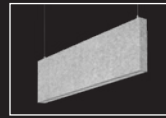
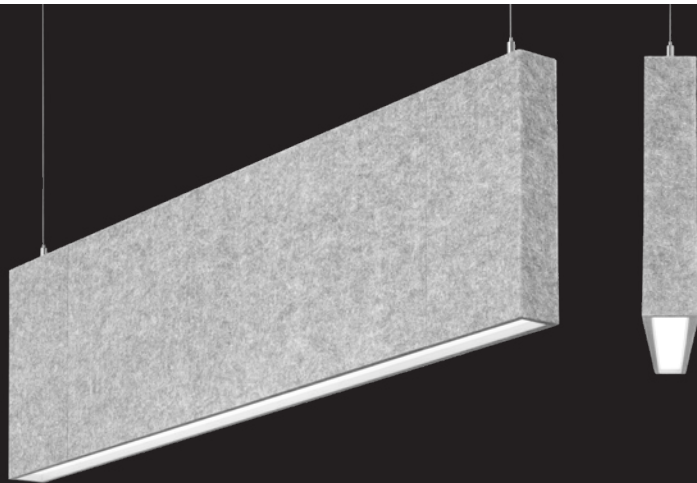


Seem[®] 1 Acoustic

LED DIRECT/INDIRECT



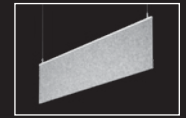
FOCAL POINT[®]



Seem 1 Acoustic
Unlit companion



AirCore Blade
companion

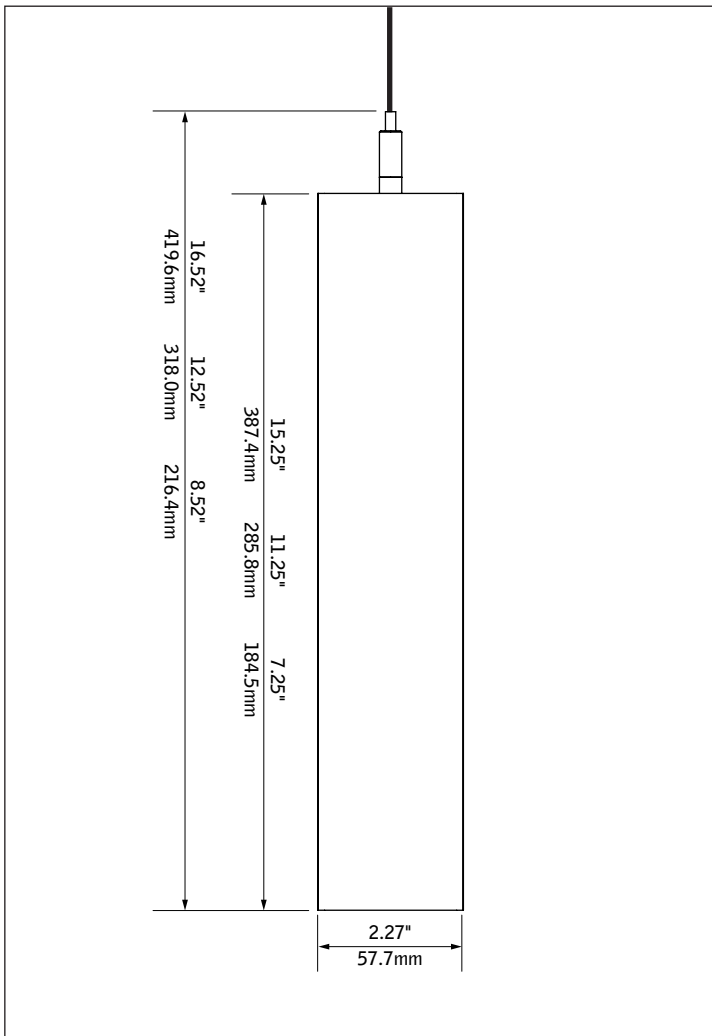


TruBlade
companion



Seem 1 Acoustic
Trio companion

DIMENSIONAL DATA



FEATURES

Narrow, sound absorbing 1.5" aperture linear direct/indirect acoustic LED luminaire.

Available in 4' to 208' lengths in 1' increments with 8", 12" or 16" nominal housing heights.

