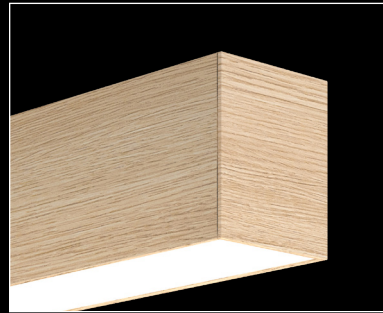
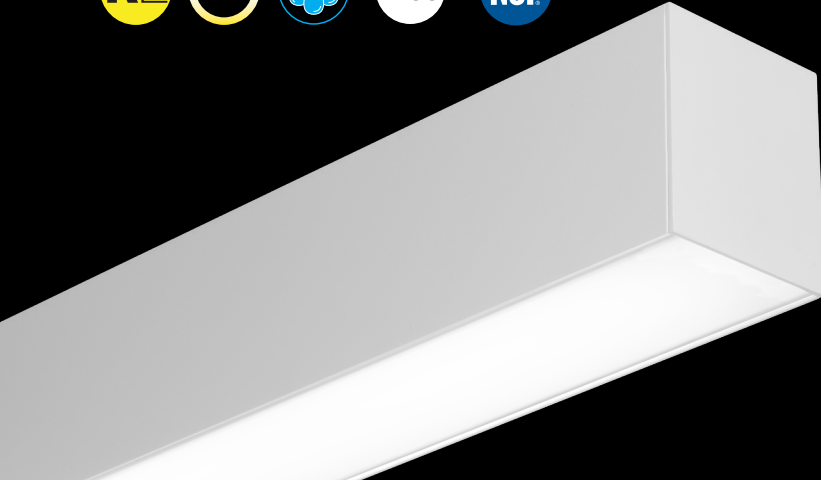
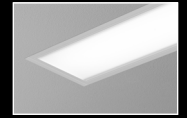


Seem® 4

LED - SURFACE MOUNT | WET LOCATION

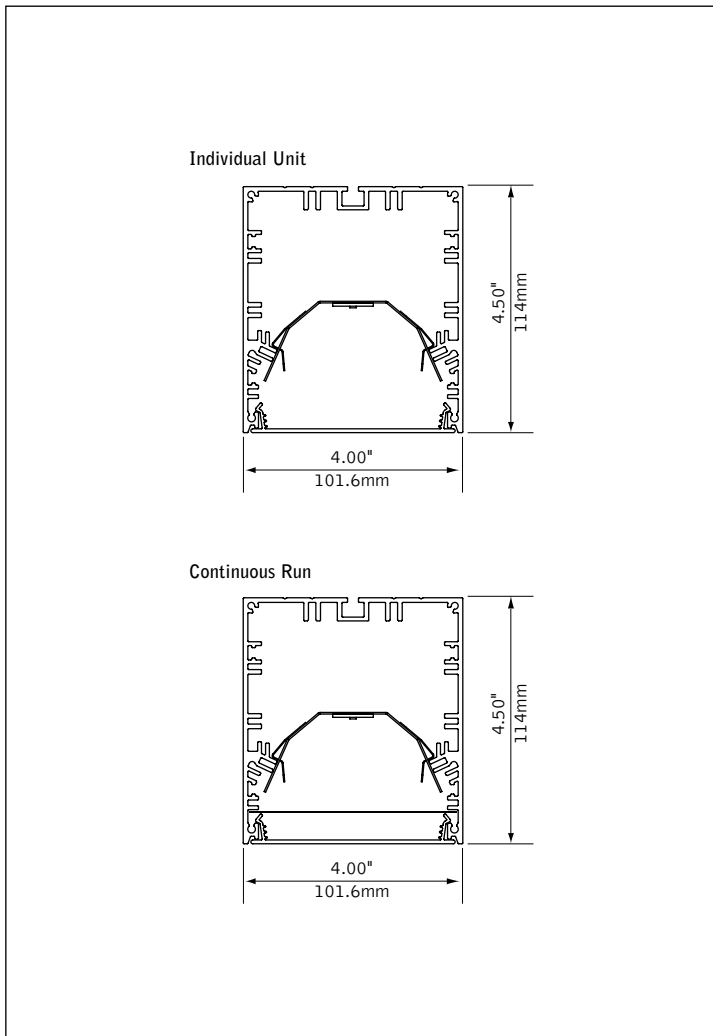


The Naturals collection - Light Oak shown



recessed companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 4" linear direct LED.

Individual units and continuous runs in 1' increments.

Available in flush, asymmetric, asymmetric room fill or batwing, lens.

