  
(Asymmetric Optic not available.)  
Flush Lens Bottom FL  
0.5" Pop-Down Bottom PD05  
1.5" Pop-Down Bottom PD15  
(3' - 12' individual lengths only. Not available with Pop-Up lens.)

**Direct Distribution**

(875 Lumens per foot maximum for xxPD05 & xxPD15.)

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  
1125 Lumens per foot 1125DN  
1250 Lumens per foot 1250DN

**Indirect Distribution**

(1000 Lumens per foot maximum for PUxx.)

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  
1125 Lumens per foot 1125UP  
1250 Lumens per foot 1250UP

**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

**Circuits & Zones**

1 Circuit, non-emergency 1C  
2 non-emergency circuits provide independent control of Direct and Indirect sources 2C  
Consult Ordering Guide on page 4 for multiple circuiting and zoning options \_C\_Z\_DL

**Voltage**

120/277 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

DALI - 1% Dimming (1000 lumens per foot max.) D11

**Mounting**

24" Cable Suspension C24\_\_  
48" Cable Suspension C48\_\_  
96" Cable Suspension C96\_\_

(Specify canopy color, see finishes page for options.

Example: White = C24WH.)

(Specify one of the following in place of "C" J - for 2" canopies at non-feed locations. CS - for sloped ceiling applications.)

**Factory Options**

(See Ordering Guide for ordering details for DC, EC, EM & ECD.)

Black Cord BKCD

Daylight Circuit \_DC

Emergency Circuit \_EC

Emergency Battery Pack<sup>†</sup> \_EM

Emergency Control Device<sup>†</sup> \_ECD

<sup>†</sup>(4' minimum. 120/277 Volt Only. EM or ECD not available at corners.)

**Finish**

(See finishes page for The Naturals options)

Black BK

Titanium Silver TS

Matte White Housing WH

**Luminaire/Row Length**

(3' minimum length. Leave blank for patterns. Lengths are nominal)

Specify in 1' increments X'

(Lengths are nominal, up to 12' individuals available.

See Run Chart (page 4) for ordering codes. Smaller increments available, consult factory for details. Leave blank for patterns.)

**Pattern Options**

'L' pattern (5' minimum length) A' x B'

'U' pattern (7' minimum length) A' x B' x C'

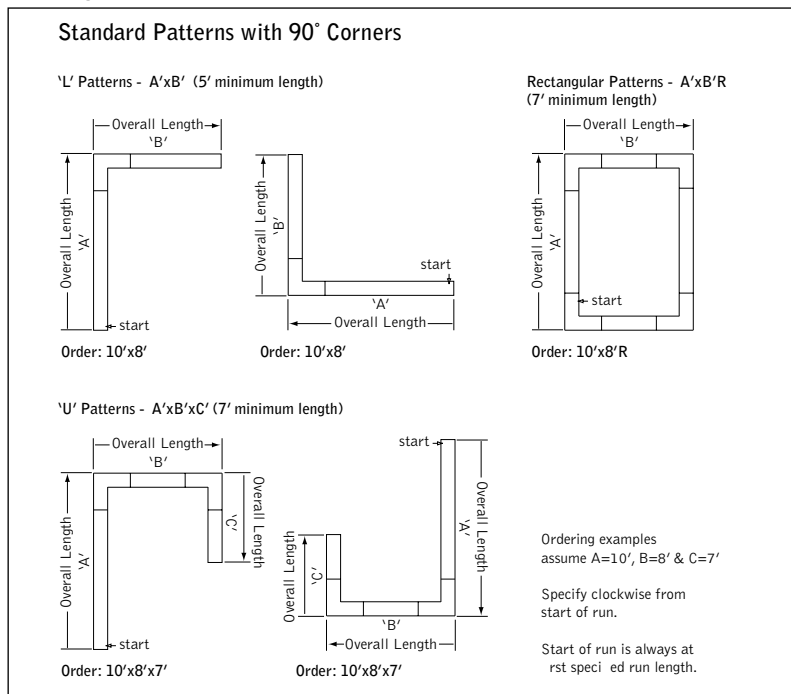
Rectangular pattern (7' minimum length) A' x B'R

(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.

