

- Plug & Play**
120-277VAC - 12", 18", 48"
LED Modules. EcoSystem®
& SensorConnect:
18" minimum.
- Smooth Dimming to 0.1%**
5-12 W/ft: 0.1%
- Cost Saving Install**
Cove profiles for easy &
consistent install
- IP50 Design**
Indoor rated



Other spec Downloads

ACT	Static	WarmDim	Tunable
Pendant	Static	WarmDim	Tunable
Scence	Static	WarmDim	Tunable

- Designed for LEED & WELL projects
- Tunable Spec
- WarmDim Spec
- IES Files

1 - LED Module Specification

EXAMPLE: C-08W-27K-H-V

Series	Power	CCT 1	CCT 2	Color Quality	Controls
CS					
CS i2Cove	05W	18K - 1800K	20K - 2000K	H - High (92)**	V - 0-10V via i2Systems LightLink™
	06W	20K - 2000K	22K - 2200K	U - Ultra High (98+) SÖLE Technology †	L - LUTRON® EcoSystem® 2 Addresses - (Intensity) & (Color) ‡
	07W	22K - 2200K	25K - 2500K**	R Values on pg 3	A - DALI
	08W	25K - 2500K**	27K - 2700K †		D - DMX
	09W	27K - 2700K †	30K - 3000K †		SensorCONNECT
	10W	30K - 3000K †	35K - 3500K †		SAL - Sensor Connect DALI - LUTRON® ATHENA
	11W	35K - 3500K †	40K - 4000K		SAE - Sensor Connect DALI - ENLIGHTENED™
	12W	40K - 4000K	45K - 4500K		
		45K - 4500K	50K - 5000K		
		50K - 5000K	57K - 5700K		
		57K - 5700K	65K - 6500K		
**25K offered at 83°CRI † Ultra High CRI offered in 27K-35K ‡ Offered in 18" & 48"					

2 - Mounting Specification (Companion to Luminaire or Architectural Standalone)

EXAMPLE: SC-GF

Straight Corners

Form	Mounting
SC	
SC - Straight Corners	GF - Gypsum Flat Front
	GF2 - Gypsum Flat Front Tall
	GF3 - Gypsum Flat Front High Blocking
	GF-4 - Gypsum Flat Front Wide
	GF-RA - Gypsum Flat Front Return Air
	K1 - Gypsum Knife Edge 30°
	K1-4 - Gypsum Knife Edge 30° Wide
	K1-RA - Gypsum Knife Edge 30° Return Air
	K2 - Gypsum Knife Edge 40°
	K3 - Gypsum Knife Edge Infinity
	WF - Wall Mount Flat Front

Curved Corners

Form	Mounting
CC	
CC - Curved Corners	GF - Gypsum Flat Front
	GF-4 - Gypsum Flat Front Wide
	GF-RA - Gypsum Flat Front Return Air
	K1 - Gypsum Knife Edge 30°
	K1-4 - Gypsum Knife Edge 30° Wide
	K2 - Gypsum Knife Edge 40°
	K3 - Gypsum Knife Edge Infinity
	K1-RA - Gypsum Knife Edge 30° Return Air

Linear Runs

Form	Mounting	Length (ft)
LR		
LR - Linear Runs	All 12 mounting options available, refer to pgs 4-7 for profile details	
	See pg 2 & 4 for additional information and cables	

Curved Patterns

Form	Mounting
CV	
CV - Curved Forms	GF-4 - Gypsum Flat Front Wide
	GF-RA - Gypsum Flat Front Return Air
	K1-4 - Gypsum Knife Edge 30° Wide
	K1-RA - Gypsum Knife Edge 30° Return Air

Surface Mount

Form	Mounting	Length (ft)
SF		
SF - Surface Mount (for existing coves)	FX - Fixed Clip	

3 - Drawing Specification

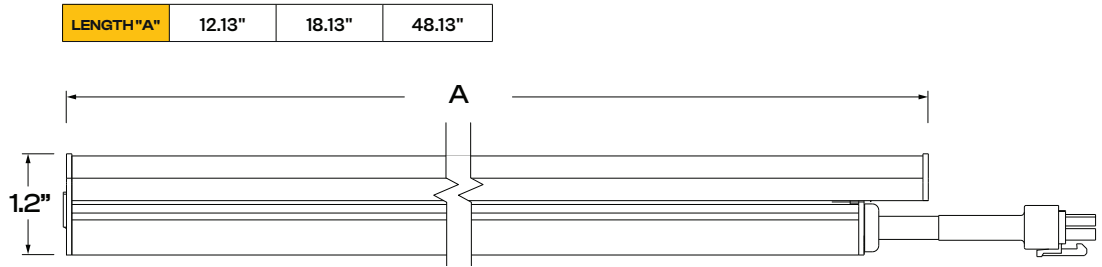
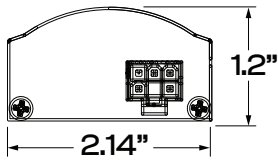
EXAMPLE: US-25FT*10FT*18FT IC-12"-45",132"

Shape Type	Shape Lengths (ft)	Corner Orientation	Radii 12" - 45" (for CC, CV, 1" Increments)	Geometry Angles
LS - L-Shape (One Angle)		IC - Inside Corner		
US - U Shape (Two Angles)		OC - Outside Corner		
SR - Square Rectangle (Four Angles)				
PL - Polygon / Irregular (Multiple Angles)				