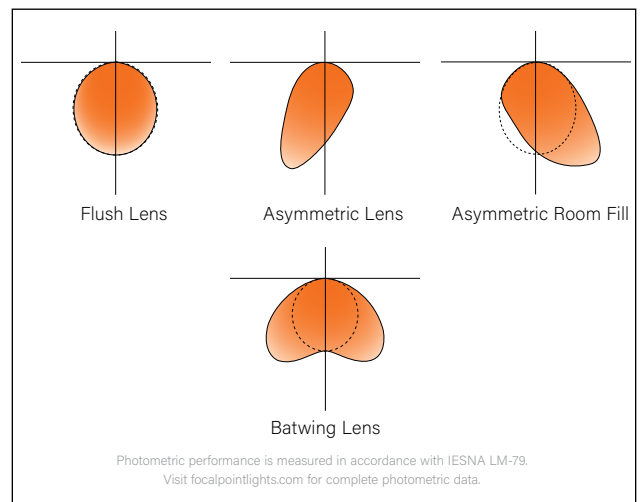
LED position and lens material optimized to provide the perfect blend of high performance and visual comfort.

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

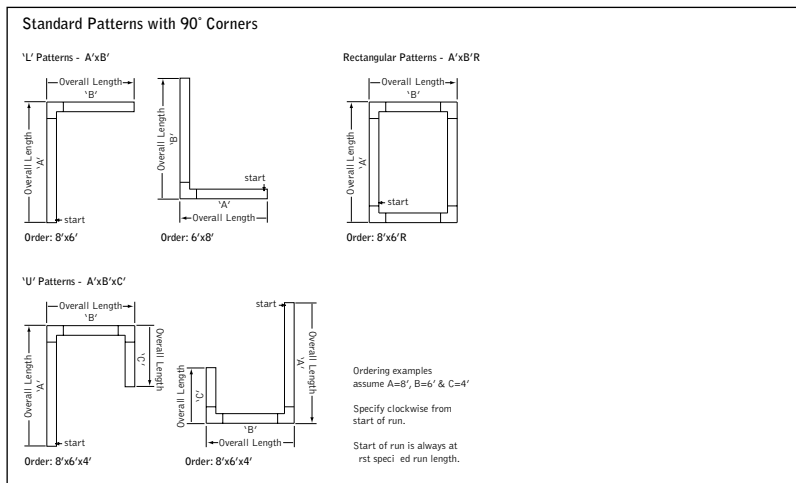
Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

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

PERFORMANCE



DETAILS



4' PERFORMANCE CHART

| Lumen Output | Nominal Lumens | BW | | FL | | AS | | AF | |
|--------------|----------------|---------------------|-----|---------------------|-----|---------------------|-----|---------------------|-----|
| | | Tested System Watts | LPW | Tested System Watts | LPW | Tested System Watts | LPW | Tested System Watts | LPW |
| 275LF | 1100 | 8.8 | 125 | 9.1 | 121 | 8.5 | 130 | 8.6 | 128 |
| 375LF | 1500 | 11.3 | 133 | 11.7 | 129 | 10.8 | 138 | 11 | 137 |
| 625LF | 2500 | 19 | 131 | 19.9 | 126 | 18.3 | 137 | 18.5 | 135 |
| 875LF | 3500 | 27 | 130 | 27.9 | 125 | 25.9 | 135 | 26.2 | 133 |
| 1000LF | 4000 | 31.1 | 129 | 32.2 | 124 | 29.8 | 134 | 30.2 | 132 |
| 1125LF | 4500 | 35.4 | 127 | 36.6 | 123 | 33.9 | 133 | 34.4 | 131 |
| 1250LF | 5000 | 39.8 | 126 | 41.2 | 121 | 38.1 | 131 | 38.6 | 129 |