**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, 3 SDCM or Tunable White (2700K-6500K), CRI>80, >90. 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**

9-12' luminaires ship on 13' (157") pallets, forklift extensions of 72" are required to avoid damage. One piece extruded aluminum housing. Die cast aluminum end caps. 3' unit weight: 14.75lbs., 4' unit weight: 19lbs., 5' unit weight: 25lbs., 12' unit weight: 47lbs.

**Optic**

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" thick with satin finish, up to 12' 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: Flush Lens - 20.18ft. Maximum mounting height: Pop-Down Lens - 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. The Naturals: 100% low VOC vinyl.

**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.



**TUNABLE WHITE**

**Luminaire Series**  
 Seem 4 Direct/Indirect LED **FSM4BS**

**Shielding**  
 (Combine Indirect and Direct options to create a single code.)

**Indirect/Top Shielding Options**

Batwing Optic BW  
 Flush Lens FL  
 0.5" Pop-Up Lens PU

**Direct/Bottom Shielding Options**

Batwing Lens Bottom BW  
 Flush Lens Bottom FL  
 0.5" Pop-Down Bottom PD05  
 1.5" Pop-Down Bottom PD15  
 (3' - 8' individual lengths only. Not available with Pop-Up lens.)

**Direct Distribution**  
 (875 Lumens per foot maximum for xxPD05 & xxPD15)

**275 Lumens per foot** 275DN  
 (4' min with LT1 & the following shielding options: BWBW, BWFL, FLBW, FLFL, PUBW, PUFFL.)

**375 Lumens per foot** 375DN  
**625 Lumens per foot** 625DN  
**875 Lumens per foot** 875DN  
**1000 Lumens per foot** 1000DN  
**1125 Lumens per foot** 1125DN

**Indirect Distribution**  
 (1000 Lumens per foot maximum for PUxx.)

**275 Lumens per foot** 275UP  
 (4' min with D1TW & Batwing Indirect Optic. 4' min with LT1.)

**375 Lumens per foot** 375UP  
**625 Lumens per foot** 625UP  
**875 Lumens per foot** 875UP  
**1000 Lumens per foot** 1000UP  
**1125 Lumens per foot** 1125UP

**Color Temperature**

Tunable White: 2700-6500K, 80+ CRI 2765T  
 Tunable White: 2700-6500K, 90+ CRI 92765T

**Circuits & Zones**

1 Circuit, non-emergency 1C  
 2 non-emergency circuits provide independent control of Direct and Indirect sources 2C  
 Consult Ordering Guide for multiple circuiting and zoning options \_C\_Z\_DL

**Voltage**  
 120/277 UNV Volt UNV

**Control System & Dimming Level**

Lutron T-Series - 1% Dimming LT1  
 DALI - 1% Dimming D1TW  
 (DT6 control. Requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8.)

**Mounting**

24" Cable Suspension C24\_  
 48" Cable Suspension C48\_  
 96" Cable Suspension C96\_  
 (Specify canopy color, see finishes page for options. Example: White = C24WH.)  
 (Specify one of the following in place of "C"  
 J - for 2" canopies at non-feed locations.  
 CS - for sloped ceiling applications.)

**Factory Options**  
 (See Ordering Guide on page 4 for ordering details for DC, EC, EM & ECD.)

Black Cord BKCD  
 Daylight Circuit \_DC  
 Emergency Circuit \_EC  
 Emergency Battery Pack<sup>†</sup> \_EM  
 Emergency Control Device<sup>†</sup> \_ECD  
<sup>†</sup>(Consult factory)

**Finish**  
 (See finishes page for The Naturals options)

Black BK  
 Titanium Silver TS  
 Matte White Housing WH












**Luminaire/Row Length**  
 (3' minimum length. Leave blank for patterns. Lengths are nominal)

Specify in 1' increments X'  
 (Lengths are nominal, up to 8' individuals available. See Run Chart (page 4) for ordering codes. Smaller increments available, consult factory for details. Leave blank for patterns.)