LED Module



For uniform illumination, the gap between LED modules should not exceed **XXX"**



LED Module - Characteristics

ENVIRONMENT:

Ambient operating temperature:
(0°C) - (+40°C) = (32°F) - (104°F).
0% to 90% humidity, non-condensing

WEIGHT:

12" - 1.05 lbs
18" - 1.40 lbs
48" - 3.15 lbs

HOUSING:

Corrosion Resistant Anodized Aircraft
Grade Aluminum and Diffused
Polycarbonate Optic Lens

INPUT VOLTAGE:

120-277VAC 50/60 Hz

STORAGE TEMPERATURE:

Range: (-20°C) - (+65°C) =
(-4°F) - (149°F)

ENVIRONMENT:

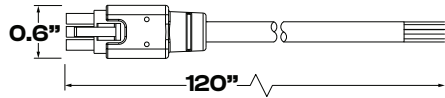
Suitable for Damp locations IP50

LIFE:

60,000hrs to L70

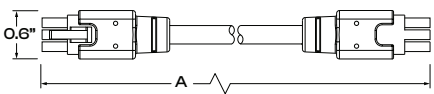
PATENTED OPTICAL SYSTEM

Power Input - Cables



Straight	CS-PIC-S-24N
Straight	CS-PIC-W-010

Jumper - Cables



Jumper Cable Length (A)	
CS-JMP-W-003N	3"
CS-JMP-W-006N	6"
CS-JMP-W-001	12"
CS-JMP-W-002	24"
CS-JMP-W-003	36"
CS-JMP-W-004	48"
CS-JMP-W-006	72"

Finish: **White**

Performance | Lumens per foot based on a 4' LED module

Asymmetric optical distribution with maximum candelas at 24.5 degrees from horizontal with 140° beam spread.

3000K Lumen Data

System Watts/Ft	Delivered Lm/Ft	
Power	92 CRI	98 CRI
2	135	119
3	228	200
4	286	253
5	401	354
6	504	445
7	606	534
8	733	645
9	970	849
10	1078	945
11	1174	1030
12	1277	1125

Lumen Factor*

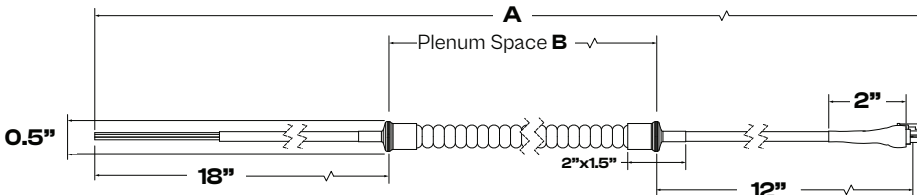
Output Factors	Multiplier
1850K	0.70
2000K	0.70
2200K	0.81
2500K	0.86
2700K	0.96
3000K	1.00
3500K	1.05
4000K	1.05
4500K	1.05
5000K	1.05
5700K	1.05
6500K	1.05

Maximum Run Lengths*

System Watts/Ft	Length	
Power	120 VAC	277 VAC
2	144Ft	144Ft
3	120Ft	124Ft
4	108Ft	120Ft
5	92Ft	108Ft
6	80Ft	100Ft
7	72Ft	96Ft
8	64Ft	88Ft
9	56Ft	84Ft
10	52Ft	80Ft
11	48Ft	78Ft
12	44Ft	76Ft

*Max run of fixtures from a single power cable.

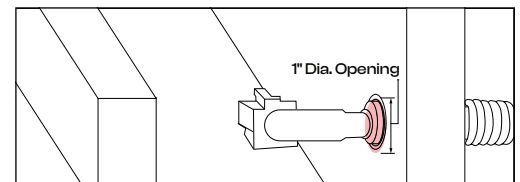
Armored & Plenum-Rated Power Input Cable



	Total Cable Length (A)	Conduit Length (B)
CP-PIC-AFC-010F	12.5'	10'
CP-PIC-AFC-025F	27.5'	25'
CP-PIC-AFC-050F	52.5'	50'



Armored cables are not quoted as standard.
Request pricing from factory to add to your quote.



Power input cable is recommended to be concealed by the front ledge of the cove, below the base height of the fixture. Please refer to installation instructions.

► Color Quality

CRI - 92+ (Standard)

Color Temp	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
1800K	95	95	96	98	93	93	90	96	95	90	94	85	81	95	97	99
2000K	95	94	96	97	91	92	91	98	99	97	94	84	84	94	97	98
2200K	93	93	97	99	93	93	98	91	80	60	93	95	95	94	99	88
2500K*	84	82	92	96	81	82	93	82	61	23	84	82	82	85	99	75
2700K	93	93	97	99	93	92	93	95	87	69	87	94	89	94	99	90
3000K	92	92	94	96	93	92	93	93	84	63	87	94	86	92	97	89
3500K	93	93	95	95	94	93	92	95	87	69	87	94	82	93	97	91
4000K	91	91	93	94	92	91	90	94	87	64	83	92	78	91	96	89
4500K	93	93	94	94	93	92	90	95	89	71	85	92	73	93	97	92
5000K	94	94	94	93	94	93	91	96	93	78	86	94	75	94	96	93
5700K	92	94	92	90	93	93	88	93	93	79	81	93	76	93	94	94
6500K	93	93	93	91	94	93	88	95	93	78	83	93	71	93	95	93

