

Seem[®] 4

LED WALL TO CEILING CORNER



RL



end detail



wall mount companion



suspended companion

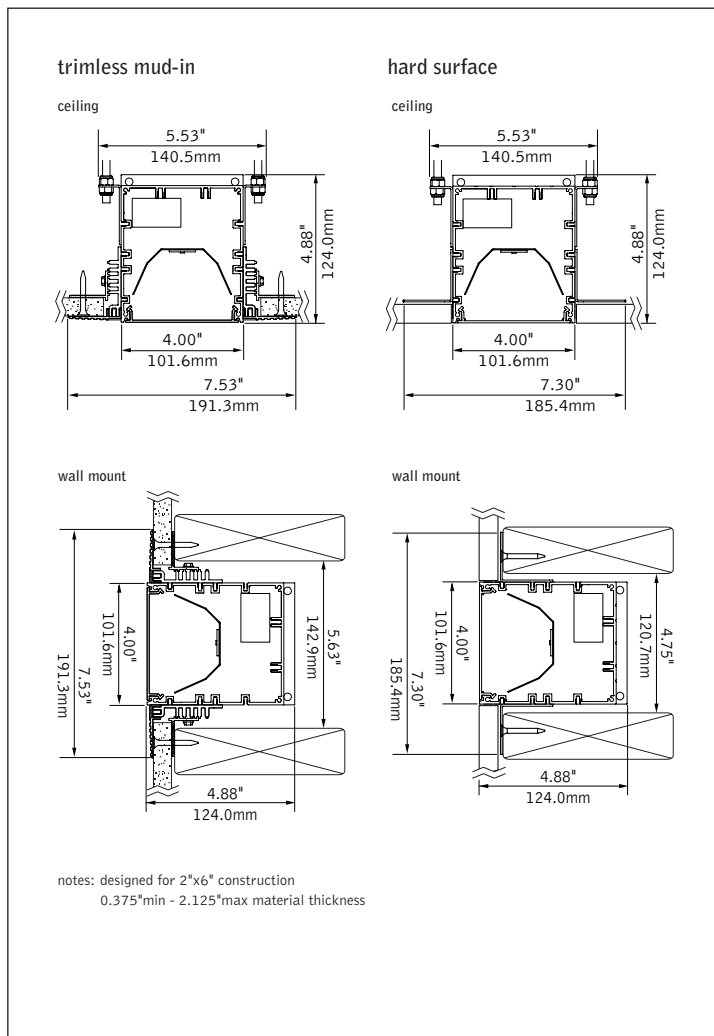


recessed companion



perimeter companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 4" aperture recessed slot LED that transitions from wall to ceiling.

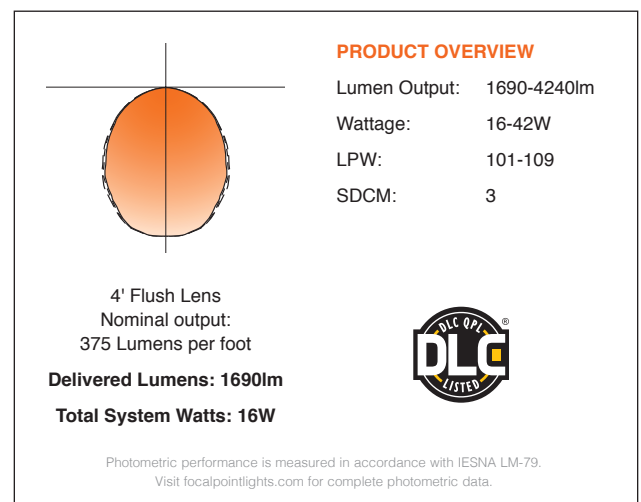
Clean and minimal trimless drywall mounting.

