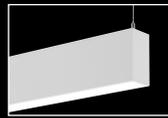
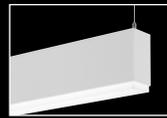


Seem[®] 2

LED DIRECT/INDIRECT



flush lens



0.5" pop-down lens



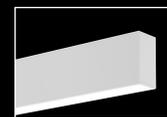
1.5" pop-down lens



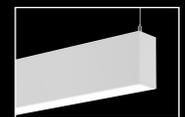
corner detail



The Naturals collection - Walnut shown



wall mount companion

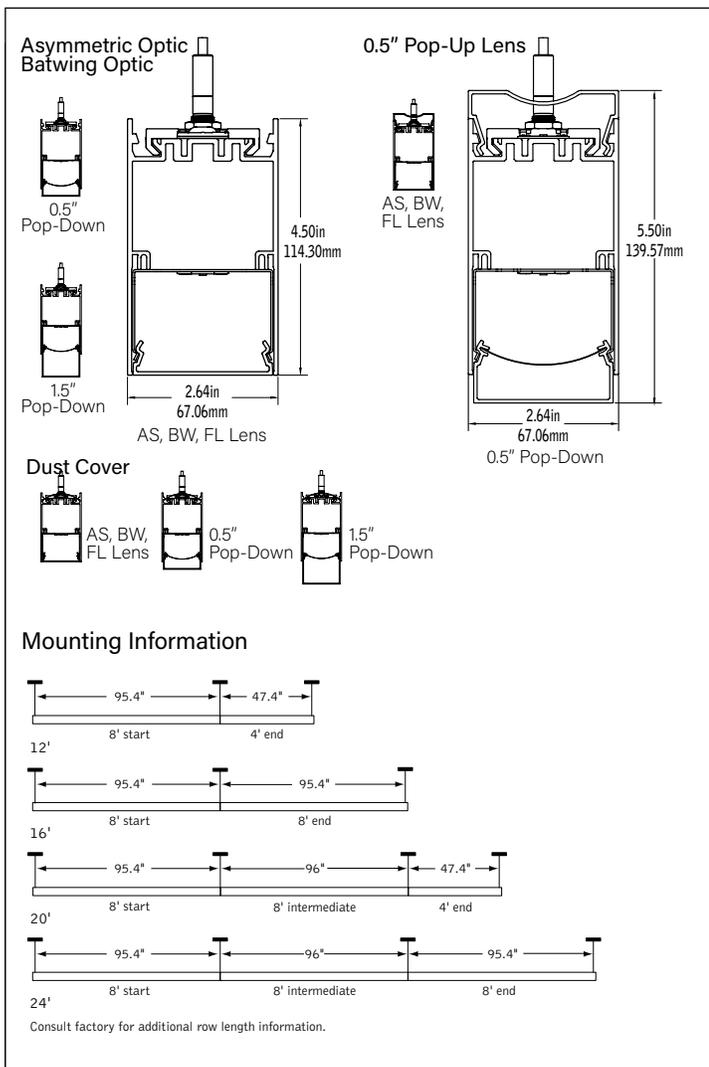


direct only companion



recessed companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 2.5" linear direct/indirect LED with indirect Asymmetric Optic, Batwing Optic, and Pop-lens options.

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

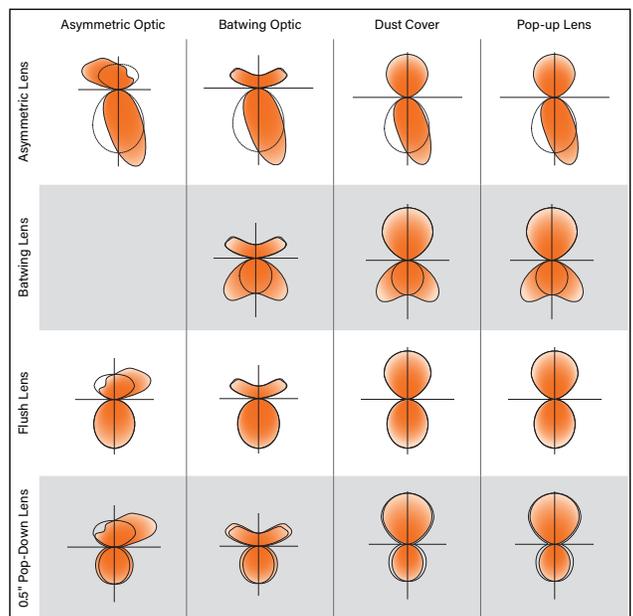
Individual units and continuous runs in 1' increments.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

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

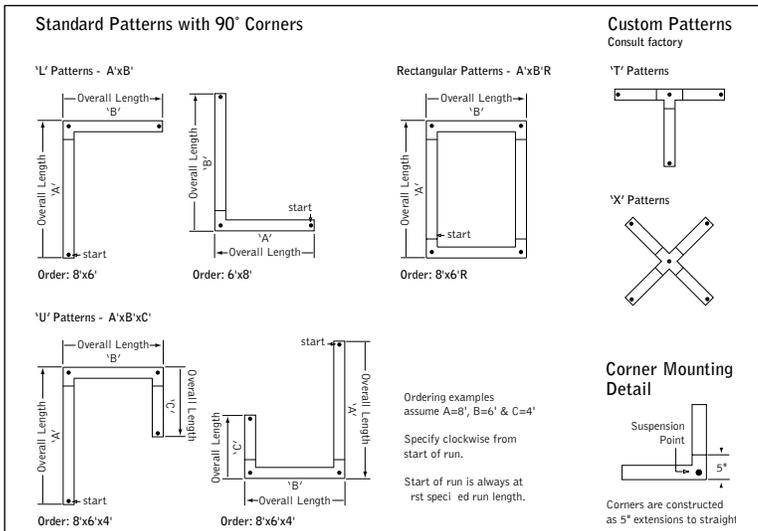
Available with The Naturals, a series of finishes that exude biophilic beauty.

DISTRIBUTIONS



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

MOUNTING INFORMATION



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 CRI>80 or CRI>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. Color accuracy <3 SDCM.

Construction

One piece extruded aluminum housing. Cast aluminum end caps. 8' unit weight: 30 lbs.

