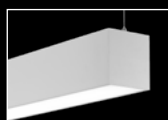
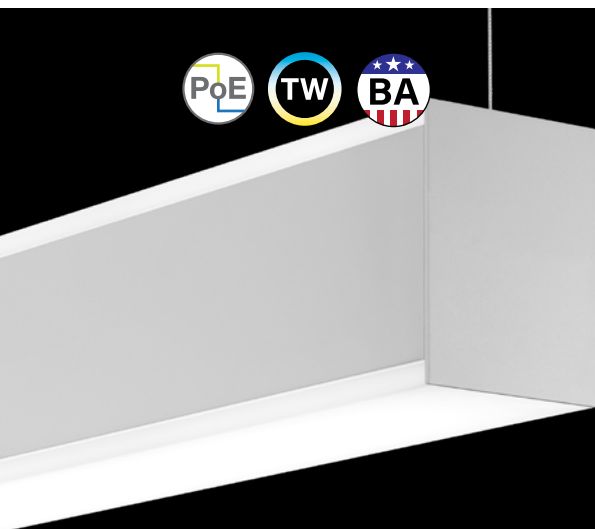
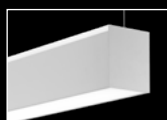


Seem® 4

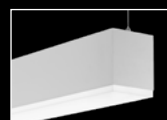
LED DIRECT/INDIRECT



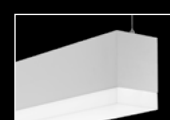
flush lens
top & bottom



0.5" pop-up lens /
flush lens bottom



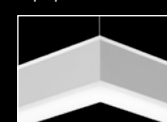
Batwing / 0.5"
pop-down lens



Batwing / 1.5"
pop-down lens



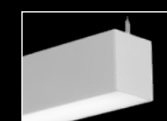
The Naturals collection - Light Oak shown



single point corner
suspension



wall mount
companion

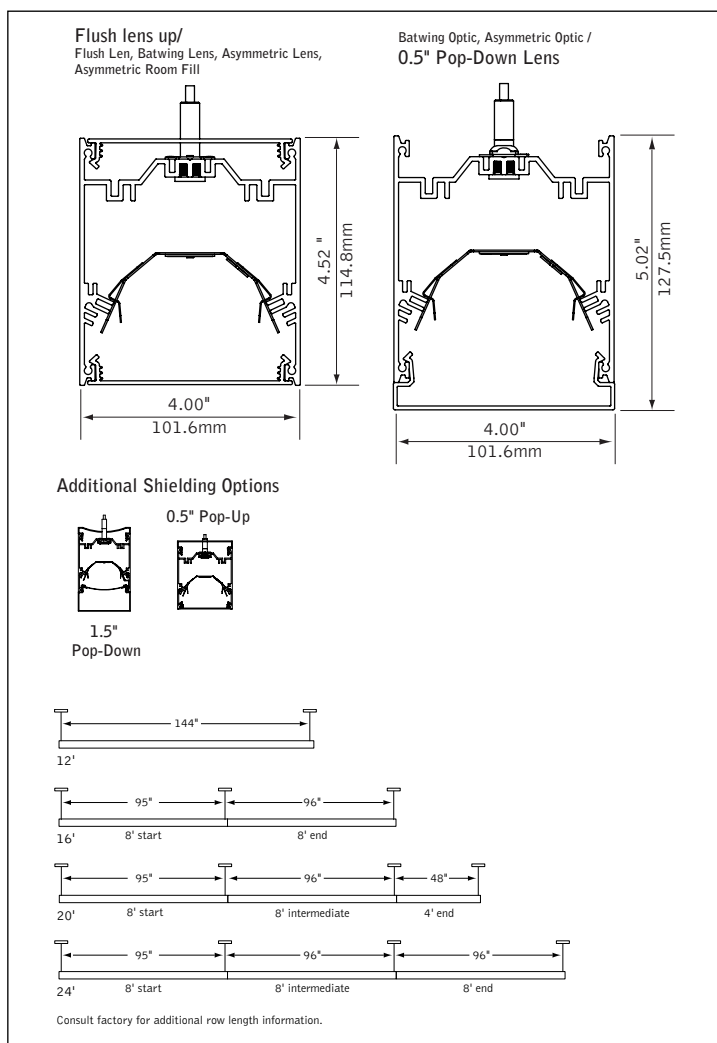


linear direct only
companion



wall to ceiling
corner companion

DIMENSIONAL DATA



FEATURES

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

Individual units and continuous runs in 1' increments.

