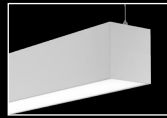


# Seem® 4

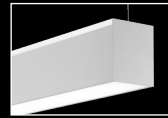
LED DIRECT/INDIRECT



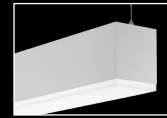
FOCAL POINT®



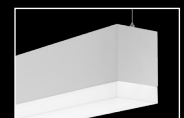
flush lens  
top & bottom



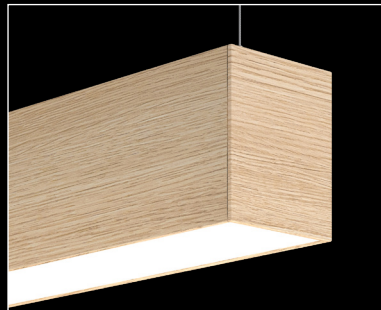
0.5" pop-up lens /  
flush lens bottom



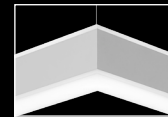
Batwing / 0.5"  
pop-down lens



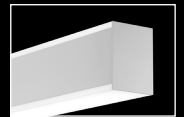
Batwing / 1.5"  
pop-down lens



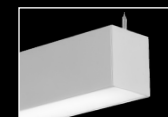
The Naturals collection - Light Oak shown



single point corner  
suspension



wall mount  
companion

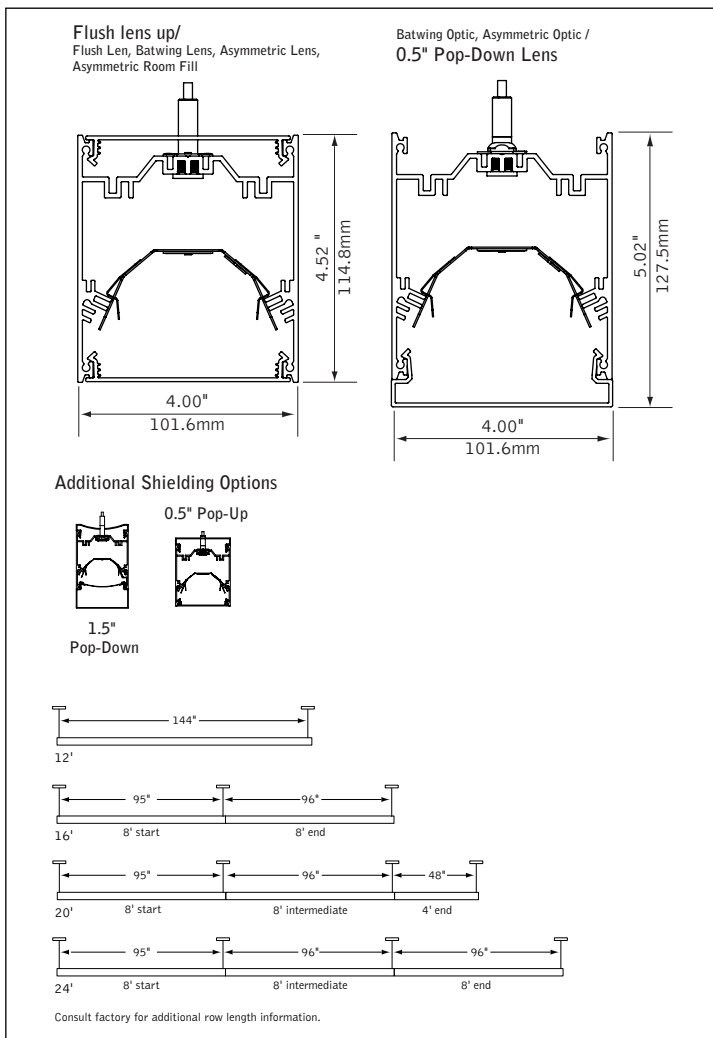


linear direct only  
companion



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.