Optic

Reflectors fabricated of 20 Ga. steel finished in Matte White powder coat. Extruded acrylic lens with frosted finish, up to 8' continuous.

Electrical

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. 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

Emergency Battery output - 10 watts for 90 minutes. Maximum mounting height: 20 ft. Emergency Circuit with Connected Solutions (WSPC, WSPS, NLT1, NXE1, WLXP) shipped standard with leads to connect UL924 compliant device, by others.

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. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

Reported: L70 at >61,000 hours Calculated: L70 at 257,000 hours
L90 at >61,000 hours L90 at 69,000 hours
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

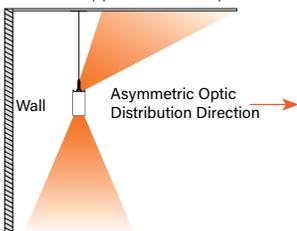
LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

4' PERFORMANCE CHARTS

See page 3 & 4.

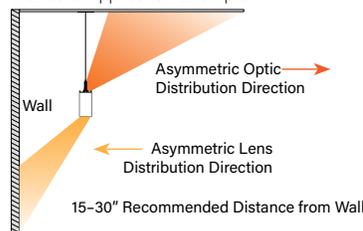
INDIRECT ASYMMETRIC

Standard Application Example



DIRECT/INDIRECT ASYMMETRIC

Standard Application Example



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

ORDERING Luminaire Series

Seem 2 LED Direct / Indirect **FSM2BS**

Shielding

Asymmetric Optic top	Asymmetric Lens bottom Flush Lens bottom	ASAS ASFL
Asymmetric Optic top	0.5" Pop-down Lens bottom 1.5" Pop-down Lens bottom (Individual Units Only)	ASPD05 ASPD15
Batwing Optic top	Asymmetric Lens bottom Batwing Lens bottom Flush Lens bottom	BWAS BWBW BFWL
Batwing Optic top	0.5" Pop-down Lens bottom 1.5" Pop-down Lens bottom (Individual Units Only)	BWPD05 BWPD15
Dust Cover top	Asymmetric Lens bottom Batwing Lens bottom Flush Lens bottom	DCAS DCBW DCFL
Dust Cover top	0.5" Pop-down Lens bottom 1.5" Pop-down Lens bottom (Individual Units Only)	DCPD05 DCPD15
0.5" Pop-up Lens top	Asymmetric Lens bottom Batwing Lens bottom Flush Lens bottom 0.5" Pop-down Lens bottom	PUAS PUBW PUFL PUPD05

Direct Distribution

125 Lumens per foot (LD1 & LT1 Only)	125DN
250 Lumens per foot	250DN
375 Lumens per foot	375DN
500 Lumens per foot	500DN
625 Lumens per foot	625DN
750 Lumens per foot	750DN
875 Lumens per foot	875DN
1000 Lumens per foot	1000DN

Indirect Distribution

250 Lumens per foot	250UP
375 Lumens per foot	375UP
500 Lumens per foot	500UP
625 Lumens per foot	625UP
750 Lumens per foot	750UP
875 Lumens per foot	875UP
1000 Lumens per foot	1000UP
125 Lumens per foot (Not available with Pop-up Lens.)	1250UP

Color Temperature

2700K, 80+ CRI or 90+ CRI	27K or 927K
3000K, 80+ CRI or 90+ CRI	30K or 930K
3500K, 80+ CRI or 90+ CRI	35K or 935K
4000K, 80+ CRI or 90+ CRI	40K or 940K

Circuits & Zones

1 Circuit, non-emergency	1C
2 non-emergency circuits provide independent control of Direct and Indirect sources (Not available with NLT1, WSPS, NXE1) Consult Ordering Guide on page 6 for multiple circuiting and zoning options	2C _C_Z_DL

Voltage

120/277 UNV Volt	UNV
347V (LD1 & LT1 only)	347
Low voltage	LV

Control System & Dimming Level

0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	LT1
Low Voltage, PoE compatible (No driver. Not available with EM or EC. LV Voltage only.)	LVN
Wattstopper PLUS*	WSPC
Connected Light Module (0-10V standard. Consult Factory for DALI)	
Wattstopper PLUS*	WSPS
SensiLUM Wireless Sensor (0-10V standard. Consult Factory for DALI)	
Lutron Athena Wireless Node**	LAW1
(0-10V standard. Consult Factory for DALI)	
Lutron Athena Wireless Sensor**	LAWS
(0-10V standard. Consult Factory for DALI)	
Acuity nLight - 1% Dimming** (Not available with CP)	NLT1
Current NX Enabled - 1% Dimming** (Not available with CP)	NXE1
WaveLinX Pro - 1% Dimming** See sensor layout guide	WLXP

** (4' minimum length, with ECD/EM - 7' minimum. Not available with pop-down lenses.)

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" - 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. 5' minimum with Connected Solutions.)

Finish

(See finishes page for The Naturals options)

Black	BK
Titanium Silver	TS
Matte White Housing	WH
Luminaire Length	
Specify luminaire/row length in 1' increments (4' minimum. Leave blank for patterns. Smaller increments available, consult factory.)	X'
Pattern Options (4' minimum length)	
'L' pattern	A' x B'
'U' pattern	A' x B' x C'
Rectangular pattern (Consult factory for other pattern options) (Not available with Pop-Up or Pop-Down Lens options.)	A' x B' R



Options in orange qualify for the Quickship program. 1000' total. Refer to Quickship Guide for complete details including EM/EC options.