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

LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

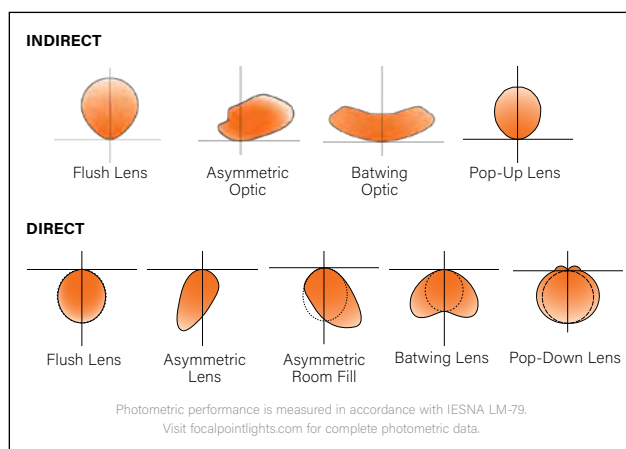
Choice of output levels and light distributions to meet a wide variety of application needs.

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

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

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

DISTRIBUTIONS



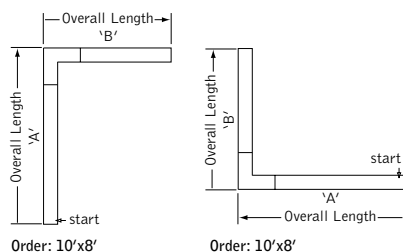
fixture:

project:

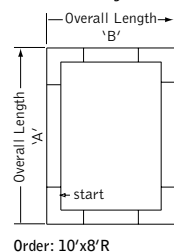
DETAILS

Standard Patterns with 90° Corners

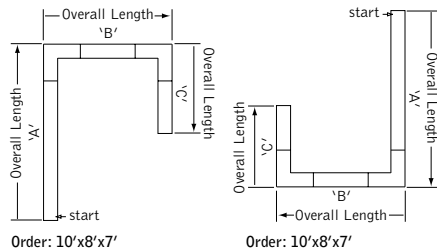
'L' Patterns - A'xB' (5' minimum length)



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



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

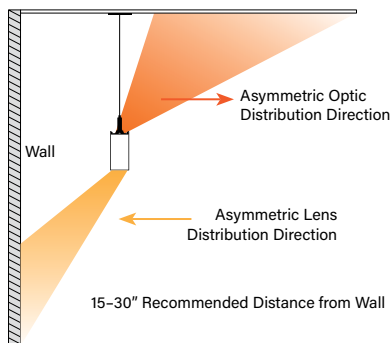


Ordering examples
assume A=10', B=8' & C=7'

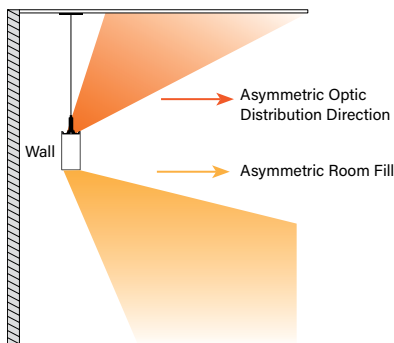
Specify clockwise from
start of run.

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



STANDARD WHITE

Luminaire Series

Seem 4 Direct/Indirect LED

FSM4BS

Shielding

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

Indirect/Top
Shielding Options

Asymmetric Optic

Batwing Optic

Flush Lens

0.5" Pop-Up Lens

AS

BW

FL

PU

Direct/Bottom
Shielding Options

Asymmetric Lens

Asymmetric Room Fill

Batwing Lens Bottom

(Asymmetric Optic not available.)