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

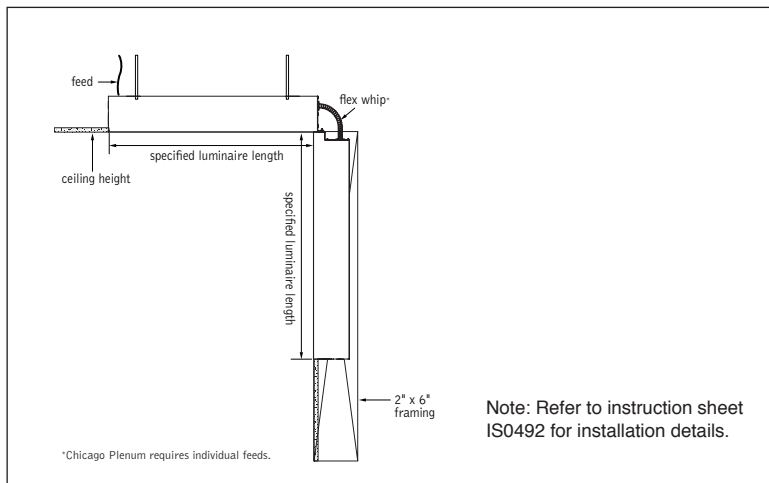
LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

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

PERFORMANCE



DETAILS



Note: Refer to instruction sheet IS0492 for installation details.

*Chicago Plenum requires individual feeds.

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 CRI>80 or CRI>90, 3SDCM. LED modules and drivers are replaceable from below.

Construction

One piece extruded aluminum housing. 20 Ga. steel end caps. Housing for new construction applications. XFW acceptable for use with wood, consult factory for Type IC availability. 2' unit weight: 18 lbs., 3' unit weight: 24 lbs., 4' unit weight: 30 lbs., 5' unit weight: 36 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.

Emergency

Output - 10 watts for 90 minutes. Maximum mounting height: 19.2ft. See EM/EC Guide for default locations and ordering details.

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.

Lumen Maintenance

Reported: L70 > 61,000 hours Calculated: L70 at > 287,000 hours
 L90 > 61,000 hours L90 at > 74,000 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.

4' PERFORMANCE CHART

| Shielding | Lumens per Foot | Delivered Lumens | Tested System Watts | LPW |
|------------|-----------------|------------------|---------------------|-----|
| Flush Lens | 375LF | 1690 | 16 | 106 |
| | 625LF | 2810 | 26 | 109 |
| | 875LF | 3860 | 37 | 105 |
| | 1000LF | 4240 | 42 | 101 |

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

ORDERING

| | | |
|---|--|--------------------|
| Luminaire Series | Seem 4 LED | FSM4L |
| Shielding | Flush Satin Lens | FL |
| Lumen Output | 275 Lumens per foot <small>(Not available with Lutron Drivers)</small> | 275LF |
| | 375 Lumens per foot <small>(Not available with LU5 & LH1 Drivers)</small> | 375LF |
| | 625 Lumens per foot <small>(3' minimum with LU5 & LH1 Drivers)</small> | 625LF |
| | 875 Lumens per foot | 875LF |
| | 1000 Lumens per foot | 1000LF |
| Color Temperature | 2700K, 80+ CRI or 90+ CRI | 27K or 927K |
| | 3000K, 80+ CRI or 90+ CRI | 30K or 930K |
| | 3500K, 80+ CRI or 90+ CRI | 35K or 935K |
| | 4000K, 80+ CRI or 90+ CRI | 40K or 940K |
| Circuit | Single Circuit | 1C |
| Voltage | UNV 120/277 Volt | UNV |
| Control System & Dimming Level | 0-10V - 10% Dimming | LD1 |
| | 0-10V - 1% Dimming | L11 |
| | Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming | LH1 |
| | Lutron 5-Series EcoSystem (LDE5) - 5% Dimming | LU5 |
| | DALI - 1% Dimming | D11 |
| Mounting | Wall to Ceiling Corner, pre-set for 1/2" Drywall | CXF1 |
| | Wall to Ceiling Corner, pre-set for 5/8" Drywall | CXF2 |
| | Wall to Ceiling Corner, set drywall thickness in field <small>(Mounting equipment assembled in field)</small> | CXFF |
| | Wall to Ceiling Corner, non-drywall hard surface | CXFN |
| | Wall to Ceiling Corner, wood | CXFW |
| Factory Options | Chicago Plenum | CP |
| | Emergency Circuit | _EC |
| | Emergency Battery Pack <small>(4' minimum. See EM/EC Guide for default locations and ordering details.)</small> | _EM |
| | 6' New York City Flex Whip (120V) | FNY1 |
| | 6' New York City Flex Whip (277V) | FNY2 |
| | 6' Flex Whip | FW |
| Finish | Matte White Housing | WH |
| Luminaire Length <small>(Lengths are nominal)</small> | Specify luminaire/row length in 1' increments | X'CX'W |