*84 CRI for 2500K

Ultra High CRI 98+ (SÖLE Technology - Optional)

Color Temp	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2700K	98	98	98	98	98	98	97	98	99	97	95	98	95	97	99	98
3000K	99	100	99	99	99	100	99	98	98	94	99	99	99	99	99	99
3500K	98	99	99	98	96	99	98	98	97	92	99	93	91	99	99	97

► Lighting Uniformity Readings

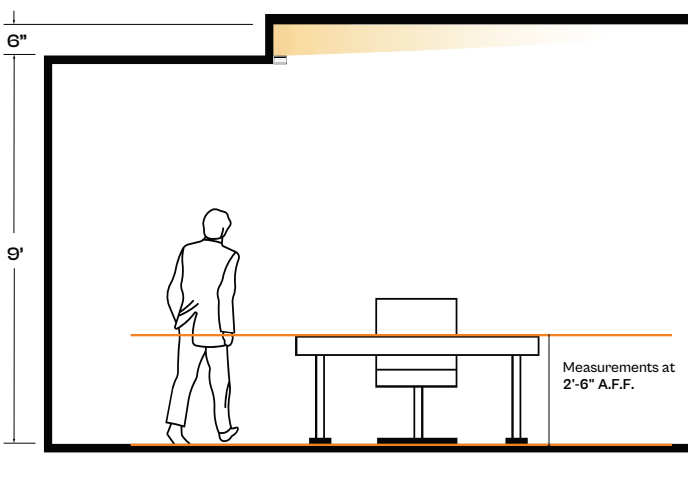


Recommend 5W-8W for coves with overall vertical height of 6-10"

Dimensions
14' x 34'

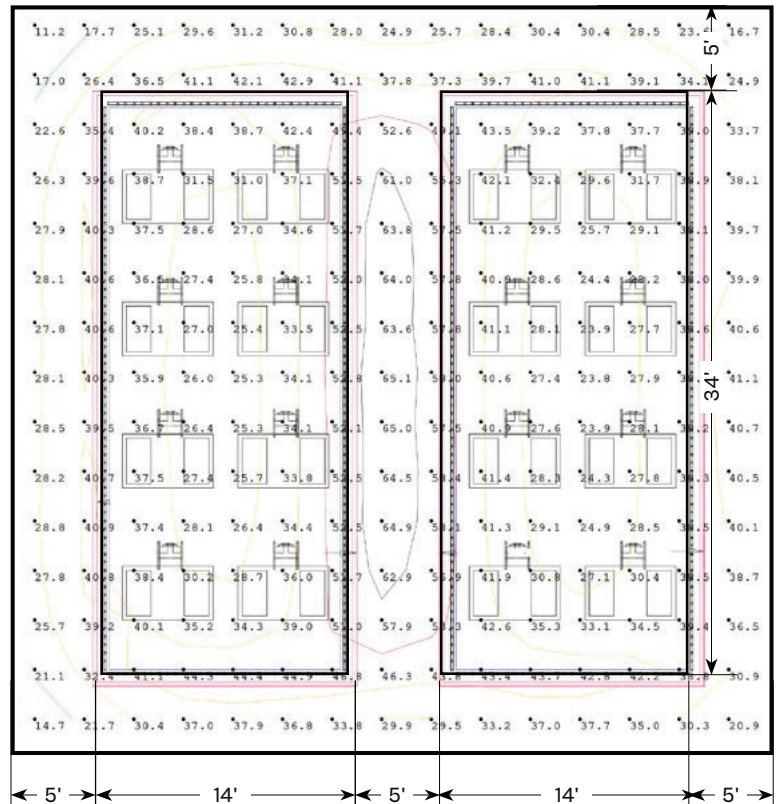
Ceiling Height
9'-6"

Mounting
9" A.F.F.



Power 6 W/ft | **CCT** 3000K | **Floor LRV** 0.20 | **Walls LRV** 0.50 | **Ceiling LRV** 0.80

Average light level at task with 6" cove height:	37FC
Average light level at task with 8" cove height:	37FC
Average light level at task with 10" cove height:	38FC
Average light level at task with 12" cove height:	38FC
Average light level at task with 18" cove height:	39FC



Curved Patterns



All Plaster - In Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.



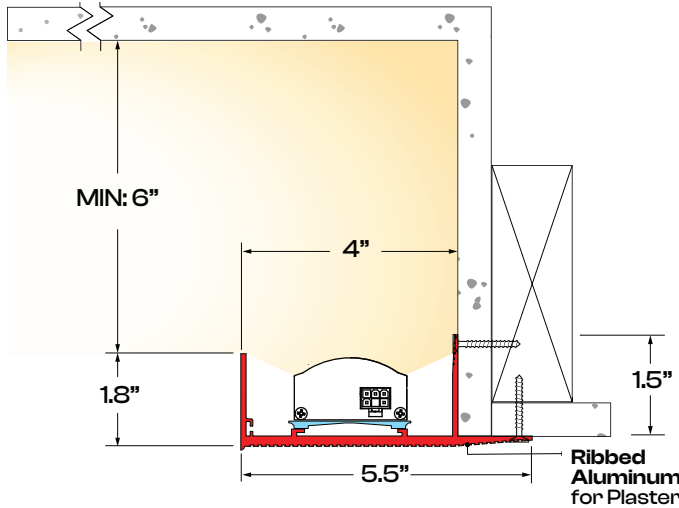
Curved Pattern Extrusions

Profiles for Curved Corners and Curved Patterns

Defined in factory drawings from architectural drawings.

