Seem® 4-LP
LED

FOCAL POINT®

flush lens

regress lens

SEEM 4 FAMILY COMPANIONS

drywall ceiling
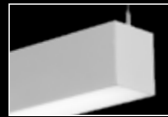
corners & patterns
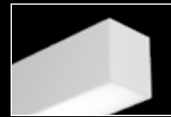
perimeter

suspended
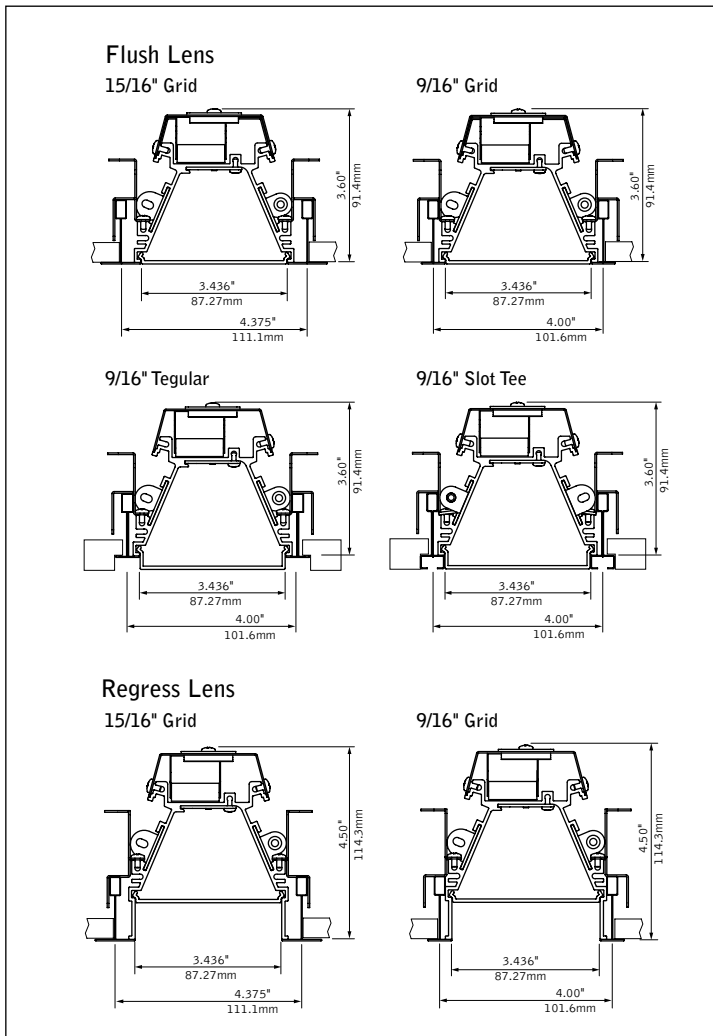
wall mount

DIMENSIONAL DATA

Flush Lens

15/16" Grid

3.60"
91.4mm

3.436"
87.27mm

4.375"
111.1mm

9/16" Grid

3.60"
91.4mm

3.436"
87.27mm

4.00"
101.6mm

9/16" Tegular

3.60"
91.4mm

3.436"
87.27mm

4.00"
101.6mm

9/16" Slot Tee

3.60"
91.4mm

3.436"
87.27mm

4.00"
101.6mm

Regress Lens

15/16" Grid

4.50"
114.3mm

3.436"
87.27mm

4.375"
111.1mm

9/16" Grid

4.50"
114.3mm

3.436"
87.27mm

4.00"
101.6mm

FEATURES

Low profile 3.6" housing depth on flush lens option and 4.5" housing depth on regress lens option.

Designed for grid ceilings including Armstrong® 4" TechZone® ceilings for a clean, unobtrusive aesthetic.

Individual units or continuous runs in 6" 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.

