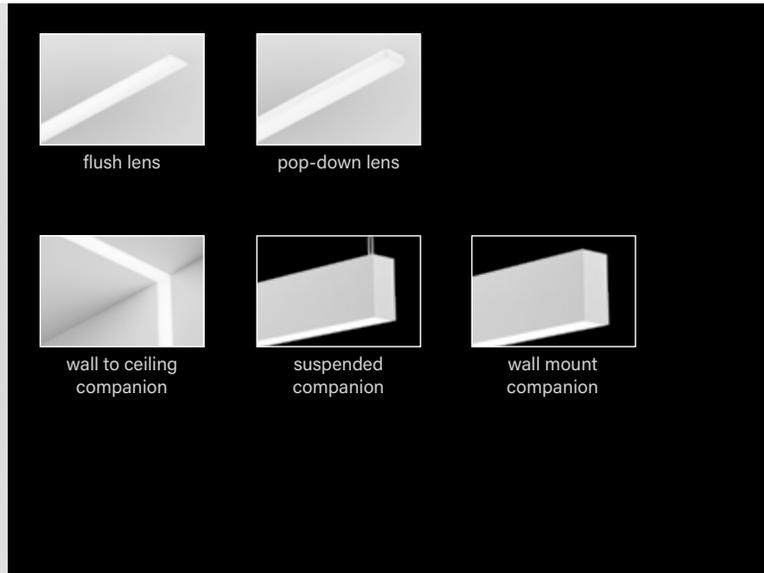
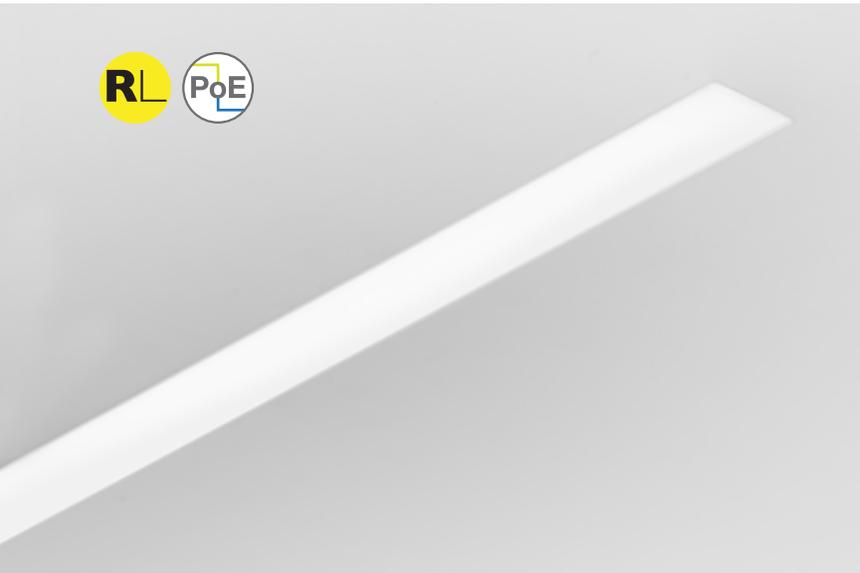
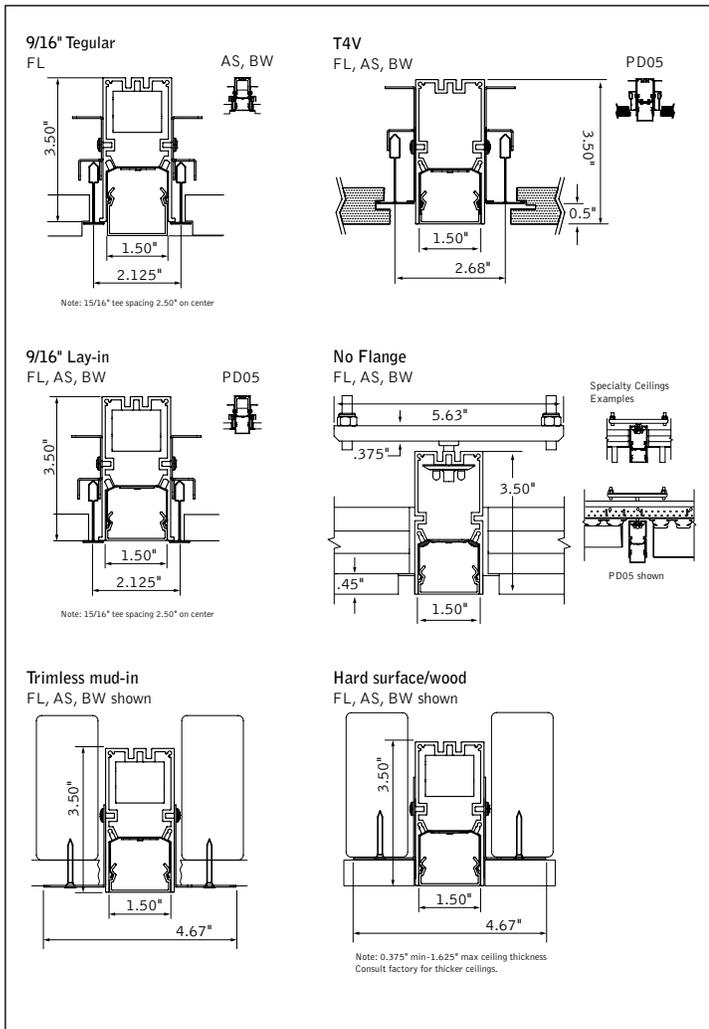


