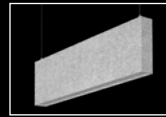
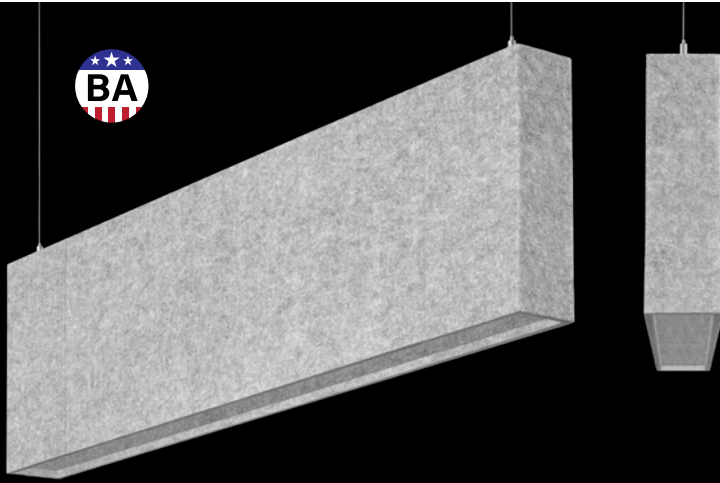
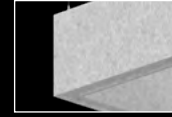


# Seem® 2 Acoustic

LED INDIRECT



Seem 2 Acoustic  
Unlit companion



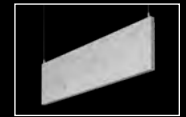
90° corner detail



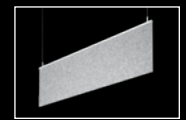
'L' pattern



The Naturals collection -  
Direct companion in Chestnut shown

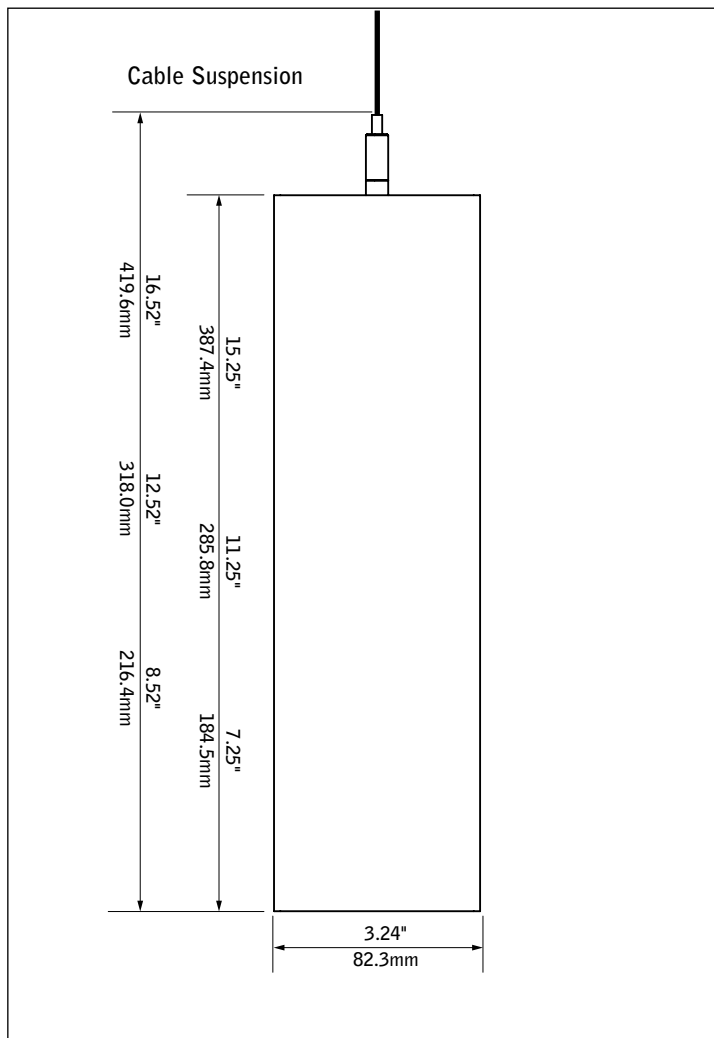


AirCore Blade  
companion



TruBlade  
companion

## DIMENSIONAL DATA



## FEATURES

2.5" aperture sound absorbing linear indirect 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.