4' PERFORMANCE CHART

Direct Distribution	Indirect Distribution	Total Delivered Lumens	ASAS			ASFL			ASPD05			ASPD15			BWAS			BWBW		
			Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW
125	250	1500	34/66	13.3	113	34/66	13.1	114	32/68	13.4	112	29/71	13.2	113	33/67	13.2	114	33/67	13.2	114
	375	2000	26/74	16.0	125	26/74	15.8	126	24/76	16.1	124	21/79	15.9	126	25/75	15.9	126	25/75	15.9	126
	500	2500	21/79	19.0	131	21/79	18.9	133	19/81	19.1	131	17/83	18.9	132	20/80	18.8	133	20/80	18.8	133
	625	3000	17/83	22.1	136	17/83	22.0	137	16/84	22.2	135	14/86	22.0	136	17/83	21.9	137	17/83	21.9	137
	750	3500	15/85	25.3	138	15/85	25.2	139	14/86	25.4	138	12/88	25.3	139	14/86	25.0	140	14/86	25.0	140
	875	4000	13/87	29.5	136	13/87	29.3	137	12/88	29.5	135	11/89	29.4	136	13/87	29.1	138	13/87	29.0	138
	1000	4500	12/88	33.0	136	12/88	32.9	137	11/89	33.1	136	10/90	32.9	137	11/89	32.5	138	11/89	32.5	138
	1250	5500	9/91	40.4	136	9/91	40.2	137	8/92	40.5	136	8/92	40.3	136	9/91	39.7	138	9/91	39.7	138
250	250	2000	51/49	15.9	126	51/49	16.5	121	47/53	17.0	118	43/57	16.7	120	50/50	15.8	127	50/50	15.8	127
	375	2500	41/59	18.6	134	41/59	19.2	130	38/62	19.7	127	34/66	19.4	129	40/60	18.5	135	40/60	18.5	135
	500	3000	34/66	21.6	139	34/66	22.3	135	32/68	22.7	132	29/71	22.4	134	33/67	21.4	140	33/67	21.5	140
	625	3500	29/71	24.7	142	29/71	25.4	138	27/73	25.8	135	25/75	25.5	137	29/71	24.5	143	29/71	24.5	143
	750	4000	26/74	27.9	143	26/74	28.6	140	24/76	29.0	138	21/79	28.7	139	25/75	27.6	145	25/75	27.7	145
	875	4500	23/77	32.1	140	23/77	32.7	138	21/79	33.2	136	19/81	32.8	137	22/78	31.6	142	22/78	31.7	142
	1000	5000	21/79	35.6	140	21/79	36.3	138	19/81	36.7	136	17/83	36.4	137	20/80	35.1	142	20/80	35.2	142
	1250	6000	17/83	43.0	140	17/83	43.6	138	15/85	44.1	136	14/86	43.8	137	17/83	42.3	142	17/83	42.4	142
375	250	2500	61/39	18.9	132	61/39	19.8	126	57/43	20.6	121	51/49	20.1	125	60/40	18.7	133	60/40	18.8	133
	375	3000	51/49	21.6	139	51/49	22.5	133	47/53	23.3	129	43/57	22.8	132	50/50	21.4	140	50/50	21.5	140
	500	3500	44/56	24.6	142	44/56	25.6	137	41/59	26.3	133	37/63	25.8	136	43/57	24.4	143	43/57	24.5	143
	625	4000	38/62	27.7	144	38/62	28.7	140	36/64	29.4	136	32/68	28.9	138	38/62	27.5	146	38/62	27.5	145
	750	4500	34/66	30.9	146	34/66	31.9	141	32/68	32.6	138	29/71	32.1	140	33/67	30.6	147	33/67	30.7	147
	875	5000	31/69	35.0	143	31/69	36.0	139	29/71	36.7	136	26/74	36.2	138	30/70	34.6	144	30/70	34.7	144
	1000	5500	28/72	38.6	142	28/72	39.5	139	26/74	40.3	136	23/77	39.8	138	27/73	38.1	144	27/73	38.2	144
	1250	6500	23/77	46.0	141	23/77	46.9	139	21/79	47.7	136	19/81	47.1	138	23/77	45.3	143	23/77	45.4	143
500	250	3000	68/32	22.2	135	68/32	23.5	128	63/37	24.6	122	56/44	23.8	126	67/33	22.1	136	67/33	22.2	135
	375	3500	58/42	24.9	141	58/42	26.2	134	54/46	27.3	128	48/52	26.5	132	57/43	24.8	141	57/43	24.8	141
	500	4000	51/49	27.9	143	51/49	29.2	137	47/53	30.3	132	43/57	29.6	135	50/50	27.7	144	50/50	27.8	144
	625	4500	45/55	31.0	145	45/55	32.3	139	42/58	33.4	135	38/62	32.7	138	44/56	30.8	146	44/56	30.9	146
	750	5000	41/59	34.2	146	41/59	35.5	141	38/62	36.6	137	34/66	35.9	139	40/60	33.9	147	40/60	34.0	147
	875	5500	37/63	38.3	143	37/63	39.7	139	35/65	40.7	135	31/69	40.0	138	36/64	37.9	145	36/64	38.0	145
	1000	6000	34/66	41.9	143	34/66	43.2	139	32/68	44.3	136	29/71	43.6	138	33/67	41.4	145	33/67	41.5	145
	1250	7000	29/71	49.3	142	29/71	50.6	138	27/73	51.6	136	24/76	50.9	137	29/71	48.6	144	29/71	48.7	144
625	250	3500	72/28	25.6	137	72/28	27.3	128	67/33	29.4	119	60/40	27.7	126	71/29	25.5	137	71/29	25.5	137
	375	4000	63/37	28.3	141	63/37	30.0	133	59/41	32.1	125	53/47	30.4	131	63/37	28.2	142	63/37	28.2	142
	500	4500	57/43	31.3	144	57/43	33.0	136	53/47	35.1	128	47/53	33.4	135	56/44	31.1	145	56/44	31.2	144
	625	5000	51/49	34.4	145	51/49	36.1	138	47/53	38.2	131	43/57	36.5	137	50/50	34.2	146	50/50	34.3	146
	750	5500	46/54	37.6	146	46/54	39.3	140	43/57	41.4	133	39/61	39.8	138	45/55	37.3	147	45/55	37.4	147
	875	6000	43/57	41.7	144	43/57	43.5	138	40/60	45.5	132	36/64	43.9	137	42/58	41.3	145	42/58	41.4	145
	1000	6500	39/61	45.3	143	39/61	47.0	138	37/63	49.1	132	33/67	47.4	137	38/62	44.8	145	38/62	44.9	145
	1250	7500	33/67	52.7	142	33/67	54.4	138	31/69	56.4	133	28/72	54.8	137	33/67	52.0	144	33/67	52.1	144
750	250	4000	76/24	29.9	134	76/24	32.1	125	70/30	33.8	118	63/37	32.6	123	75/25	29.8	134	75/25	29.9	134
	375	4500	68/32	32.6	138	68/32	34.8	129	63/37	36.5	123	56/44	35.3	127	67/33	32.4	139	67/33	32.6	138
	500	5000	61/39	35.6	140	61/39	37.8	132	57/43	39.5	127	51/49	38.4	130	60/40	35.4	141	60/40	35.5	141
	625	5500	56/44	38.7	142	56/44	40.9	134	52/48	42.6	129	46/54	41.5	133	55/45	38.5	143	55/45	38.6	143
	750	6000	51/49	41.9	143	51/49	44.1	136	47/53	45.8	131	43/57	44.7	134	50/50	41.6	144	50/50	41.7	144
	875	6500	47/53	46.0	141	47/53	48.3	135	44/56	50.0	130	39/61	48.8	133	46/54	45.6	142	46/54	45.7	142
	1000	7000	44/56	49.6	141	44/56	51.8	135	41/59	53.5	131	37/63	52.3	134	43/57	49.1	143	43/57	49.2	142
	1250	8000	38/62	57.0	140	38/62	59.2	135	35/65	60.9	131	31/69	59.7	134	38/62	56.3	142	38/62	56.4	142
875	250	4500	78/22	33.7	134	78/22	36.3	124	73/27	38.4	117	65/35	37.0	122	78/22	33.5	134	78/22	33.7	134
	375	5000	71/29	36.4	138	71/29	39.0	128	66/34	41.1	122	59/41	39.7	126	70/30	36.2	138	70/30	36.4	137
	500	5500	65/35	39.4	140	65/35	42.0	131	60/40	44.1	125	54/46	42.7	129	64/36	39.2	140	64/36	39.3	140
	625	6000	59/41	42.5	141	59/41	45.1	133	55/45	47.2	127	49/51	45.8	131	58/42	42.2	142	58/42	42.4	142
	750	6500	55/45	45.7	142	55/45	48.3	134	51/49	50.4	129	46/54	49.0	133	54/46	45.4	143	54/46	45.5	143
	875	7000	51/49	49.8	141	51/49	52.5	133	47/53	54.5	128	43/57	53.1	132	50/50	49.4	142	50/50	49.6	141
	1000	7500	48/52	53.4	140	48/52	56.0	134	44/56	58.1	129	40/60	56.7	132	47/53	52.9	142	47/53	53.0	141
	1250	8500	41/59	60.7	140	41/59	63.4	134	38/62	65.4	130	34/66	64.1	133	41/59	60.1	141	41/59	60.2	141
1000	250	5000	81/19	37.5	133	81/19	40.8	123	75/25	43.1	116	67/33	41.4	121	80/20	37.4	134	80/20	37.6	133
	375	5500	74/26	40.2	137	74/26	43.5	126	68/32	45.8	120	61/39	44.1	125	73/27	40.1	137	73/27	40.3	136
	500	6000	68/32	43.2	139	68/32	46.5	129	63/37	48.8	123	56/44	47.1	127	67/33	43.0	139	67/33	43.3	139
	625	6500	63/37	46.3	140	63/37	49.6	131	58/42	51.9	125	52/48	50.2	129	62/38	46.1	141	62/38	46.3	140
	750	7000	58/42	49.5	141	58/42	52.8	133	54/46	55.1	127	48/52	53.4	131	57/43	49.2	142	57/43	49.5	141
	875	7500	54/46	53.7	140	54/46	56.9	132	50/50	59.2	127	45/55	57.5	130	53/47	53.2	141	53/47	53.5	140
	1000	8000	51/49	57.2	140	51/49	60.5	132	47/53	62.8	127	43/57	61.1	131	50/50	56.7	141	50/50	57.0	140
	1250	9000	44/56	64.6	139	44/56	67.9	133	41/59	70.2	128	37/63	68.5	131	44/56	63.9	141	44/56	64.2	140