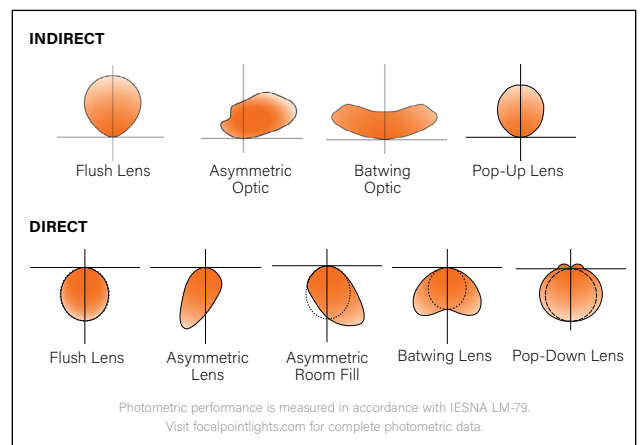
Choice of output levels and light distributions to meet a wide variety of application needs.

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

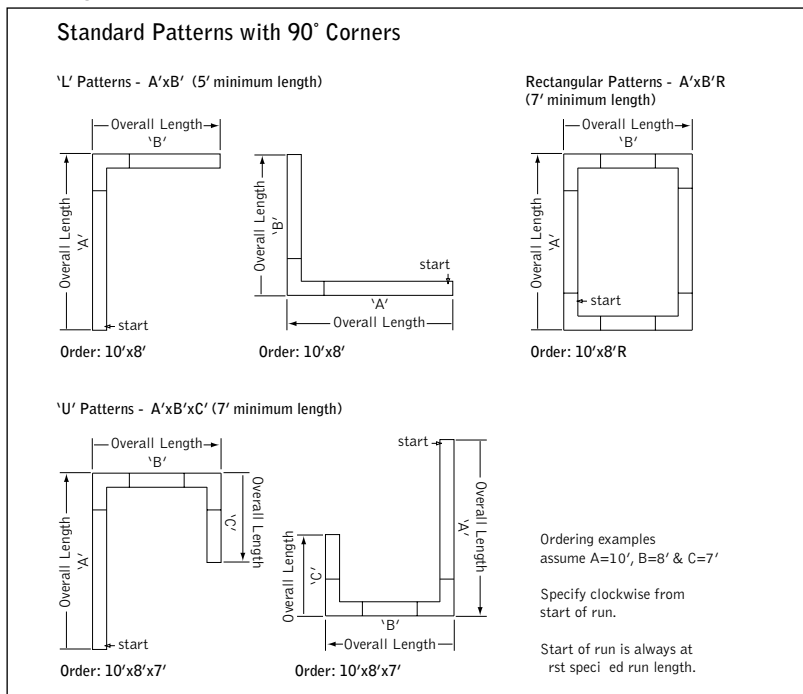
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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

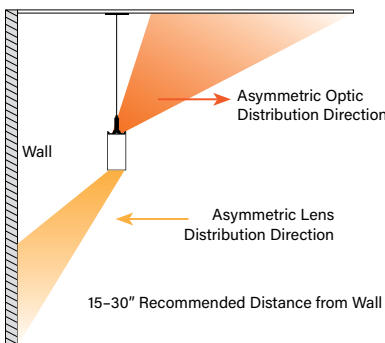
## DISTRIBUTIONS



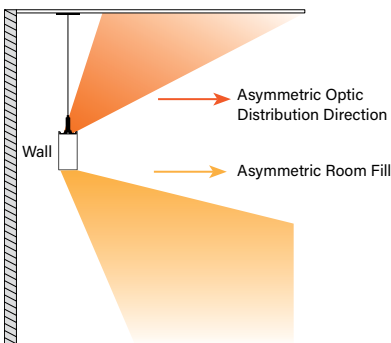
**DETAILS**



**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 (Asymmetric Optic not available.) BW
- Flush Lens Bottom FL
- 0.5" Pop-Down Bottom PD05
- 1.5" Pop-Down Bottom PD15