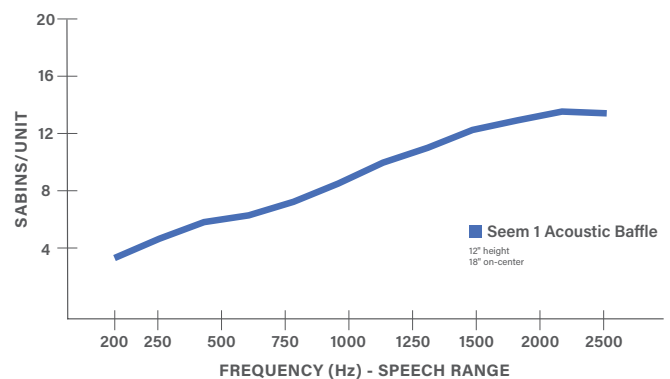
Frosted acrylic lens provides uninterrupted illumination, without pixels or shadows.

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

AirCore[™], patent pending, eco-friendly technology that maximizes sound absorption and reduces ecological impact.

Pair with Seem 1 Acoustic unlit baffle, Seem 1 Acoustic Trio, AirCore Blade[™], or TruBlade[™] to create a coordinated look in interior spaces.

ACOUSTIC PERFORMANCE



All products were tested in multiple configured arrays. Total absorption will vary based on configuration. Please refer to ASTM C423 reports for more information.

fixture:

project:

SPECIFICATIONS

Acoustic Material

Table with 2 columns: Content, Cleaning and Care, PET Thickness, Surface Burning Characteristics. Content: Housing material is 100% polyester containing up to 50% of recycled plastic bottles (PET felt) and is moisture resistant. See page 3 for color offering. Acoustic material colors are subject to change without notice. For the most current color options, please visit focalpointlights.com/acousticsolutions. Lead times may vary depending on color.

Acoustic Performance

Acoustic testing is performed on all Focal Point acoustic products and varies based on installation and configuration. ASTM C423 test reports can be downloaded from focalpointlights.com.

Contact acoustic.solutions@focalpointlights.com for technical questions.

Table with 2 columns: Sabins, NRC. Sabins: Sabins is a unit of sound absorption. It measures how well one square foot of material absorbs sound. Focal Point has averaged the Sabins per unit at four specific frequency bands representing the human speech range (250, 500, 1000, 2000 Hz) to determine the Sabins per product. 8' length, 12" height: 12" OC = 5.08 Sabins, 18" OC = 9.05 Sabins, 24" OC = 9.46 Sabins. NRC: Noise Reduction Coefficient (NRC) is the average of how absorptive a material is at various frequencies within the human speech frequency range. Two materials with the same rating may not perform the same in application. Typically, an NRC of 0 indicates perfect reflection, and an NRC of 1 is designated as perfect absorption. However, based on the testing methodology and depending upon the material's shape or surface area products can test at an NRC greater than 1. NRC = 1.05

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 both 80 and 90 CRI options. LED drivers are replaceable from above. Color accuracy <3 SDCM.

Weight

12" height, 4' length = 13.38lbs. 12" height, 6' length = 19.51lbs. 12" height, 8' length = 25.64lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in Matte White powder coat. Extruded acrylic lens .05" thick with frosted finish, up to 8' continuous. 0.02" thick clear acrylic dust cover.

Mounting

Minimum mounting height 7.5" from the ceiling.

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. Power cord white as standard.

Canopy

Polyester powder coat applied over a multi-stage pre-treatment. Canopy white as standard.

Emergency Battery

Emergency output - 10 watts for 90 minutes. Maximum mounting height: 16.83ft.

Labels

ETL listed in accordance with UL standards. Suitable for Dry Locations, indoor use only.

Lumen Maintenance

Reported: L70 at >61,000 hours Calculated: L70 at 470,000 hours
L90 at >61,000 hours L90 at 115,000 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 and when mounted no less than 7.5" from the ceiling. 5-year limited warranty.

4' PERFORMANCE CHART

See page 4

ORDERING

Luminaire Series

Seem 1 Acoustic Direct/Indirect LED ASM1BS

Shielding

Batwing Optic Top/Asymmetric Wall Wash Bottom BWAS
Batwing Optic Top/Batwing Lens Bottom BWWB
Batwing Optic Top/Regress Lens BWRL
Dust Cover Top/Asymmetric Wall Wash Bottom DCAS
Dust Cover Top/Batwing Lens Bottom DCBW
Dust Cover Top/Regress Lens DCRL

Luminaire Height

(heights are nominal)

8" 8"
12" 12"
16" 16"