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

Preferred Light: Lighting for better color rendition and human preference.
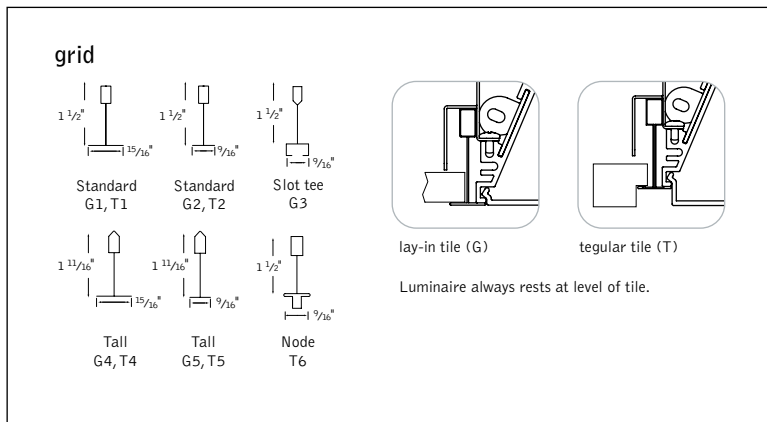
PERFORMANCE

PRODUCT OVERVIEW

Lumen Output:	1100-4000lm
Wattage:	10-38W
LPW:	113-121
SDCM:	3

4' Flush Lens
625 Lumens per foot

Delivered Lumens: 2500lm

Total System Watts: 24W

DLC QPL LISTED®

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data. Visit designlights.org/QPL for model specifics.

DETAILS

grid

1 1/2" 15/16"	1 1/2" 9/16"	1 1/2" 9/16"
Standard G1, T1	Standard G2, T2	Slot tee G3
1 11/16" 15/16"	1 11/16" 9/16"	1 1/2" 9/16"
Tall G4, T4	Tall G5, T5	Node T6

lay-in tile (G)

tegular tile (T)

Luminaire always rests at level of tile.

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 CRI>80, 3SDCM. LED modules are replaceable from below the ceiling. Drivers are accessable from above the ceiling only.

Construction
One piece extruded aluminum housing. 20 Ga. steel end caps. Aluminum driver compartment. 4' unit weight: 11 lbs., 8' unit weight: 19 lbs.

Optic
Extruded acrylic lens .078" 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 Battery
Emergency output - 10 watts for 90 minutes. Maximum mounting height: 19.0ft. 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 at >61,000 hours   Calculated: L70 at 447,000 hours
          L90 at >61,000 hours   L90 at 110,000 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	275LF	1100	10	113
	375LF	1500	14	117
	625LF	2500	24	121
	875LF	3500	34	119
	1000LF	4000	38	117

Based on 3500k, 4' lengths. Regress Lens lumen multiplier = 0.90, Preferred Light = 0.65. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Armstrong®

ORDERING

Luminaire Series		**FSM4LP**
Seem 4-LP	FSM4LP	
Shielding		_____
Flush Satin Lens	FL	
Regress Lens	RL	
Lumen Output		_____
275 Lumens per foot	275LF	
(2' LD1 & L11 only. 3' minimum all other drivers.)		
375 Lumens per foot	375LF	
625 Lumens per foot	625LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
Color Temperature		_____
3000K	30K	
3500K	35K	
4000K	40K	
3500K Preferred Light	P35K	
(Flush lens only.)		
Circuit		**1C**
Single Circuit	1C	
Voltage		_____
120/277 UNV Volt	UNV	
347 Volt	347	
(LD1 driver only)		
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	
Acuity nLight - 1% Dimming	NLT1	
(3' minimum length. Not available with CP.)		
Enlighted Smart Sensor - 5% Dimming	ENL5	
(3' minimum length.)		
Osram Connected Lighting Module - 1% Dimming	CLM1	
(3' minimum length. Increases height by 0.73" at module location. Compatible with Daintree Networks & Osram ENCELIUM and Simplux systems.)		
Wattstopper DLM - 1% Dimming	DLM1	
(3' minimum length.)		
Ceiling Configuration		_____
Std. 15/16" Lay-in	G1	
Std. 15/16" Tegular	T1	
Std. 9/16" Lay-in	G2	
Std. 9/16" Tegular	T2	
9/16" Slot-tee Tegular	G3	
Tall 15/16" Lay-in	G4	
Tall 15/16" Tegular	T4	
Tall 9/16" Lay-in	G5	
Tall 9/16" Tegular	T5	
Node 9/16" Tegular	T6	
Factory Options		
Chicago Plenum	CP	_____
Emergency Circuit	_EC	_____
(4' minimum. 7' minimum length for CLM1, DLM1, ENL5 & NLT1.)		
Emergency Battery Pack	_EM	_____
(4' minimum. 7' minimum length for CLM1, DLM1, ENL5 & NLT1. Above ceiling access only. See EM/EC Guide for default locations and ordering details.)		
6' New York City Flex Whip (120V)	FNY1	_____
6' New York City Flex Whip (277V)	FNY2	_____
6' Flex Whip	FW	_____
Finish		**WH**
Matte White Housing	WH	
Luminaire Length		_____
2'	2'	
2' 6"	2' 6"	
3'	3'	
4'	4'	
5'	5'	
6'	6'	
7'	7'	
7' 6"	7' 6"	
8'	8'	
Specify luminaire/row length in 6" increments	X'	
(8' minimum row length)		