**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)

4<sup>th</sup> PERFORMANCE CHART - ASYMMETRIC OPTIC, BATWING OPTIC

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Nominal Lumens	Tested System Watts†	Lumens Per Watt (LPW)							Tested System Watts†	Lumens Per Watt (LPW)			
																
275DN	275	50/50	2200	18.2	121	121	117	122	122	121	118	21.2	106	107	107	108
	375	42/58	2600	20.8	128	128	124	129	129	128	126	23.8	113	115	114	116
	625	31/69	3600	27.9	135	135	132	137	137	136	134	30.9	123	125	125	126
	875	24/76	4600	36.0	134	134	132	136	136	135	134	39.0	124	126	126	127
	1000	22/78	5100	40.0	134	134	132	136	136	135	134	43.0	125	127	127	128
	1125	20/80	5600	44.0	134	134	132	136	136	135	134	47.0	126	127	128	129
	1250	18/82	6100	46.9	136	136	134	138	138	137	136	49.9	128	129	130	131
375DN	275	58/42	2600	21.2	125	125	120	126	126	124	121	25.4	104	106	105	107
	375	50/50	3000	23.8	131	131	126	132	132	130	127	28.0	111	112	112	114
	625	38/62	4000	30.9	137	137	133	138	138	137	135	35.1	120	122	121	123
	875	30/70	5000	39.0	135	135	132	137	137	136	134	43.2	122	123	123	125
	1000	27/73	5500	43.0	135	135	133	137	137	136	134	47.1	123	124	125	126
	1125	25/75	6000	47.0	135	135	132	137	137	136	134	51.2	124	125	125	126
	1250	23/77	6500	49.9	137	137	134	138	138	137	136	54.1	126	127	128	129
625DN	275	69/31	3600	30.1	124	124	118	125	125	122	119	38.5	98	100	98	100
	375	63/37	4000	32.6	128	128	123	129	129	127	123	41.1	102	105	103	105
	625	50/50	5000	39.8	133	133	129	135	135	132	130	48.2	110	112	111	113
	875	42/58	6000	47.8	133	133	129	134	134	132	130	56.3	113	115	114	116
	1000	38/62	6500	51.8	133	133	129	134	134	133	131	60.2	115	116	116	118
	1125	36/64	7000	55.9	133	133	129	134	134	133	131	64.3	116	117	117	119
	1250	33/67	7500	58.8	134	134	131	136	136	135	133	67.2	118	119	119	121
875DN	275	76/24	4600	39.1	123	123	116	124	124	121	117	49.3	97	94	98	94
	375	70/30	5000	41.7	127	126	120	127	127	124	121	51.9	101	98	102	98
	625	58/42	6000	48.8	131	131	125	132	132	129	126	59.0	108	105	109	106
	875	50/50	7000	56.9	131	131	126	132	132	130	127	67.1	110	108	111	109
	1000	47/53	7500	60.8	131	131	127	132	132	130	128	71.0	112	109	113	110
	1125	44/56	8000	64.9	131	131	127	132	132	131	128	75.1	113	110	114	112
	1250	41/59	8500	67.8	132	132	128	134	134	132	130	78.0	115	112	116	114
1000DN	275	78/22	5100	43.7	122	122	115	123	123	120	116	—	—	—	—	—
	375	73/27	5500	46.2	125	125	119	126	126	123	119	—	—	—	—	—
	625	62/38	6500	53.4	129	129	124	130	130	128	124	—	—	—	—	—
	875	53/47	7500	61.4	129	129	124	130	130	128	125	—	—	—	—	—
	1000	50/50	8000	65.4	130	130	125	131	131	129	126	—	—	—	—	—
	1125	47/53	8500	69.5	130	130	125	131	131	129	127	—	—	—	—	—
	1250	44/56	9000	72.4	131	131	127	133	133	131	128	—	—	—	—	—
1125DN	275	80/20	5600	48.3	121	120	114	122	121	118	114	—	—	—	—	—
	375	75/25	6000	50.9	124	123	117	124	124	121	118	—	—	—	—	—
	625	64/36	7000	58.0	128	127	122	129	128	126	123	—	—	—	—	—
	875	56/44	8000	66.0	128	128	123	129	129	127	124	—	—	—	—	—
	1000	53/47	8500	70.0	129	128	124	130	129	127	125	—	—	—	—	—
	1125	50/50	9000	74.1	129	128	124	130	129	128	125	—	—	—	—	—
	1250	47/53	9500	77.0	130	130	126	131	131	129	127	—	—	—	—	—
1250DN	275	82/18	6100	52.1	121	120	113	121	120	118	114	—	—	—	—	—
	375	77/23	6500	54.7	123	123	116	124	123	121	117	—	—	—	—	—
	625	67/33	7500	61.8	127	126	121	128	127	125	122	—	—	—	—	—
	875	59/41	8500	69.9	127	127	122	128	128	126	123	—	—	—	—	—
	1000	56/44	9000	73.8	128	127	123	129	128	126	124	—	—	—	—	—
	1125	53/47	9500	77.9	128	127	123	129	129	127	124	—	—	—	—	—
	1250	50/50	10000	80.8	129	129	124	131	130	128	126	—	—	—	—	—

