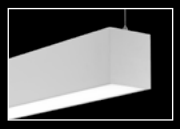
Seem® 4

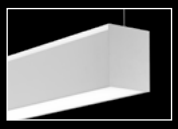
LED DIRECT/INDIRECT

FOCAL POINT®





flush lens
top & bottom



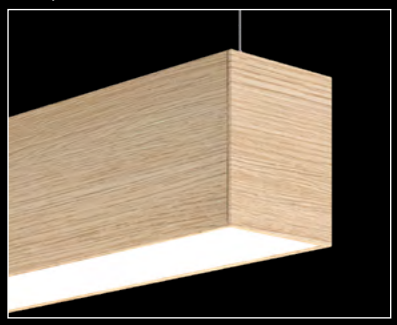
0.5" pop-up lens /
flush lens bottom



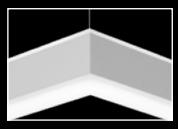
Batwing / 0.5"
pop-down lens



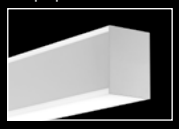
Batwing / 1.5"
pop-down lens



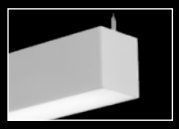
The Naturals collection - Light Oak shown



single point corner
suspension



wall mount
companion

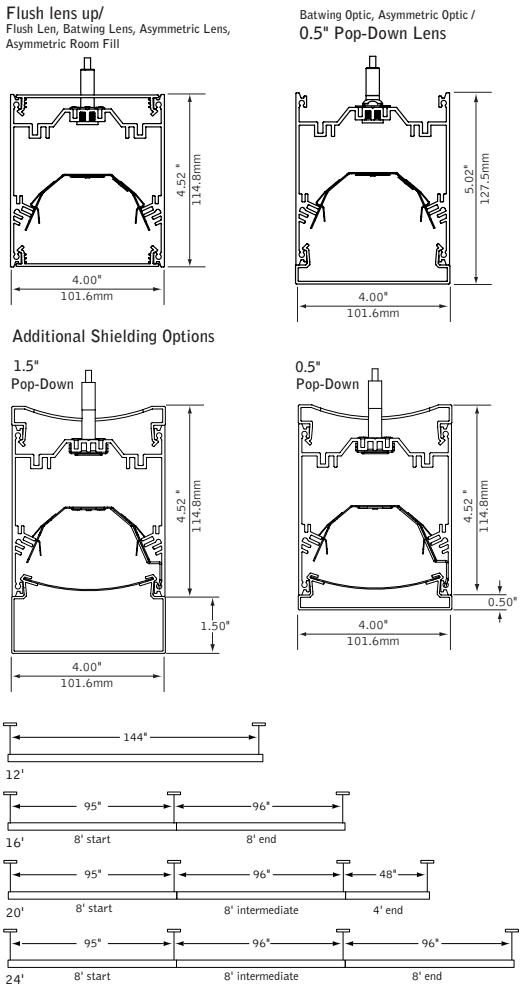


linear direct only
companion



wall to ceiling
corner companion

DIMENSIONAL DATA



Consult factory for additional row length information.

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.

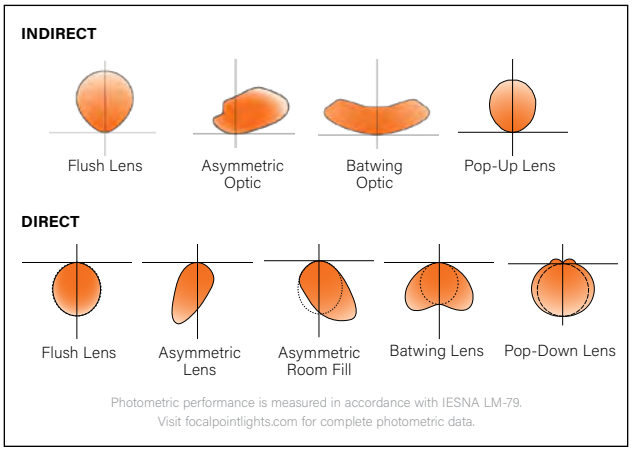
Choice of output levels and light distributions to meet a wide variety of application needs.

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



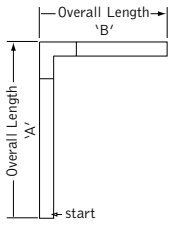
Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

fixture: project:

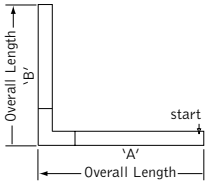
DETAILS

Standard Patterns with 90° Corners

'L' Patterns - A'xB' (5' minimum length)

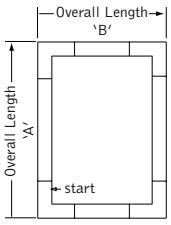


Order: 10'x8'



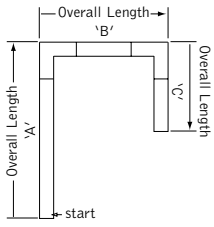
Order: 10'x8'

Rectangular Patterns - A'xB'R (7' minimum length)

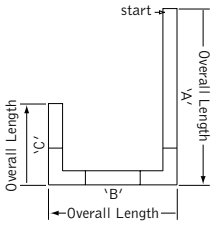


Order: 10'x8'R

'U' Patterns - A'xB'xC' (7' minimum length)



Order: 10'x8'x7'



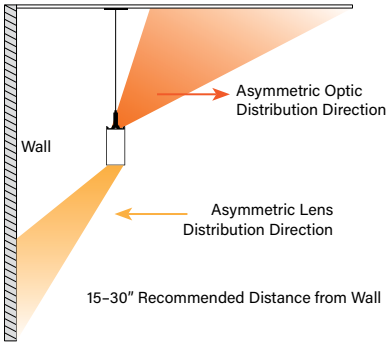
Order: 10'x8'x7'

Ordering examples assume A=10', B=8' & C=7'

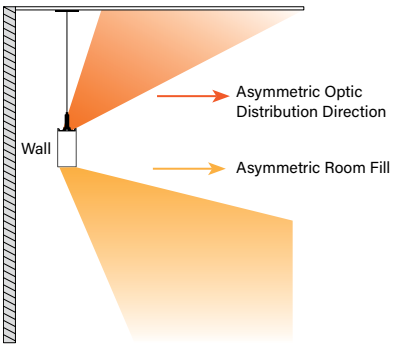
Specify clockwise from start of run.