Based on 3500K, 80 CRI, 4' lengths. Lumen multipliers: 90 CRI = 0.86. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

4' PERFORMANCE CHART

Direct Distribution	Indirect Distribution	Total Delivered Lumens	BWFL			BWP05			BWP15			DCAS			DCBW			DCFL		
			Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW	Distribution % (Direct/Indirect)	System Watts	LPW
125	250	1500	33/67	13.0	115	31/69	13.3	113	28/72	13.1	115	33/67	13.8	109	33/67	13.8	109	33/67	13.7	110
	375	2000	25/75	15.7	127	23/77	16.0	125	21/79	15.8	127	25/75	16.8	119	25/75	16.8	119	25/75	16.6	120
	500	2500	20/80	18.7	134	19/81	18.9	132	17/83	18.8	133	20/80	20.1	124	20/80	20.1	124	20/80	19.9	125
	625	3000	17/83	21.7	138	15/85	22.0	137	14/86	21.8	138	17/83	23.5	128	17/83	23.5	128	17/83	23.3	129
	750	3500	14/86	24.9	141	13/87	25.1	139	12/88	25.0	140	14/86	27.0	129	14/86	27.0	129	14/86	26.9	130
	875	4000	13/87	28.9	138	12/88	29.1	137	10/90	29.0	138	13/87	31.6	127	13/87	31.6	127	13/87	31.4	127
	1000	4500	11/89	32.4	139	10/90	32.6	138	9/91	32.5	139	11/89	35.5	127	11/89	35.5	127	11/89	35.4	127
	1250	5500	9/91	39.6	139	8/92	39.8	138	8/92	39.7	139	9/91	43.7	126	9/91	43.7	126	9/91	43.5	126
250	250	2000	50/50	16.4	122	46/54	16.9	118	42/58	16.6	121	50/50	16.4	122	50/50	16.4	122	50/50	17.0	117
	375	2500	40/60	19.1	131	37/63	19.6	128	33/67	19.3	130	40/60	19.4	129	40/60	19.4	129	40/60	20.0	125
	500	3000	33/67	22.1	136	31/69	22.5	133	28/72	22.2	135	33/67	22.7	132	33/67	22.7	132	33/67	23.3	129
	625	3500	29/71	25.1	139	27/73	25.6	137	24/76	25.3	139	29/71	26.1	134	29/71	26.1	134	29/71	26.7	131
	750	4000	25/75	28.3	142	23/77	28.8	139	21/79	28.4	141	25/75	29.6	135	25/75	29.7	135	25/75	30.3	132
	875	4500	22/78	32.3	139	21/79	32.8	137	19/81	32.4	139	22/78	34.2	132	22/78	34.2	131	22/78	34.8	129
	1000	5000	20/80	35.8	140	19/81	36.2	138	17/83	35.9	139	20/80	38.1	131	20/80	38.1	131	20/80	38.7	129
	1250	6000	17/83	43.0	140	15/85	43.5	138	14/86	43.1	139	17/83	46.3	130	17/83	46.3	130	17/83	46.9	128
375	250	2500	60/40	19.7	127	56/44	20.4	122	50/50	19.9	125	60/40	19.4	129	60/40	19.4	129	60/40	20.3	123
	375	3000	50/50	22.4	134	46/54	23.1	130	42/58	22.6	133	50/50	22.4	134	50/50	22.4	134	50/50	23.3	129
	500	3500	43/57	25.4	138	40/60	26.1	134	36/64	25.6	137	43/57	25.7	136	43/57	25.7	136	43/57	26.6	131
	625	4000	38/62	28.4	141	35/65	29.2	137	31/69	28.6	140	38/62	29.1	138	38/62	29.1	137	38/62	30.0	133
	750	4500	33/67	31.6	143	31/69	32.3	139	28/72	31.8	142	33/67	32.6	138	33/67	32.7	138	33/67	33.6	134
	875	5000	30/70	35.6	141	28/72	36.3	138	25/75	35.8	140	30/70	37.2	134	30/70	37.2	134	30/70	38.1	131
	1000	5500	27/73	39.1	141	25/75	39.8	138	23/77	39.3	140	27/73	41.1	134	27/73	41.1	134	27/73	42.0	131
	1250	6500	23/77	46.3	140	21/79	47.0	138	19/81	46.5	140	23/77	49.3	132	23/77	49.3	132	23/77	50.2	129
500	250	3000	67/33	23.4	128	62/38	24.4	123	56/44	23.7	127	67/33	22.7	132	67/33	22.8	132	67/33	24.0	125
	375	3500	57/43	26.1	134	53/47	27.1	129	48/52	26.4	133	57/43	25.7	136	57/43	25.8	136	57/43	27.0	130
	500	4000	50/50	29.0	138	46/54	30.1	133	42/58	29.4	136	50/50	29.0	138	50/50	29.1	138	50/50	30.3	132
	625	4500	44/56	32.1	140	41/59	33.1	136	37/63	32.4	139	44/56	32.4	139	44/56	32.5	139	44/56	33.7	134
	750	5000	40/60	35.2	142	37/63	36.3	138	33/67	35.6	141	40/60	35.9	139	40/60	36.0	139	40/60	37.2	134
	875	5500	36/64	39.3	140	34/66	40.3	136	30/70	39.6	139	36/64	40.5	136	36/64	40.6	136	36/64	41.8	132