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

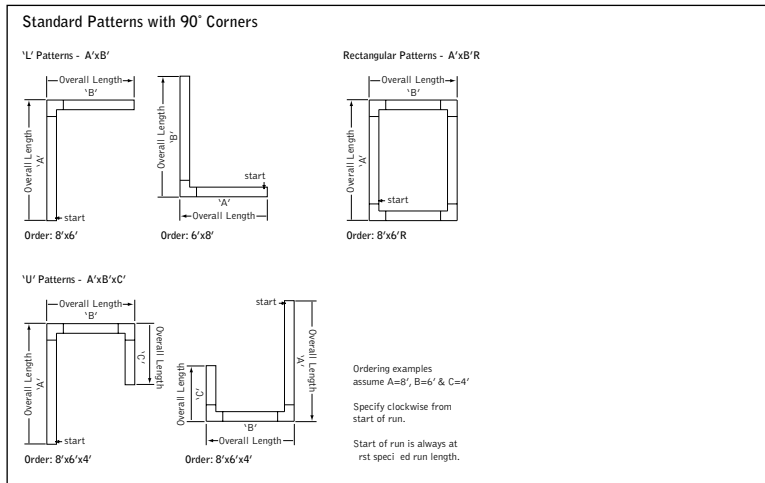
STANDARD WHITE

| | |
|-----------------------------------------------------------------------------|-----------------|
| Luminaire Series | FSM4LWLS |
| Seem 4 LED Wet Location | FSM4LWLS |
| Shielding | |
| Asymmetric Lens* | AS |
| Asymmetric Room Fill* | AF |
| Batwing Lens* | BW |
| Flush Satin Lens | FL |
| (*individual units only) | |
| Lumen Output | |
| 275 Lumens per foot (LD1 & L11 only) | 275LF |
| 375 Lumens per foot (LD1 & L11 only) | 375LF |
| 625 Lumens per foot (3' minimum with LH1) | 625LF |
| 875 Lumens per foot | 875LF |
| 1000 Lumens per foot | 1000LF |
| 1125 Lumens per foot | 1125LF |
| 1250 Lumens per foot | 1250LF |
| Color Temperature | |
| 3000K, 80+ CRI | 30K |
| 3500K, 80+ CRI | 35K |
| 4000K, 80+ CRI | 40K |
| Circuits & Zones | |
| 1 Circuit, non-emergency | 1C |
| Consult Ordering Guide on page 3 for multiple circuiting and zoning options | _C_Z_DL |
| 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 (3' minimum length) | LH1 |
| Mounting | SM |
| Surface Mount | SM |
| Factory Options | |
| (See page 4 for ordering details for DC, EC, EM & ECD.) | |
| Daylight Circuit | _DC |
| Emergency Circuit | _EC |
| Emergency Battery Pack† | _EM |
| Emergency Control Device† | _ECD |
| †(4' minimum. 120/277 Volt only. EM or ECD not available at corners.) | |
| IP65 Rated (individual units only) | IP65 |
| Outdoor Rated (LD1 only. Not available with EM.) | OD |
| Finish | |
| (See finishes page for The Naturals options) | |
| Matte White Housing | WH |
| Luminaire Length | |
| Specify luminaire/row length in 1' increments (2' minimum length.) | X' |
| Pattern Options | |
| (3' minimum length) | |
| 'L' pattern | A' x B' |
| 'U' pattern | A' x B' x C' |
| Rectangular pattern | A' x B'R |

fixture:

project:

DETAILS



TW 4' PERFORMANCE CHART

| Lumen Output | Nominal Lumens | Tested System Watts | LPW | |
|--------------|----------------|---------------------|------|------|
| | | | BW | FL |
| 275LF | 1100 | 13.30 | 87.3 | 83.2 |
| 375LF | 1500 | 17.34 | 90.8 | 86.5 |
| 625LF | 2500 | 27.84 | 94.0 | 89.5 |
| 875LF | 3500 | 37.22 | 98.9 | 94.2 |
| 1000LF | 4000 | 42.39 | 99.2 | 94.4 |
| 1125LF | 4500 | 50.27 | 93.9 | 89.4 |

Based on 2700K, 80CRI, 4' lengths. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Lumen Multipliers

| CRI | Multiplier |
|-----|------------|
| 80+ | 1.00 |
| 90+ | 0.89 |

Wattage Multipliers

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



TUNABLE WHITE

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Luminaire Series | FSM4LWLS |
| Seem 4 LED Wet Location | |
| Shielding | |
| Batwing Lens | BW |
| (individual units only) | |
| Flush Satin Lens | FL |
| Lumen Output | |
| 275 Lumens per foot (3' min. with D1TW) | 275LF |
| 375 Lumens per foot | 375LF |
| 625 Lumens per foot | 625LF |
| 875 Lumens per foot | 875LF |
| 1000 Lumens per foot | 1000LF |
| 1125 Lumens per foot | 1125LF |
| Color Temperature | |
| Tunable White: 2700-6500K, 80+ CRI | 2765T |
| Tunable White: 2700-6500K, 90+ CRI | 92765T |
| Circuits & Zones | |
| 1 Circuit, non-emergency | 1C |
| Consult Ordering Guide on page 3 for multiple circuiting and zoning options | _C_Z_DL |
| Voltage | |
| 120/277 UNV Volt | UNV |
| Control System & Dimming Level | |
| DALI - 1% Dimming (Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time applies.) | D1TW |
| Mounting | |
| Surface Mount | SM |
| Factory Options | |
| (See page 4 for ordering details for DC, EC, EM & ECD.) | |
| Daylight Circuit | _DC |
| Emergency Circuit | _EC |
| Emergency Battery Pack [†] | _EM |
| Emergency Control Device [†] (Consult factory) | _ECD |
| IP65 Rated (individual units only) | IP65 |
| Finish | |
| (See finishes page for The Naturals options) | |
| Matte White Housing | WH |
| Luminaire Length | |
| Specify luminaire/row length in 1' increments (2' minimum length.) | X' |
| Pattern Options | |
| (3' minimum length) | |
| 'L' pattern | A' x B' |
| 'U' pattern | A' x B' x C' |
| Rectangular pattern | A' x B'R |

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, 3 SDCM or Tunable White (2700K-6500K), CRI>80, >90. 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' unit weight: 14 lbs., 4' unit weight: 18 lbs., 5' 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.