Start of run is always at rst speci ed run length.

DIRECT/INDIRECT ASYMMETRIC
Standard Application Example



DIRECT/INDIRECT ASYMMETRIC ROOM FILL
Standard Application Example



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.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

STANDARD WHITE

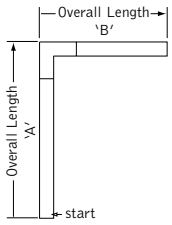
		FSM4BS
Luminaire Series		
Seem 4 Direct/Indirect LED	FSM4BS	
Shielding (Combine Indirect and Direct options to create a single code.)		
Indirect/Top Shielding Options: Asymmetric Optic	AS	
Indirect/Top Shielding Options: Batwing Optic	BW	
Indirect/Top Shielding Options: Flush Lens	FL	
Indirect/Top Shielding Options: 0.5" Pop-Up Lens	PU	
Direct/Bottom Shielding Options: Asymmetric Lens	AS	
Direct/Bottom Shielding Options: Asymmetric Room Fill	AF	
Direct/Bottom Shielding Options: Batwing Lens Bottom (Asymmetric Optic not available.)	BW	
Direct/Bottom Shielding Options: Flush Lens Bottom	FL	
Direct/Bottom Shielding Options: 0.5" Pop-Down Bottom	PD05	
Direct/Bottom Shielding Options: 1.5" Pop-Down Bottom (3' - 12' individual lengths only. Not available with Pop-Up lens.)	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.)	X'	
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) (Consult factory for other pattern options)	A' x B'R	

fixture: project:

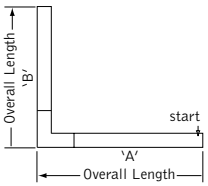
DETAILS

Standard Patterns with 90˚ Corners

'L' Patterns - A'xB' (5' minimum length)

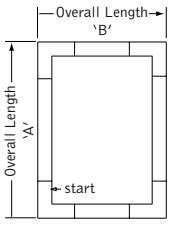


Order: 10'x8'



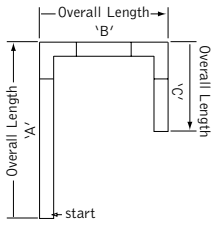
Order: 10'x8'

Rectangular Patterns - A'xB'R (7' minimum length)

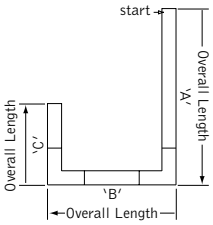


Order: 10'x8'R

'U' Patterns - A'xB'xC' (7' minimum length)



Order: 10'x8'x7'



Order: 10'x8'x7'

Ordering examples assume A=10', B=8' & C=7'

Specify clockwise from start of run.

Start of run is always at rst speci ed run length.

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.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

TUNABLE WHITE

		FSM4BS
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: Asymmetric Lens	AS	
Asymmetric Room Fill	AF	
Batwing Lens Bottom	BW	
Flush Lens Bottom	FL	
0.5" Pop-Down Bottom	PD05	
1.5" Pop-Down Bottom (3' - 8' individual lengths only. Not available with Pop-Up lens.)	PD15	
Direct Distribution (875 Lumens per foot maximum for xxPD05 & xxPD15)		
275 Lumens per foot (4' min with the following shielding options BWBW, BWFL, FLBW, FLFL, PUBW, PUFL.)	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	
Indirect Distribution (1000 Lumens per foot maximum for PUxx.)		
275 Lumens per foot (4' min with D1TW & Batwing Indirect Optic.)	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	
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		UNV
120/277 UNV Volt	UNV	
Control System & Dimming Level		D1TW
DALI - 1% Dimming (Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time applies.)	D1TW	
Mounting		
24" Cable Suspension	C24__	
48" Cable Suspension	C48__	
96" Cable Suspension (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.)	C96__	
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	
†(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 (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.)	X'	
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' PERFORMANCE CHART - ASYMMETRIC OPTIC, BATWING OPTIC

