## Seem ${ }^{\circ} 4$



DIMENSIONAL DATA

Flush, Asymmetric, Room Fill, 0.5" Pop-Down Lens Grazer Lens

note: requires 4"x2" handy box.

$\downarrow$ Power feed location in 8' start luminaire.

## FEATURES

Narrow extruded aluminum 4" wall mount direct LED.
Individual units and continuous runs in 1' increments.
Available in flush, asymmetric, asymmetric room fill, grazer or $0.5^{\prime \prime}$ pop-down lens.

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

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

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

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

PERFORMANCE


## MOUNTING INFORMATION



4' PERFORMANCE CHART

|  |  |  | LPW |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lumen Output | Nominal Lumens | Tested System Watts |  | AS | AF | GR |
| 275LF | 1100 | 9.5 | 106 | 114 | 114 | 105 |
| 375LF | 1500 | 12.5 | 114 | 123 | 123 | 114 |
| 625LF | 2500 | 21.4 | 113 | 122 | 122 | 113 |
| 875LF | 3500 | 30.4 | 113 | 122 | 122 | 111 |
| 1000LF | 4000 | 35.0 | 112 | 121 | 121 | 110 |
| 1125LF | 4500 | 39.6 | 111 | 119 | 119 | 109 |
| 1250LF | 5000 | 43.5 | 110 | 119 | 118 | 108 |

## STANDARD WHITE

Luminaire Series
Shielding
Asymmetric Lens Asymmetric Room Fill

Flush Satin Lens Grazer
0.5 " Pop-Down Lens (1000LF max.)

## 275 Lumens per foot

(Not available with Lutron Drivers.)
375 Lumens per foot
(Not available with LH1 Drivers)
625 Lumens per foot
(3' minimum with LH1 Drivers)
750 Lumens per foot (Pop-Down Lens only)
875 Lumens per foot
1000 Lumens per foot
1125 Lumens per foot
1250 Lumens per foot
Color Temperature
$2700 \mathrm{~K}, 80+$ CRI or $90+$ CRI
$3000 \mathrm{~K}, 80+$ CRI or $90+$ CRI
$3500 \mathrm{~K}, 80+$ CRI or $90+$ CRI
$4000 \mathrm{~K}, 80+$ CRI or $90+$ CRI

## Circuits \& Zones

1 Circuit, non-emergency
Consult Ordering Guide on page 3 for multiple circuiting and zoning options

Voltage
120/277 UNV Volt Low Voltage
Control System \& Dimming Level
0-10V-10\% Dimming
0-10V - 1\% Dimming
Low Voltage, PoE compatible
(No driver. Not available with EM or EC .
Lutron Hi-Lume EcoSystem (LDE1)
-1\% Dimming
DALI 1\% Dimming
Mounting
Nall Mount
Factory Options
(See Ordering Guide on page 3 for ordering details for $\mathrm{DC}, \mathrm{EC}, \mathrm{EM} \&$ ECD.).
Daylight Circuit

Emergency Circuit
Emergency Battery Pack ${ }^{\dagger}$
Emergency Control Device ${ }^{\dagger}$ EM or ECD not available at corners.

Finish
(See finishes page for The Naturals options)
Titanium Silver
Matte White Housing
Luminaire Length
(Leave blank for patterns. Lengths are nominal)
Specify luminaire/row
length in $1^{\prime}$ increments
(2' minimum length. Smaller increments

| Pattern Options <br> (3' minimum length) |  |
| ---: | :--- |
| 'L' pattern | $\mathrm{A}^{\prime} \times \mathrm{B}^{\prime}$ |
| ' $\mathrm{U}^{\prime}$ pattern | $\mathrm{A}^{\prime} \times \mathrm{B}^{\prime} \times \mathrm{C}^{\prime}$ |
| Rectangur pattern | $\mathrm{A}^{\prime} \times \mathrm{B}^{\prime} \mathrm{R}$ |

FSM4LW

AS
AF
FL

1 C

UNV
LV

LD1
L11
LVN

LH1
D11

WM
_DC

EM
_ECD

TS
WH
$X^{\prime}$
$\longrightarrow$ PD05

750LF
875LF
1000LF
1125LF
1250LF
27K or 927K
30K or 930K
35 K or 935 K
0K or 940K
_C_Z_DL
FSM4LW
$\qquad$
$\square$
$\qquad$



$\qquad$ -
$\qquad$

4' PERFORMANCE CHART - POP-DOWN

| Lumen <br> Output |  | Nominal <br> Lumens | Tested <br> System Watts |
| :---: | :---: | :---: | :---: |
| 275 LF | 1100 | 12.5 | LPW |
| 375LF | 1500 | 16.7 | 89 |
| 625LF | 2500 | 29.8 | 91 |
| 750 LF | 3000 | 36 | 88 |
| 875LF | 3500 | 40.6 | 81 |
| 1000LF | 4000 | 52 | 91 |

## MOUNTING INFORMATION

| CCT | Multiplier |
| :---: | :---: |
| 2700 K | 1.00 |
| 3000 K | 0.92 |
| 3500 K | 0.88 |
| 4000 K | 0.86 |
| 5000 K | 0.85 |
| 5700 K | 0.87 |
| 6500 K | 0.90 |