Direct Distribution

100 Lumens per foot 100DN
200 Lumens per foot 200DN
300 Lumens per foot 300DN
400 Lumens per foot 400DN
500 Lumens per foot 500DN

Indirect Distribution

125 Lumens per foot 125UP
250 Lumens per foot 250UP
375 Lumens per foot 375UP
500 Lumens per foot 500UP
625 Lumens per foot 625UP
800 Lumens per foot 800UP

Color Temperature

3000K, 80CRI or 90CRI 30K or 930K
3500K, 80CRI or 90CRI 35K or 935K
4000K, 80CRI or 90CRI 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 on page 5 for multiple circuiting and zoning options _C_Z_DL

Voltage

120/277 UNV Volt UNV

Control System & Dimming Level

0-10V - 10% Dimming LD1
0-10V - 1% Dimming L11
Lutron Hi-Lume EcoSystem (LDE1) - LH1
1% Dimming
Lutron 5-Series EcoSystem (LDE5) - LU5
5% Dimming
DALI 1% Dimming D11

Mounting

(Mounting hang kits ship with order. Power cable is 18" longer than suspension length. Consult factory for longer power cable lengths.)

24" Cable Suspension J24__
48" Cable Suspension J48__
96" Cable Suspension J96__
120" Cable Suspension J120__

(Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: J24WH.)
(Consult factory for sloped ceiling applications)

Factory Options

(See Ordering Guide on page 5 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

†(6' minimum length. Consult factory for available options.)

Acoustic Panel Color

See page 3 for color offering

Luminaire Length

(Luminaires are 3/4" longer than specified and cannot be cut to length in the field. Individual lengths cannot be joined in the field.)

Specify length in 1' increments _ft
from 4' to 208'

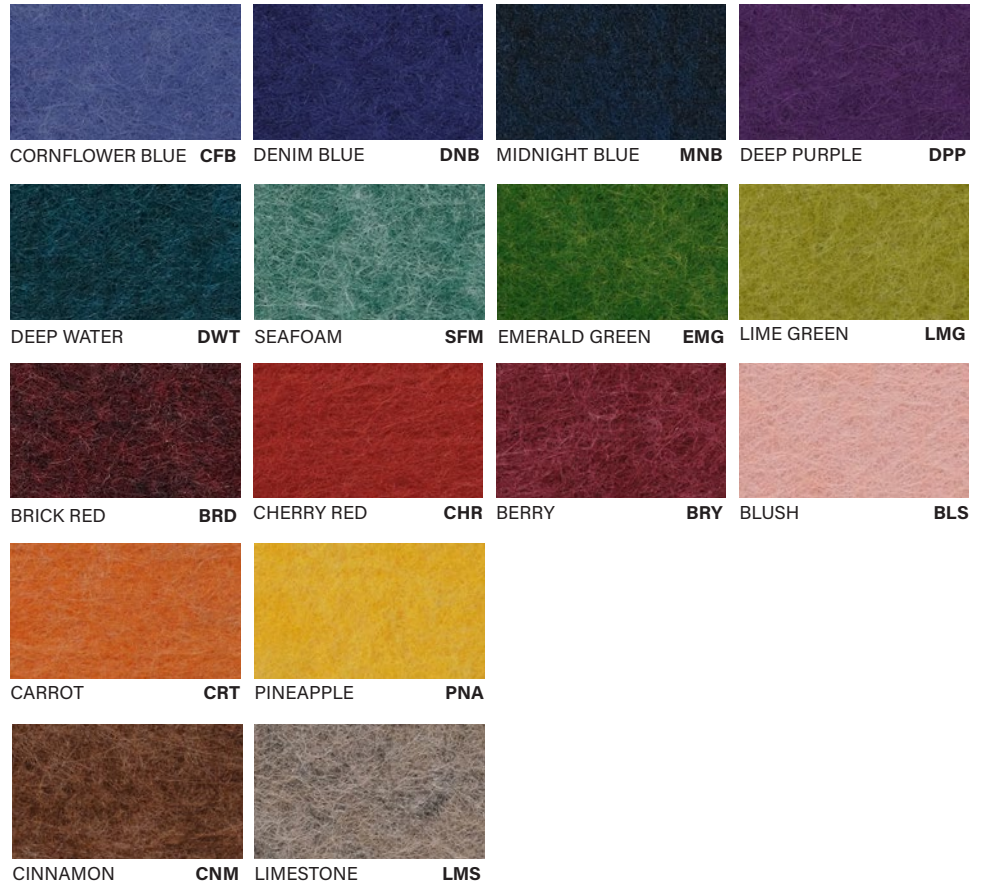
Acoustic Material Colors



STANDARD COLORS



PREMIUM COLORS*



*Contact factory for lead time and pricing.