Direct Distribution	Indirect Distribution	Distribution % (Direct)	Distribution % (Direct/Indirect)	Total Delivered Lumens	ASAS		ASAF		ASFL		BWAS		BWAF		BWBW		BWFL		ASPDO5		ASPD15		BWPDO5		BWPD15	
					Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW
	275	50%	50/50	2200	16.0	137	16.1	136	16.6	132	15.9	138	16.1	137	16.3	135	16.6	133	18.6	118	19.4	113	18.5	119	19.4	114
	375	42%	42/58	2600	18.1	144	18.2	143	18.7	139	18.0	145	18.1	144	18.3	142	18.6	140	20.6	126	21.5	121	20.6	127	21.4	122
	625	31%	31/69	3600	24.6	146	24.7	146	25.2	143	24.3	148	24.4	148	24.6	146	24.9	145	27.2	132	28.0	128	26.8	134	27.7	130
275DN	875	24%	24/76	4600	31.3	147	31.4	146	31.9	144	30.8	149	30.9	149	31.1	148	31.4	146	33.9	136	34.7	133	33.4	138	34.2	134
	1000	22%	22/78	5100	34.7	147	34.9	146	35.4	144	34.1	149	34.2	149	34.5	148	34.7	147	37.3	137	38.2	134	36.7	139	37.5	136
	1125	20%	20/80	5600	38.3	146	38.4	146	38.9	144	37.6	149	37.7	149	37.9	148	38.2	147	40.9	137	41.7	134	40.2	139	41.0	137
	1250	18%	18/82	6100	41.9	146	42.0	145	42.5	144	41.2	148	41.3	148	41.5	147	41.8	146	44.5	137	45.3	135	43.7	139	44.6	137
	275	58%	58/42	2600	18.4	141	18.5	140	19.2	135	18.3	142	18.5	141	18.8	139	19.1	136	22.2	117	23.4	111	22.2	117	23.3	112
	375	50%	50/50	3000	20.4	147	20.6	146	21.3	141	20.4	147	20.5	146	20.8	144	21.2	142	24.3	123	25.4	118	24.2	124	25.3	118
	625	38%	38/62	4000	27.0	148	27.1	147	27.8	144	26.6	150	26.8	149	27.1	148	27.5	146	30.9	130	32.0	125	30.5	131	31.6	126
375DN	875	30%	30/70	5000	33.7	148	33.8	148	34.5	145	33.2	151	33.3	150	33.6	149	34.0	147	37.5	133	38.7	129	37.0	135	38.2	131
	1000	27%	27/73	5500	37.1	148	37.3	148	37.9	145	36.5	151	36.6	150	36.9	149	37.3	147	41.0	134	42.1	131	40.4	136	41.5	133
	1125	25%	25/75	6000	40.7	148	40.8	147	41.5	145	40.0	150	40.1	150	40.4	149	40.8	147	44.5	135	45.6	131	43.8	137	44.9	134
	1250	23%	23/77	6500	44.3	147	44.4	146	45.1	144	43.5	149	43.7	149	44.0	148	44.3	147	48.1	135	49.2	132	47.4	137	48.5	134
	275	69%	69/31	3600	25.8	139	26.1	138	27.2	132	25.7	140	26.0	138	26.5	136	27.2	133	32.5	111	34.5	104	32.4	111	34.4	105
	375	63%	63/37	4000	27.9	144	28.1	142	29.3	137	27.8	144	28.0	143	28.6	140	29.2	137	34.6	116	36.6	109	34.5	116	36.5	110
	625	50%	50/50	5000	34.4	145	34.7	144	35.8	140	34.1	147	34.3	146	34.8	143	35.5	141	41.1	122	43.1	116	40.8	123	42.8	117
625DN	875	42%	42/58	6000	41.1	146	41.3	145	42.5	141	40.6	148	40.9	147	41.4	145	42.0	143	47.8	126	49.8	120	47.3	127	49.3	122
	1000	38%	38/62	6500	44.5	146	44.8	145	45.9	141	43.9	148	44.2	147	44.7	145	45.3	143	51.2	127	53.2	122	50.6	128	52.6	124
	1125	36%	36/64	7000	48.1	146	48.3	145	49.5	141	47.4	148	47.6	147	48.2	145	48.8	143	54.8	128	56.8	123	54.1	129	56.1	125
	1250	33%	33/67	7500	51.7	145	51.9	144	53.1	141	51.0	147	51.2	146	51.7	145	52.4	143	58.4	128	60.4	124	57.6	130	59.7	126
	275	76%	76/24	4600	33.4	138	33.8	136	35.4	130	33.4	138	33.7	136	34.5	133	35.4	130	43.2	106	46.1	100	43.2	107	46.1	100
