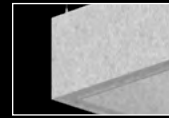
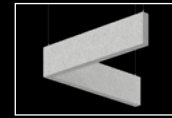


# Seem® 1 Acoustic

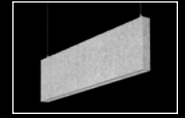
LED INDIRECT



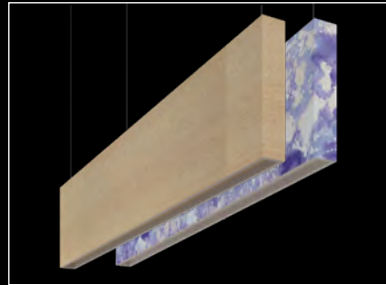
90° corner detail



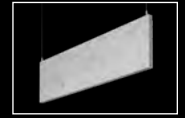
'L' pattern



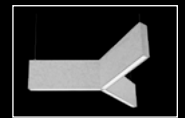
Seem 1 Acoustic  
Unlit companion



The Naturals collection - Light Oak shown  
Cosmic Collection - Blue Sky shown

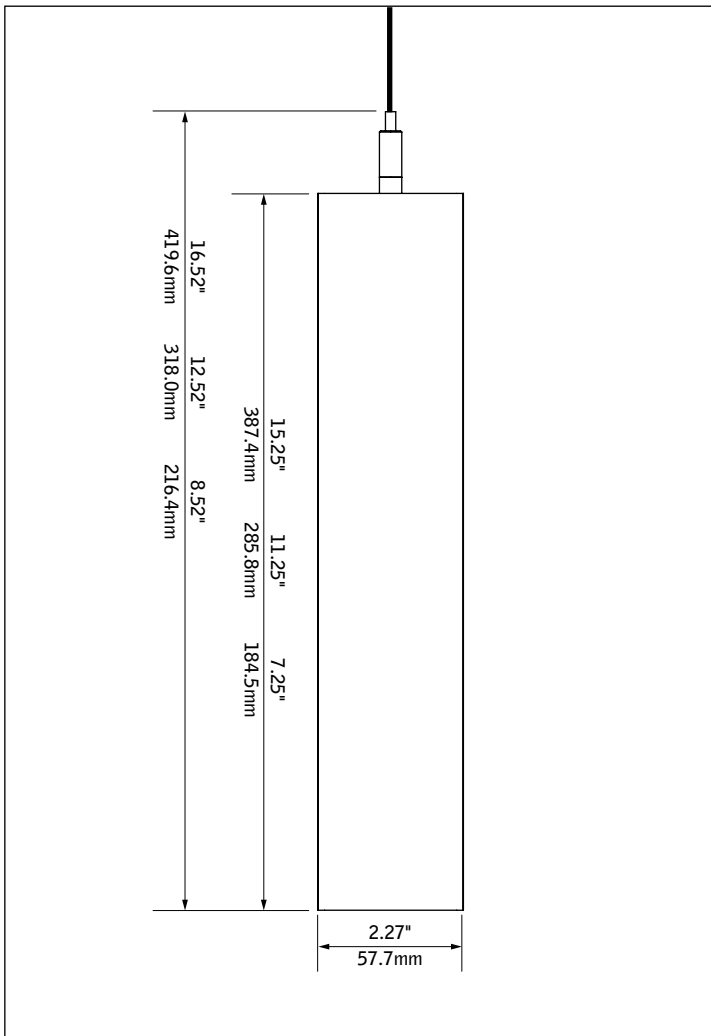


AirCore Blade  
companion



Seem 1 Acoustic  
Trio companion

## DIMENSIONAL DATA



## FEATURES

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

Available in 3' to 208' lengths in 1" increments with 8", 12" or 16" nominal housing heights. in straight lengths or patterns with 90° corners.

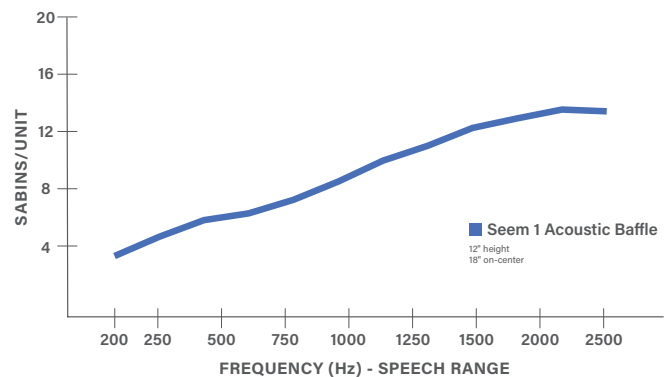
Indirect batwing optic allows for wide on-center spacing while maintaining ceiling uniformity.