Seem® 1

LED RECESSED



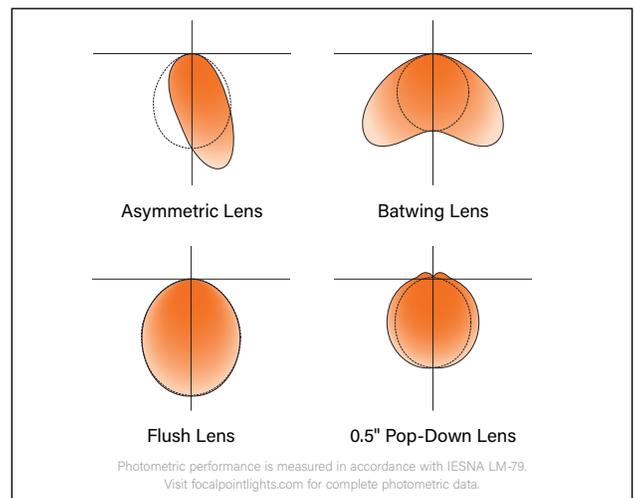
DIMENSIONAL DATA



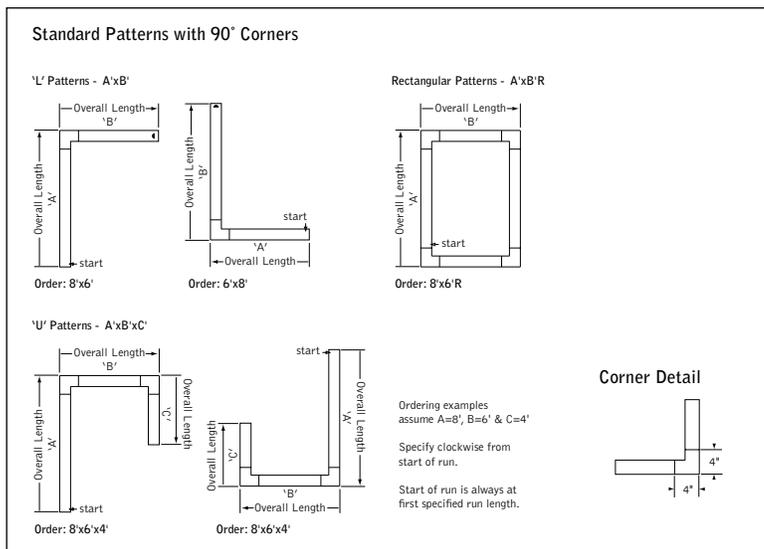
FEATURES

- Narrow extruded aluminum 1.5" recessed linear slot LED with Asymmetric, Batwing and Pop-Down lens options.
- Individual units and continuous runs in 1" increments.
- 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.
- PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

DISTRIBUTIONS



DETAILS



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 3000K, 3500K or 4000K with both 80 and 90 CRI options. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below. Color accuracy <3 SDCM.