\*Based on 3500K, 4' lengths. Lumen output may vary +/- 5%. Pop-Up Lens/Pop-down lens lumen output may vary +/- 5% † Worst case system wattage shown. Actual wattage will vary based on shielding selection.

4' PERFORMANCE CHART - FLUSH LENS INDIRECT, POP-UP LENS

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Nominal Lumens	Tested System Watts†	Lumens Per Watt (LPW)								Tested System Watts†	Lumens Per Watt (LPW)		
																
					FLAS	FLAF	FLBW	FLFL	PUAS	PUAF	PUBW	PUFL		FLPD05	FLPD15	PUPD05
275DN	275	50/50	2200	17.6	122	122	120	118	113	113	111	109	20.6	106	108	100
	375	42/58	2600	20.7	125	125	123	121	116	116	114	112	23.7	110	112	104
	625	31/69	3600	27.9	130	130	129	127	115	115	114	112	30.9	119	120	106
	875	24/76	4600	36.0	129	129	128	126	113	113	113	112	39.0	120	121	107
	1000	22/78	5100	40.0	129	129	128	127	115	115	114	113	43.0	120	121	108
	1125	20/80	5600	44.0	128	128	128	127	—	—	—	—	47.0	121	122	—
375DN	275	58/42	2600	20.6	126	126	124	121	118	118	116	113	24.8	105	106	99
	375	50/50	3000	23.7	128	128	126	123	120	120	118	115	27.8	109	110	103
	625	38/62	4000	30.9	132	132	131	129	118	118	116	115	35.1	116	118	105
	875	30/70	5000	39.0	130	130	129	127	116	116	115	113	43.2	117	119	106
	1000	27/73	5500	43.0	130	130	129	128	117	117	116	114	47.1	118	119	108
	1125	25/75	6000	47.0	130	130	129	127	—	—	—	—	51.2	119	120	—
625DN	275	69/31	3600	29.4	125	125	122	119	119	119	116	113	37.9	98	100	95
	375	63/37	4000	32.5	126	126	124	121	120	120	118	115	41.0	101	103	97
	625	50/50	5000	39.8	130	130	128	125	118	118	117	114	48.2	108	110	100
	875	42/58	6000	47.8	129	129	127	125	117	117	115	113	56.3	110	111	102
	1000	38/62	6500	51.8	129	129	127	125	117	117	116	114	60.2	111	113	103
	1125	36/64	7000	55.8	129	129	127	125	—	—	—	—	64.3	112	113	—
875DN	275	76/24	4600	38.5	124	124	121	117	119	119	116	113	48.7	97	94	95
	375	70/30	5000	41.5	125	125	122	118	120	120	117	114	51.7	100	97	97
	625	58/42	6000	48.8	128	128	126	122	119	119	116	114	59.0	106	103	100
	875	50/50	7000	56.9	127	127	125	123	117	117	115	113	67.1	108	105	101
	1000	47/53	7500	60.8	127	127	125	123	118	118	116	114	71.0	109	106	102
	1125	44/56	8000	64.9	127	127	125	123	—	—	—	—	75.1	110	107	—
1000DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	121	120	118	114	118	117	114	111	—	—	—	—
	375	77/23	6500	54.6	122	121	119	115	118	118	115	112	—	—	—	—
	625	67/33	7500	61.9	125	124	122	119	118	117	115	112	—	—	—	—
	875	59/41	8500	70.0	125	124	122	119	116	116	114	111	—	—	—	—
	1000	56/44	9000	73.9	125	124	123	120	117	116	115	112	—	—	—	—
	1125	53/47	9500	78.0	125	124	123	120	—	—	—	—	—	—	—	—