AirCore® Technology: patented, 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.

Available in a range of curated printed finish options, including The Naturals and Cosmic.

## ACOUSTIC PERFORMANCE

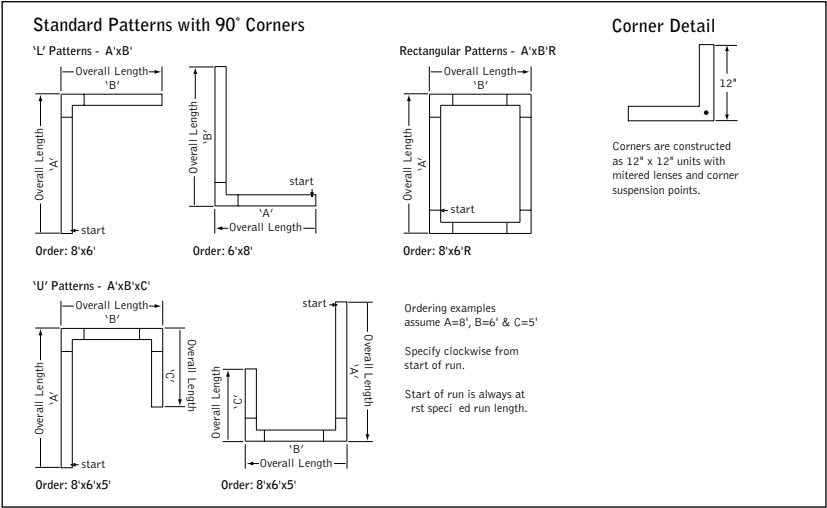


All products were tested in multiple configured arrays. Total absorption will vary based on configuration. Please refer to ASTM C423 reports for more information.

fixture:

project:

DETAILS



SPECIFICATIONS

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. Printed finishes such as The Naturals and Cosmic may leave the base material color visible on edges, depending on the product. Consult factory for more information. Lead times may vary depending on color.
Cleaning and Care	Remove dust and debris with a clean, soft, lint-free cloth or vacuum
PET Thickness	9mm
Surface Burning Characteristics	ASTM E84 Class A / CAN ULC S102 Flame Spread: 0, Smoke Development Index: 300
Colorfastness	AATCC 16A Option 3 Class 4 minimum at 40 hours

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](mailto:acoustic.solutions@focalpointlights.com) for technical questions.

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
--------	---

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

Weight

12" height, 4' length = 10.75lbs. 12" height, 6' length = 16.13lbs. 12" height, 8' length = 21.5lbs.

Optic

Reflector fabricated of 22 Ga. steel finished in Matte White powder coat. 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.

Labels

UL and cUL listed. 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

<b>Luminaire Series</b>	<b>ASM1S</b>
Seem 1 Acoustic Indirect LED	ASM1S
<b>Shielding</b>	
Batwing Top/Solid Bottom	BWSD
Dust Cover Top/Solid Bottom	DCSD
<b>Luminaire Height</b> (heights are nominal)	
8"	8
12"	12
16"	16
<b>Lumen Output</b>	
125 Lumens per foot (4' minimum. Consult factory for Lutron & DALI)	125LF
250 Lumens per foot	250LF
375 Lumens per foot	375LF
500 Lumens per foot	500LF
625 Lumens per foot	625LF
800 Lumens per foot	800LF
<b>Color Temperature</b>	
2700K, 80CRI or 90CRI	27K or 927K
3000K, 80CRI or 90CRI	30K or 930K
3500K, 80CRI or 90CRI	35K or 935K
4000K, 80CRI or 90CRI	40K or 940K
<b>Circuit</b>	<b>1C</b>
Single Circuit	1C
<b>Voltage</b>	<b>UNV</b>
120/277 UNV Volt	UNV
<b>Control System &amp; Dimming Level</b>	
0-10V - 10% Dimming	LD1
0-10V - 1% Dimming	L11
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
DALI 1% Dimming	D11
<b>Mounting</b> (Mounting hang kits ship with order. Power cable is 18" longer than suspension length.)	
24" Cable Suspension	J24__
48" Cable Suspension	J48__
96" Cable Suspension	J96__
120" Cable Suspension (Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: J24WH.) (Consult factory for sloped ceiling applications)	J120__
<b>Factory Options</b>	
Black Cord	BKCD
<b>Acoustic Panel Color</b>	
See page 3 for color offering	
<b>Luminaire Length</b> (Leave blank for patterns. Luminaires are 3/4" longer than specified and cannot be cut to length or joined in the field.)	<b>ft in</b>
Specify length in 1" increments from 3' to 208'	__ft __in
(Consult factory for alternate lengths.)	
<b>Pattern Options</b> (Patterns available with LD1 and L11 drivers only.) (5' minimum leg length for L patterns. 6' minimum leg length for U and Rectangle patterns)	
'L' pattern	A' x B'
'U' pattern	A' x B' x C'
Rectangular pattern	A' x B' R
(Consult factory for other pattern options)	