	375	70%	70/30	5000	35.5	141	35.9	139	37.5	133	35.4	141	35.8	140	36.6	137	37.4	134	45.3	110	48.2	104	45.2	111	48.1	104
	625	58%	58/42	6000	42.0	143	42.4	142	44.1	136	41.7	144	42.0	143	42.8	140	43.7	137	51.8	116	54.7	110	51.5	117	54.4	110
875DN	875	50%	50/50	7000	48.7	144	49.1	143	50.7	138	48.2	145	48.6	144	49.4	142	50.2	139	58.5	120	61.4	114	58.0	121	60.9	115
	1000	47%	47/53	7500	52.2	144	52.5	143	54.2	138	51.6	145	51.9	144	52.7	142	53.6	140	61.9	121	64.9	116	61.3	122	64.3	117
	1125	44%	44/56	8000	55.7	144	56.1	143	57.7	139	55.0	145	55.4	144	56.2	142	57.0	140	65.5	122	68.4	117	64.8	123	67.7	118
	1250	41%	41/59	8500	59.3	143	59.7	142	61.3	139	58.6	145	58.9	144	59.7	142	60.6	140	69.1	123	72.0	118	68.4	124	71.3	119
	275	78%	78/22	5100	37.4	136	37.8	135	39.7	128	37.3	137	37.7	135	38.6	132	39.7	129	—	—	—	—	—	—	—	—
	375	73%	73/27	5500	39.4	139	39.8	138	41.8	132	39.3	140	39.7	138	40.6	135	41.7	132	—	—	—	—	—	—	—	—
	625	62%	62/38	6500	46.0	141	46.4	140	48.4	134	45.6	142	46.0	141	46.9	139	48.0	135	—	—	—	—	—	—	—	—
1000DN	875	53%	53/47	7500	52.7	142	53.1	141	55.0	136	52.2	144	52.6	143	53.4	140	54.5	138	—	—	—	—	—	—	—	—
	1000	50%	50/50	8000	56.1	143	56.5	142	58.5	137	55.5	144	55.9	143	56.8	141	57.9	138	—	—	—	—	—	—	—	—
	1125	47%	47/53	8500	59.6	143	60.1	142	62.0	137	58.9	144	59.3	143	60.2	141	61.3	139	—	—	—	—	—	—	—	—
	1250	44%	44/56	9000	63.3	142	63.7	141	65.6	137	62.5	144	62.9	143	63.8	141	64.9	139	—	—	—	—	—	—	—	—
	275	80%	80/20	5600	41.5	135	41.9	134	44.2	127	41.4	135	41.9	134	42.9	131	44.1	127	—	—	—	—	—	—	—	—
	375	75%	75/25	6000	43.5	138	44.0	136	46.3	130	43.4	138	43.9	137	44.9	134	46.2	130	—	—	—	—	—	—	—	—
	625	64%	64/36	7000	50.1	140	50.5	138	52.8	133	49.7	141	50.2	139	51.2	137	52.4	133	—	—	—	—	—	—	—	—
1125DN	875	56%	56/44	8000	56.8	141	57.2	140	59.5	135	56.3	142	56.7	141	57.7	139	59.0	136	—	—	—	—	—	—	—	—
	1000	53%	53/47	8500	60.2	141	60.7	140	62.9	135	59.6	143	60.1	142	61.1	139	62.3	136	—	—	—	—	—	—	—	—
	1125	50%	50/50	9000	63.7	141	64.2	140	66.5	135	63.0	143	63.5	142	64.5	140	65.8	137	—	—	—	—	—	—	—	—
	1250	47%	47/53	9500	67.4	141	67.8	140	70.1	136	66.6	143	67.1	142	68.1	140	69.3	137	—	—	—	—	—	—	—	—
	275	82%	82/18	6100	45.6	134	46.2	132	48.7	125	45.5	134	46.1	132	47.3	129	48.7	125	—	—	—	—	—	—	—	—
	375	77%	77/23	6500	47.7	136	48.2	135	50.8	128	47.6	137	48.2	135	49.3	132	50.7	128	—	—	—	—	—	—	—	—
	625	67%	67/33	7500	54.2	138	54.8	137	57.3	131	53.9	139	54.4	138	55.6	135	57.0	132	—	—	—	—	—	—	—	—
1250DN	875	59%	59/41	8500	60.9	140	61.5	138	64.0	133	60.4	141	61.0	139	62.1	137	63.5	134	—	—	—	—	—	—	—	—
	1000	56%	56/44	9000	64.3	140	64.9	139	67.5	133	63.7	141	64.3	140	65.4	138	66.9	135	—	—	—	—	—	—	—	—
	1125	53%	53/47	9500	67.9	140	68.5	139	71.0	134	67.2	141	67.8	140	68.9	138	70.3	135	—	—	—	—	—	—	—	—
	1250	50%	50/50	10000	71.5	140	72.1	139	74.6	134	70.7	141	71.3	140	72.5	138	73.9	135	—	—	—	—	—	—	—	—