Minimum Radius: 100"

GF-4 | Gypsum Flat Front Wide



Straight Corner



Curved Corner

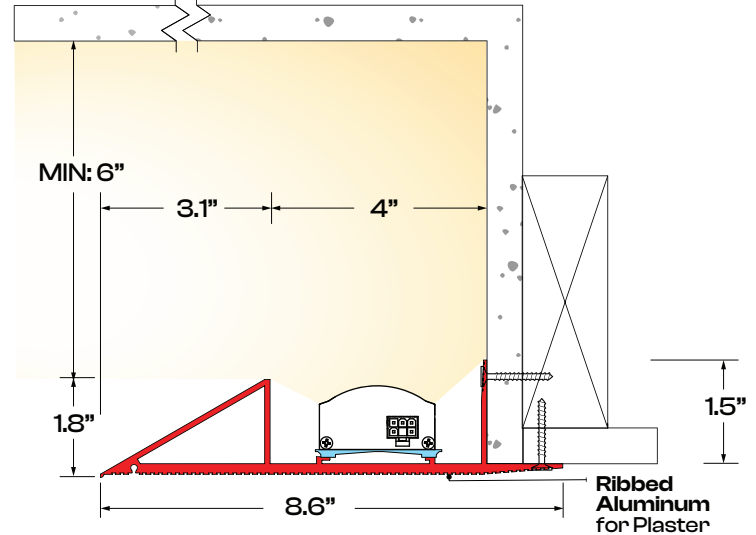


Curved Patterns

Included in Order:

Mounting Bracket CS-EXT-B1

K1-4 | Gypsum Knife-Edge 30° Wide



Straight Corner



Curved Corner



Curved Patterns

Included in Order:

Mounting Bracket CS-EXT-B1

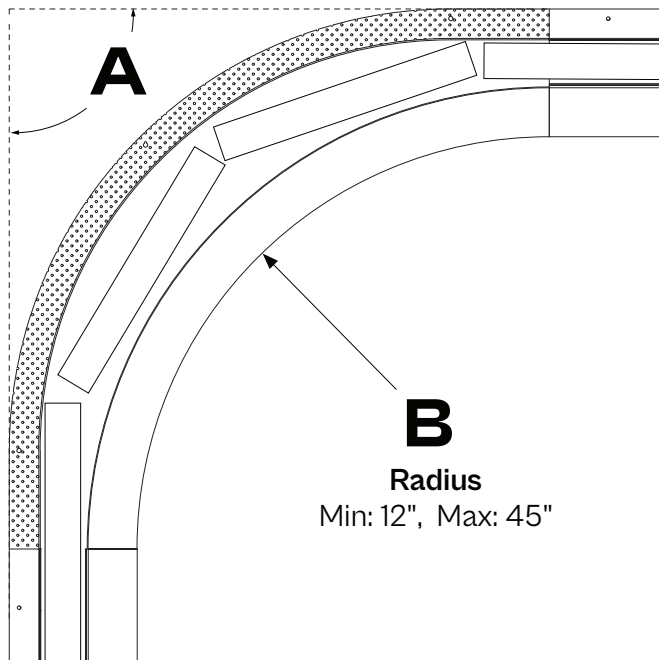


All Plaster - In Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.



Soft Corner Coves

Radius: Min: 12", Max: 45"



Radii tolerances, optical technology designed for consistent illumination on all surfaces when using our unique, architectural infrastructure profiles and adhering to installation guidelines.

[Download our Architectural Cove Specification Guide](#)

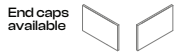
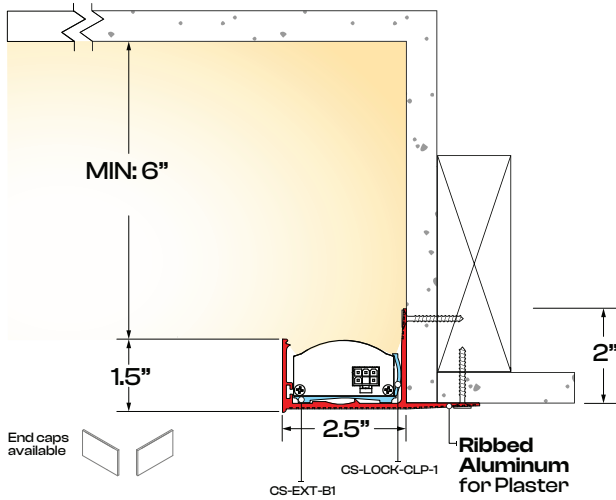
Note: Contact factory for custom radii

► Plaster-In - Mounting Systems



All Plaster - In Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.