Flush Lens Bottom

0.5" Pop-Down Bottom

1.5" Pop-Down Bottom

(3' - 12' individual lengths only.

Not available with Pop-Up lens.)

AS

AF

BW

FL

PD05

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.)

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

X'

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

See Run Chart (page 4) for ordering codes. Smaller increments

available, consult factory for details. Leave blank for patterns.)

Pattern Options

'L' pattern (5' minimum length)

A' x B'

'U' pattern (7' minimum length)

A' x B' x C'

Rectangular pattern (7' minimum length)

A' x B'R

(Consult factory for other pattern options)



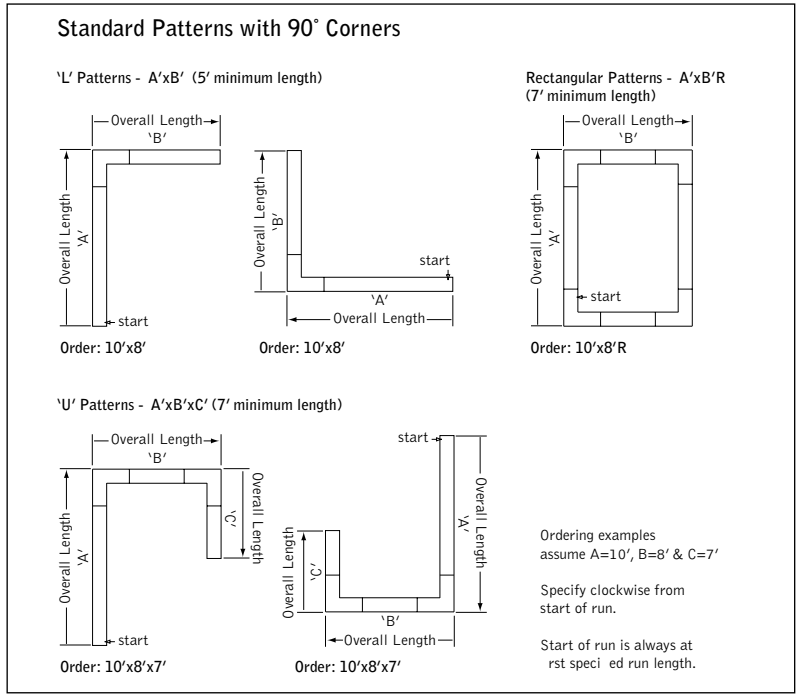
10 DAY*

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

fixture:

project:

DETAILS



SPECIFICATIONS

LED System

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 2700K, 3000K, 3500K or 4000K with >80 or 90 CRI, 3 SDCM or Tunable White (2700K-6500K), CRI>80, >90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below.

Construction

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

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .085" thick with satin finish, up to 12' continuous.

Electrical

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Dimming range 100% to 10%. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires. PoE runs require an independent PoE node and power feed for each luminaire section.

Emergency Battery

Bodine BSL310LP. Emergency output - 10 watts for 90 minutes. Maximum mounting height: Flush Lens - 20.18ft. Maximum mounting height: Pop-Down Lens - 15.54ft

Labels

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

Finish

Polyester powder coat applied over a multi-stage pre-treatment. Canopy and cord white as standard. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

Reported: L70 at >61,000 hours Calculated: L70 at 395,000 hours
Reported: L90 at >61,000 hours Calculated: L90 at 100,000 hours
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

Reliability

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

Warranty

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



TUNABLE WHITE

Luminaire Series

Seem 4 Direct/Indirect LED FSM4BS

Shielding

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

Indirect/Top Shielding Options Batwing Optic
Flush Lens
0.5" Pop-Up Lens

BW
FL
PU

Direct/Bottom Shielding Options Batwing Lens Bottom
Flush Lens Bottom
0.5" Pop-Down Bottom
1.5" Pop-Down Bottom

BW
FL
PD05
PD15

(3' - 8' individual lengths only. Not available with Pop-Up lens.)