**QS 10 DAY** Options in orange qualify for the Quickship program. Five color options. Available in 4', 6', 8', 10', 12', 14', 16' lengths. Maximum linear feet is 200' of acoustic products per order. Refer to Quickship Guide for complete details.

# Acoustic Materials



## COSMIC (25% SCALE)



BLUE STAR

BSR



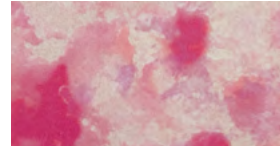
GREEN QUASAR

GQR



MOON ROCK

MRK



PINK NEBULA

PPN



SOLAR FLARE

SRF

## THE NATURALS (25% SCALE)



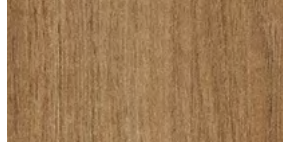
LIGHT OAK

LOK



GRAY ELM

GRE



CHESTNUT

CHT



WALNUT

WLT

## STANDARD PET



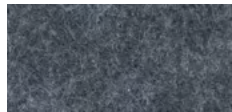
PURE BLACK

PBK



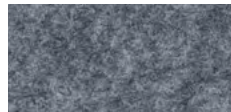
CHARCOAL GRAY

CHG



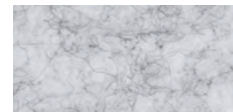
SLATE

SLT



SHADOW GRAY

SDG



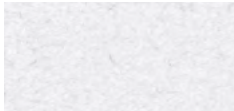
SILVER GRAY

SLG



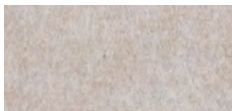
PEARL ICE

PIC



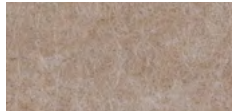
CLASSIC WHITE

CWH



NATURAL LINEN

NTL



HAZELWOOD

HWZ

## PREMIUM PET



CORNFLOWER BLUE

CFB



DENIM BLUE

DNB



MIDNIGHT BLUE

MNB



DEEP PURPLE

DPP



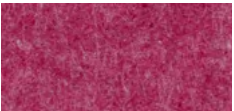
BRICK RED

BRD



CHERRY RED

CHR



BERRY

BRY



BLUSH

BLS



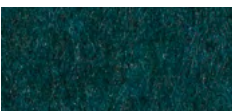
CARROT

CRT



PINEAPPLE

PNA



DEEP WATER

DWT



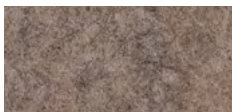
SEAFOAM

SFM



EMERALD GREEN

EMG



LIMESTONE

LMS

## Declare.

**PET**  
Focal Point, LLC

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

### Ingredients:

Polyethylene terephthalate; PET; N, N'-Ethylene bisstearamide; Octadecanamide; N,N'-1,2-ethanedithiolbis-; Stearic Acid; Antioxidant 1076; Benzenepropionic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-; octadecyl ester; Antioxidant KY-405; Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]; Titanium Dioxide; Titanium dioxide

### 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 Compliant  
I-14 Responsible Sourcing: Not Applicable

FPL-0001  
EXP. 01 JUN 2026  
Original Issue Date: 2020

INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](http://living-future.org/declare)

## Declare.

**Seem Acoustic Baffles**  
Focal Point, LLC

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

### Ingredients:

Polyethylene Terephthalate; UNS G10080 Steel Alloy; Copper; Polymethyl methacrylate; Small Electrical Components - RoHS Compliant; Poly[imino(1,6-dioxo-1,6-hexanedyl)imino-1,6-hexanedyl]; Polyvinyl chloride; Steel; carbon; Zinc; Aluminum; Steel manufacture, chemicals; Methyl methacrylate; Polyethylene

†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 Compliant  
I-14 Responsible Sourcing: Not Applicable



FPL-0005  
EXP. 01 FEB 2027  
Original Issue Date: 2024

INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](http://living-future.org/declare)

Slight color variations are inherent to the PET felt manufacturing process. Color renditions on screens vary due to display settings and lighting conditions.

