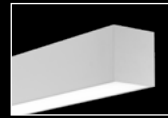
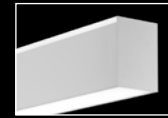


# Seem® 4

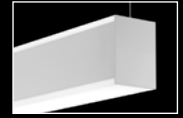
LED DIRECT/INDIRECT WALL MOUNT



flush lens  
top & bottom



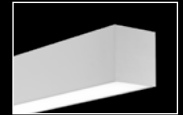
0.5" pop-up lens /  
flush lens bottom



linear suspended  
companion



The Naturals collection - Light Oak shown

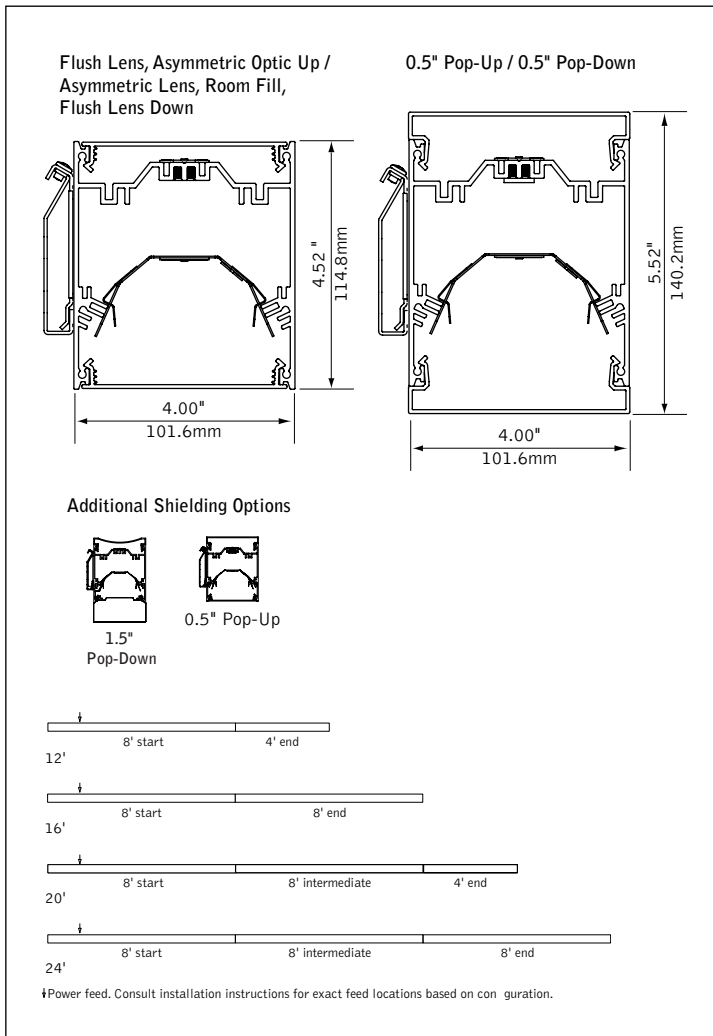


direct only  
companion



wall to ceiling  
corner companion

## DIMENSIONAL DATA



## FEATURES

Narrow extruded aluminum 4" direct/indirect wall mount LED 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.

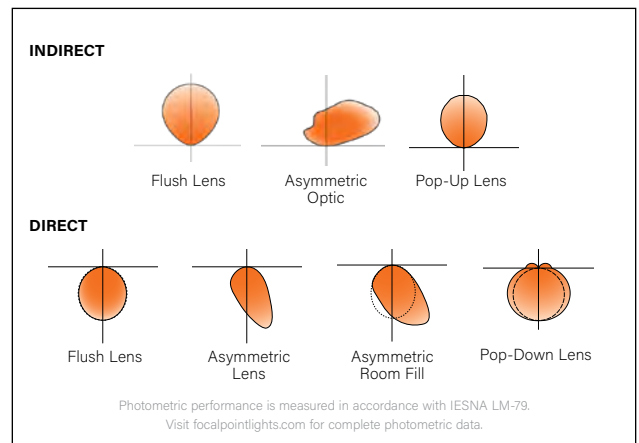
Choice of output levels and light distributions to meet a wide variety of application needs.