*Based on 3500K, 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.

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

Direct Distribution	Indirect Distribution	Distribution % (Direct)	Distribution % (Direct/Indirect)	Total Delivered Lumens	FLAS		FLAF		FLBW		FLFL		PUAS		PUAF		PUBW		PUFL		FLPD05		FLPD15		PUPD05	
					Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW
	275	50%	50/50	2200	16.6	132	16.7	131	17.0	130	17.2	128	17.8	123	17.9	123	18.2	121	18.4	119	19.2	115	20.0	110	20.4	108
	375	42%	42/58	2600	18.9	138	19.0	137	19.2	135	19.5	133	20.9	124	21.0	124	21.3	122	21.5	121	21.5	121	22.3	117	23.5	111
	625	31%	31/69	3600	26.0	138	26.2	138	26.4	136	26.7	135	29.5	122	29.7	121	29.9	120	30.2	119	28.6	126	29.5	122	32.1	112
275DN	875	24%	24/76	4600	33.4	138	33.5	137	33.7	136	34.0	135	38.4	120	38.5	119	38.8	119	39.0	118	36.0	128	36.8	125	41.0	112
	1000	22%	22/78	5100	37.2	137	37.3	137	37.5	136	37.8	135	43.0	119	43.1	118	43.3	118	43.6	117	39.7	128	40.6	126	45.6	112
	1125	20%	20/80	5600	41.1	136	41.2	136	41.4	135	41.7	134	—	—	—	—	—	—	—	—	43.7	128	44.5	126	—	—
	1250	18%	18/82	6100	45.0	136	45.2	135	45.3	135	45.6	134	—	—	—	—	—	—	—	—	47.6	128	48.4	126	—	—
	275	58%	58/42	2600	19.0	137	19.2	136	19.4	134	19.8	131	20.2	129	20.4	128	20.6	126	21.0	124	22.9	114	24.0	108	24.1	108
	375	50%	50/50	3000	21.3	141	21.4	140	21.7	138	22.1	136	23.3	129	23.5	128	23.7	126	24.1	124	25.1	119	26.3	114	27.2	110
	625	38%	38/62	4000	28.4	141	28.6	140	28.9	139	29.2	137	31.9	125	32.1	125	32.4	124	32.7	122	32.3	124	33.4	120	35.8	112
375DN	875	30%	30/70	5000	35.8	140	35.9	139	36.2	138	36.6	137	40.8	123	41.0	122	41.2	121	41.6	120	39.6	126	40.7	123	44.7	112
	1000	27%	27/73	5500	39.5	139	39.7	139	40.0	138	40.3	136	45.4	121	45.5	121	45.8	120	46.2	119	43.4	127	44.5	124	49.2	112
	1125	25%	25/75	6000	43.5	138	43.6	138	43.9	137	44.3	135	—	—	—	—	—	—	—	—	47.3	127	48.5	124	—	—
	1250	23%	23/77	6500	47.4	137	47.5	137	47.8	136	48.2	135	—	—	—	—	—	—	—	—	51.2	127	52.3	124	—	—
	275	69%	69/31	3600	26.4	136	26.7	135	27.2	132	27.8	129	27.6	130	27.9	129	28.4	127	29.0	124	33.1	109	35.1	102	34.3	105
	375	63%	63/37	4000	28.7	139	28.9	138	29.5	136	30.1	133	30.7	130	31.0	129	31.5	127	32.1	124	35.4	113	37.4	107	37.4	107
	625	50%	50/50	5000	35.9	139	36.1	138	36.6	136	37.3	134	39.3	127	39.6	126	40.1	125	40.8	123	42.5	118	44.6	112	46.0	109
625DN	875	42%	42/58	6000	43.2	139	43.4	138	44.0	136	44.6	135	48.2	124	48.5	124	49.0	122	49.6	121	49.9	120	51.9	116	54.9	109
	1000	38%	38/62	6500	47.0	138	47.2	138	47.7	136	48.4	134	52.8	123	53.1	123	53.6	121	54.2	120	53.6	121	55.7	117	59.5	109
	1125	36%	36/64	7000	50.9	138	51.1	137	51.7	135	52.3	134	—	—	—	—	—	—	—	—	57.6	122	59.6	117	—	—
	1250	33%	33/67	7500	54.8	137	55.0	136	55.6	135	56.2	133	—	—	—	—	—	—	—	—	61.5	122	63.5	118	—	—
	275	76%	76/24	4600	34.1	135	34.4	134	35.2	131	36.1	128	35.3	130	35.6	129	36.4	126	37.3	123	43.8	105	46.8	98	45.0	102
	375	70%	70/30	5000	36.3	138	36.7	136	37.5	133	38.3	130	38.4	130	38.7	129	39.5	127	40.4	124	46.1	108	49.0	102	48.1	104
	625	58%	58/42	6000	43.5	138	43.8	137	44.6	134	45.5	132	47.0	128	47.3	127	48.1	125	49.0	122	53.3	113	56.2	107	56.8	106
875DN	875	50%	50/50	7000	50.8	138	51.2	137	52.0	135	52.8	133	55.9	125	56.2	125	57.0	123	57.9	121	60.6	116	63.5	110	65.6	107
	1000	47%	47/53	7500	54.6	137	54.9	137	55.7	135	56.6	133	60.4	124	60.8	123	61.6	122	62.4	120	64.4	117	67.3	111	70.2	107
	1125	44%	44/56	8000	58.5	137	58.9	136	59.7	134	60.5	132	—	—	—	—	—	—	—	—	68.3	117	71.2	112	—	—
	1250	41%	41/59	8500	62.4	136	62.8	135	63.6	134	64.4	132	—	—	—	—	—	—	—	—	72.2	118	75.1	113	—	—
	275	78%	78/22	5100	38.0	134	38.4	133	39.3	130	40.4	126	39.2	130	39.6	129	40.5	126	41.6	123	—	—	—	—	—	—
	375	73%	73/27	5500	40.3	137	40.7	135	41.5	132	42.6	129	42.3	130	42.7	129	43.6	126	44.7	123	—	—	—	—	—	—
	625	62%	62/38	6500	47.4	137	47.8	136	48.7	133	49.8	131	50.9	128	51.3	127	52.2	125	53.3	122	—	—	—	—	—	—
1000DN	875	53%	53/47	7500	54.7	137	55.1	136	56.0	134	57.1	131	59.8	125	60.2	125	61.1	123	62.2	121	—	—	—	—	—	—
	1000	50%	50/50	8000	58.5	137	58.9	136	59.8	134	60.9	131	64.4	124	64.8	124	65.7	122	66.7	120	—	—	—	—	—	—
	1125	47%	47/53	8500	62.5	136	62.9	135	63.7	133	64.8	131	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1250	44%	44/56	9000	66.3	136	66.7	135	67.6	133	68.7	131	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	275	80%	80/20	5600	42.1	133	42.6	132	43.6	129	44.8	125	43.3	129	43.8	128	44.8	125	46.0	122	—	—	—	—	—	—
	375	75%	75/25	6000	44.4	135	44.8	134	45.8	131	47.1	127	46.4	129	46.9	128	47.9	125	49.1	122	—	—	—	—	—	—
	625	64%	64/36	7000	51.5	136	52.0	135	53.0	132	54.2	129	55.0	127	55.5	126	56.5	124	57.7	121	—	—	—	—	—	—
1125DN	875	56%	56/44	8000	58.8	136	59.3	135	60.3	133	61.6	130	63.9	125	64.4	124	65.4	122	66.6	120	—	—	—	—	—	—
	1000	53%	53/47	8500	62.6	136	63.1	135	64.1	133	65.3	130	68.5	124	68.9	123	69.9	122	71.2	119	—	—	—	—	—	—
	1125	50%	50/50	9000	66.6	135	67.0	134	68.0	132	69.3	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1250	47%	47/53	9500	70.4	135	70.9	134	71.9	132	73.2	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	275	82%	82/18	6100	46.2	132	46.8	130	47.9	127	49.4	124	47.4	129	48.0	127	49.1	124	50.6	121	—	—	—	—	—	—
	375	77%	77/23	6500	48.5	134	49.1	132	50.2	129	51.6	126	50.5	129	51.1	127	52.2	124	53.7	121	—	—	—	—	—	—
	625	67%	67/33	7500	55.6	135	56.2	133	57.4	131	58.8	128	59.1	127	59.7	126	60.9	123	62.3	120	—	—	—	—	—	—
1250DN	875	59%	59/41	8500	63.0	135	63.6	134	64.7	131	66.1	129	68.0	125	68.6	124	69.7	122	71.2	119	—	—	—	—	—	—
	1000	56%	56/44	9000	66.7	135	67.3	134	68.5	131	69.9	129	72.6	124	73.2	123	74.3	121	75.7	119	—	—	—	—	—	—
	1125	53%	53/47	9500	70.7	134	71.3	133	72.4	131	73.8	129	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1250	50%	50/50	10000	74.6	134	75.2	133	76.3	131	77.7	129	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*Based on 3500K, 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.