Direct Distribution

(875 Lumens per foot maximum for xxPD05 & xxPD15)

275 Lumens per foot

275DN

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

375 Lumens per foot

375DN

625 Lumens per foot

625DN

875 Lumens per foot

875DN

1000 Lumens per foot

1000DN

1125 Lumens per foot

1125DN

Indirect Distribution

(1000 Lumens per foot maximum for PUxx.)

275 Lumens per foot

275UP

(4' min with D1TW & Batwing Indirect Optic.)

375 Lumens per foot

375UP

625 Lumens per foot

625UP

875 Lumens per foot

875UP

1000 Lumens per foot

1000UP

1125 Lumens per foot

1125UP

Color Temperature

Tunable White: 2700-6500K, 80+ CRI

2765T

Tunable White: 2700-6500K, 90+ CRI

92765T

Circuits & Zones

1 Circuit, non-emergency

1C

2 non-emergency circuits provide independent control of Direct and Indirect sources

2C

Consult Ordering Guide for multiple circuiting and zoning options

_C_Z_DL

Voltage

120/277 UNV Volt

UNV

Control System & Dimming Level

DALI - 1% Dimming

D1TW

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

Mounting

24" Cable Suspension

C24_

48" Cable Suspension

C48_

96" Cable Suspension

C96_

(Specify canopy color; see finishes page for options.

Example: White = 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

[†](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.)

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/Indirect)	Total Nominal Lumens	Tested System Watts†	Lumens Per Watt (LPW)							Tested System Watts†	Lumens Per Watt (LPW)			
																
275DN	275	50/50	2200	18.2	137	136	132	138	137	135	133	21.2	118	113	119	114
	375	42/58	2600	20.8	144	143	139	145	144	142	140	23.8	126	121	127	122
	625	31/69	3600	27.9	146	146	143	148	148	146	145	30.9	132	128	134	130
	875	24/76	4600	36.0	147	146	144	149	149	148	146	39.0	136	133	138	134
	1000	22/78	5100	40.0	147	146	144	149	149	148	147	43.0	137	134	139	136
	1125	20/80	5600	44.0	146	146	144	149	149	148	147	47.0	137	134	139	137
	1250	18/82	6100	46.9	135	135	133	135	135	134	134	49.9	128	126	142	126
375DN	275	58/42	2600	21.2	141	140	135	142	141	139	136	25.4	117	111	117	112
	375	50/50	3000	23.8	147	146	141	147	146	144	142	28.0	123	118	124	118
	625	38/62	4000	30.9	148	147	144	150	149	148	146	35.1	130	125	131	126
	875	30/70	5000	39.0	146	148	145	151	150	149	147	43.2	133	129	135	131
	1000	27/73	5500	43.0	148	148	145	151	150	149	147	47.1	134	131	136	133