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

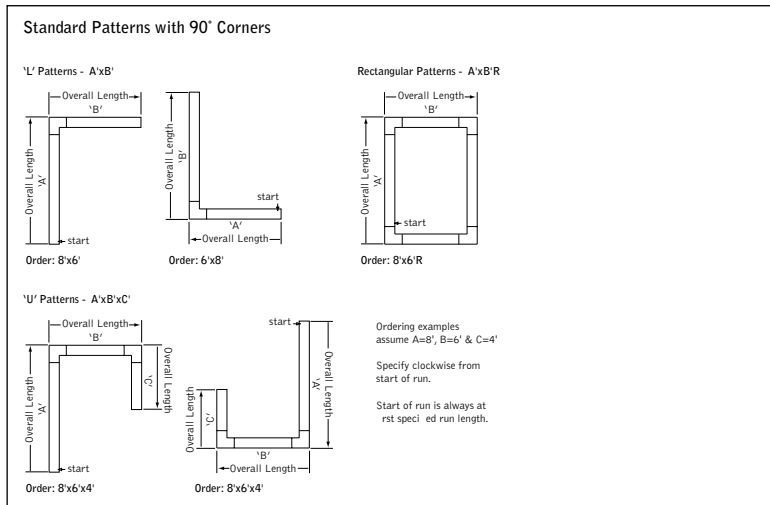
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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

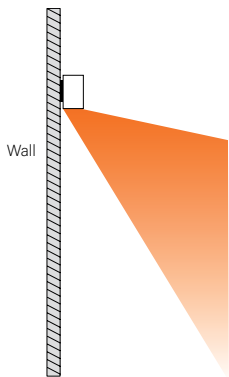
## PERFORMANCE



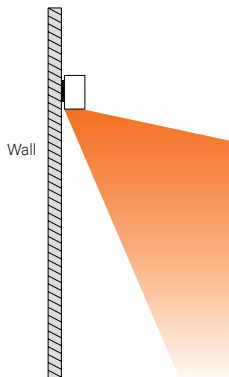
**DETAILS**



**DIRECT ASYMMETRIC**  
Standard Application Example



**DIRECT ASYMMETRIC ROOM FILL**  
Standard Application Example



**Asymmetric Room Fill Lens**  
The asymmetric room fill optic projects light into the space to evenly illuminate horizontal planes. It is ideal to light rooms and corridors from the perimeter, resulting in superior efficacy and uniformity on the floor.

**STANDARD WHITE**

**Luminaire Series**

**FSM4BW**

Seem 4 Direct/Indirect LED FSM4BW

**Shielding**

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

**Indirect/Top Shielding Options**

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

**Direct/Bottom Shielding Options**

- Asymmetric Lens AS
- Asymmetric Room Fill AF
- Flush Lens Bottom FL
- 0.5" Pop-Down Bottom PD05

**Direct Distribution**

- 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

\*(Not available with Pop Down Lens)

**Indirect Distribution**

- 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

\*(Not available with Pop-Up or Pop-Down Lenses)

**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

**Voltage**

- 120/277 UNV Volt UNV
- Low Voltage LV

**Control System & Dimming Level**

- 0-10V - 10% Dimming LD1
- 0-10V - 1% Dimming L11
- Low Voltage, PoE compatible LVN

(No driver. Not available with EM or EC. LV Voltage only.)

- Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming LH1
- DALI - 1% Dimming D11

(625 lumens per foot max.)

**Mounting**

- Wall Mount WM

**Factory Options**

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

- 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 Length**

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

- Specify luminaire/row length in 1' increments X'

(Smaller increments available. Consult factory.)