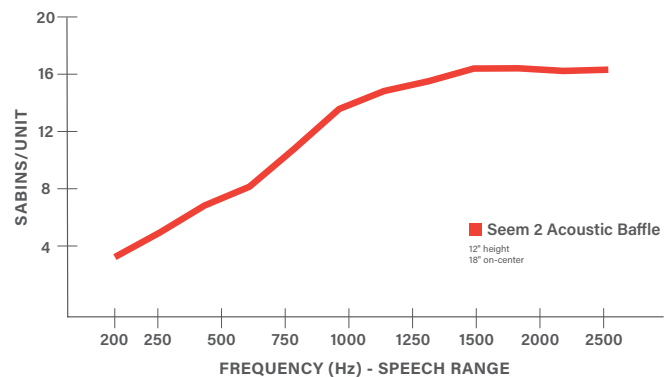
Indirect batwing optic allows for wide on-center spacing while maintaining ceiling uniformity.

AirCore® Technology: patented, eco-friendly technology that maximizes sound absorption and reduces ecological impact.

Pair with Seem 2 Acoustic unlit baffle, AirCore Blade®, or TruBlade® to create a coordinated look in interior spaces.

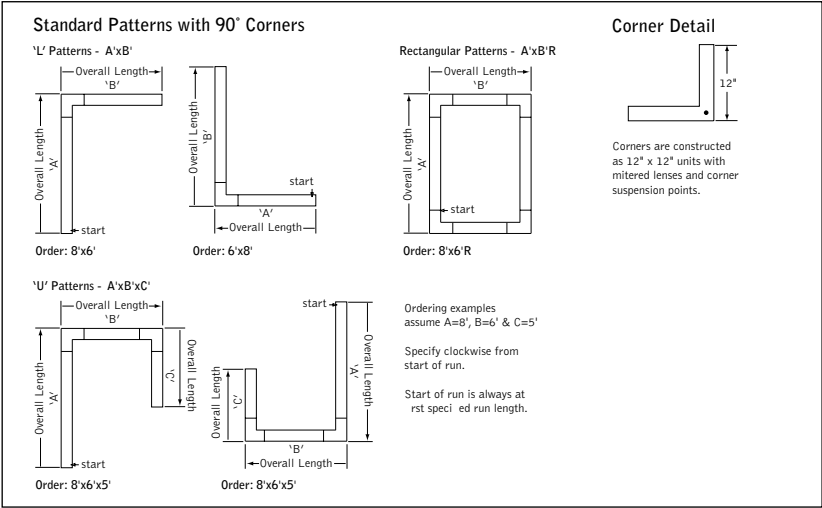
Available with The Naturals, a series of finishes that exude biophilic beauty.

## 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.

PATTERN 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/acoustic-solutions. 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<br>Flame Spread: 0, Smoke Development Index: 300  |

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.

|        |  |
|--------|--|
| 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.<br>8' length, 12" height: 12" OC = 10.26 Sabins, 18" OC = 11.67 Sabins, 24" OC = 12.43 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 = 18.6lbs

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. .002" 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: 16.83 ft  
See EM/EC Guide (page 5) for default locations and ordering details.

