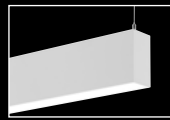
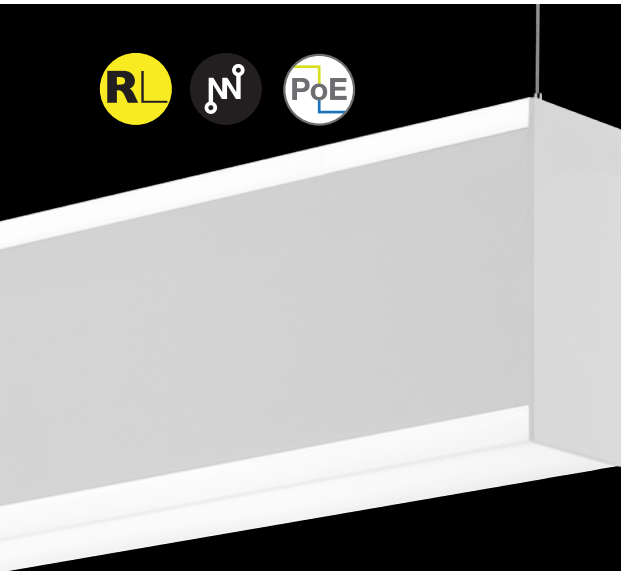
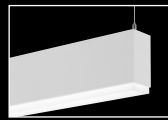


Seem[®] 2

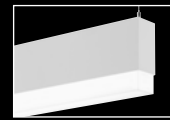
LED DIRECT/INDIRECT



flush lens



0.5" pop-down lens



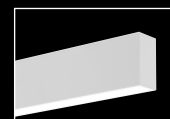
1.5" pop-down lens



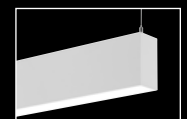
corner detail



The Naturals collection - Walnut shown



wall mount companion

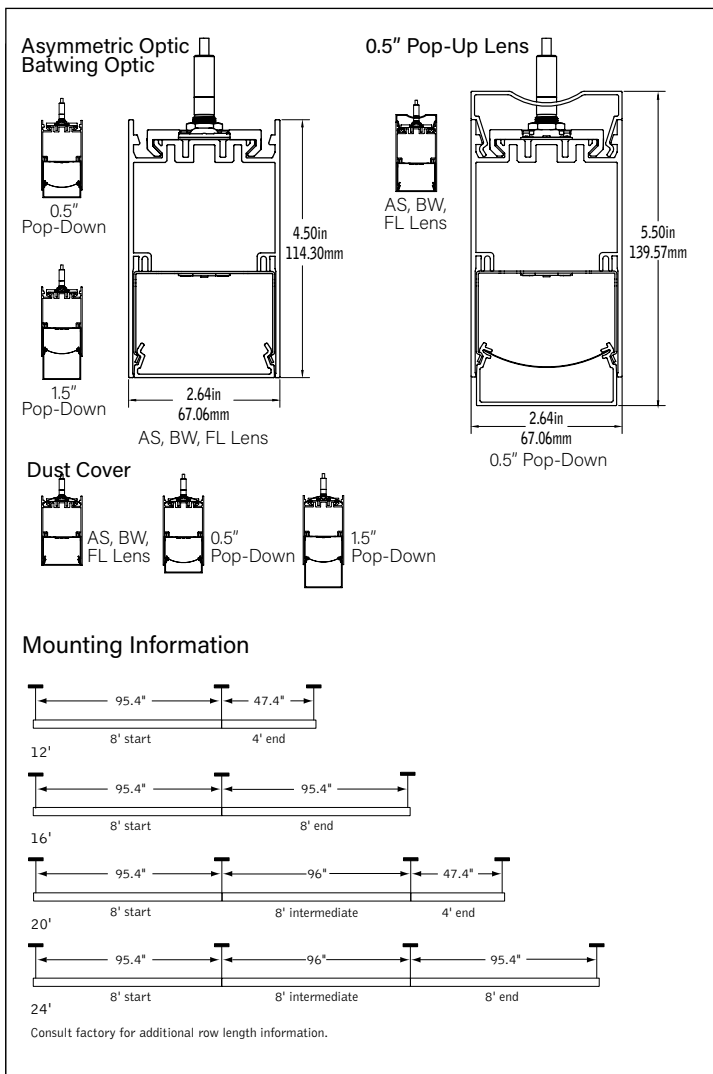


direct only companion



recessed companion

DIMENSIONAL DATA



FEATURES

Narrow extruded aluminum 2.5" linear direct/indirect LED with indirect Asymmetric Optic, Batwing Optic, and Pop-lens options.