Emergency

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

Labels

UL and cUL Listed. Suitable for Dry, Damp or Wet Locations, indoor use only. Specify Outdoor rated (OD) for outdoor covered ceiling applications. Outdoor rating not available with Tunable White. IP65 per IEC 60529 ensures that the enclosure is dust-tight and protected against jet streams of water from any direction without any harmful effects.

Finish

Polyester powder coat applied over a multi-stage pre-treatment. Canopy and cord white as standard. The Naturals: 100% low VOC vinyl.

Lumen Maintenance

Reported: L70 > 61,000 hours Calculated: L70 at > 480,000 hours
 L90 > 61,000 hours L90 at > 128,000 hours
 (Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.)

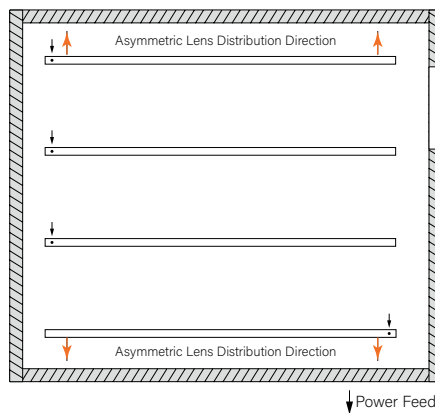
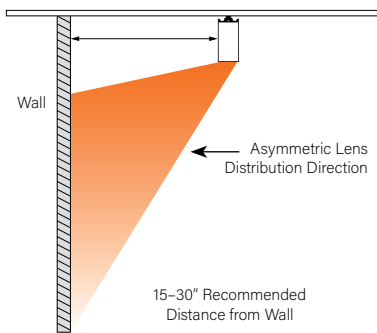
Reliability

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.

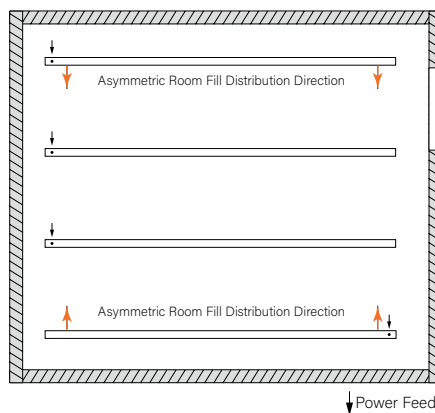
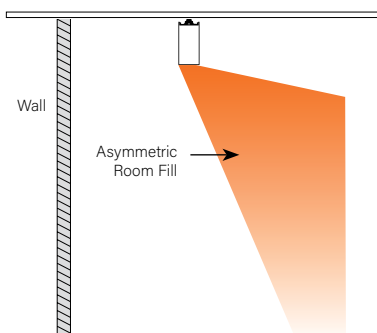
Warranty

LED System rated for operation in ambient environments up to 25°C. 5-year limited warranty. Fixture with Outdoor rated (OD) option must be installed in a covered ceiling and is warranted for operation in ambient environments between -20°C to +40°C.

DIRECT ASYMMETRIC
 Standard Application Example



DIRECT ASYMMETRIC ROOM FILL
 Standard Application Example



Finishes

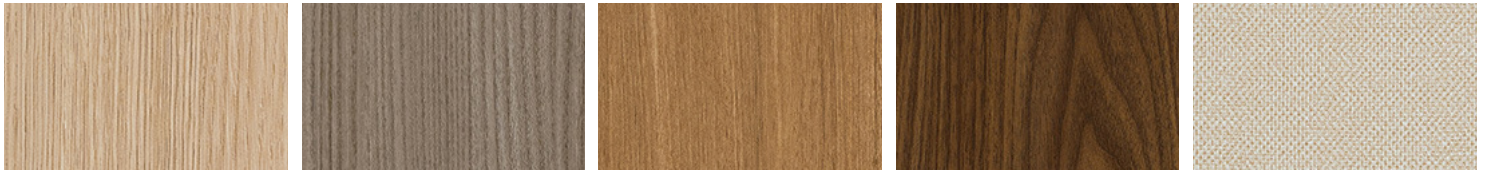


STANDARD FINISHES



WHITE WH BLACK BK TITANIUM SILVER TS

THE NATURALS (25% SCALE)



LIGHT OAK LOK GRAY ELM GRE CHESTNUT CHT WALNUT WLT WOVEN LINEN WLN