Declare.

9mm PET Felt Focal Point, LLC

Final Assembly: Chicago, Illinois, USA
Life Expectancy: 30 Years
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

PET; Octadecanamide, N,N'-1,2-ethanediylbis-; Stearic Acid; Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-; Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, octadecyl ester; Titanium dioxide

Living Building Challenge Criteria: Compliant

I-13 Red List:

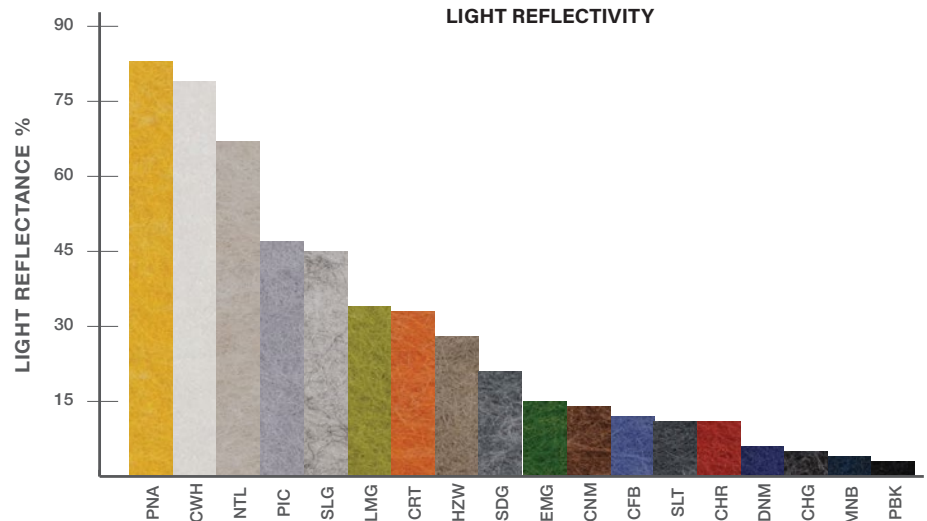
LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: CDPH Standard Method v1.1-2010
I-14 Responsible Sourcing: Not Applicable