Based on $2700 \mathrm{~K}, 80 \mathrm{CRI}, 4^{\prime}$ lengths. Lumen output may vary $+/-5 \%$. Actual wattage may vary $+/-5 \%$.

|  |  | 0. |  |
| :---: | :---: | :---: | :---: |
| Lumen <br> Output | Nominal Lumens | Tested System Watts | LPW |
| 275LF | 1100 | 17.14 | 64.7 |
| 375LF | 1500 | 22.79 | 66.5 |
| 625LF | 2500 | 35.49 | 70.6 |
| 750LF | 3000 | 42.39 | 70.8 |

Lumen Multipliers

\[\)|  CRI  |  Multiplier  |
| :---: | :---: |
| $80+$ | 1.00 |
| $90+$ | 0.89 |

\]



TW 4' PERFORMANCE CHART - POP-DOWN

## Wattage Multipliers

TW
TUNABLE WHITE

## 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 $2700 \mathrm{~K}, 3000 \mathrm{~K}, 3500 \mathrm{~K}$ or 4000 K with CRI>80 or CRI>90, 3 SDCM or Tunable White (2700K-6500K), CRI>80, $>90$. 3500 K and 4000 K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below.

## Construction

One piece extruded aluminum housing. Die cast aluminum end caps. 2' unit weight: 10 lbs., $3^{\prime}$ unit weight: $14 \mathrm{lbs} ., 4$ ' unit weight: $18 \mathrm{lbs} ., 5^{\prime}$ unit weight: 22 lbs.

## Optic

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

## Electrical

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

## Emergency

Output - 10 watts for 90 minutes. Maximum mounting height: 19.2ft.

## 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. The Naturals: $100 \%$ low VOC vinyl.

| Lumen Maintenance |  |  |
| :--- | :--- | :--- |
|  |  |  |
| Reported: | $L 70>61,000$ | hours |
|  | $L 90>61,000$ | hours |$\quad$ Calculated: | $L 70$ at $>480,000$ hours |  |
| :--- | :--- |
|  | $L 90$ at $>128,000$ 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 $25^{\circ} \mathrm{C}$. 5 -year limited warranty.

## DIRECT ASYMMETRIC

Standard Application Example


DIRECT ASYMMETRIC ROOM FILL Standard Application Example


## Asymmetric Room Fill Lens

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

DIRECT GRAZER
Standard Application Example


## Grazer Lens

The grazer optic closely grazes walls, highlighting textures and architectural details. It is intended to provide even illumination and deliver maximum visual impact on the vertical surfaces.

## Finishes

## STANDARD FINISHES



THE NATURALS (25\% SCALE)


## Ordering Guide

## Direct 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.


ORDERING: FSM4L-FL-625LF-35K- 2C2Z -UNV-LD1-G2- 1DC-1EM -WH-32ft


| KEY |  |
| :--- | :--- |
| C = Switching Circuit | DC = Daylight Circuit |
| Switched Hot / Shared Neutral | Switched Hot / Separate Neutral |
| Z = Dimming Zone | EC = Emergency Circuit |
| Dimming Control Wires | Switched Hot / Separate Neutral |
| DL = Daylight Zone | EM = Emergency Battery |
| Daylight Dimming Control Wires | 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 <br> Linear Circuitry, Zones \& Factory Options

|  | TOTAL RUN LENGTH: |  | JOB NAME: |  |  | FIXTURE TYPE: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | HOUSING SECTION | SECTION <br> LENGTH | SHARED ELECTRICAL FEED, NORMAL POWER |  |  | FACTORY OPTIONS |  |  | EM |
|  |  |  |  |  |  | SEPARATE ELECTRICAL FEEDS |  |  |  |
|  |  |  | SWITCHING CIRCUIT | $\begin{aligned} & \text { DIMMING } \\ & \text { ZONE } \end{aligned}$ | $\begin{aligned} & \text { DAYLIGHT } \\ & \text { ZONE } \end{aligned}$ | DAYLIGHT CIRCUIT | EMERGENCY CIRCUIT | ECD |  |
|  | 1 |  |  |  |  |  |  |  |  |
|  | 2 |  |  |  |  |  |  |  |  |
|  | 3 |  |  |  |  |  |  |  |  |
|  | 4 |  |  |  |  |  |  |  |  |
|  | 5 |  |  |  |  |  |  |  |  |
|  | 6 |  |  |  |  |  |  |  |  |
|  | 7 |  |  |  |  |  |  |  |  |
|  | 8 |  |  |  |  |  |  |  |  |
|  | 9 |  |  |  |  |  |  |  |  |
|  | 10 |  |  |  |  |  |  |  |  |
|  | 11 |  |  |  |  |  |  |  |  |
|  | 12 |  |  |  |  |  |  |  |  |
|  | 13 |  |  |  |  |  |  |  |  |
|  | 14 |  |  |  |  |  |  |  |  |
|  | 15 |  |  |  |  |  |  |  |  |
|  | 16 |  |  |  |  |  |  |  |  |
|  | 17 |  |  |  |  |  |  |  |  |
|  | 18 |  |  |  |  |  |  |  |  |
|  | 19 |  |  |  |  |  |  |  |  |
|  | 20 |  |  |  |  |  |  |  |  |
|  | Totals / Orc | ring Codes | _C | _ | _DL | _DC | _EC | _ECD | _EM |

Combine to create Circuits \& Zones ordering code
Enter as individual Factory Options