Frosted acrylic lenses provide uninterrupted illumination, without pixels or shadows.

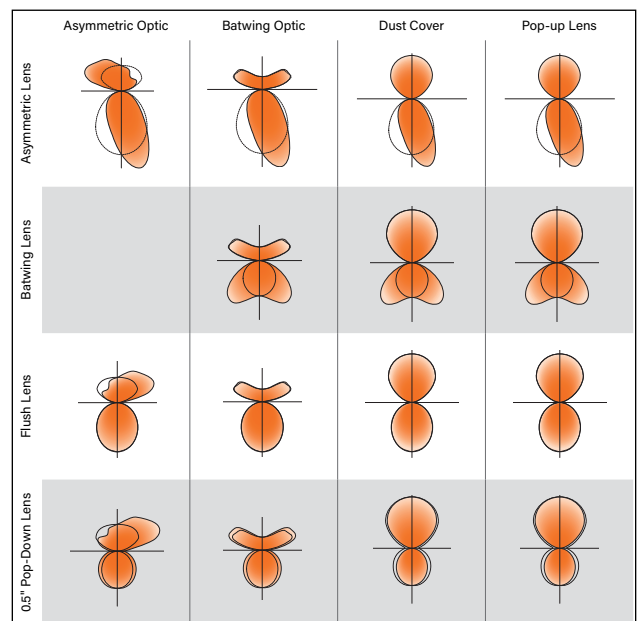
Individual units and continuous runs in 1' increments.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

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

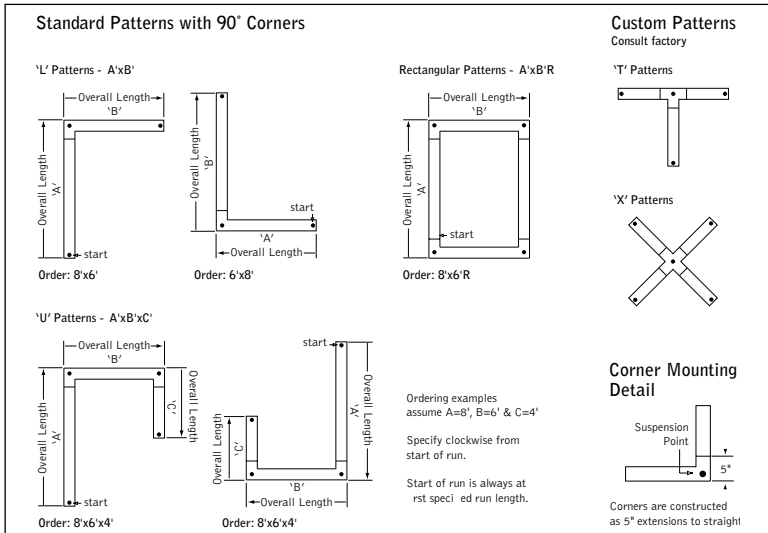
Available with The Naturals, a series of finishes that exude biophilic beauty.

DISTRIBUTIONS



Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.

MOUNTING INFORMATION



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. 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. Cast aluminum end caps. 8' unit weight: 30 lbs.

Optic

Reflectors fabricated of 20 Ga. steel finished in Matte White powder coat. Extruded acrylic lens with frosted 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. 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

Emergency Battery output - 10 watts for 90 minutes. Maximum mounting height: 20 ft. Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFS1, NLT1, ENL1, CLM1, NXE1, WLXP) shipped standard with leads to connect UL924 compliant device, by others.

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: L70 at >61,000 hours Calculated: L70 at 257,000 hours
L90 at >61,000 hours L90 at 69,000 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

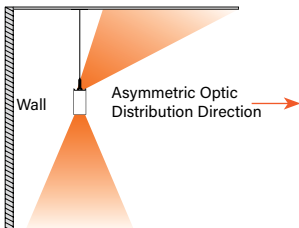
LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

4' PERFORMANCE CHARTS

See page 3 & 4.