FPL-0001
EXP. 01 FEB 2022
Original Issue Date: 2020

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

LIGHT REFLECTIVITY

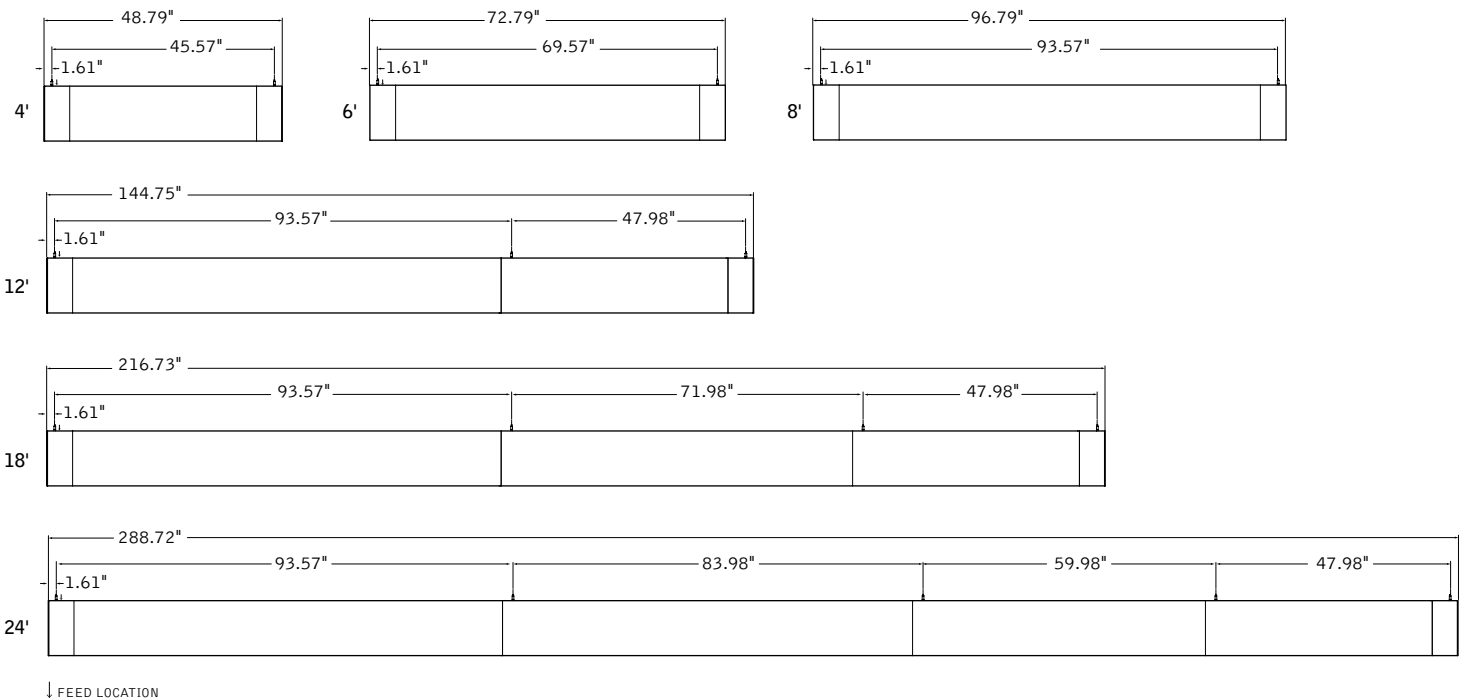


4' PERFORMANCE CHART - BATWING OPTIC TOP/REGRESS LENS BOTTOM

Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	Lumens per Watt (LPW)					
										
					BWRL	BWAS	BWBW	DCRL	DCAS	DCBW
100DN	125UP	44/56	900	11.4	79	89	86	85	92	89
	250UP	29/71	1400	14.9	94	103	100	100	105	103
	375UP	21/79	1900	18.4	103	109	107	108	112	111
	500UP	17/83	2400	21.6	111	116	114	116	119	118
	625UP	14/86	2900	25.5	114	119	117	119	123	121
	800UP	11/89	3600	32.0	113	118	117	119	122	120
200DN	125UP	62/38	1300	15.2	85	97	92	90	100	95
	250UP	44/56	1800	18.7	96	107	103	101	109	105
	375UP	35/65	2300	22.2	103	112	108	108	114	111
	500UP	29/71	2800	25.4	110	117	114	114	120	117
	625UP	24/76	3300	29.4	112	119	117	118	123	120
	800UP	20/80	4000	35.8	112	118	116	118	122	120
300DN	125UP	71/29	1700	18.8	90	102	96	95	104	98
	250UP	55/45	2200	22.3	99	110	105	103	111	106
	375UP	44/56	2700	25.8	105	113	109	109	116	111
	500UP	38/63	3200	29.0	110	118	114	114	120	116
	625UP	32/68	3700	32.9	112	120	116	117	123	119
	800UP	27/73	4400	39.4	112	119	116	117	122	119
400DN	125UP	76/24	2100	23.0	91	106	99	96	108	101
	250UP	62/38	2600	26.5	98	112	106	103	113	107
	375UP	52/48	3100	30.1	103	115	110	107	117	112
	500UP	44/56	3600	33.2	108	118	114	112	121	116
	625UP	39/61	4100	37.2	110	120	116	115	123	119
	800UP	33/67	4800	43.6	110	119	116	116	122	118
500DN	125UP	80/20	2500	27.1	92	109	102	97	110	103
	250UP	67/33	3000	30.6	98	113	107	103	115	108
	375UP	57/43	3500	34.2	102	116	110	107	117	112
	500UP	50/50	4000	37.3	107	119	114	111	121	116
	625UP	44/56	4500	41.3	109	120	116	114	123	118
	800UP	38/62	5200	47.7	109	119	115	114	122	118

*Based on 3500k, 80CRI, 4' lengths. Lumen multipliers: Dust Cover Top = 1.23, 90 CRI = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

MOUNTING DETAILS (see Run Chart on following page for number of hang points per run)



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.