	1000	6000	33/67	42.7	140	31/69	43.8	137	28/72	43.1	139	33/67	44.4	135	33/67	44.5	135	33/67	45.7	131
	1250	7000	29/71	49.9	140	27/73	51.0	137	24/76	50.3	139	29/71	52.6	133	29/71	52.7	133	29/71	53.9	130
625	250	3500	71/29	27.2	129	66/34	29.2	120	60/40	27.6	127	71/29	26.1	134	71/29	26.2	134	71/29	27.8	126
	375	4000	63/37	29.9	134	58/42	31.9	125	52/48	30.3	132	63/37	29.1	138	63/37	29.2	137	63/37	30.8	130
	500	4500	56/44	32.8	137	52/48	34.9	129	46/54	33.3	135	56/44	32.4	139	56/44	32.5	139	56/44	34.1	132
	625	5000	50/50	35.9	139	46/54	37.9	132	42/58	36.3	138	50/50	35.8	140	50/50	35.9	139	50/50	37.5	133
	750	5500	45/55	39.0	141	42/58	41.1	134	38/62	39.5	139	45/55	39.3	140	45/55	39.4	140	45/55	41.1	134
	875	6000	42/58	43.1	139	39/61	45.1	133	35/65	43.5	138	42/58	43.9	137	42/58	44.0	136	42/58	45.6	132
	1000	6500	38/62	46.5	140	36/64	48.6	134	32/68	47.0	138	38/62	47.8	136	38/62	47.9	136	38/62	49.5	131
	1250	7500	33/67	53.8	140	31/69	55.8	134	28/72	54.2	138	33/67	56.0	134	33/67	56.1	134	33/67	57.7	130
750	250	4000	75/25	32.0	125	70/30	33.7	119	62/38	32.5	123	75/25	30.4	132	75/25	30.5	131	75/25	32.6	123
	375	4500	67/33	34.7	130	62/38	36.4	124	56/44	35.2	128	67/33	33.4	135	67/33	33.5	134	67/33	35.6	126
	500	5000	60/40	37.6	133	56/44	39.3	127	50/50	38.2	131	60/40	36.7	136	60/40	36.8	136	60/40	38.9	129
	625	5500	55/45	40.7	135	51/49	42.4	130	45/55	41.2	133	55/45	40.1	137	55/45	40.2	137	55/45	42.3	130
	750	6000	50/50	43.8	137	46/54	45.5	132	42/58	44.4	135	50/50	43.6	138	50/50	43.7	137	50/50	45.9	131
	875	6500	46/54	47.9	136	43/57	49.5	131	38/62	48.4	134	46/54	48.2	135	46/54	48.3	135	46/54	50.4	129
	1000	7000	43/57	51.3	136	40/60	53.0	132	36/64	51.9	135	43/57	52.1	134	43/57	52.2	134	43/57	54.3	129
	1250	8000	38/62	58.5	137	35/65	60.2	133	31/69	59.1	135	38/62	60.3	133	38/62	60.4	132	38/62	62.5	128
875	250	4500	78/22	36.2	124	72/28	38.2	118	65/35	36.9	122	78/22	34.2	132	78/22	34.3	131	78/22	36.8	122
	375	5000	70/30	38.9	129	65/35	40.9	122	58/42	39.6	126	70/30	37.1	135	70/30	37.3	134	70/30	39.8	126
	500	5500	64/36	41.8	131	59/41	43.9	125	53/47	42.5	129	64/36	40.5	136	64/36	40.6	135	64/36	43.1	128
	625	6000	58/42	44.9	134	54/46	46.9	128	49/51	45.6	132	58/42	43.9	137	58/42	44.0	136	58/42	46.5	129
	750	6500	54/46	48.0	135	50/50	50.1	130	45/55	48.7	133	54/46	47.4	137	54/46	47.6	137	54/46	50.1	130
	875	7000	50/50	52.1	134	46/54	54.1	129	42/58	52.7	133	50/50	52.0	135	50/50	52.1	134	50/50	54.6	128
	1000	7500	47/53	55.5	135	43/57	57.6	130	39/61	56.2	133	47/53	55.9	134	47/53	56.0	134	47/53	58.5	128
	1250	8500	41/59	62.7	135	38/62	64.8	131	34/66	63.4	134	41/59	64.1	133	41/59	64.2	132	41/59	66.7	127
1000	250	5000	80/20	40.7	123	74/26	43.0	116	67/33	41.2	121	80/20	38.0	132	80/20	38.3	131	80/20	41.3	121
	375	5500	73/27	43.4	127	68/32	45.7	120	61/39	43.9	125	73/27	41.0	134	73/27	41.2	133	73/27	44.3	124
	500	6000	67/33	46.3	130	62/38	48.6	123	56/44	46.9	128	67/33	44.3	135	67/33	44.5	135	67/33	47.6	126
	625	6500	62/38	49.4	132	57/43	51.7	126	51/49	50.0	130	62/38	47.7	136	62/38	47.9	136	62/38	51.0	127
	750	7000	57/43	52.5	133	53/47	54.8	128	48/52	53.1	132	57/43	51.2	137	57/43	51.5	136	57/43	54.5	128
	875	7500	53/47	56.5	133	50/50	58.8	127	44/56	57.1	131	53/47	55.8	134	53/47	56.0	134	53/47	59.1	127
	1000	8000	50/50	60.0	133	46/54	62.3	128	42/58	60.6	132	50/50	59.7	134	50/50	59.9	133	50/50	63.0	127
	1250	9000	44/56	67.2	134	41/59	69.5	129	37/63	67.8	133	44/56	67.9	133	44/56	68.1	132	44/56	71.2	126