	1125	25/75	6000	47.0	148	147	145	150	150	149	147	51.2	135	131	137	134
	1250	23/77	6500	49.9	137	136	134	137	137	136	135	54.1	126	124	139	124
625DN	275	69/31	3600	30.1	139	138	132	140	138	136	133	38.5	111	104	111	105
	375	63/37	4000	32.6	144	142	137	144	143	140	137	41.1	116	109	116	110
	625	50/50	5000	39.8	145	144	140	147	146	143	141	48.2	122	116	123	117
	875	42/58	6000	47.8	146	145	141	148	147	145	143	56.3	126	120	127	122
	1000	38/62	6500	51.8	146	145	141	148	147	145	143	60.2	127	122	128	124
	1125	36/64	7000	55.9	146	145	141	148	147	145	143	64.3	128	123	129	125
	1250	33/67	7500	58.8	136	136	133	137	136	135	133	67.2	122	118	132	118
875DN	275	76/24	4600	39.1	138	136	130	138	136	133	130	49.3	106	133	107	100
	375	70/30	5000	41.7	141	139	133	141	140	137	134	51.9	110	137	111	104
	625	58/42	6000	48.8	143	142	136	144	143	140	137	59.0	116	139	117	110
	875	50/50	7000	56.9	144	143	138	145	144	142	139	67.1	120	141	121	115
	1000	47/53	7500	60.8	144	143	138	145	144	142	140	71.0	121	141	122	117
	1125	44/56	8000	64.9	144	143	139	145	144	142	140	75.1	122	141	123	118
	1250	41/59	8500	67.8	136	135	132	136	135	134	132	78.0	123	141	124	119
1000DN	275	78/22	5100	43.7	136	135	128	137	135	132	129	—	—	—	—	—
	375	73/27	5500	46.2	138	138	132	140	138	135	132	—	—	—	—	—
	625	62/38	6500	53.4	140	140	134	142	141	139	135	—	—	—	—	—
	875	53/47	7500	61.4	141	141	136	144	143	140	138	—	—	—	—	—
	1000	50/50	8000	65.4	141	142	137	144	143	141	138	—	—	—	—	—
	1125	47/53	8500	69.5	141	142	137	144	143	141	139	—	—	—	—	—
	1250	44/56	9000	72.4	135	134	131	135	135	133	131	—	—	—	—	—
1125DN	275	80/20	5600	48.3	135	134	127	135	134	131	127	—	—	—	—	—
	375	75/25	6000	50.9	138	136	130	138	137	134	130	—	—	—	—	—
	625	64/36	7000	58.0	140	138	133	141	139	137	133	—	—	—	—	—
	875	56/44	8000	66.0	141	140	135	142	141	139	136	—	—	—	—	—
	1000	53/47	8500	70.0	141	140	135	143	142	139	136	—	—	—	—	—
	1125	50/50	9000	74.1	141	140	135	143	142	140	137	—	—	—	—	—
	1250	47/53	9500	77.0	135	134	130	135	134	132	130	—	—	—	—	—
1250DN	275	82/18	6100	52.1	122	122	119	122	122	122	119	—	—	—	—	—
	375	77/23	6500	54.7	125	125	121	125	125	125	122	—	—	—	—	—
	625	67/33	7500	61.8	128	128	125	129	129	129	126	—	—	—	—	—
	875	59/41	8500	69.9	130	130	127	131	131	131	128	—	—	—	—	—
	1000	56/44	9000	73.8	131	131	128	132	132	132	129	—	—	—	—	—
	1125	53/47	9500	77.9	131	132	129	133	133	133	130	—	—	—	—	—
	1250	50/50	10000	80.8	126	126	124	127	127	127	124	—	—	—	—	—