GF | Gypsum Flat Front



Included in Order:

Mounting Bracket CS-EXT-B1

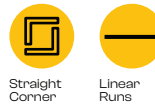
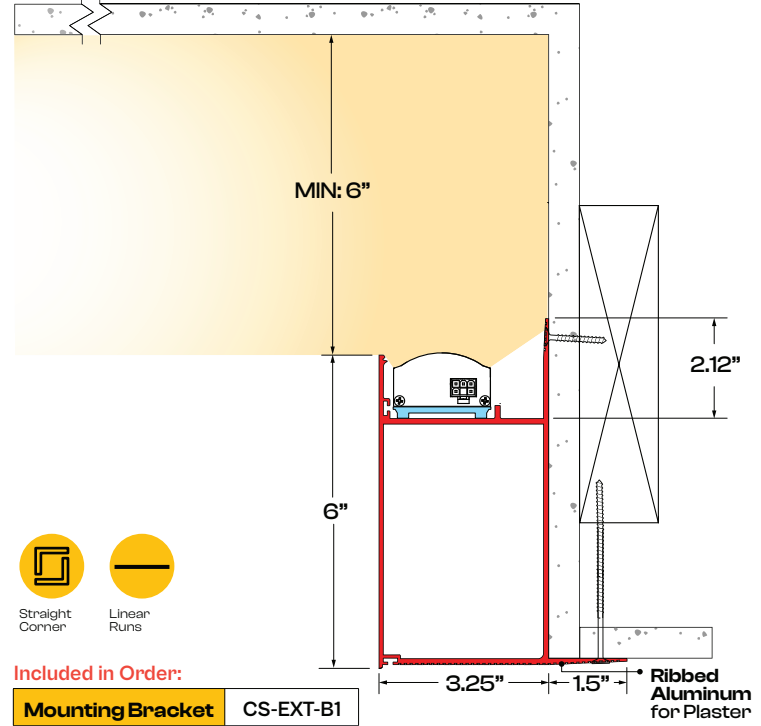
Included in Order:

Spring Clip CS-LOCK-CLP-1

Left End Cap CP-GF-END-L

Right End Cap CP-GF-END-R

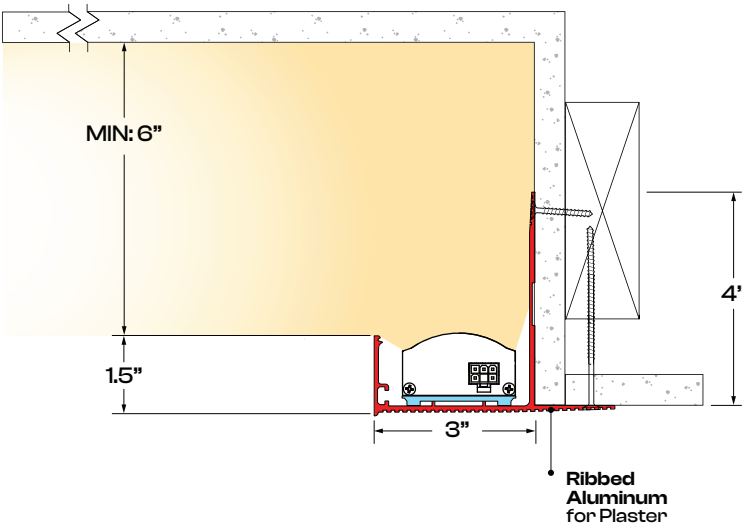
GF-2 | Gypsum Flat Front Tall



Included in Order:

Mounting Bracket CS-EXT-B1

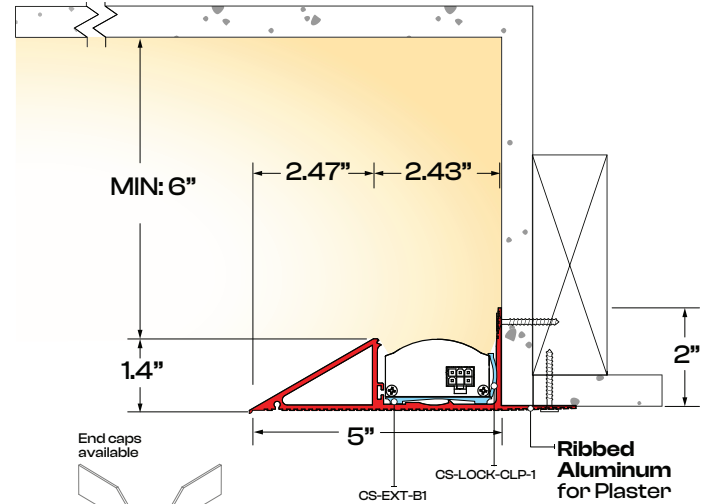
GF-3 | Gypsum Flat Front High Blocking



Included in Order:

Mounting Bracket CS-EXT-B1

K1 | Gypsum Knife-Edge 30°



Included in Order:

Mounting Bracket CS-EXT-B1

Included in Order:

Spring Clip CS-LOCK-CLP-1

Left End Cap CP-K1-END-L

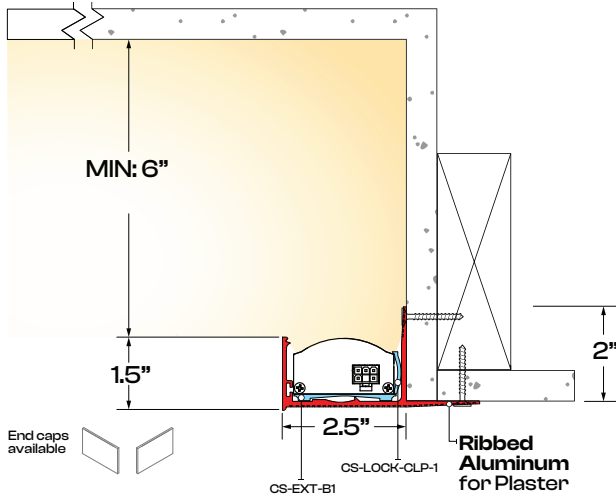
Right End Cap CP-K1-END-R

► Plaster-In - Mounting Systems



All Plaster - In Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.