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. 8' unit weight: 15lbs.

Optic

Reflectors fabricated of 22 Ga. steel finished in High Reflectance White powder coat. Extruded acrylic lens .07" thick with frosted finish, up to 8' continuous. 15-30" recommended distance from wall for Asymmetric Lens (AS).

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. 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 Battery

Emergency output - 10 watts for 90 minutes.

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 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. 5-year limited warranty.

4' PERFORMANCE CHART

See page 3.

ORDERING

Luminaire Series

Seem 1 LED FSM1

Shielding

Asymmetric Lens AS
 Batwing Lens BW
 Flush Lens FL
 0.5" Pop-Down Lens PD05
(Not available with T1, T2, T4, T5 tegular ceiling configurations.)

Lumen Output

125 Lumens per foot 125LF
(4' minimum length. Consult factory for Lutron, DALI)
 250 Lumens per foot 250LF
(3' minimum length)
 375 Lumens per foot 375LF
 500 Lumens per foot 500LF
 625 Lumens per foot 625LF

Color Temperature

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

Circuits & Zones

1 Circuit, non-emergency 1C
 Consult Ordering Guide on page 4 for multiple circuiting and zoning options _C_Z_DL

Voltage

120/277 UNV Volt UNV
 347 Volt 347
(LD1 driver only)
 Low Voltage LV

Control System & Dimming Level

0-10V - 10% Dimming LD1
 0-10V - 1% Dimming L11
 Low Voltage, PoE compatible LVN
(No driver. Not available with EM or EC. LV Voltage only.)
 Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming LH1
 DALI 1% Dimming D11

Ceiling Configuration

Std. 15/16" Lay-in or Std. 15/16" Tegular G1 or T1
 Std. 9/16" Lay-in or Std. 9/16" Tegular G2 or T2
 9/16" Slot-tee Tegular G3
 Tall 15/16" Lay-in or Tall 15/16" Tegular G4 or T4
 Tall 15/16" Tegular for specialty ceilings (0.5" drop) T4V
 Tall 9/16" Lay-in or Tall 9/16" Tegular G5 or T5
 Node 9/16" Tegular T6
 No Flange for specialty ceilings NF
(Ex. slat, panel, cloud systems.)
 Mud-in Trimless XFF
 Non-Drywall Hard Surface XFN
 Hard Surface, Wood XFW

Factory Options

(See Ordering Guide on page 4 for ordering details for DC, EC, EM & ECD.)
 Chicago Plenum CP
 Daylight Circuit _DC
 Emergency Circuit _EC
 Emergency Battery Pack† _EM
 Emergency Control Device† _ECD
†(4' minimum length, 120/277 Volt only.)
 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

Specify luminaire/row length in 1" increments _ft_in

(2' minimum, lengths are nominal 1" increments based on T-centers. Housing length is 1" shorter than specified. Leave blank for patterns. Smaller increments available, consult factory.)

Pattern Options

(3' minimum length)
 '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. 1000' total, 48' maximum per pattern section. Refer to Quickship Guide for complete details including EM/EC options.

4' PERFORMANCE CHART

Lumen Output	Delivered Lumens	Tested System Watts	Lumens Per Watt (LPW)			
			AS	BW	FL	PD05
125LF	500	6	82	81	75	76
250LF	1000	10	105	98	98	99
375LF	1500	15	110	103	104	105
500LF	2000	19	114	106	106	107
625LF	2500	24	110	103	103	100

Based on 3500K, 4' length. Lumen multipliers: Preferred Light = 0.65, 90 CRI = 0.87.
 Delivered lumens may vary +/- 5%. Actual wattage may vary +/- 5%

DIRECT ASYMMETRIC Standard Application Example