**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 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 (No driver. Not available with EM or EC. LV Voltage only.) LVN
- 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† \_EM
- Emergency Control Device† \_ECD

†(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**

(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**

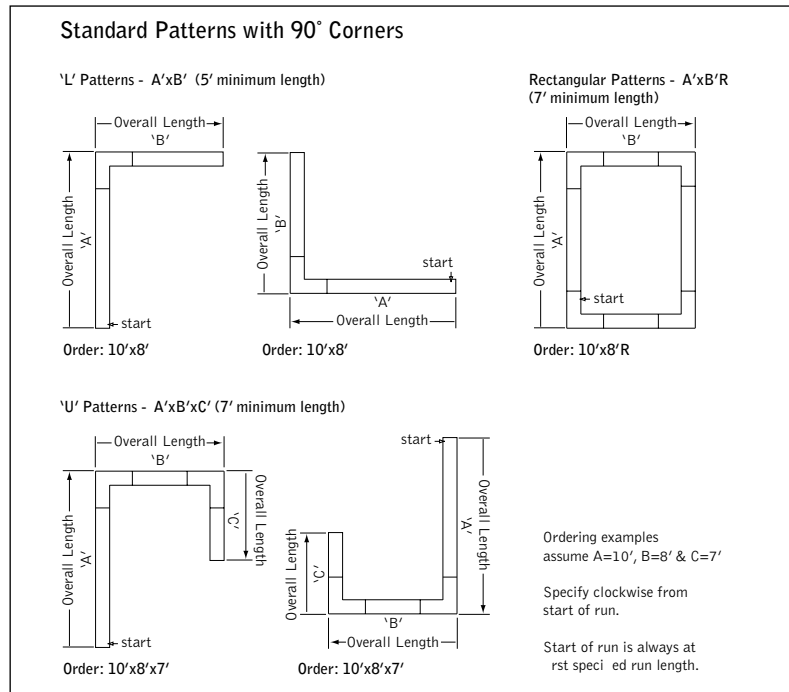
- 'L' pattern (5' minimum length) A' x B'
  - 'U' pattern (7' minimum length) A' x B' x C'
  - Rectangular pattern (7' minimum length) A' x B'R
- (Consult factory for other pattern options)

**QS 10 DAY\*** Options in orange qualify for the Quickship program. Run lengths in 1' increments, 1000' total. Refer to Quickship Guide for complete details.

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 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  
 Flush Lens  
 0.5" Pop-Up Lens

BW  
 FL  
 PU

Direct/Bottom Shielding Options

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

BW  
 FL  
 PD05  
 PD15

**Direct Distribution**

(875 Lumens per foot maximum for xxPD05 & xxPD15)

275 Lumens per foot

275DN

(4' min with the following shielding options  
 BWBW, BWFL, FLBW, FLFL, PUBW, PUFL)

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.)

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**

DALI - 1% Dimming

D1TW

(Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time applies.)

**Mounting**

24" Cable Suspension

C24

48" Cable Suspension

C48

96" Cable Suspension

C96

(Specify canopy color, see finishes page for options.)

Example: White = C24(WH.)