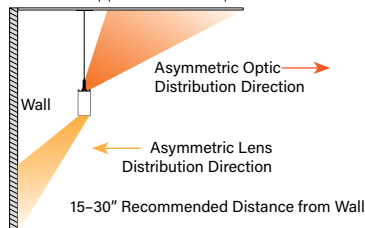
INDIRECT ASYMMETRIC

Standard Application Example



DIRECT/INDIRECT ASYMMETRIC

Standard Application Example



ORDERING Luminaire Series

Seem 2 LED Direct / Indirect Shielding FSM2BS

Asymmetric Optic top

Asymmetric Lens bottom ASAS
Flush Lens bottom ASFL
0.5" Pop-down Lens bottom ASPD05
1.5" Pop-down Lens bottom ASPD15 (Individual Units Only)

Asymmetric Optic top

Asymmetric Lens bottom BWAS
Batwing Lens bottom BWBW
Flush Lens bottom BWFL

Batwing Optic top

0.5" Pop-down Lens bottom BWPD05
1.5" Pop-down Lens bottom BWPD15 (Individual Units Only)

Batwing Optic top

Asymmetric Lens bottom DCAS
Batwing Lens bottom DCBW
Flush Lens bottom DCFL

Dust Cover top

0.5" Pop-down Lens bottom DCPD05
1.5" Pop-down Lens bottom DCPD15 (Individual Units Only)

Dust Cover top

Asymmetric Lens bottom PUAS
Batwing Lens bottom PUBW
Flush Lens bottom PUFL

0.5" Pop-up Lens top

0.5" Pop-down Lens bottom PUPD05

Direct Distribution

125 Lumens per foot (LD1 & L11 Only) 125DN
250 Lumens per foot 250DN
375 Lumens per foot 375DN
500 Lumens per foot 500DN
625 Lumens per foot 625DN
750 Lumens per foot 750DN
875 Lumens per foot 875DN
1000 Lumens per foot 1000DN

Indirect Distribution

250 Lumens per foot 250UP
375 Lumens per foot 375UP
500 Lumens per foot 500UP
625 Lumens per foot 625UP
750 Lumens per foot 750UP
875 Lumens per foot 875UP
1000 Lumens per foot 1000UP
1250 Lumens per foot (Not available with Pop-up Lens.) 1250UP

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

Circuits & Zones

1 Circuit, non-emergency 1C
2 non-emergency circuits provide independent control of Direct and Indirect sources (Not available with DLM1, NLT1, CLM1, NXE1) 2C
Consult Ordering Guide on page 6 for multiple circuiting and zoning options _C_Z_DL

Voltage

120/277 UNV Volt UNV
347V (LD1 & L11 only) 347
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 (750, 875, 1000 DN or UP, 1250UP consult factory) DT1
Wattstopper DLM - 1% Dimming** DLM1
Wattstopper Fixture Sensor Low Density - 1% Dimming**1 LMFS1
Wattstopper Fixture Sensor High Density - 1% Dimming**1 LMFS2
Lutron Athena Wireless Node**2 LAW1
Lutron Athena Wireless Sensor**1,2 LAWS
(Remote mounted sensor. See sensor layout guide.)
Acuity nLight - 1% Dimming** NLT1
(750, 875, 1000 DN or UP, 1250UP consult factory.)
Enlighted Smart Sensor - 1% Dimming**1 ENL1
See sensor layout guide.
Ecelium CLM Connected Lighting Module - 1% Dimming** CLM1
Current NX Enabled - 1% Dimming** NXE1
WaveLinux Pro - 1% Dimming**1 WLXP
See sensor layout guide.

Mounting

24" Cable Suspension C24
48" Cable Suspension C48
96" Cable Suspension C96
(Specify canopy color, see finishes page for options. Example: White = C24WH.)
(Specify one of the following in place of "C" J - for 2" canopies at non-feed locations. CS - for sloped ceiling applications.)
Factory Options
(See Ordering Guide for ordering details for DC, EC, EM & ECD.)
Black Cord BKCD
Daylight Circuit _DC
Emergency Circuit _EC
Emergency Battery Pack† _EM
Emergency Control Device† _ECD

Finish

(See finishes page for The Naturals options)
Black BK
Titanium Silver TS
Matte White Housing WH
Luminaire Length
Specify luminaire/row length in 1' increments (4' minimum. Leave blank for patterns. Smaller increments available, consult factory.)
Pattern Options (4' minimum length)
'L' pattern A' x B'
'U' pattern A' x B' x C'
Rectangular pattern
(Consult factory for other pattern options)
*Not available with Pop-Up or Pop-Down Lens options.
†Not available with Pop-Down Lens options.