**Pattern Options**

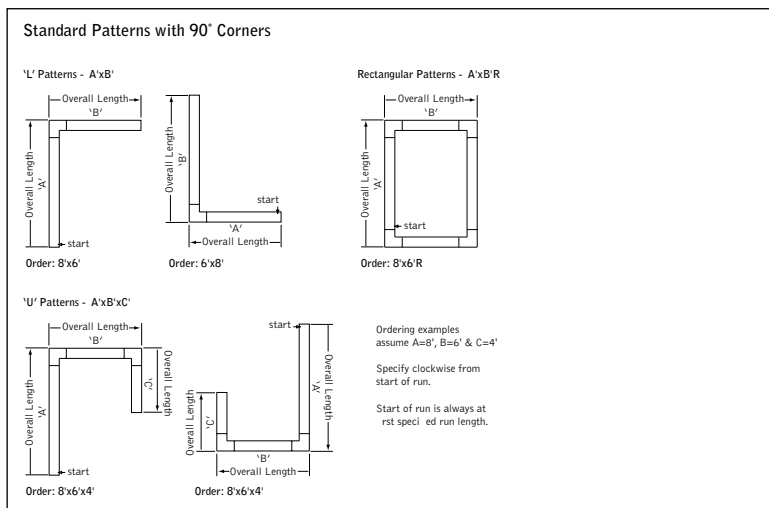
- 'L' pattern (5' minimum length) A' x B'
- 'U' pattern (7' minimum length) A' x B' x C'
- Rectangular pattern (7' minimum length) A' x B'R

(Consult factory for other pattern options)



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

**DETAILS**



**SPECIFICATIONS**

**LED System**

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 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**

One piece extruded aluminum housing. Die cast aluminum end caps.  
3' unit weight: 14.5lbs., 4' unit weight: 19lbs., 5' unit weight: 25lbs.

**Optic**

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" thick with satin finish, up to 8' continuous.

**Electrical**

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Dimming range 100% to 10%. Power factor > .9. 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: 14.12ft

**Labels**

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

**Finish**

Polyster 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 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 **FSM4BW**

**Shielding**

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

**Indirect/Top Shielding Options** | Flush Lens FL  
0.5" Pop-Up Lens PU

**Direct/Bottom Shielding Options** | Flush Lens Bottom FL  
0.5" Pop-Down Bottom PD05

**Direct Distribution**

275 Lumens per foot 275DN  
(4' min with FLFL or 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

\*(Not available with Pop Down Lens)

**Indirect Distribution**

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

(Not available with Pop-Up or Pop-Down lenses)

**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**

Wall Mount WM

**Factory Options**

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

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 Length**

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

Specify luminaire/row length in 1' increments X'

(Smaller increments available. Consult factory.)

**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		FLAS		FLAF		FLFL		PUAS		PUAF		PUFL		ASPD05		FLPD05		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	Tested System Watts†	LPW	Tested System Watts†	LPW	Tested System Watts†	LPW
																																