*Based on 3500K, 4' lengths. Lumen Multipliers: Delivered lumens may vary +/- 5%. Actual wattage may vary +/- 5%.

4' PERFORMANCE CHART

Direct Distribution	Indirect Distribution	Total Delivered Lumens	DCPD05			DCPD15			PUAS			PUBW			PUFL			PUPD05		
			Distribution % (Direct/Indirect)	System Watts	LPW 	Distribution % (Direct/Indirect)	System Watts	LPW 	Distribution % (Direct/Indirect)	System Watts	LPW 	Distribution % (Direct/Indirect)	System Watts	LPW 	Distribution % (Direct/Indirect)	System Watts	LPW 	Distribution % (Direct/Indirect)	System Watts	LPW 
125	250	1500	31/69	13.9	108	28/72	13.7	109	37/63	13.9	108	37/63	13.9	108	37/63	13.7	109	35/65	14.0	107
	375	2000	23/77	16.9	119	21/79	16.7	120	30/70	16.9	118	30/70	16.9	118	30/70	16.8	119	28/72	17.0	118
	500	2500	19/81	20.2	124	17/83	20.0	125	25/75	20.3	123	25/75	20.3	123	25/75	20.1	124	23/77	20.4	123
	625	3000	15/85	23.6	127	14/86	23.4	128	22/78	23.8	126	22/78	23.8	126	22/78	23.6	127	21/79	23.9	126
	750	3500	13/87	27.1	129	12/88	27.0	130	20/80	28.1	125	20/80	28.1	125	20/80	27.9	125	19/81	28.2	124
	875	4000	12/88	31.7	126	10/90	31.5	127	18/82	31.9	125	18/82	31.9	125	18/82	31.8	126	17/83	32.0	125
	1000	4500	10/90	35.6	126	9/91	35.4	127	17/83	35.9	125	17/83	35.9	125	17/83	35.7	126	16/84	36.0	125
	1250	5500	8/92	43.8	126	8/92	43.6	126	—	—	—	—	—	—	—	—	—	—	—	—
250	250	2000	46/54	17.5	114	42/58	17.2	116	53/47	16.5	121	53/47	16.5	121	53/47	17.1	117	50/50	17.6	114
	375	2500	37/63	20.5	122	33/67	20.2	124	44/56	19.5	128	44/56	19.6	128	44/56	20.2	124	41/59	20.6	121
	500	3000	31/69	23.8	126	28/72	23.5	128	37/63	22.9	131	37/63	22.9	131	37/63	23.5	128	35/65	24.0	125
	625	3500	27/73	27.2	129	24/76	26.9	130	33/67	26.4	133	33/67	26.4	133	33/67	27.0	130	31/69	27.5	127
	750	4000	23/77	30.8	130	21/79	30.4	131	30/70	30.7	130	30/70	30.7	130	30/70	31.3	128	28/72	31.8	126
	875	4500	21/79	35.3	127	19/81	35.0	129	27/73	34.5	130	27/73	34.6	130	27/73	35.2	128	25/75	35.7	126
	1000	5000	19/81	39.2	127	17/83	38.9	129	25/75	38.5	130	25/75	38.5	130	25/75	39.1	128	23/77	39.6	126
	1250	6000	15/85	47.4	127	14/86	47.1	127	—	—	—	—	—	—	—	—	—	—	—	—
375	250	2500	56/44	21.1	119	50/50	20.6	121	62/38	19.5	128	62/38	19.5	128	62/38	20.4	122	58/42	21.2	118
	375	3000	46/54	24.0	125	42/58	23.5	127	53/47	22.5	133	53/47	22.5	133	53/47	23.4	128	50/50	24.2	124
	500	3500	40/60	27.4	128	36/64	26.9	130	46/54	25.8	135	46/54	25.9	135	46/54	26.8	131	43/57	27.5	127
	625	4000	35/65	30.8	130	31/69	30.3	132	41/59	29.3	136	41/59	29.4	136	41/59	30.3	132	39/61	31.0	129
	750	4500	31/69	34.3	131	28/72	33.8	133	37/63	33.7	134	37/63	33.7	133	37/63	34.6	130	35/65	35.4	127
	875	5000	28/72	38.9	129	25/75	38.4	130	34/66	37.5	133	34/66	37.6	133	34/66	38.5	130	32/68	39.2	127
	1000	5500	25/75	42.8	129	23/77	42.3	130	32/68	41.5	133	32/68	41.5	132	32/68	42.4	130	30/70	43.2	127
	1250	6500	21/79	51.0	128	19/81	50.5	129	—	—	—	—	—	—	—	—	—	—	—	—
500	250	3000	62/38	25.1	120	56/44	24.4	123	69/31	22.8	132	69/31	22.9	131	69/31	24.1	125	64/36	25.1	119
	375	3500	53/47	28.0	125	48/52	27.3	128	60/40	25.8	136	60/40	25.9	135	60/40	27.1	129	56/44	28.2	124
	500	4000	46/54	31.3	128	42/58	30.6	131	53/47	29.2	137	53/47	29.2	137	53/47	30.5	131	50/50	31.5	127
	625	4500	41/59	34.7	130	37/63	34.0	132	48/52	32.7	138	48/52	32.7	137	48/52	34.0	132	45/55	35.0	129
	750	5000	37/63	38.3	131	33/67	37.6	133	44/56	37.0	135	44/56	37.1	135	44/56	38.3	131	41/59	39.4	127