Factory Options

(See Ordering Guide for ordering details for DC, EC, EM & ECD.)
Black Cord BKCD
Daylight Circuit _DC
Emergency Circuit _EC
Emergency Battery Pack† _EM
Emergency Control Device† _ECD

Finish

(See finishes page for The Naturals options)
Black BK
Titanium Silver TS
Matte White Housing WH

Luminaire Length

Specify luminaire/row length in 1' increments (4' minimum. Leave blank for patterns. Smaller increments available, consult factory.)


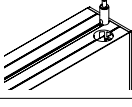

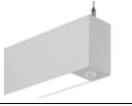



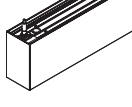

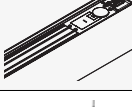



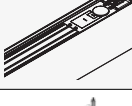
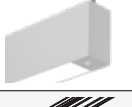
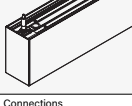

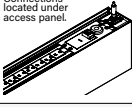




Pattern Options (4' minimum length)

'L' pattern A' x B'
'U' pattern A' x B' x C'

Rectangular pattern

(Consult factory for other pattern options)
*Not available with Pop-Up or Pop-Down Lens options.
†Not available with Pop-Down Lens options.

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.†

Connected Solution	Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers	
 legrand [®] WATTSTOPPER [®]		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired 	Advance by Signify. Optotronic by eldoLED
		LMFS1 LMFSD	LMFS-601 & LMFI-111 LMFS-601	DLM Wireless	DLM	Enabled	No	Wireless	Advance by Signify Optotronic by eldoLED (Dexal)
 COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Enabled	No	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify
 CRESTRON		D11	Specified Driver	DALI	Crestron Züm Wireless & SpaceBuilder	Enabled	No	Wired	eldoLED ECOdrive
	L11	0-10V		Advance by Signify					
 ENCELIUM		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	Optotronic by eldoLED Advance by Signify
 Enlighted		ENL1	SU-5E-IOT	Enlighted RF	Enlighted	Integrated	Yes	Wireless	Advance by Signify
 LUTRON		LAW1	A-WN-D01-RF-WH	DALI, 0-10V	Athena Wireless	Enabled	No	Wireless	Advance by Signify
		LAWS	A-WN-D01-OCC-WH	DALI, 0-10V	Athena Wireless	Integrated	No	Wireless	Advance by Signify
		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	Lutron Hi-Lume
 nLIGHT	 <small>Connections located under access panel.</small>	NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired 	eldoLED ECOdrive, eldoLED SOLOdrive
 LIGHTING CONTROLS [™]		NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired 	Optotronic by eldoLED

*Not all compatible networks may be listed. **For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold**. To specify a particular driver please consult factory. †Controls systems supplied by others.

Finishes

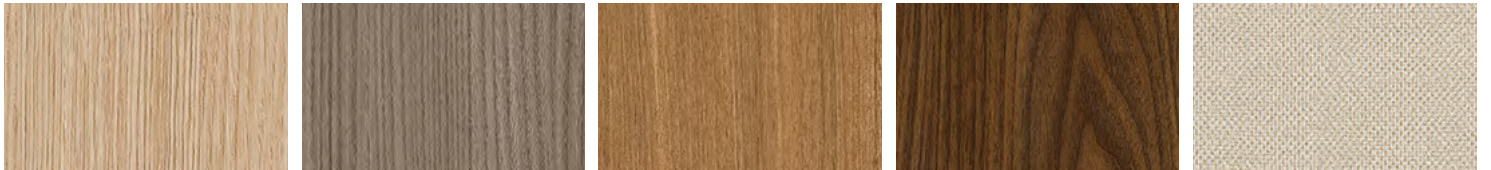


STANDARD FINISHES



WHITE WH BLACK BK TITANIUM SILVER TS

THE NATURALS (25% SCALE)



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