275DN	275	50%	50/50	2200	16.0	137	16.1	136	16.6	132	16.6	132	16.7	131	17.2	128	17.8	123	17.9	123	18.4	119	18.6	118	19.2	115	20.4	108				
	375	42%	42/58	2600	18.1	144	18.2	143	18.7	139	18.9	138	19.0	137	19.5	133	20.9	124	21.0	124	21.5	121	20.6	126	21.5	121	23.5	111				
	625	31%	31/69	3600	24.6	146	24.7	146	25.2	143	26.0	138	26.2	138	26.7	135	29.5	122	29.7	121	30.2	119	27.2	132	28.6	126	32.1	112				
	875	24%	24/76	4600	31.3	147	31.4	146	31.9	144	33.4	138	33.5	137	34.0	135	38.4	120	38.5	119	39.0	118	33.9	136	36.0	128	41.0	112				
	1000	22%	22/78	5100	34.7	147	34.9	146	35.4	144	37.2	137	37.3	137	37.8	135	43.0	119	43.1	118	43.6	117	37.3	137	39.7	128	45.6	112				
	1125	20%	20/80	5600	38.3	146	38.4	146	38.9	144	41.1	136	41.2	136	41.7	134	—	—	—	—	—	—	40.9	137	43.7	128	—	—				
	1250	18%	18/82	6100	41.9	146	42.0	145	42.5	144	45.0	136	45.2	135	45.6	134	—	—	—	—	—	—	44.5	137	47.6	128	—	—				
375DN	275	58%	58/42	2600	18.4	141	18.5	140	19.2	135	19.0	137	19.2	136	19.8	131	20.2	129	20.4	128	21.0	124	22.2	117	22.9	114	24.1	108				
	375	50%	50/50	3000	20.4	147	20.6	146	21.3	141	21.3	141	21.4	140	22.1	136	23.3	129	23.5	128	24.1	124	24.3	123	25.1	119	27.2	110				
	625	38%	38/62	4000	27.0	148	27.1	147	27.8	144	28.4	141	28.6	140	29.2	137	31.9	125	32.1	125	32.7	122	30.9	130	32.3	124	35.8	112				
	875	30%	30/70	5000	33.7	148	33.8	148	34.5	145	35.8	140	35.9	139	36.6	137	40.8	123	41.0	122	41.6	120	37.5	133	39.6	126	44.7	112				
	1000	27%	27/73	5500	37.1	148	37.3	148	37.9	145	39.5	139	39.7	139	40.3	136	45.4	121	45.5	121	46.2	119	41.0	134	43.4	127	49.2	112				
	1125	25%	25/75	6000	40.7	148	40.8	147	41.5	145	43.5	138	43.6	138	44.3	135	—	—	—	—	—	—	44.5	135	47.3	127	—	—				
	1250	23%	23/77	6500	44.3	147	44.4	146	45.1	144	47.4	137	47.5	137	48.2	135	—	—	—	—	—	—	48.1	135	51.2	127	—	—				
625DN	275	69%	69/31	3600	25.8	139	26.1	138	27.2	132	26.4	136	26.7	135	27.8	129	27.6	130	27.9	129	29.0	124	32.5	111	33.1	109	34.3	105				
	375	63%	63/37	4000	27.9	144	28.1	142	29.3	137	28.7	139	28.9	138	30.1	133	30.7	130	31.0	129	32.1	124	34.6	116	35.4	113	37.4	107				
	625	50%	50/50	5000	34.4	145	34.7	144	35.8	140	35.9	139	36.1	138	37.3	134	39.3	127	39.6	126	40.8	123	41.1	122	42.5	118	46.0	109				
	875	42%	42/58	6000	41.1	146	41.3	145	42.5	141	43.2	139	43.4	138	44.6	135	48.2	124	48.5	124	49.6	121	47.8	126	49.9	120	54.9	109				
	1000	38%	38/62	6500	44.5	146	44.8	145	45.9	141	47.0	138	47.2	138	48.4	134	52.8	123	53.1	123	54.2	120	51.2	127	53.6	121	59.5	109				
	1125	36%	36/64	7000	48.1	146	48.3	145	49.5	141	50.9	138	51.1	137	52.3	134	—	—	—	—	—	—	54.8	128	57.6	122	—	—				
	1250	33%	33/67	7500	51.7	145	51.9	144	53.1	141	54.8	137	55.0	136	56.2	133	—	—	—	—	—	—	58.4	128	61.5	122	—	—				