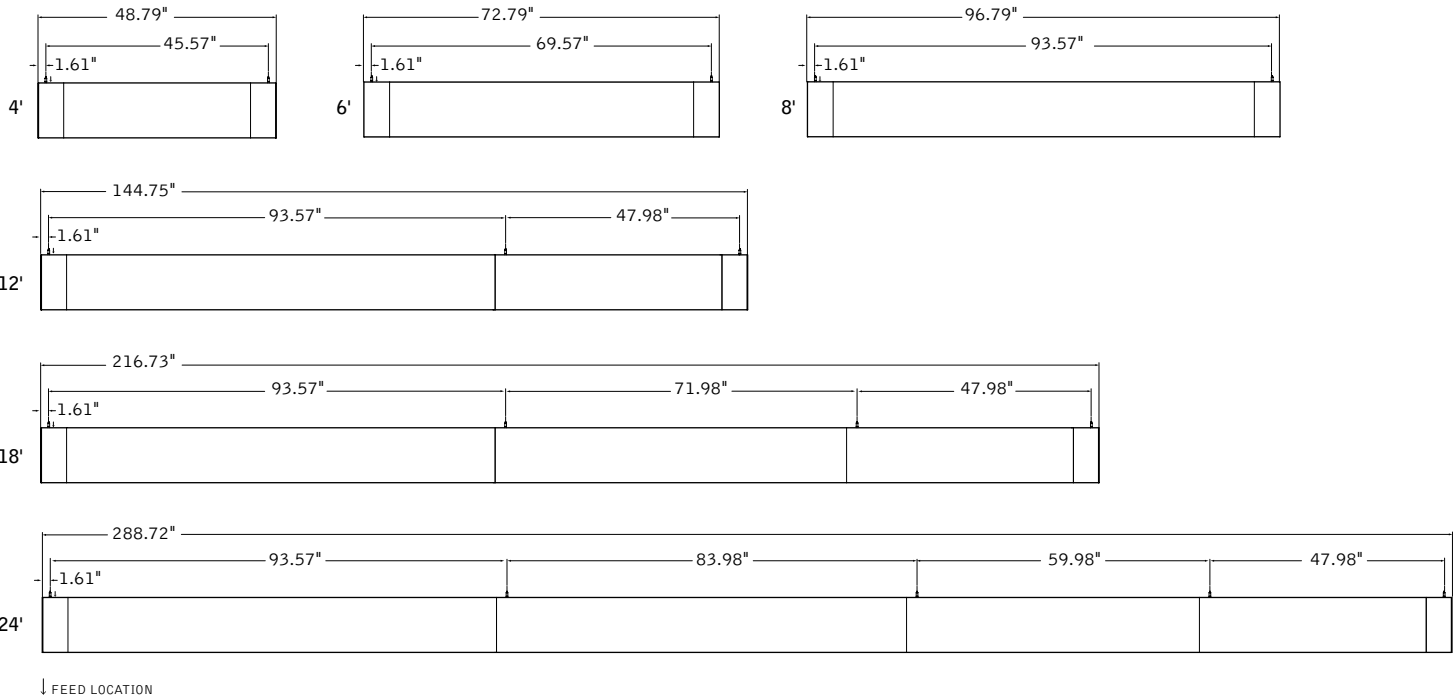
Order samples at [focalpointlights.com/Samples](http://focalpointlights.com/Samples)

4' PERFORMANCE CHART

Indirect Lumen Output	Delivered Lumens	Tested System Watts	Lumens per Watt (LPW)	
			 BW	 DC
125LF	500	7	91	96
250LF	1000	8	118	123
375LF	1500	12	130	130
500LF	2000	15	134	134
625LF	2500	18	136	136
800LF	3200	24	133	133

Based on 3500k, 80CRI, 4' lengths. 90 CRI Lumen multiplier = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