4' PERFORMANCE CHART

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Nominal Lumens	Lumens Per Watt (LPW)															
				FLAS		FLAF		FLFL		FLBW		BWBW		BWFL		BWAS		BWAF	
				Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW
	275	50/50	2200	19.9	111	20.0	110	20.4	108	20.1	110	19.2	115	19.6	112	19.0	116	19.1	115
	375	42/58	2600	23.1	112	23.3	112	23.7	110	23.3	111	22.1	117	22.5	115	21.9	119	22.1	118
	625	31/69	3600	32.5	111	32.6	110	33.1	109	32.7	110	30.4	118	30.8	117	30.2	119	30.3	119
275	875	24/76	4600	42.3	109	42.4	108	42.8	107	42.5	108	39.1	118	39.5	117	38.9	118	39.0	118
	1000	22/78	5100	46.9	109	47.0	108	47.5	107	47.1	108	43.5	117	43.9	116	43.3	118	43.4	117
	1125	20/80	5600	51.9	108	52.1	108	52.5	107	52.1	107	47.9	117	48.3	116	47.7	117	47.9	117
	1250	18/82	6100	56.9	107	57.0	107	57.5	106	57.1	109	52.5	116	52.9	115	52.3	117	52.5	116
	275	58/42	2600	23.1	113	23.2	112	24.1	108	23.6	110	22.8	114	23.3	112	22.2	117	22.4	116
	375	50/50	3000	26.3	114	26.5	113	27.4	109	26.9	112	25.7	117	26.2	114	25.1	119	25.3	119
	625	38/62	4000	35.7	112	35.9	112	36.8	109	36.2	110	33.9	118	34.5	116	33.4	120	33.6	119
375	875	30/70	5000	45.5	110	45.6	110	46.5	107	46.0	109	42.7	117	43.2	116	42.1	119	42.3	118
	1000	27/73	5500	50.1	110	50.2	109	51.2	108	50.6	109	47.0	117	47.5	116	46.5	118	46.6	118
	1125	25/75	6000	55.1	109	55.3	109	56.2	107	55.7	108	51.5	117	52.0	115	50.9	118	51.1	117
	1250	23/77	6500	60.1	108	60.3	108	61.2	106	60.6	109	56.1	116	56.6	115	55.5	117	55.7	117
	275	69/31	3600	33.5	108	33.8	107	34.6	104	33.8	107	32.9	109	33.8	107	32.6	110	32.9	109
	375	63/37	4000	36.7	109	37.1	108	37.9	106	37.1	108	35.9	112	36.7	109	35.6	113	35.9	112
	625	50/50	5000	46.1	108	46.4	108	47.2	106	46.4	108	44.1	113	45.0	111	43.8	114	44.1	113
625	875	42/58	6000	55.9	107	56.2	107	57.0	105	56.2	107	52.8	114	53.7	112	52.5	114	52.8	114
	1000	38/62	6500	60.5	107	60.8	107	61.6	105	60.8	107	57.2	114	58.0	112	56.9	114	57.2	114
	1125	36/64	7000	65.5	107	65.9	106	66.7	105	65.8	106	61.7	114	62.5	112	61.3	114	61.7	114
	1250	33/67	7500	70.5	106	70.8	106	71.6	105	70.8	108	66.3	113	67.1	112	66.0	114	66.3	113
	275	76/24	4600	42.8	108	43.2	106	45.6	101	44.5	103	43.6	106	44.7	103	41.9	110	42.4	109
	375	70/30	5000	46.0	109	46.5	108	48.9	102	47.7	105	46.5	107	47.7	105	44.8	112	45.3	110
	625	58/42	6000	55.4	108	55.8	107	58.2	103	57.1	105	54.8	110	55.9	107	53.1	113	53.5	112
875	875	50/50	7000	65.2	107	65.6	107	68.0	103	66.9	105	63.5	110	64.6	108	61.8	113	62.3	112
	1000	47/53	7500	69.8	107	70.2	107	72.6	103	71.5	105	67.9	111	69.0	109	66.2	113	66.6	113
	1125	44/56	8000	74.8	107	75.3	106	77.7	103	76.5	105	72.3	111	73.5	109	70.6	113	71.1	113
	1250	41/59	8500	79.8	107	80.2	106	82.6	103	81.5	106	76.9	110	78.1	109	75.2	113	75.7	112
	275	78/22	5100	48.0	106	48.6	105	50.9	100	49.8	102	48.9	104	50.0	102	47.2	108	47.7	107
	375	73/27	5500	51.3	107	51.8	106	54.1	102	53.1	104	51.9	106	52.9	104	50.1	110	50.6	109
	625	62/38	6500	60.7	107	61.2	106	63.5	102	62.4	104	60.1	108	61.2	106	58.4	111	58.9	110
1000	875	53/47	7500	70.4	106	71.0	106	73.3	102	72.2	104	68.8	109	69.9	107	67.1	112	67.6	111
	1000	50/50	8000	75.1	107	75.6	106	77.9	103	76.8	104	73.2	109	74.3	108	71.5	112	72.0	111
	1125	47/53	8500	80.1	106	80.6	105	82.9	103	81.8	104	77.7	109	78.7	108	75.9	112	76.4	111
	1250	44/56	9000	85.1	106	85.6	105	87.9	102	86.8	105	82.3	109	83.3	108	80.5	112	81.0	111
	275	80/20	5600	53.3	105	53.9	104	56.6	99	55.3	101	54.5	103	55.7	101	52.5	107	53.1	106
	375	75/25	6000	56.6	106	57.2	105	59.8	100	58.6	102	57.4	105	58.6	102	55.4	108	56.0	107
	625	64/36	7000	65.9	106	66.5	105	69.2	101	67.9	103	65.7	107	66.9	105	63.6	110	64.3	109
1125	875	56/44	8000	75.7	106	76.3	105	79.0	101	77.7	103	74.4	108	75.6	106	72.4	111	73.0	110
	1000	53/47	8500	80.3	106	80.9	105	83.6	102	82.3	103	78.7	108	80.0	106	76.7	111	77.3	110
	1125	50/50	9000	85.4	105	86.0	105	88.6	102	87.4	103	83.2	108	84.4	107	81.2	111	81.8	110
	1250	47/53	9500	90.3	105	90.9	104	93.6	102	92.3	104	87.8	108	89.0	107	85.8	111	86.4	110
	275	90/10	6100	58.6	116	59.4	103	62.4	98	61.0	100	60.1	101	61.5	99	57.8	106	58.5	104
	375	85/15	6500	61.9	116	62.7	104	65.6	99	64.2	101	63.0	103	64.4	101	60.7	107	61.5	106
	625	73/27	7500	71.2	115	72.0	104	75.0	100	73.6	102	71.3	105	72.7	103	69.0	109	69.7	108
1250	875	65/35	8500	81.0	114	81.8	104	84.8	100	83.4	102	80.0	106	81.4	104	77.7	109	78.4	108
	1000	61/39	9000	85.6	113	86.4	104	89.4	101	88.0	102	84.4	107	85.8	105	82.0	110	82.8	109
	1125	58/42	9500	90.7	113	91.4	104	94.4	101	93.0	102	88.8	107	90.2	105	86.5	110	87.3	109
	1250	55/45	10000	95.6	112	96.4	104	99.4	101	98.0	102	93.4	107	94.8	105	91.1	110	91.9	109