	875	5500	34/66	42.8	128	30/70	42.1	131	40/60	40.8	135	40/60	40.9	134	40/60	42.1	131	38/62	43.2	127
	1000	6000	31/69	46.8	128	28/72	46.0	130	37/63	44.8	134	37/63	44.9	134	37/63	46.1	130	35/65	47.2	127
	1250	7000	27/73	54.9	127	24/76	54.2	129	—	—	—	—	—	—	—	—	—	—	—	—
625	250	3500	66/34	29.9	117	60/40	28.2	124	73/27	26.2	134	73/27	26.3	133	73/27	27.9	125	68/32	30.0	117
	375	4000	58/42	32.8	122	52/48	31.2	128	65/35	29.2	137	65/35	29.3	137	65/35	30.9	129	60/40	33.0	121
	500	4500	52/48	36.2	124	46/54	34.5	130	58/42	32.6	138	58/42	32.6	138	58/42	34.3	131	54/46	36.3	124
	625	5000	46/54	39.6	126	42/58	37.9	132	53/47	36.1	139	53/47	36.1	138	53/47	37.8	132	50/50	39.8	126
	750	5500	42/58	43.1	128	38/62	41.5	133	49/51	40.4	136	49/51	40.5	136	49/51	42.1	131	46/54	44.2	125
	875	6000	39/61	47.7	126	35/65	46.0	130	45/55	44.2	136	45/55	44.3	135	45/55	46.0	131	42/58	48.0	125
	1000	6500	36/64	51.6	126	32/68	49.9	130	42/58	48.2	135	42/58	48.3	135	42/58	49.9	130	39/61	52.0	125
	1250	7500	31/69	59.8	126	28/72	58.1	129	—	—	—	—	—	—	—	—	—	—	—	—
750	250	4000	70/30	34.3	117	62/38	33.1	121	77/23	30.5	131	77/23	30.6	131	77/23	32.7	122	71/29	34.4	116
	375	4500	62/38	37.3	121	56/44	36.1	125	69/31	33.5	134	69/31	33.6	134	69/31	35.7	126	64/36	37.4	120
	500	5000	56/44	40.6	123	50/50	39.4	127	62/38	36.8	136	62/38	37.0	135	62/38	39.1	128	58/42	40.8	123
	625	5500	51/49	44.0	125	45/55	42.8	128	57/43	40.3	136	57/43	40.5	136	57/43	42.6	129	53/47	44.3	124
	750	6000	46/54	47.5	126	42/58	46.4	129	53/47	44.7	134	53/47	44.8	134	53/47	46.9	128	50/50	48.6	123
	875	6500	43/57	52.1	125	38/62	50.9	128	49/51	48.5	134	49/51	48.6	134	49/51	50.8	128	46/54	52.4	124
	1000	7000	40/60	56.0	125	36/64	54.8	128	46/54	52.5	133	46/54	52.6	133	46/54	54.7	128	43/57	56.4	124
	1250	8000	35/65	64.2	125	31/69	63.0	127	—	—	—	—	—	—	—	—	—	—	—	—
875	250	4500	72/28	38.9	116	65/35	37.5	120	79/21	34.3	131	79/21	34.4	131	79/21	36.9	122	74/26	38.9	116
	375	5000	65/35	41.8	120	58/42	40.5	124	72/28	37.3	134	72/28	37.4	134	72/28	39.9	125	67/33	42.0	119
	500	5500	59/41	45.1	122	53/47	43.8	126	66/34	40.6	135	66/34	40.8	135	66/34	43.3	127	61/39	45.3	121
	625	6000	54/46	48.5	124	49/51	47.2	127	61/39	44.1	136	61/39	44.3	136	61/39	46.8	128	57/43	48.8	123
	750	6500	50/50	52.1	125	45/55	50.7	128	57/43	48.5	134	57/43	48.6	134	57/43	51.1	127	53/47	53.2	122
	875	7000	46/54	56.6	124	42/58	55.3	127	53/47	52.3	134	53/47	52.5	133	53/47	55.0	127	50/50	57.0	123
	1000	7500	43/57	60.6	124	39/61	59.2	127	50/50	56.3	133	50/50	56.4	133	50/50	58.9	127	47/53	61.0	123
	1250	8500	38/62	68.7	124	34/66	67.4	126	—	—	—	—	—	—	—	—	—	—	—	—
1000	250	5000	74/26	43.6	115	67/33	41.9	119	81/19	38.1	131	81/19	38.3	130	81/19	41.4	121	76/24	43.7	114
	375	5500	68/32	46.6	118	61/39	44.9	123	74/26	41.1	134	74/26	41.4	133	74/26	44.4	124	69/31	46.7	118
	500	6000	62/38	49.9	120	56/44	48.2	125	69/31	44.5	135	69/31	44.7	134	69/31	47.8	126	64/36	50.1	120
	625	6500	57/43	53.3	122	51/49	51.6	126	64/36	48.0	136	64/36	48.2	135	64/36	51.3	127	60/40	53.6	121
	750	7000	53/47	56.8	123	48/52	55.1	127	60/40	52.3	134	60/40	52.5	133	60/40	55.6	126	56/44	57.9	121
	875	7500	50/50	61.4	122	44/56	59.7	126	56/44	56.1	134	56/44	56.4	133	56/44	59.4	126	52/48	61.7	121
	1000	8000	46/54	65.3	123	42/58	63.6	126	53/47	60.1	133	53/47	60.3	133	53/47	63.4	126	50/50	65.7	122
	1250	9000	41/59	73.5	122	37/63	71.8	125	—	—	—	—	—	—	—	—	—	—	—	—