QS 10 DAY*

Options in orange qualify for the Quickship program. 4', 8' and run length in 4' increments. 400' total. Refer to Quickship Guide for complete details including EM/EC options.

Seem® 4-LP

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.
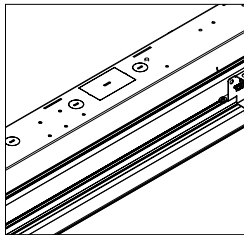
nLIGHT

nLight® provides a two-way wired digital lighting system allowing for on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting.

Acuity nLight - 1% Dimming (NLT1)
Acuity Model #nEPS-60-IO

CAT-5 Cable provided by others.Serial labels will be provided on outside of luminaires and control unit.

Runs

Individuals
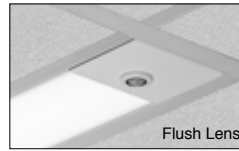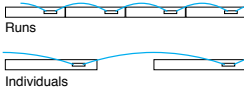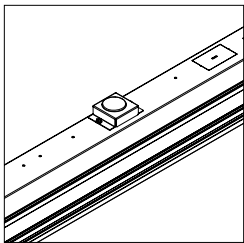
enlighted

Flush Lens

Regress Lens

Enlighted smart sensor allows for occupancy sensing, daylight harvesting, energy usage, temperature and light level control. Communicates wirelessly with the Enlighted network.

Enlighted Smart Sensor - 5% Dimming (ENL5)
Enlighted Model #FS-D22

OSRAM

Connected Lighting Module (CLM) enables each luminaire to be independently controlled and configured. Communicates wirelessly with Daintree Networks®, Osram ENCELIUM®, Osram Simplux™ and other networks using the ZigBee® HA communication protocol to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Osram CLM - 1% Dimming (CLM1)
Osram Model #ZBHA-CLM DIM

Serial labels will be provided on outside of luminaires and control unit.

legrand WATTSTOPPER®
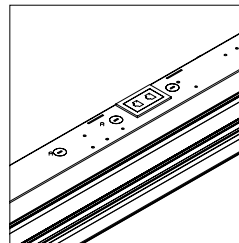
A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Wattstopper DLM - 1% Dimming (DLM1)
Wattstopper Model #LMFC-011

CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.

Runs

Individuals
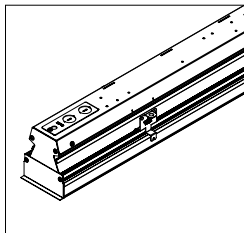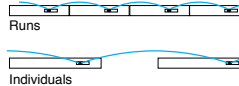
LUTRON

A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting working with Quantum®, Energi Savr Node™, and Energi TriPak® using EcoSystem® communication protocol.

Lutron Hi-Lume EcoSystem - 1% Dimming (LH1)
Lutron Model #LDE1
Lutron 5-Series EcoSystem - 5% Dimming (LU5)
Lutron Model #LDE5

CONNECTED SOLUTIONS DETAILS

Connected Solution	Model #	Protocol	Compatible Networks*	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire	Drivers
Acuity nLight (NLT1)	nEPS-60-IO**	nLight	nLight	Enabled	Enabled	No	Wired	**eldoLED ECOdrive,** eldoLED SOLOdrive
Enlighted Smart Sensor (ENL5)	FS-D22**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	**Philips Xitanium SR**
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	**Philips SimpleSet**, Osram Optotronic
Lutron EcoSystem (LH1 & LU5)	LDE1,** LDE5**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	**Lutron Hi-Lume Lutron 5-Series**
Osram CLM (CLM1)	ZBHA-CLM**	ZigBee HA	Osram ENCELIUM & Simplux, Daintree Networks	Enabled	Enabled	No	Wireless	**Osram Optotronic**

*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.