*Based on 2700K, 90CRI, 4' lengths. *Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%. Pop-Up Lens/Pop-down lens lumen output may vary +/- 5%

4' PERFORMANCE CHART

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Nominal Lumens	Lumens Per Watt (LPW)																	
				PUAS		PUAF		PUBW		PUFL		BWPD05		BWPD15		FLPD05		FLPD15		PUPD05	
				Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW
275	275	50/50	2200	21.3	103	21.4	103	21.5	102	21.9	101	21.9	100	22.9	96	22.8	97	23.8	92	24.2	91
	375	42/58	2600	25.7	101	25.8	101	25.8	101	26.2	99	24.9	105	25.9	101	26.0	100	27.1	96	28.6	91
	625	31/69	3600	37.0	97	37.1	97	37.2	97	37.5	96	33.1	109	34.1	106	35.4	102	36.4	99	39.9	90
	875	24/76	4600	48.9	94	49.0	94	49.1	94	49.5	93	41.8	110	42.8	107	45.2	102	46.2	100	51.8	89
	1000	22/78	5100	54.4	94	54.6	93	54.6	93	55.0	93	46.2	110	47.2	108	49.8	102	50.8	100	57.3	89
	1125	20/80	5600	—	—	—	—	—	—	—	—	50.7	111	51.7	108	54.8	102	55.8	100	—	—
	1250	18/82	6100	—	—	—	—	—	—	—	—	55.3	122	56.3	108	59.8	104	60.8	102	—	—
375	275	58/42	2600	24.5	106	24.7	105	25.1	104	25.6	102	27.1	96	28.5	91	27.9	93	29.3	89	29.4	89
	375	50/50	3000	28.8	104	29.0	103	29.4	102	29.9	100	30.0	100	31.4	96	31.2	96	32.6	92	33.7	89
	625	38/62	4000	40.2	100	40.3	99	40.7	98	41.2	97	38.3	105	39.7	101	40.6	99	42.0	95	45.0	89
	875	30/70	5000	52.1	96	52.3	96	52.6	95	53.2	94	47.0	106	48.4	103	50.3	99	51.7	97	57.0	88
	1000	27/73	5500	57.6	95	57.8	95	58.2	95	58.7	94	51.3	107	52.7	104	54.9	100	56.3	98	62.5	88
	1125	25/75	6000	—	—	—	—	—	—	—	—	55.8	108	57.2	105	60.0	100	61.4	98	—	—
	1250	23/77	6500	—	—	—	—	—	—	—	—	60.4	118	61.8	105	65.0	102	66.3	100	—	—
625	275	69/31	3600	34.9	103	35.2	102	35.2	102	36.1	100	40.5	89	43.1	84	41.4	87	44.0	82	42.8	84
	375	63/37	4000	39.3	102	39.6	101	39.6	101	40.4	99	43.5	92	46.0	87	44.6	90	47.2	85	47.2	85
	625	50/50	5000	50.6	99	50.9	98	50.9	98	51.7	97	51.7	97	54.3	92	54.0	93	56.6	88	58.5	86
	875	42/58	6000	62.5	96	62.8	96	62.8	96	63.6	94	60.4	99	63.0	95	63.8	94	66.4	90	70.4	85
	1000	38/62	6500	68.0	96	68.4	95	68.4	95	69.2	94	64.8	100	67.4	96	68.4	95	71.0	92	75.9	86
	1125	36/64	7000	—	—	—	—	—	—	—	—	69.2	101	71.8	97	73.4	95	76.0	92	—	—
	1250	33/67	7500	—	—	—	—	—	—	—	—	73.9	110	76.4	98	78.4	96	81.0	94	—	—
875	275	76/24	4600	44.2	104	44.7	103	45.9	100	47.0	98	54.9	84	58.5	79	55.7	83	59.4	77	57.2	80
	375	70/30	5000	48.6	103	49.0	102	50.2	100	51.4	97	57.8	86	61.5	81	59.0	85	62.7	80	61.5	81
	625	58/42	6000	59.9	100	60.3	99	61.6	97	62.7	96	66.1	91	69.7	86	68.4	88	72.0	83	72.8	82
	875	50/50	7000	71.8	98	72.2	97	73.5	95	74.6	94	74.8	94	78.4	89	78.1	90	81.8	86	84.8	83
	1000	47/53	7500	77.3	97	77.8	96	79.0	95	80.2	94	79.2	95	82.8	91	82.8	91	86.4	87	90.3	83
	1125	44/56	8000	—	—	—	—	—	—	—	—	83.6	96	87.3	92	87.8	91	91.5	87	—	—
	1250	41/59	8500	—	—	—	—	—	—	—	—	88.2	96	91.9	93	92.8	92	96.4	88	—	—
1000	275	78/22	5100	49.5	103	50.0	102	51.2	100	52.3	98	—	—	—	—	—	—	—	—	—	—
	375	73/27	5500	53.8	102	54.4	101	55.6	99	56.7	97	—	—	—	—	—	—	—	—	—	—
	625	62/38	6500	65.1	100	65.7	99	66.9	97	68.0	96	—	—	—	—	—	—	—	—	—	—
	875	53/47	7500	77.1	97	77.6	97	78.8	95	79.9	94	—	—	—	—	—	—	—	—	—	—
	1000	50/50	8000	82.6	97	83.1	96	84.4	95	85.4	94	—	—	—	—	—	—	—	—	—	—
	1125	47/53	8500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1250	44/56	9000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1125	275	80/20	5600	54.8	102	55.4	101	56.8	99	58.0	97	—	—	—	—	—	—	—	—	—	—
	375	75/25	6000	59.1	102	59.7	100	61.1	98	62.3	96	—	—	—	—	—	—	—	—	—	—
	625	64/36	7000	70.4	99	71.0	99	72.4	97	73.7	95	—	—	—	—	—	—	—	—	—	—
	875	56/44	8000	82.3	97	82.9	96	84.3	95	85.6	93	—	—	—	—	—	—	—	—	—	—
	1000	53/47	8500	87.9	97	88.5	96	89.9	95	91.1	93	—	—	—	—	—	—	—	—	—	—
	1125	50/50	9000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1250	47/53	9500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1250	275	90/10	6100	60.1	102	60.8	100	62.4	98	63.8	96	—	—	—	—	—	—	—	—	—	—
	375	85/15	6500	64.4	101	65.2	100	66.8	97	68.2	95	—	—	—	—	—	—	—	—	—	—
	625	73/27	7500	75.7	99	76.5	98	78.1	96	79.5	94	—	—	—	—	—	—	—	—	—	—
	875	65/35	8500	87.6	97	88.4	96	90.0	94	91.4	93	—	—	—	—	—	—	—	—	—	—
	1000	61/39	9000	93.2	97	94.0	96	95.5	94	96.9	93	—	—	—	—	—	—	—	—	—	—
	1125	58/42	9500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1250	55/45	10000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*Based on 2700K, 90CRI, 4' lengths. *Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%. Pop-Up Lens/Pop-down lens lumen output may vary +/- 5%