GF | Gypsum Flat Front



Included in Order:

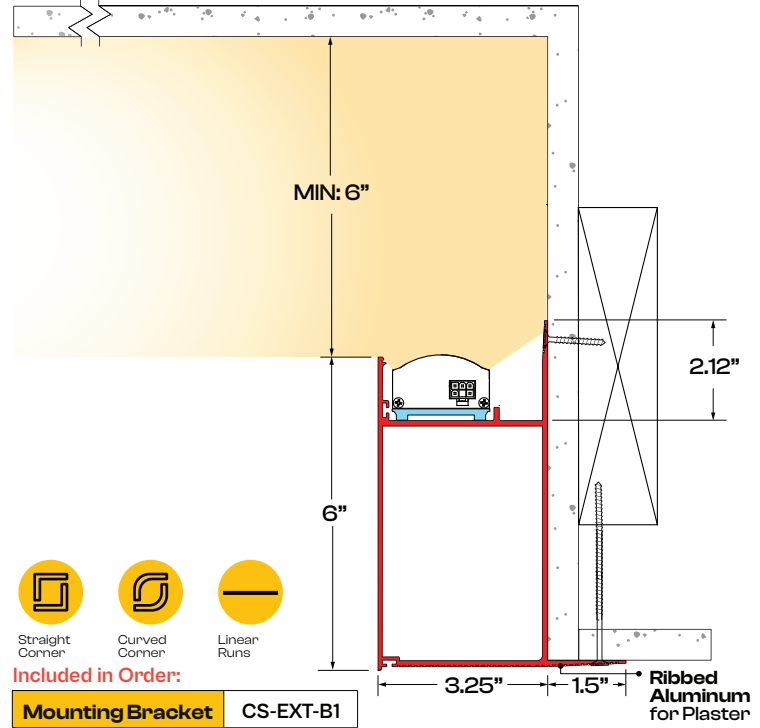
Mounting Bracket CS-EXT-B1

Left End Cap CP-GF-END-L
Right End Cap CP-GF-END-R

Included in Order:

Spring Clip CS-LOCK-CLP-1

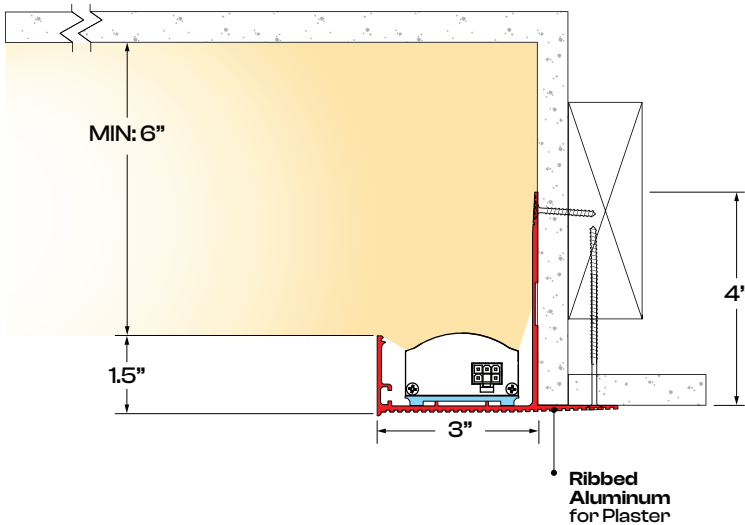
GF-2 | Gypsum Flat Front Tall



Included in Order:

Mounting Bracket CS-EXT-B1

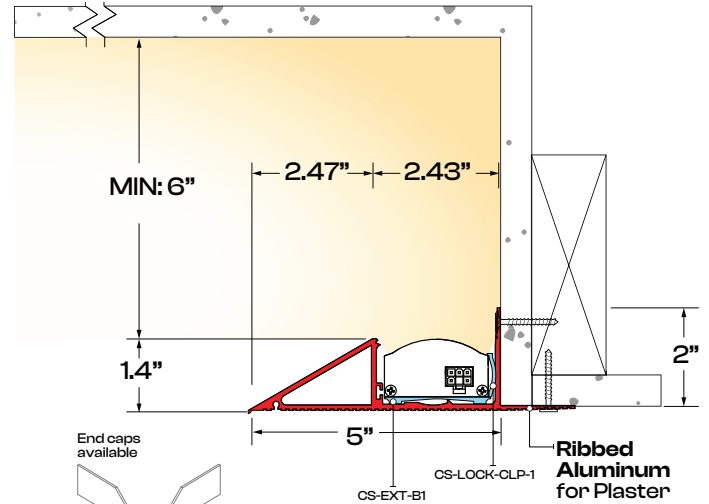
GF-3 | Gypsum Flat Front Taller Mounting



Included in Order:

Mounting Bracket CS-EXT-B1

K1 | Gypsum Knife-Edge 30°



Included in Order:

Mounting Bracket CS-EXT-B1

Left End Cap CP-GF-END-L
Right End Cap CP-GF-END-R

Included in Order:

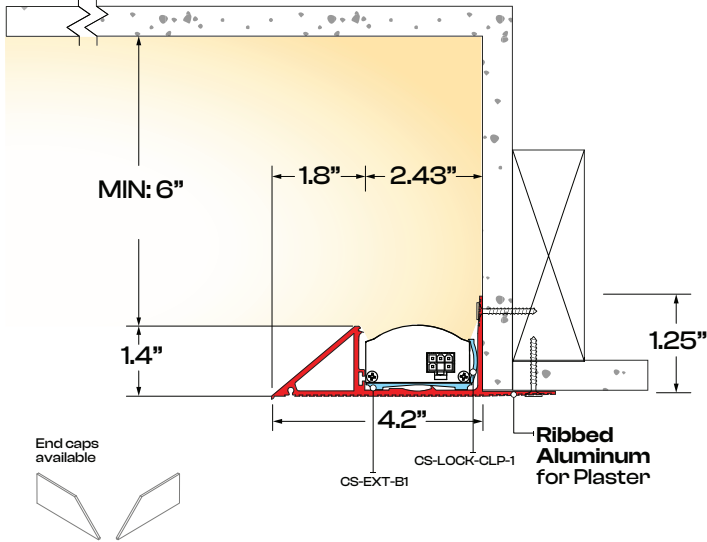
Spring Clip CS-LOCK-CLP-1

► Plaster-In - Mounting Systems



All Plaster - In Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.

K2 | Gypsum Knife-Edge 40°



Left End Cap CP-K2-END-L

Right End Cap CP-K2-END-R

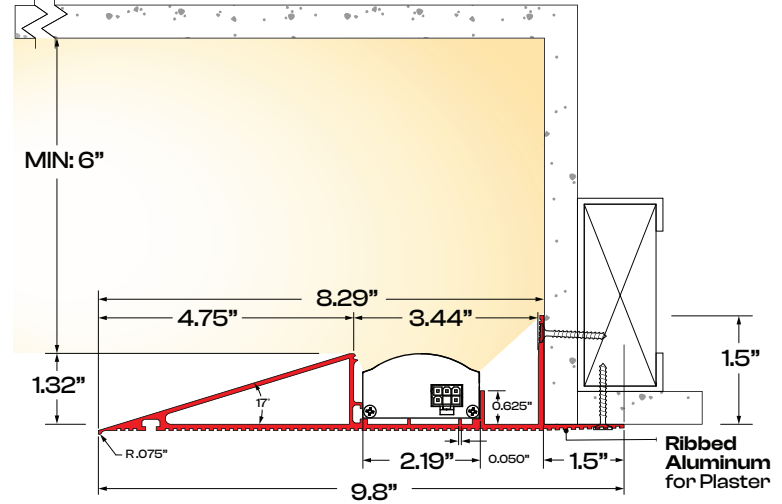
Included in Order:

Mounting Bracket CS-EXT-B1

Included in Order:

Spring Clip CS-LOCK-CLP-1

K3 | Gypsum Knife-Edge Infinity



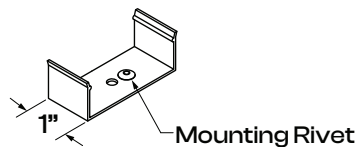
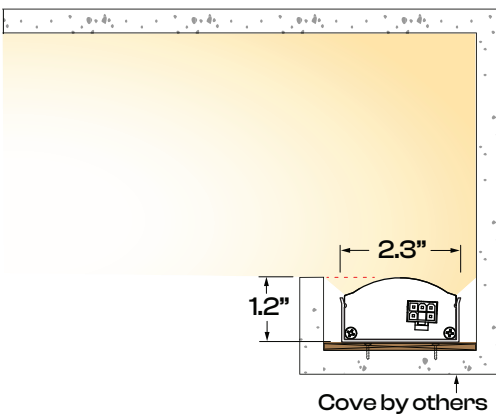
Straight
Corner

Curved
Corner

Linear
Runs

► Surface - Mounting Systems

FX | Fixed Clip Mounting (for existing coves)



Included in Order:

Fixed Clip CSB-1

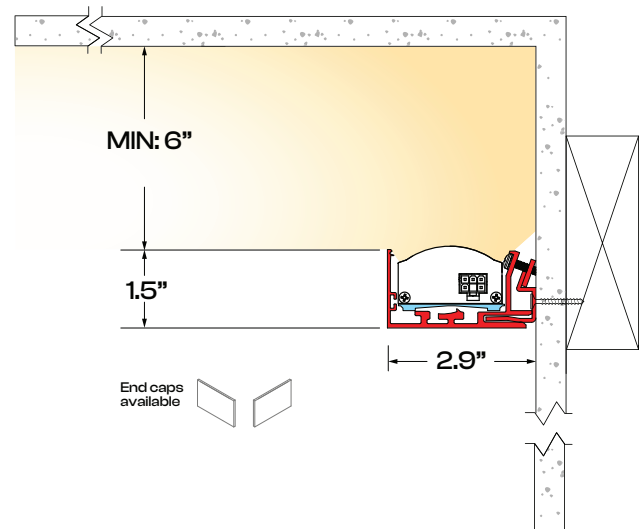


Linear
Runs



Wall Mount Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.