\*Based on 3500k, 4' lengths. Lumen output may vary +/- 5%. Pop-Up Lens/Pop-down lens lumen output may vary +/- 5% † Worst case system wattage shown. Actual wattage will vary based on shielding selection.

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Nominal Lumens	Tested System Watts†	Lumens Per Watt (LPW)						Tested System Watts†	Lumens Per Watt (LPW)				
					BWBW	BWFL	FLBW	FLFL	PUBW	PUFL		BWPD05	BWPD15	FLPD05	FLPD15	PUPD05
275DN	275	50/50	2200	26.3	95	93	92	90	86	84	29.9	81	84	78	81	74
	375	42/58	2600	30.3	95	93	93	91	88	86	33.8	82	85	81	83	77
	625	31/69	3600	40.8	99	97	97	96	90	89	44.4	89	91	87	89	81
	875	24/76	4600	51.8	100	99	101	100	90	89	55.4	91	93	93	95	83
	1000	22/78	5100	57.0	100	99	99	98	91	90	60.6	93	94	91	93	84
	1125	20/80	5600	57.0	100	99	99	99	—	—	60.6	93	95	93	94	—
375DN	275	58/42	2600	30.3	96	94	94	91	88	86	35.2	80	83	77	81	74
	375	50/50	3000	34.2	96	94	94	92	90	88	39.2	81	84	80	83	76
	625	38/62	4000	44.8	99	98	97	96	91	90	49.8	87	89	86	88	80
	875	30/70	5000	55.8	100	99	101	100	91	90	60.8	90	92	91	93	82
	1000	27/73	5500	61.0	101	99	99	98	92	90	65.9	91	93	90	92	83
	1125	25/75	6000	61.0	100	99	100	99	—	—	65.9	92	93	91	93	—
625DN	275	69/31	3600	40.6	98	95	96	93	92	89	47.8	80	83	78	82	75
	375	63/37	4000	44.6	97	95	96	93	92	90	51.8	81	84	80	83	77
	625	50/50	5000	55.1	100	97	98	96	93	91	62.3	85	88	84	87	80
	875	42/58	6000	66.2	100	98	101	99	93	91	73.3	88	90	89	91	82
	1000	38/62	6500	71.3	101	99	99	98	93	91	78.5	89	92	88	91	83
	1125	36/64	7000	71.3	101	99	100	98	—	—	78.5	90	92	89	92	—
875DN	275	76/24	4600	49.5	101	98	99	96	96	93	63.5	76	80	75	78	73
	375	70/30	5000	53.5	100	97	99	96	96	93	67.5	77	81	76	80	74
	625	58/42	6000	64.0	102	99	101	98	96	94	78.0	81	84	80	83	77
	875	50/50	7000	75.0	102	100	103	101	95	93	89.1	83	87	84	87	79
	1000	47/53	7500	80.2	102	100	101	99	95	93	94.2	85	88	84	87	80
	1125	44/56	8000	80.2	102	100	102	100	—	—	94.2	85	88	85	88	—
1000DN	275	78/22	5100	56.4	98	95	96	93	93	90	—	—	—	—	—	—
	375	73/27	5500	60.4	98	94	97	94	94	91	—	—	—	—	—	—
	625	62/38	6500	70.9	99	97	98	96	94	92	—	—	—	—	—	—
	875	53/47	7500	82.0	100	97	101	98	94	92	—	—	—	—	—	—
	1000	50/50	8000	87.1	100	98	99	97	94	92	—	—	—	—	—	—
	1125	47/53	8500	87.1	100	98	100	98	—	—	—	—	—	—	—	—
1125DN	275	80/20	5600	61.7	98	94	96	93	94	91	—	—	—	—	—	—
	375	75/25	6000	65.7	97	94	97	94	94	91	—	—	—	—	—	—
	625	64/36	7000	76.3	99	96	98	95	94	92	—	—	—	—	—	—
	875	56/44	8000	87.3	100	97	100	98	94	92	—	—	—	—	—	—
	1000	53/47	8500	92.4	100	98	99	97	94	92	—	—	—	—	—	—
	1125	50/50	9000	92.4	100	98	99	97	—	—	—	—	—	—	—	—