Lumen Multipliers

CRI	Multiplier
80+	1.16
90+	1.00

Wattage Multipliers

CCT	Multiplier
2700K	1.00
3000K	0.96
3500K	0.92
4000K	0.89
5000K	0.88
5700K	0.87

Finishes

FOCAL POINT®

STANDARD FINISHES


WHITE WH

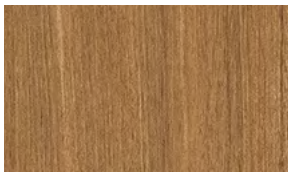

BLACK BK

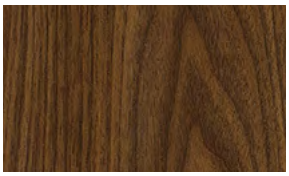

TITANIUM SILVER TS

THE NATURALS (25% SCALE)


LIGHT OAK LOK


GRAY ELM GRE


CHESTNUT CHT


WALNUT WLT


WOVEN LINEN WLN


Declare.

Seem Linear Luminaires
Focal Point, LLC

Final Assembly: Chicago, IL, USA
Life Expectancy: 10 Year(s)
End of Life Options: Recyclable (55%), Landfill (45%)

Ingredients:

Aluminum Alloy 6063; UNS G10080 Steel Alloy; Small Electrical Components - RoHS Compliant[1]; Copper; Polymethyl methacrylate; Steel; Poly[imino(1,6-dioxo-1,6- hexanediyl)imino-1,6-hexanediyl]; Polyvinyl chloride; Aluminum Alloy 6061; UNS S30400 Stainless Steel Alloy; Steel manufacture, chemicals; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Nylon 6; Benzene, ethenyl-, homopolymer, brominated; Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE); Tris(2-ethylhexyl) trimellitate; Zinc; Methyl methacrylate; Antimony oxide (Antimony trioxide); Kaolin, calcined; Octadecanoic acid, calcium salt; Steel, carbon

[1]LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:
☐ LBC Red List Free
☐ LBC Red List Approved
■ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

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INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Exclusions: Pop-Up & Pop-Down Lenses, Emergency Battery Pack (EM), The Naturals collection finishes

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.

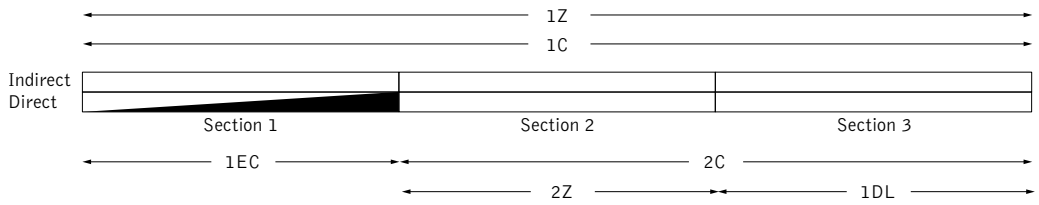
Complete the Totals / Ordering Codes at the bottom of the worksheet and add to your ordering logic on the cut sheet.

Submit the worksheet along with your order.

TOTAL RUN LENGTH: 24ft **JOB NAME:** _____ **FIXTURE TYPE:** _____

	HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
							SEPARATE ELECTRICAL FEEDS			
				SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
EXAMPLE	1	8	Indirect	1C	1Z					
			Direct					1EC		
	2	8	Indirect	1C	1Z					
			Direct	2C	2Z					
	3	8	Indirect	1C	1Z					
			Direct	2C		1DL				
	Totals / Ordering Codes			2C	2Z	1DL		1EC		

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



KEY	
C = Switching Circuit Switched Hot / Shared Neutral	**DC = Daylight Circuit** Switched Hot / Separate Neutral
Z = Dimming Zone Dimming Control Wires	**EC = Emergency Circuit** Switched Hot / Separate Neutral
DL = Daylight Zone Daylight Dimming Control Wires	**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

WORKSHEET

TOTAL RUN LENGTH: _____ **JOB NAME:** _____ **FIXTURE TYPE:** _____

HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
						SEPARATE ELECTRICAL FEEDS			
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
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							
Totals / Ordering Codes									

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.