875DN	275	76%	76/24	4600	33.4	138	33.8	136	35.4	130	34.1	135	34.4	134	36.1	128	35.3	130	35.6	129	37.3	123	43.2	106	43.8	105	45.0	102				
	375	70%	70/30	5000	35.5	141	35.9	139	37.5	133	36.3	138	36.7	136	38.3	130	38.4	130	38.7	129	40.4	124	45.3	110	46.1	108	48.1	104				
	625	58%	58/42	6000	42.0	143	42.4	142	44.1	136	43.5	138	43.8	137	45.5	132	47.0	128	47.3	127	49.0	122	51.8	116	53.3	113	56.8	106				
	875	50%	50/50	7000	48.7	144	49.1	143	50.7	138	50.8	138	51.2	137	52.8	133	55.9	125	56.2	125	57.9	121	58.5	120	60.6	116	65.6	107				
	1000	47%	47/53	7500	52.2	144	52.5	143	54.2	138	54.6	137	54.9	137	56.6	133	60.4	124	60.8	123	62.4	120	61.9	121	64.4	117	70.2	107				
	1125	44%	44/56	8000	55.7	144	56.1	143	57.7	139	58.5	137	58.9	136	60.5	132	—	—	—	—	—	—	65.5	122	68.3	117	—	—				
	1250	41%	41/59	8500	59.3	143	59.7	142	61.3	139	62.4	136	62.8	135	64.4	132	—	—	—	—	—	—	69.1	123	72.2	118	—	—				
1000DN	275	78%	78/22	5100	37.4	136	37.8	135	39.7	128	38.0	134	38.4	133	40.4	126	39.2	130	39.6	129	41.6	123	—	—	—	—	—	—				
	375	73%	73/27	5500	39.4	139	39.8	138	41.8	132	40.3	137	40.7	135	42.6	129	42.3	130	42.7	129	44.7	123	—	—	—	—	—	—				
	625	62%	62/38	6500	46.0	141	46.4	140	48.4	134	47.4	137	47.8	136	49.8	131	50.9	128	51.3	127	53.3	122	—	—	—	—	—	—				
	875	53%	53/47	7500	52.7	142	53.1	141	55.0	136	54.7	137	55.1	136	57.1	131	59.8	125	60.2	125	62.2	121	—	—	—	—	—	—				
	1000	50%	50/50	8000	56.1	143	56.5	142	58.5	137	58.5	137	58.9	136	60.9	131	64.4	124	64.8	124	66.7	120	—	—	—	—	—	—				
	1125	47%	47/53	8500	59.6	143	60.1	142	62.0	137	62.5	136	62.9	135	64.8	131	—	—	—	—	—	—	—	—	—	—	—	—				
	1250	44%	44/56	9000	63.3	142	63.7	141	65.6	137	66.3	136	66.7	135	68.7	131	—	—	—	—	—	—	—	—	—	—	—	—				
1125DN	275	80%	80/20	5600	41.5	135	41.9	134	44.2	127	42.1	133	42.6	132	44.8	125	43.3	129	43.8	128	46.0	122	—	—	—	—	—	—				
	375	75%	75/25	6000	43.5	138	44.0	136	46.3	130	44.4	135	44.8	134	47.1	127	46.4	129	46.9	128	49.1	122	—	—	—	—	—	—				
	625	64%	64/36	7000	50.1	140	50.5	138	52.8	133	51.5	136	52.0	135	54.2	129	55.0	127	55.5	126	57.7	121	—	—	—	—	—	—				
	875	56%	56/44	8000	56.8	141	57.2	140	59.5	135	58.8	136	59.3	135	61.6	130	63.9	125	64.4	124	66.6	120	—	—	—	—	—	—				
	1000	53%	53/47	8500	60.2	141	60.7	140	62.9	135	62.6	136	63.1	135	65.3	130	68.5	124	68.9	123	71.2	119	—	—	—	—	—	—				
	1125	50%	50/50	9000	63.7	141	64.2	140	66.5	135	66.6	135	67.0	134	69.3	130	—	—	—	—	—	—	—	—	—	—	—	—				
	1250	47%	47/53	9500	67.4	141	67.8	140	70.1	136	70.4	135	70.9	134	73.2	130	—	—	—	—	—	—	—	—	—	—	—	—				
1250DN	275	82%	82/18	6100	45.6	134	46.2	132	48.7	125	46.2	132	46.8	130	49.4	124	47.4	129	48.0	127	50.6											