Example: 12C6W= 12' in ceiling, 6' in wall

Seem® EM/EC Guide

FSM1, FSM1S, FSM1W, FSM2L-FL, FSM2L-FL2, FSM2LS, FSM2LW, FSM4L-FL/SR/SRXP, FSM4L-FL2, FSM4LS, FSM4LW, FSM4LP, FSM6L-FL/SR/SRXP*



DEFAULT LOCATIONS

- By default, EM/EC are located at the end (last section) of a run when one EM/EC location is specified, and at the start and end when two locations are specified.
- EM/EC illuminate entire sections from 4' to 8' in length.
- Feed location is at start of run. All EC's are fed individually at the end of each fixture segment.

1 EM/EC – END OF RUN



Ordering example: FSM4L-FL... **1EM-WH-36ft**

2 EM/EC – START & END OF RUN

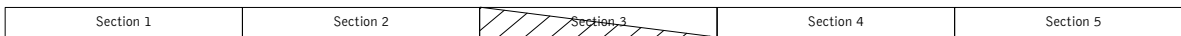


Ordering example: FSM4L-FL... **2EM-WH-36ft**

ALTERNATE LOCATIONS AND QUANTITIES

- If more than two locations are required, or specific locations within run need to be specified, indicate in the ordering string.

ONE EM IN 3RD SECTION



Ordering example: FSM4L-FL... **1EM-3-WH-40ft**

THREE EM IN 1ST, 3RD AND 6TH SECTIONS



Ordering example: FSM4L-FL... **3EM-1-3-6-WH-48ft**

CUSTOM LENGTHS

- If partial illumination of emergency section is required, indicate quantity in ordering string and partial illumination in Order Notes. Drawing required.
- Longer lead times may apply.

| Run length (ft) | Housing Configuration Section Lengths |
|-----------------|---------------------------------------|
| 9 | 5 + 4 |
| 10 | 6 + 4 |
| 11 | 7 + 4 |
| 12 | 8 + 4 |
| 13 | 8 + 5 |
| 14 | 8 + 6 |
| 15 | 8 + 7 |
| 16 | 8 + 8 |
| 17 | 8 + 5 + 4 |
| 18 | 8 + 6 + 4 |
| 19 | 8 + 7 + 4 |
| 20 | 8 + 8 + 4 |
| 21 | 8 + 8 + 5 |
| 22 | 8 + 8 + 6 |
| 23 | 8 + 8 + 7 |
| 24 | 8 + 8 + 8 |
| 25 | 8 + 8 + 5 + 4 |
| 26 | 8 + 8 + 6 + 4 |
| 27 | 8 + 8 + 7 + 4 |

| Run length (ft) | Housing Configuration Section Lengths |
|-----------------|---------------------------------------|
| 28 | 8 + 8 + 8 + 4 |
| 29 | 8 + 8 + 8 + 5 |
| 30 | 8 + 8 + 8 + 6 |
| 31 | 8 + 8 + 8 + 7 |
| 32 | 8 + 8 + 8 + 8 |
| 33 | 8 + 8 + 8 + 5 + 4 |
| 34 | 8 + 8 + 8 + 6 + 4 |
| 35 | 8 + 8 + 8 + 7 + 4 |
| 36 | 8 + 8 + 8 + 8 + 4 |
| 37 | 8 + 8 + 8 + 8 + 5 |
| 38 | 8 + 8 + 8 + 8 + 6 |
| 39 | 8 + 8 + 8 + 8 + 7 |
| 40 | 8 + 8 + 8 + 8 + 8 |
| 41 | 8 + 8 + 8 + 8 + 5 + 4 |
| 42 | 8 + 8 + 8 + 8 + 6 + 4 |
| 43 | 8 + 8 + 8 + 8 + 7 + 4 |
| 44 | 8 + 8 + 8 + 8 + 8 + 4 |
| 45 | 8 + 8 + 8 + 8 + 8 + 5 |
| 46 | 8 + 8 + 8 + 8 + 8 + 6 |
| 47 | 8 + 8 + 8 + 8 + 8 + 7 |
| 48 | 8 + 8 + 8 + 8 + 8 + 8 |

Standard run configurations, consult factory for custom configurations.

*Recessed and suspended only. Does not include direct/indirect, pop-down lens or asymmetric options.