(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>(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	137	136	132	138	137	135	133	21.2	118	113	119	114
	375	42/58	2600	20.8	144	143	139	145	144	142	140	23.8	126	121	127	122
	625	31/69	3600	27.9	146	146	143	148	148	146	145	30.9	132	128	134	130
	875	24/76	4600	36.0	147	146	144	149	149	148	146	39.0	136	133	138	134
	1000	22/78	5100	40.0	147	146	144	149	149	148	147	43.0	137	134	139	136
	1125	20/80	5600	44.0	146	146	144	149	149	148	147	47.0	137	134	139	137
	1250	18/82	6100	46.9	135	135	133	135	135	134	134	49.9	128	126	142	126
375DN	275	58/42	2600	21.2	141	140	135	142	141	139	136	25.4	117	111	117	112
	375	50/50	3000	23.8	147	146	141	147	146	144	142	28.0	123	118	124	118
	625	38/62	4000	30.9	148	147	144	150	149	148	146	35.1	130	125	131	126
	875	30/70	5000	39.0	146	148	145	151	150	149	147	43.2	133	129	135	131
	1000	27/73	5500	43.0	148	148	145	151	150	149	147	47.1	134	131	136	133
	1125	25/75	6000	47.0	148	147	145	150	150	149	147	51.2	135	131	137	134
	1250	23/77	6500	49.9	137	136	134	137	137	136	135	54.1	126	124	139	124
625DN	275	69/31	3600	30.1	139	138	132	140	138	136	133	38.5	111	104	111	105
	375	63/37	4000	32.6	144	142	137	144	143	140	137	41.1	116	109	116	110
	625	50/50	5000	39.8	145	144	140	147	146	143	141	48.2	122	116	123	117
	875	42/58	6000	47.8	146	145	141	148	147	145	143	56.3	126	120	127	122
	1000	38/62	6500	51.8	146	145	141	148	147	145	143	60.2	127	122	128	124
	1125	36/64	7000	55.9	146	145	141	148	147	145	143	64.3	128	123	129	125
	1250	33/67	7500	58.8	136	136	133	137	136	135	133	67.2	122	118	132	118
875DN	275	76/24	4600	39.1	138	136	130	138	136	133	130	49.3	106	133	107	100
	375	70/30	5000	41.7	141	139	133	141	140	137	134	51.9	110	137	111	104
	625	58/42	6000	48.8	143	142	136	144	143	140	137	59.0	116	139	117	110
	875	50/50	7000	56.9	144	143	138	145	144	142	139	67.1	120	141	121	115
	1000	47/53	7500	60.8	144	143	138	145	144	142	140	71.0	121	141	122	117
	1125	44/56	8000	64.9	144	143	139	145	144	142	140	75.1	122	141	123	118
	1250	41/59	8500	67.8	136	135	132	136	135	134	132	78.0	123	141	124	119
1000DN	275	78/22	5100	43.7	136	135	128	137	135	132	129	—	—	—	—	—
	375	73/27	5500	46.2	138	138	132	140	138	135	132	—	—	—	—	—
	625	62/38	6500	53.4	140	140	134	142	141	139	135	—	—	—	—	—
	875	53/47	7500	61.4	141	141	136	144	143	140	138	—	—	—	—	—
	1000	50/50	8000	65.4	141	142	137	144	143	141	138	—	—	—	—	—
	1125	47/53	8500	69.5	141	142	137	144	143	141	139	—	—	—	—	—
	1250	44/56	9000	72.4	135	134	131	135	135	133	131	—	—	—	—	—
1125DN	275	80/20	5600	48.3	135	134	127	135	134	131	127	—	—	—	—	—
	375	75/25	6000	50.9	138	136	130	138	137	134	130	—	—	—	—	—
	625	64/36	7000	58.0	140	138	133	141	139	137	133	—	—	—	—	—
	875	56/44	8000	66.0	141	140	135	142	141	139	136	—	—	—	—	—
	1000	53/47	8500	70.0	141	140	135	143	142	139	136	—	—	—	—	—
	1125	50/50	9000	74.1	141	140	135	143	142	140	137	—	—	—	—	—
	1250	47/53	9500	77.0	135	134	130	135	134	132	130	—	—	—	—	—
1250DN	275	82/18	6100	52.1	122	122	119	122	122	122	119	—	—	—	—	—
	375	77/23	6500	54.7	125	125	121	125	125	125	122	—	—	—	—	—
	625	67/33	7500	61.8	128	128	125	129	129	129	126	—	—	—	—	—
	875	59/41	8500	69.9	130	130	127	131	131	131	128	—	—	—	—	—
	1000	56/44	9000	73.8	131	131	128	132	132	132	129	—	—	—	—	—
	1125	53/47	9500	77.9	131	132	129	133	133	133	130	—	—	—	—	—
	1250	50/50	10000	80.8	126	126	124	127	127	127	124	—	—	—	—	—