\*Based on 2700k, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Pop-Up Lens/Pop-down lens lumen output may vary +/- 5% † Worst case system wattage shown. Actual wattage will vary based on shielding selection.

**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

# Ordering Guide

## Linear Circuitry, Zones & Factory Options

### HOW TO USE THIS GUIDE

Fill out the worksheet on the following page to specify your requirements for circuitry, zones, and factory options.

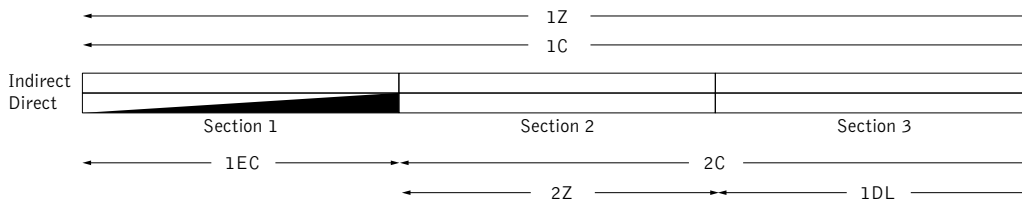
Refer to the run chart for standard run configurations, consult factory for custom configurations.

Complete the Totals / Ordering Codes at the bottom of the worksheet and add to your ordering logic on the cut sheet.

Submit the worksheet along with your order.

TOTAL RUN LENGTH: <u>24ft</u>		JOB NAME: _____				FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
						DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
1	8	Indirect	1C	1Z					
		Direct					1EC		
2	8	Indirect	1C	1Z					
		Direct	2C	2Z					
3	8	Indirect	1C	1Z					
		Direct	2C		1DL				
<b>Totals / Ordering Codes</b>			<b>2C</b>	<b>2Z</b>	<b>1DL</b>		<b>1EC</b>		

ORDERING: FSM4BS-FLFL-275DN-625UP-35K- **2C2Z1DL** -UNV-LD1-C24WH- **1EC** -WH-24ft



### KEY

#### C = Switching Circuit

Switched Hot / Shared Neutral

#### Z = Dimming Zone

Dimming Control Wires

#### DL = Daylight Zone

Daylight Dimming Control Wires

#### DC = Daylight Circuit

Switched Hot / Separate Neutral

#### EC = Emergency Circuit

Switched Hot / Separate Neutral

#### ECD = Emergency Control Device

Unswitched Hot / Separate Neutral

#### EM = Emergency Battery

Unswitched Hot / Shared Neutral

### DEFAULTS

- Zones and Factory Options illuminate entire sections from 4' to 8' in length.
- EC, EM, and ECD only available for direct distribution.
- One shared or isolated circuit and zone required per housing section.
- Additional electrical feed required for applications greater than three shared circuits and zones.
- Limit of one EM or ECD per housing section.
- Each EC, DC and ECD require an additional electrical feed.
- ECD not available in the same housing section as EC.
- Longer lead times and additional pricing may apply for custom run configurations.