*Based on 3500K, 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/Indirect)	Total Nominal Lumens	Tested System Watts†	Lumens Per Watt (LPW)								Tested System Watts†	Lumens Per Watt (LPW)		
																
275DN	275	50/50	2200	17.6	132	131	130	128	123	123	121	119	20.6	115	110	108
	375	42/58	2600	20.7	138	137	135	133	124	124	122	121	23.7	121	117	111
	625	31/69	3600	27.9	138	138	136	135	122	121	120	119	30.9	126	122	112
	875	24/76	4600	36.0	138	137	136	135	120	119	119	118	39.0	128	125	112
	1000	22/78	5100	40.0	137	137	136	135	119	118	118	117	43.0	128	126	112
	1125	20/80	5600	44.0	136	136	135	134	—	—	—	—	47.0	128	126	—
	1250	18/82	6100	47.2	135	135	138	134	—	—	—	—	50.2	131	129	—
375DN	275	58/42	2600	20.6	137	136	134	131	129	128	126	124	24.8	114	108	108
	375	50/50	3000	23.7	141	140	138	136	129	128	126	124	27.8	119	114	110
	625	38/62	4000	30.9	141	140	139	137	125	125	124	122	35.1	124	120	112
	875	30/70	5000	39.0	140	139	138	137	123	122	121	120	43.2	126	123	112
	1000	27/73	5500	43.0	139	139	138	136	121	121	120	119	47.1	127	124	112
	1125	25/75	6000	47.0	138	138	137	135	—	—	—	—	51.2	127	124	—
	1250	23/77	6500	50.2	137	137	139	135	—	—	—	—	54.4	129	126	—
625DN	275	69/31	3600	29.4	136	135	132	129	130	129	127	124	37.9	109	102	105
	375	63/37	4000	32.5	139	138	136	133	130	129	127	124	41.0	113	107	107
	625	50/50	5000	39.8	139	138	136	134	127	126	125	123	48.2	118	112	109
	875	42/58	6000	47.8	139	138	136	135	124	124	122	121	56.3	120	116	109
	1000	38/62	6500	51.8	138	138	136	134	123	123	121	120	60.2	121	117	109
	1125	36/64	7000	55.8	138	137	135	134	—	—	—	—	64.3	122	117	—
	1250	33/67	7500	59.1	137	136	137	133	—	—	—	—	67.5	122	120	—
875DN	275	76/24	4600	38.5	135	134	131	128	130	129	126	123	48.7	105	98	102
	375	70/30	5000	41.5	138	136	133	130	130	129	127	124	51.7	108	102	104
	625	58/42	6000	48.8	138	137	134	132	128	127	125	122	59.0	113	107	106
	875	50/50	7000	56.9	138	137	135	133	125	125	123	121	67.1	116	110	107
	1000	47/53	7500	60.8	137	137	135	133	124	123	122	120	71.0	117	111	107
	1125	44/56	8000	64.9	137	136	134	132	—	—	—	—	75.1	117	112	—
	1250	41/59	8500	68.1	136	135	136	132	—	—	—	—	78.3	118	113	—
1000DN	275	78/22	5100	43.0	134	133	130	126	130	129	126	123	—	—	—	—
	375	73/27	5500	46.1	137	135	132	129	130	129	126	123	—	—	—	—
	625	62/38	6500	53.4	137	136	133	131	128	127	125	122	—	—	—	—
	875	53/47	7500	61.4	137	136	134	131	125	125	123	121	—	—	—	—
	1000	50/50	8000	65.4	137	136	134	131	124	124	122	120	—	—	—	—
	1125	47/53	8500	69.4	136	135	133	131	—	—	—	—	—	—	—	—
	1250	44/56	9000	72.7	135	135	135	131	—	—	—	—	—	—	—	—
1125DN	275	80/20	5600	47.7	133	132	129	125	129	128	125	122	—	—	—	—
	375	75/25	6000	50.7	135	134	131	127	129	128	125	122	—	—	—	—
	625	64/36	7000	58.0	136	135	132	129	127	126	124	121	—	—	—	—
	875	56/44	8000	66.0	136	135	133	130	125	124	122	120	—	—	—	—
	1000	53/47	8500	70.0	136	135	133	130	124	123	122	119	—	—	—	—
	1125	50/50	9000	74.1	135	134	132	130	—	—	—	—	—	—	—	—
	1250	47/53	9500	77.3	135	134	134	130	—	—	—	—	—	—	—	—
1250DN	275	82/18	6100	51.6	135	121	121	117	118	118	118	114	—	—	—	—
	375	77/23	6500	54.6	136	123	123	120	119	119	119	115	—	—	—	—
	625	67/33	7500	61.9	137	125	125	122	118	118	118	115	—	—	—	—
	875	59/41	8500	70.0	137	126	126	123	118	118	118	115	—	—	—	—
	1000	56/44	9000	73.9	137	127	127	124	117	117	117	115	—	—	—	—
	1125	53/47	9500	78.0	136	127	127	124	—	—	—	—	—	—	—	—
	1250	50/50	10000	81.2	136	127	127	124	—	—	—	—	—	—	—	—