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   |              | ASM2IS |
|--|--------------|--------|
| Luminaire Series   |              |        |
| Seem 2 Acoustic Indirect LED   | ASM2IS       |        |
| Shielding  |              |        |
| Asymmetric Optic Top/Solid Bottom  | ASSD         |        |
| Dust Cover Top/Solid Bottom  | DCSD         |        |
| Batwing Top/Solid Bottom   | BWSD         |        |
| Luminaire Height   |              |        |
| (heights are nominal)  |              |        |
| 8"   | 8            |        |
| 12"  | 12           |        |
| 16"  | 16           |        |
| Indirect Lumen Output  |              |        |
| 200 Lumens per foot  | 200LF        |        |
| 300 Lumens per foot  | 300LF        |        |
| 400 Lumens per foot  | 400LF        |        |
| 500 Lumens per foot  | 500LF        |        |
| 700 Lumens per foot  | 700LF        |        |
| 900 Lumens per foot  | 800LF        |        |
| 1000 Lumens per foot   | 1000LF       |        |
| Color Temperature  |              |        |
| 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  |        |
| Circuit  |              | 1C     |
| Single Circuit   | 1C           |        |
| Voltage  |              | UNV    |
| 120/277 UNV Volt   | UNV          |        |
| Control System & Dimming Level   |              |        |
| 0-10V - 10% Dimming  | LD1          |        |
| 0-10V - 1% Dimming   | L11          |        |
| Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming   | LH1          |        |
| DALI 1% Dimming  | D11          |        |
| Mounting   |              |        |
| (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  | J120         |        |
| (Specify canopy color White (WH), Black (BK) or Titanium Silver (TS). Example: J24WH.)<br>(Consult factory for sloped ceiling applications)          |              |        |
| Factory Options  |              |        |
| Black Cord   | BKCD         |        |
| Acoustic Panel Color   |              |        |
| See page 3 for color offering  |              |        |
| Luminaire Length   |              | ft in  |
| (Leave blank for patterns. Luminaires are 3/4" longer than specified and cannot be cut to length or joined in the field.)                            |              |        |
| Specify length in 1" increments from 3' to 208'  |              | ft in  |
| (Consult factory for alternate lengths.)   |              |        |
| Pattern Options  |              |        |
| (Patterns available with LD1 and L11 drivers only.)<br>(5' minimum leg length for L patterns.<br>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)  |              |        |

# Seem 2 Acoustic Materials

## THE NATURALS (25% SCALE)



## STANDARD PET



## PREMIUM PET



# 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-ethanediylbis-; **Stearic Acid:** Stearic Acid; **Antioxidant 1076:** Benzenepropanoic 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

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# Declare.

**Seem 2 Acoustic**  
**Focal Point, LLC**

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

**Ingredients:**

Polyethylene Terephthalate; Steel; UNS G1008; Copper; Polymethyl methacrylate; Small Electrical Components - RoHS Compliant<sup>1</sup>; Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]; **Polyvinyl chloride:** Steel, carbon; Zinc; Aluminum; Steel manufacture, chemicals; Methyl methacrylate; Polyethylene

<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

FPL-0005  
EXP: 01 JAN 2026  
Original Issue Date: 2024

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

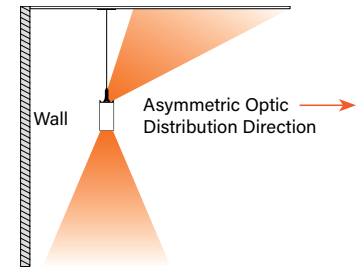
#### 4' PERFORMANCE CHART

| Indirect Lumen Output | Delivered Lumens | Tested System Watts | Lumens per Watt (LPW)   |   |  |
|-----------------------|------------------|---------------------|---|---|--|
|                       |                  |                     |  |  |  |
| AS                    | BW               | DC                  |   |   |  |
| 200LF                 | 800              | 7                   | 117   | 120   | 121  |
| 300LF                 | 1200             | 10                  | 123   | 126   | 127  |
| 400LF                 | 1600             | 12                  | 129   | 131   | 133  |
| 500LF                 | 2000             | 15                  | 132   | 134   | 136  |
| 700LF                 | 2800             | 21                  | 129   | 132   | 134  |
| 900LF                 | 3600             | 27                  | 130   | 133   | 135  |
| 1000LF                | 4000             | 30                  | 130   | 133   | 135  |