### CUSTOM LENGTHS

- If partial illumination of emergency or daylight section is required, indicate in ordering guide and add "partial illumination" in Order Notes. Drawing required.
- Engineering validation required, longer lead times may apply.

# Ordering Guide Worksheet

Linear Circuitry, Zones & Factory Options

TOTAL RUN LENGTH: _____			JOB NAME: _____			FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
						DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	
1		Indirect							
		Direct							
2		Indirect							
		Direct							
3		Indirect							
		Direct							
4		Indirect							
		Direct							
5		Indirect							
		Direct							
6		Indirect							
		Direct							
7		Indirect							
		Direct							
8		Indirect							
		Direct							
9		Indirect							
		Direct							
10		Indirect							
		Direct							
11		Indirect							
		Direct							
12		Indirect							
		Direct							
<b>Totals / Ordering Codes</b>									

WORKSHEET

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

**RUN CHART**

Run Length (ft)	Housing Configuration Section Lengths	Ordering Code
9	5 + 4	9
	9	9(IND)
10	6 + 4	10
	5 + 5	10(5+5)
	10	10(IND)
11	7 + 4	11
	11	11(IND)
12	8 + 4	12
	6 + 6	12(6+6)
	12	12(IND)
13	8 + 5	13
14	8 + 6	14
15	8 + 7	15
16	8 + 8	16
17	8 + 5 + 4	17
18	8 + 6 + 4	18

Run Length (ft)	Housing Configuration Section Lengths	Ordering Code
19	8 + 7 + 4	19
20	8 + 8 + 4	20
21	8 + 8 + 5	21
22	8 + 8 + 6	22
23	8 + 8 + 7	23
24	8 + 8 + 8	24
25	8 + 8 + 5 + 4	25
26	8 + 8 + 6 + 4	26
27	8 + 8 + 7 + 4	27
28	8 + 8 + 8 + 4	28
29	8 + 8 + 8 + 5	29
30	8 + 8 + 8 + 6	30
31	8 + 8 + 8 + 7	31
32	8 + 8 + 8 + 8	32
33	8 + 8 + 8 + 5 + 4	33
34	8 + 8 + 8 + 6 + 4	34

Run Length (ft)	Housing Configuration Section Lengths	Ordering Code
35	8 + 8 + 8 + 7 + 4	35
36	8 + 8 + 8 + 8 + 4	36
37	8 + 8 + 8 + 8 + 5	37
38	8 + 8 + 8 + 8 + 6	38
39	8 + 8 + 8 + 8 + 7	39
40	8 + 8 + 8 + 8 + 8	40
41	8 + 8 + 8 + 8 + 5 + 4	41
42	8 + 8 + 8 + 8 + 6 + 4	42
43	8 + 8 + 8 + 8 + 7 + 4	43
44	8 + 8 + 8 + 8 + 8 + 4	44
45	8 + 8 + 8 + 8 + 8 + 5	45
46	8 + 8 + 8 + 8 + 8 + 6	46
47	8 + 8 + 8 + 8 + 8 + 7	47
48	8 + 8 + 8 + 8 + 8 + 8	48

Standard run configurations, consult factory for custom configurations.



# Finishes



## STANDARD FINISHES



WHITE WH BLACK BK TITANIUM SILVER TS

## THE NATURALS (25% SCALE)



LIGHT OAK LOK GRAY ELM GRE CHESTNUT CHT WALNUT WLT WOVEN LINEN WLN