*Based on 3500K, 4' lengths. Lumen Multipliers: Delivered lumens may vary +/- 5%. Actual wattage may vary +/- 5%.

Focal Point provides broad flexibility through compatibility with a wide range of indoor lighting control systems. A variety of sensors, nodes, controllers, and drivers can be specified to scale the system and meet the needs of each application across both wired and wireless networks.

Features such as daylight harvesting, occupancy sensing, dimming, and switching help save energy, reduce costs, and enhance occupant comfort. All Connected Solutions luminaires require a compatible building control system.

Controls systems supplied by others. For performance data and additional control system details, please visit the connected solutions manufacturers websites.

Connected Solution	Ordering Code	Model #	Protocol	Compatible Networks (Not all compatible networks may be listed.)	Description	Occupancy & Daylight	Communication to Luminaire	Drivers (Primary drivers are listed in bold . To specify a particular driver please consult factory.)	Driver Type
WATTSTOPPER [®]									
	WSPC	EN-ZBHA-CLM-DIM	ZigBee	Wattstopper PLUS	Node	Enabled†	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	WSPS	EN-CLM-PIR-DD-ZB	ZigBee	Wattstopper PLUS	Sensor	Integrated*	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Sensor	Integrated*	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify	0-10V
	NXE1	NXFM2-LV	NX	NX Distributed Intelligence	Controller	Enabled†	Wired	Optotronic by eldoLED	0-10V
	LAW1	A-WN-D01-RF-WH	Clear Connect	Athena Wireless	Node	Enabled†	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	LAWS	A-WN-D01-OCC-WH	Clear Connect	Athena Wireless	Sensor	Integrated*	Wireless	Advance by Signify	0-10V standard, consult factory for DALI
	NLT1	nEPS-60-IO	nLight	nLight	Controller	Enabled†	Wired	eldoLED ECOdrive, eldoLED SOLOdrive	0-10V

†Enabled: Luminaire supplied with a node/controller. Sensor to be provided by others.

*Integrated: Luminaire supplied with an installed sensor.

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



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 Compliant¹; Copper; Polymethyl methacrylate; Steel; Poly[imino(1,6-dioxo-1,6-hexanedyl)imino-1,6-hexanedyl]; **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

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

<input type="checkbox"/> LBC Red List Free	% Disclosed: 100% at 100ppm
<input type="checkbox"/> LBC Red List Approved	VOC Content: Not Applicable
<input checked="" type="checkbox"/> Declared	

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

FPL-0003
 EXP. 01 FEB 2027
 Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
 INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Ordering Guide



Bidirectional 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.

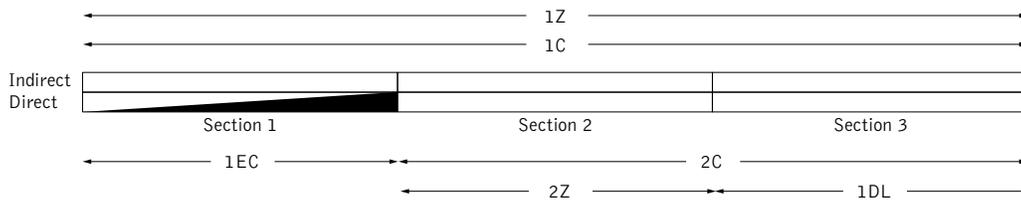
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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
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-FL-625UP-125DN-35K- **2C2Z1DL** -UNV-LD1-C24- **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



FOCAL POINT®

TOTAL RUN LENGTH: _____		JOB NAME: _____				FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			EM
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			
						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							
Totals / Ordering Codes									

WORKSHEET

Combine to create Circuits & Zones ordering code Enter as individual Factory Options

RUN CHART

Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths	Run length (ft)	Housing Configuration Section Lengths
9	5 + 4	21	8 + 8 + 5	33	8 + 8 + 8 + 5 + 4	45	8 + 8 + 8 + 8 + 8 + 5
10	6 + 4	22	8 + 8 + 6	34	8 + 8 + 8 + 6 + 4	46	8 + 8 + 8 + 8 + 8 + 6
11	7 + 4	23	8 + 8 + 7	35	8 + 8 + 8 + 7 + 4	47	8 + 8 + 8 + 8 + 8 + 7
12	8 + 4	24	8 + 8 + 8	36	8 + 8 + 8 + 8 + 4	48	8 + 8 + 8 + 8 + 8 + 8
13	8 + 5	25	8 + 8 + 5 + 4	37	8 + 8 + 8 + 8 + 5		
14	8 + 6	26	8 + 8 + 6 + 4	38	8 + 8 + 8 + 8 + 6		
15	8 + 7	27	8 + 8 + 7 + 4	39	8 + 8 + 8 + 8 + 7		
16	8 + 8	28	8 + 8 + 8 + 4	40	8 + 8 + 8 + 8 + 8		
17	8 + 5 + 4	29	8 + 8 + 8 + 5	41	8 + 8 + 8 + 8 + 5 + 4		
18	8 + 6 + 4	30	8 + 8 + 8 + 6	42	8 + 8 + 8 + 8 + 6 + 4		
19	8 + 7 + 4	31	8 + 8 + 8 + 7	43	8 + 8 + 8 + 8 + 7 + 4		
20	8 + 8 + 4	32	8 + 8 + 8 + 8	44	8 + 8 + 8 + 8 + 8 + 4		

Standard run configurations, consult factory for custom configurations.