**TW 4' PERFORMANCE CHART**

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Nominal Lumens	Lumens Per Watt (LPW)				Lumens Per Watt (LPW)			
				FLFL		PUFL		FLPD05		PUPD05	
				Tested System Watts <sup>1</sup>		Tested System Watts <sup>1</sup>		Tested System Watts <sup>1</sup>		Tested System Watts <sup>1</sup>	
275	275	50/50	2200	20.4	108	21.9	101	22.8	97	24.2	91
	375	42/58	2600	23.7	110	26.2	99	26.0	100	28.6	91
	625	31/69	3600	33.1	109	37.5	96	35.4	102	39.9	90
	875	24/76	4600	42.8	107	49.5	93	45.2	102	51.8	89
	1000	22/78	5100	47.5	107	55.0	93	49.8	102	57.3	89
	1125	20/80	5600	52.5	107	—	—	54.8	102	—	—
375	1250	18/82	6100	57.5	106	—	—	59.8	104	—	—
	275	58/42	2600	24.1	108	25.6	102	27.9	93	29.4	89
	375	50/50	3000	27.4	109	29.9	100	31.2	96	33.7	89
	625	38/62	4000	36.8	109	41.2	97	40.6	99	45.0	89
	875	30/70	5000	46.5	107	53.2	94	50.3	99	57.0	88
	1000	27/73	5500	51.2	108	58.7	94	54.9	100	62.5	88
625	1125	25/75	6000	56.2	107	—	—	60.0	100	—	—
	1250	23/77	6500	61.2	106	—	—	65.0	102	—	—
	275	69/31	3600	34.6	104	36.1	100	41.4	87	42.8	84
	375	63/37	4000	37.9	106	40.4	99	44.6	90	47.2	85
	625	50/50	5000	47.2	106	51.7	97	54.0	93	58.5	86
	875	42/58	6000	57.0	105	63.6	94	63.8	94	70.4	85
875	1000	38/62	6500	61.6	105	69.2	94	68.4	95	75.9	86
	1125	36/64	7000	66.7	105	—	—	73.4	95	—	—
	1250	33/67	7500	71.6	105	—	—	78.4	96	—	—
	275	76/24	4600	45.6	101	47.0	98	55.7	83	57.2	80
	375	70/30	5000	48.9	102	51.4	97	59.0	85	61.5	81
	625	58/42	6000	58.2	103	62.7	96	68.4	88	72.8	82
1000	875	50/50	7000	68.0	103	74.6	94	78.1	90	84.8	83
	1000	47/53	7500	72.6	103	80.2	94	82.8	91	90.3	83
	1125	44/56	8000	77.7	103	—	—	87.8	91	—	—
	1250	41/59	8500	82.6	103	—	—	92.8	92	—	—
	275	78/22	5100	50.9	100	52.3	98	—	—	—	—
	375	73/27	5500	54.1	102	56.7	97	—	—	—	—
1125	625	62/38	6500	63.5	102	68.0	96	—	—	—	—
	875	53/47	7500	73.3	102	79.9	94	—	—	—	—
	1000	50/50	8000	77.9	103	85.4	94	—	—	—	—
	1125	47/53	8500	82.9	103	—	—	—	—	—	—
	1250	44/56	9000	87.9	102	—	—	—	—	—	—
	275	80/20	5600	56.6	99	58.0	97	—	—	—	—
1250	375	75/25	6000	59.8	100	62.3	96	—	—	—	—
	625	64/36	7000	69.2	101	73.7	95	—	—	—	—
	875	56/44	8000	79.0	101	85.6	93	—	—	—	—
	1000	53/47	8500	83.6	102	91.1	93	—	—	—	—
	1125	50/50	9000	88.6	102	—	—	—	—	—	—
	1250	47/53	9500	93.6	102	—	—	—	—	—	—
1250	275	90/10	6100	62.4	98	63.8	96	—	—	—	—
	375	85/15	6500	65.6	99	68.2	95	—	—	—	—
	625	73/27	7500	75.0	100	79.5	94	—	—	—	—
	875	65/35	8500	84.8	100	91.4	93	—	—	—	—
	1000	61/39	9000	89.4	101	96.9	93	—	—	—	—
	1125	58/42	9500	94.4	101	—	—	—	—	—	—
1250	55/45	10000	99.4	101	—	—	—	—	—	—	

**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

<sup>1</sup>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%

# Finishes

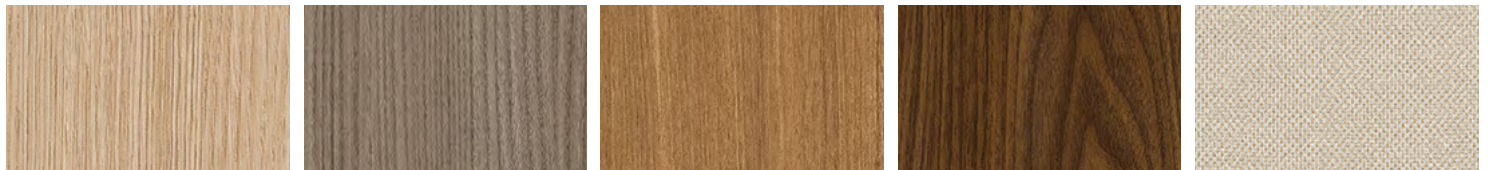


## STANDARD FINISHES



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 Compliant<sup>1</sup>; Copper; Polymethyl methacrylate; Steel; Poly[imino(1,6-dioxo-1,6-hexanediy)imino-1,6-hexanediy]; 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

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components

**Living Building Challenge Criteria:**

**I-13 Red List:**

LBC Red List Free      % Disclosed: 100% at 100ppm  
 LBC Red List Approved      VOC Content: Not Applicable  
 Declared

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

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