MOUNTING DETAILS



RUN CHART

Run length (ft)	Housing Configuration Section Lengths	# of hang points per run	Run length (ft)	Housing Configuration Section Lengths	# of hang points per run
9	5 + 4	3	29	8 + 7 + 7 + 7	5
10	6 + 4	3	30	8 + 7 + 7 + 8	5
11	7 + 4	3	31	8 + 7 + 7 + 5 + 4	6
12	8 + 4	3	32	8 + 7 + 7 + 6 + 4	6
13	8 + 5	3	33	8 + 7 + 7 + 7 + 4	6
14	8 + 6	3	34	8 + 7 + 7 + 7 + 5	6
15	8 + 7	3	35	8 + 7 + 7 + 7 + 6	6
16	8 + 8	3	36	8 + 7 + 7 + 7 + 7	6
17	8 + 5 + 4	4	37	8 + 7 + 7 + 7 + 8	6
18	8 + 6 + 4	4	38	8 + 7 + 7 + 7 + 5 + 4	7
19	8 + 7 + 4	4	39	8 + 7 + 7 + 7 + 6 + 4	7
20	8 + 7 + 5	4	40	8 + 7 + 7 + 7 + 7 + 4	7
21	8 + 7 + 6	4	41	8 + 7 + 7 + 7 + 7 + 5	7
22	8 + 7 + 7	4	42	8 + 7 + 7 + 7 + 7 + 6	7
23	8 + 7 + 8	4	43	8 + 7 + 7 + 7 + 7 + 7	7
24	8 + 7 + 5 + 4	5	44	8 + 7 + 7 + 7 + 7 + 8	7
25	8 + 7 + 6 + 4	5	45	8 + 7 + 7 + 7 + 7 + 5 + 4	8
26	8 + 7 + 7 + 4	5	46	8 + 7 + 7 + 7 + 7 + 6 + 4	8
27	8 + 7 + 7 + 5	5	47	8 + 7 + 7 + 7 + 7 + 7 + 4	8
28	8 + 7 + 7 + 6	5	48	8 + 7 + 7 + 7 + 7 + 7 + 5	8

# Ordering Guide

## Indirect Only 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.

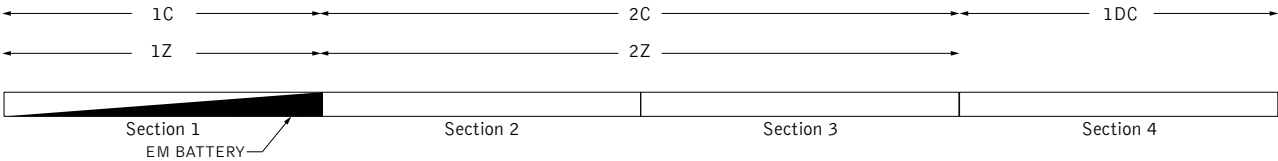
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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: 32ft		JOB NAME:			FIXTURE TYPE:		
	HOUSING SECTION	SECTION LENGTH	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS		
						SEPARATE ELECTRICAL FEEDS		EM
			SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	DAYLIGHT CIRCUIT	AUXILIARY CIRCUIT	
	1	8	1C	1Z				1EM
2	8	2C	2Z					
3	8	2C	2Z					
4	8				1DC			
Totals / Ordering Codes		2C	2Z		1DC		1EM	

ORDERING: FSM1IS-DC-625LF-35K- 2C2Z -UNV-LD1-C24WH- 1DC-1EM -WH-32ft



### 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 = Auxiliary Circuit** Switched  
Hot / Separate Neutral

**EM = Backup Battery Pack**  
Unswitched Hot / Shared Neutral

**ECD = Emergency Control Device**  
Unswitched Hot / Separate Neutral

### DEFAULTS

- Zones and Factory Options illuminate entire sections from 4' to 8' in length.
- One shared or isolated circuit and zone required per housing section.
- Limit of one EM or ECD per housing section.
- Additional electrical feed required for applications greater than three shared circuits and zones.
- Each DC, EC 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	SHARED ELECTRICAL FEED, NORMAL POWER			FACTORY OPTIONS			
		SWITCHING CIRCUIT	DIMMING ZONE	DAYLIGHT ZONE	SEPARATE ELECTRICAL FEEDS			EM
					DAYLIGHT CIRCUIT	AUXILIARY CIRCUIT	ECD	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Totals / Ordering Codes								

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.