*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				Lumens Per Watt (LPW)												Lumens Per Watt (LPW)											
				BWBW		BWFL		FLBW		FLFL		PUBW		PUFL		BWPD05		BWPD15		FLPD05		FLPD15		PUPD05			
				Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]		Tested System Watts [†]			
275	275	50/50	2200	19.2	115	19.6	112	20.1	110	20.4	108	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	22.1	117	22.5	115	23.3	111	23.7	110	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	30.4	118	30.8	117	32.7	110	33.1	109	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	39.1	118	39.5	117	42.5	108	42.8	107	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	43.5	117	43.9	116	47.1	108	47.5	107	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	47.9	117	48.3	116	52.1	107	52.5	107	—	—	—	—	50.7	111	51.7	108	54.8	102	55.8	100	—	—		
	1250	18/82	6100	52.5	116	52.9	115	57.1	109	57.5	106	—	—	—	—	55.3	122	56.3	108	59.8	104	60.8	102	—	—		
375	275	58/42	2600	22.8	114	23.3	112	23.6	110	24.1	108	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	25.7	117	26.2	114	26.9	112	27.4	109	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	33.9	118	34.5	116	36.2	110	36.8	109	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	42.7	117	43.2	116	46.0	109	46.5	107	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	47.0	117	47.5	116	50.6	109	51.2	108	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	51.5	117	52.0	115	55.7	108	56.2	107	—	—	—	—	55.8	108	57.2	105	60.0	100	61.4	98	—	—		
	1250	23/77	6500	56.1	116	56.6	115	60.6	109	61.2	106	—	—	—	—	60.4	118	61.8	105	65.0	102	66.3	100	—	—		
625	275	69/31	3600	32.9	109	33.8	107	33.8	107	34.6	104	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	35.9	112	36.7	109	37.1	108	37.9	106	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	44.1	113	45.0	111	46.4	108	47.2	106	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	52.8	114	53.7	112	56.2	107	57.0	105	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	57.2	114	58.0	112	60.8	107	61.6	105	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	61.7	114	62.5	112	65.8	106	66.7	105	—	—	—	—	69.2	101	71.8	97	73.4	95	76.0	92	—	—		
	1250	33/67	7500	66.3	113	67.1	112	70.8	108	71.6	105	—	—	—	—	73.9	110	76.4	98	78.4	96	81.0	94	—	—		
875	275	76/24	4600	43.6	106	44.7	103	44.5	103	45.6	101	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	46.5	107	47.7	105	47.7	105	48.9	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	54.8	110	55.9	107	57.1	105	58.2	103	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	63.5	110	64.6	108	66.9	105	68.0	103	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	67.9	111	69.0	109	71.5	105	72.6	103	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	72.3	111	73.5	109	76.5	105	77.7	103	—	—	—	—	83.6	96	87.3	92	87.8	91	91.5	87	—	—		
	1250	41/59	8500	76.9	110	78.1	109	81.5	106	82.6	103	—	—	—	—	88.2	96	91.9	93	92.8	92	96.4	88	—	—		
1000	275	78/22	5100	48.9	104	50.0	102	49.8	102	50.9	100	51.2	100	52.3	98	—	—	—	—	—	—	—	—	—	—		
	375	73/27	5500	51.9	106	52.9	104	53.1	104	54.1	102	55.6	99	56.7	97	—	—	—	—	—	—	—	—	—	—		
	625	62/38	6500	60.1	108	61.2	106	62.4	104	63.5	102	66.9	97	68.0	96	—	—	—	—	—	—	—	—	—	—		
	875	53/47	7500	68.8	109	69.9	107	72.2	104	73.3	102	78.8	95	79.9	94	—	—	—	—	—	—	—	—	—	—		
	1000	50/50	8000	73.2	109	74.3	108	76.8	104	77.9	103	84.4	95	85.4	94	—	—	—	—	—	—	—	—	—	—		
	1125	47/53	8500	77.7	109	78.7	108	81.8	104	82.9	103	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	1250	44/56	9000	82.3	109	83.3	108	86.8	105	87.9	102	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1125	275	80/20	5600	54.5	103	55.7	101	55.3	101	56.6	99	56.8	99	58.0	97	—	—	—	—	—	—	—	—	—	—		
	375	75/25	6000	57.4	105	58.6	102	58.6	102	59.8	100	61.1	98	62.3	96	—	—	—	—	—	—	—	—	—	—		
	625	64/36	7000	65.7	107	66.9	105	67.9	103	69.2	101	72.4	97	73.7	95	—	—	—	—	—	—	—	—	—	—		
	875	56/44	8000	74.4	108	75.6	106	77.7	103	79.0	101	84.3	95	85.6	93	—	—	—	—	—	—	—	—	—	—		
	1000	53/47	8500	78.7	108	80.0	106	82.3	103	83.6	102	89.9	95	91.1	93	—	—	—	—	—	—	—	—	—	—		
	1125	50/50	9000	83.2	108	84.4	107	87.4	103	88.6	102	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	1250	47/53	9500	87.8	108	89.0	107	92.3	104	93.6	102	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
1250	275	90/10	6100	60.1	101	61.5	99	61.0	100	62.4	98	62.4	98	63.8	96	—	—	—	—	—	—	—	—	—	—		
	375	85/15	6500	63.0	103	64.4	101	64.2	101	65.6	99	66.8	97	68.2	95	—	—	—	—	—	—	—	—	—	—		
	625	73/27	7500	71.3	105	72.7	103	73.6	102	75.0	100	78.1	96	79.5	94	—	—	—	—	—	—	—	—	—	—		
	875	65/35	8500	80.0	106	81.4	104	83.4	102	84.8	100	90.0	94	91.4	93	—	—	—	—	—	—	—	—	—	—		
	1000	61/39	9000	84.4	107	85.8	105	88.0	102	89.4	101	95.5	94	96.9	93	—	—	—	—	—	—	—	—	—	—		
	1125	58/42	9500	88.8	107	90.2	105	93.0	102	94.4	101	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	1250	55/45	10000	93.4	107	94.8	105	98.0	102	99.4	101	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