\*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	132	131	130	128	123	123	121	119	20.6	115	110	108
	375	42/58	2600	20.7	138	137	135	133	124	124	122	121	23.7	121	117	111
	625	31/69	3600	27.9	138	138	136	135	122	121	120	119	30.9	126	122	112
	875	24/76	4600	36.0	138	137	136	135	120	119	119	118	39.0	128	125	112
	1000	22/78	5100	40.0	137	137	136	135	119	118	118	117	43.0	128	126	112
	1125	20/80	5600	44.0	136	136	135	134	—	—	—	—	47.0	128	126	—
375DN	275	58/42	2600	20.6	137	136	134	131	129	128	126	124	24.8	114	108	108
	375	50/50	3000	23.7	141	140	138	136	129	128	126	124	27.8	119	114	110
	625	38/62	4000	30.9	141	140	139	137	125	125	124	122	35.1	124	120	112
	875	30/70	5000	39.0	140	139	138	137	123	122	121	120	43.2	126	123	112
	1000	27/73	5500	43.0	139	139	138	136	121	121	120	119	47.1	127	124	112
	1125	25/75	6000	47.0	138	138	137	135	—	—	—	—	51.2	127	124	—
625DN	275	69/31	3600	29.4	136	135	132	129	130	129	127	124	37.9	109	102	105
	375	63/37	4000	32.5	139	138	136	133	130	129	127	124	41.0	113	107	107
	625	50/50	5000	39.8	139	138	136	134	127	126	125	123	48.2	118	112	109
	875	42/58	6000	47.8	139	138	136	135	124	124	122	121	56.3	120	116	109
	1000	38/62	6500	51.8	138	138	136	134	123	123	121	120	60.2	121	117	109
	1125	36/64	7000	55.8	138	137	135	134	—	—	—	—	64.3	122	117	—
875DN	275	76/24	4600	38.5	135	134	131	128	130	129	126	123	48.7	105	98	102
	375	70/30	5000	41.5	138	136	133	130	130	129	127	124	51.7	108	102	104
	625	58/42	6000	48.8	138	137	134	132	128	127	125	122	59.0	113	107	106
	875	50/50	7000	56.9	138	137	135	133	125	125	123	121	67.1	116	110	107
	1000	47/53	7500	60.8	137	137	135	133	124	123	122	120	71.0	117	111	107
	1125	44/56	8000	64.9	137	136	134	132	—	—	—	—	75.1	117	112	—
1000DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—
1125DN	275	80/20	5600	47.7	133	132	129	125	129	128	125	122	—	—	—	—
	375	75/25	6000	50.7	135	134	131	127	129	128	125	122	—	—	—	—
	625	64/36	7000	58.0	136	135	132	129	127	126	124	121	—	—	—	—
	875	56/44	8000	66.0	136	135	133	130	125	124	122	120	—	—	—	—
	1000	53/47	8500	70.0	136	135	133	130	124	123	122	119	—	—	—	—
	1125	50/50	9000	74.1	135	134	132	130	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—

\*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)				
																
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.

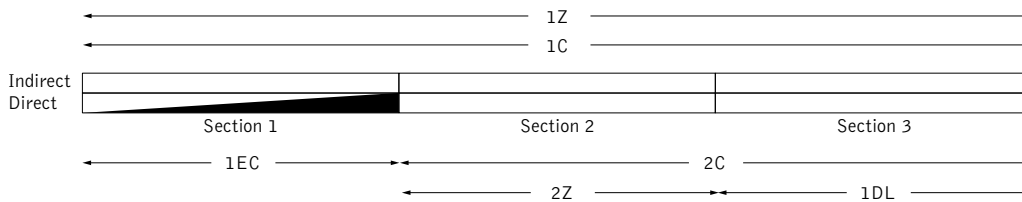
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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