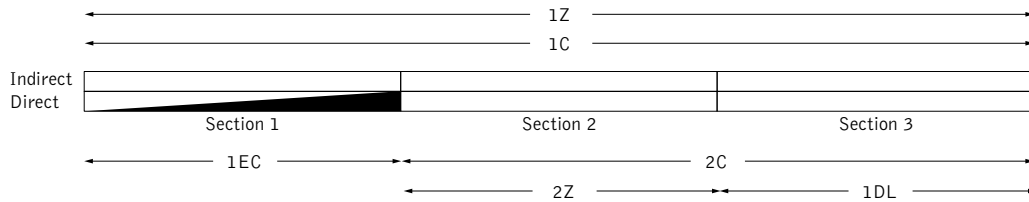
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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: 20ft		JOB NAME: _____				FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	EMERGENCY CIRCUIT	ECD	EM
1	8	Indirect	1C	1Z					
		Direct					1EC		
2	7	Indirect	1C	1Z					
		Direct	2C	2Z					
3	5	Indirect	1C	1Z					
		Direct	2C		1DL				
Totals / Ordering Codes			2C	2Z	1DL		1EC		

ORDERING: ASM1BS-DCRL-625UP-100DN-35K- **2C2Z1DL** -UNV-LD1-J24WH- **1EC** -SDG-20ft



KEY

C = Switching Circuit
Switched Hot / Shared Neutral

Z = Dimming Zone
Dimming Control Wires

DL = Daylight Zone
Daylight Dimming Control Wires

DC = Daylight Circuit
Switched Hot / Separate Neutral

EC = Emergency Circuit
Switched Hot / Separate Neutral

ECD = Emergency Control Device
Unswitched Hot / Separate Neutral

EM = Emergency Battery
Unswitched Hot / Shared Neutral

DEFAULTS

- Zones and Factory Options illuminate entire sections from 4' to 8' in length.
- EC, EM, and ECD only available for direct distribution.
- One shared or isolated circuit and zone required per housing section.
- Additional electrical feed required for applications greater than three shared circuits and zones.
- Limit of one EM or ECD per housing section.
- Each EC, DC and ECD require an additional electrical feed.
- ECD not available in the same housing section as EC.
- Longer lead times and additional pricing may apply for custom run configurations.

CUSTOM LENGTHS

- If partial illumination of emergency or daylight section is required, indicate in ordering guide and add "partial illumination" in Order Notes. Drawing required.
- Engineering validation required, longer lead times may apply.

Ordering Guide Worksheet

Linear Circuitry, Zones & Factory Options

TOTAL RUN LENGTH: _____		JOB NAME: _____				FIXTURE TYPE: _____			
HOUSING SECTION	SECTION LENGTH	LIGHT DISTRIBUTION	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	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									

WORKSHEET

Combine to create Circuits & Zones ordering code

Enter as individual Factory Options

RUN CHART

Run length (ft)	Housing Configuration Section Lengths	# of hang points per run
9	5 + 4	3
10	6 + 4	3
11	7 + 4	3
12	8 + 4	3
13	8 + 5	3
14	8 + 6	3
15	8 + 7	3
16	8 + 8	3
17	8 + 5 + 4	4
18	8 + 6 + 4	4
19	8 + 7 + 4	4
20	8 + 7 + 5	4
21	8 + 7 + 6	4
22	8 + 7 + 7	4
23	8 + 7 + 8	4
24	8 + 7 + 5 + 4	5
25	8 + 7 + 6 + 4	5
26	8 + 7 + 7 + 4	5
27	8 + 7 + 7 + 5	5
28	8 + 7 + 7 + 6	5

Run length (ft)	Housing Configuration Section Lengths	# of hang points per run
29	8 + 7 + 7 + 7	5
30	8 + 7 + 7 + 8	5
31	8 + 7 + 7 + 5 + 4	6
32	8 + 7 + 7 + 6 + 4	6
33	8 + 7 + 7 + 7 + 4	6
34	8 + 7 + 7 + 7 + 5	6
35	8 + 7 + 7 + 7 + 6	6
36	8 + 7 + 7 + 7 + 7	6
37	8 + 7 + 7 + 7 + 8	6
38	8 + 7 + 7 + 7 + 5 + 4	7
39	8 + 7 + 7 + 7 + 6 + 4	7
40	8 + 7 + 7 + 7 + 7 + 4	7
41	8 + 7 + 7 + 7 + 7 + 5	7
42	8 + 7 + 7 + 7 + 7 + 6	7
43	8 + 7 + 7 + 7 + 7 + 7	7
44	8 + 7 + 7 + 7 + 7 + 8	7
45	8 + 7 + 7 + 7 + 7 + 5 + 4	8
46	8 + 7 + 7 + 7 + 7 + 6 + 4	8
47	8 + 7 + 7 + 7 + 7 + 7 + 4	8
48	8 + 7 + 7 + 7 + 7 + 7 + 5	8

Standard run configurations, consult factory for custom configurations and longer run lengths.