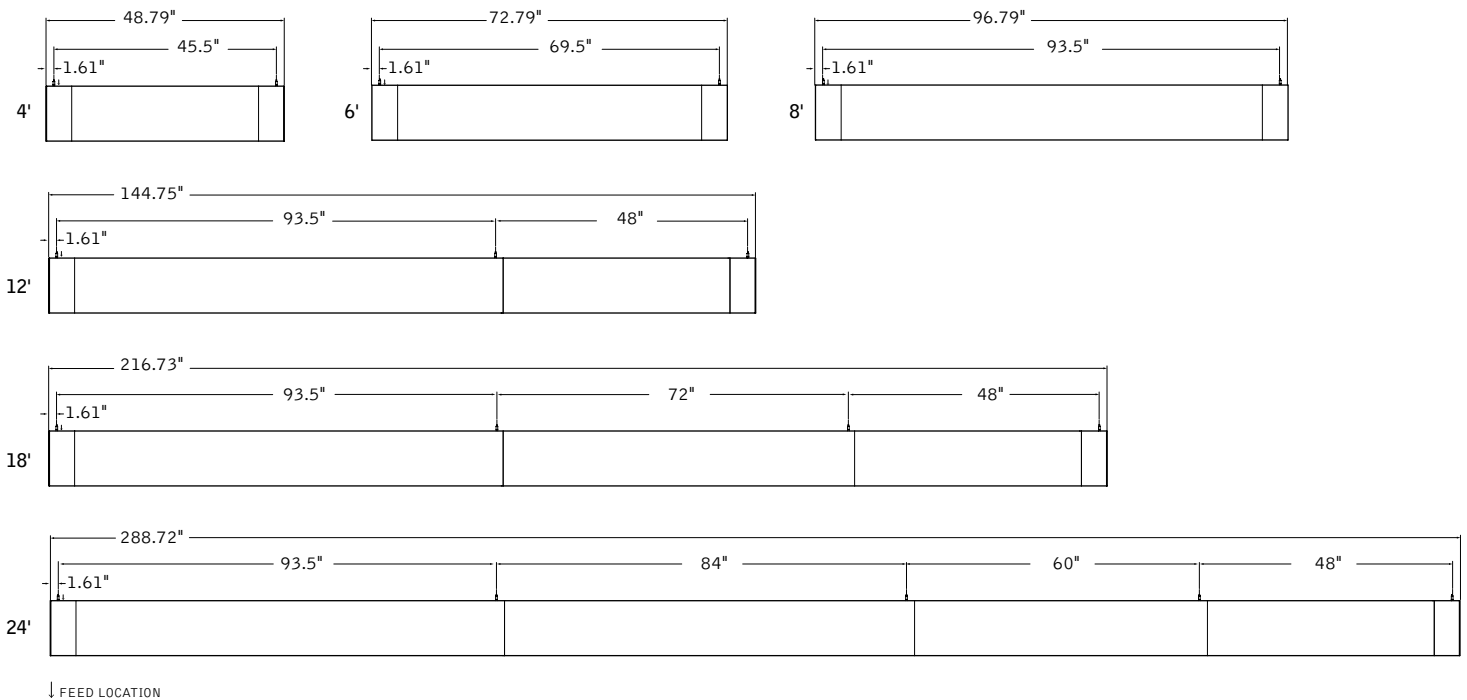
Based on 3500K, 80CRI, 4' lengths. 90 CRI Lumen multiplier = 0.87. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

#### INDIRECT ASYMMETRIC

Standard Application Example



#### 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                        |

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

# 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.

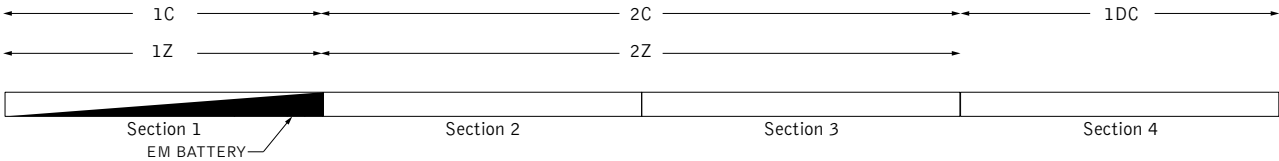
Refer to the run chart for standard run configurations, consult factory for custom configurations.

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           |                   |     | EM |
|                         |                | SWITCHING CIRCUIT                    | DIMMING ZONE | DAYLIGHT ZONE | SEPARATE ELECTRICAL FEEDS |                   |     |    |
|                         |                |                                      |              |               | 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.