*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

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.

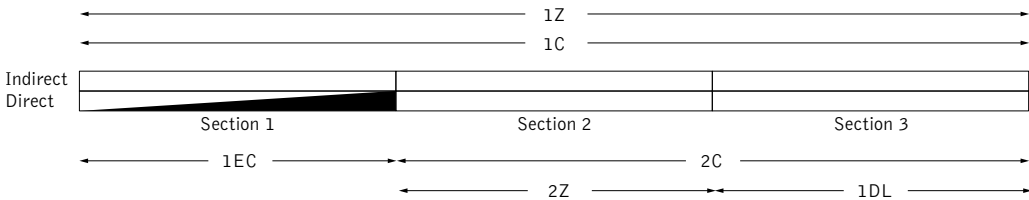
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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.

EXAMPLE	TOTAL RUN LENGTH: 24ft		JOB NAME:				FIXTURE TYPE:			
	HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
				SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD							
	1	8	Indirect	1C	1Z					
Direct							1EC			
2	8	Indirect	1C	1Z						
		Direct	2C	2Z						
3	8	Indirect	1C	1Z						
		Direct	2C		1DL					
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			
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD							
1		Indirect							
		Direct							
2		Indirect							
		Direct							
3		Indirect							
		Direct							
4		Indirect							
		Direct							
5		Indirect							
		Direct							
6		Indirect							
		Direct							
7		Indirect							
		Direct							
8		Indirect							
		Direct							
9		Indirect							
		Direct							
10		Indirect							
		Direct							
11		Indirect							
		Direct							
12		Indirect							
		Direct							
Totals / Ordering Codes									

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

Combine to create Circuits & Zones ordering code

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

Enter as individual Factory Options

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

Standard run configurations, consult factory for custom configurations.

Finishes

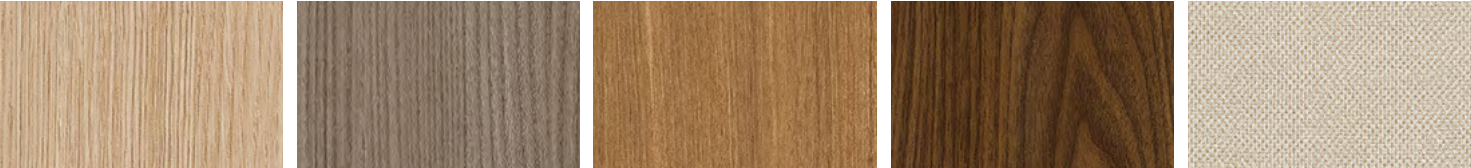


STANDARD FINISHES



WHITE WH BLACK BK TITANIUM SILVER TS

THE NATURALS (25% SCALE)



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