WF | Wall Mount Flat Front



Linear
Runs

Left End Cap CP-WF-END-L

Right End Cap CP-WF-END-R

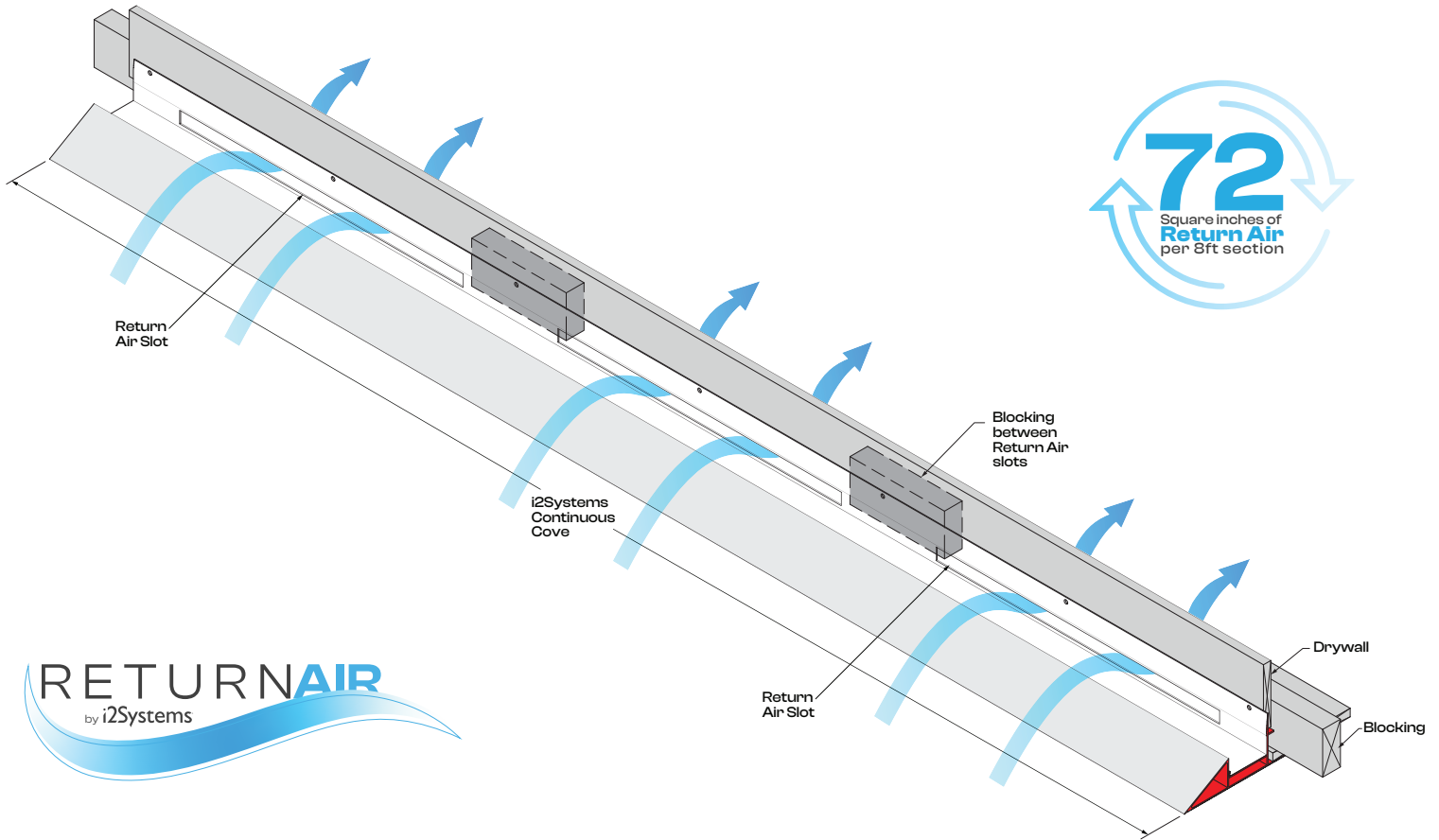
Included in Order:

Mounting Bracket CS-EXT-B1

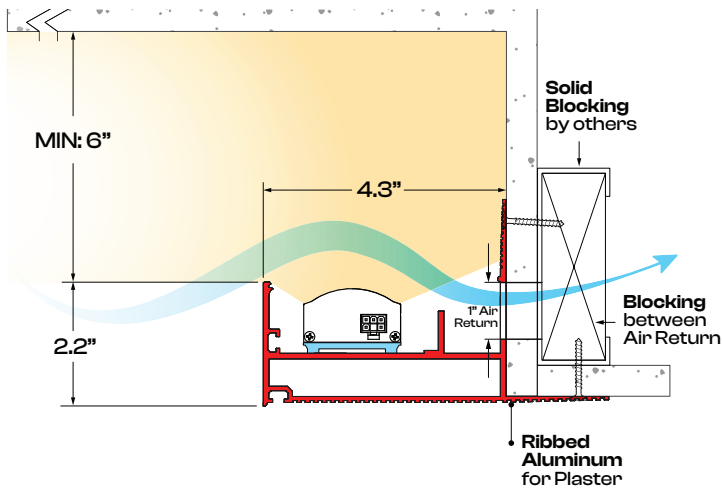
► Return Air Plaster-In - Mounting Systems



All Plaster - In Mounting Systems are shipped unprimed / unpainted along with a seam filler for a seamless install.
8' standard length, field cut as required for made to measure applications.



GF-RA | Gypsum Flat Front w/Air Return



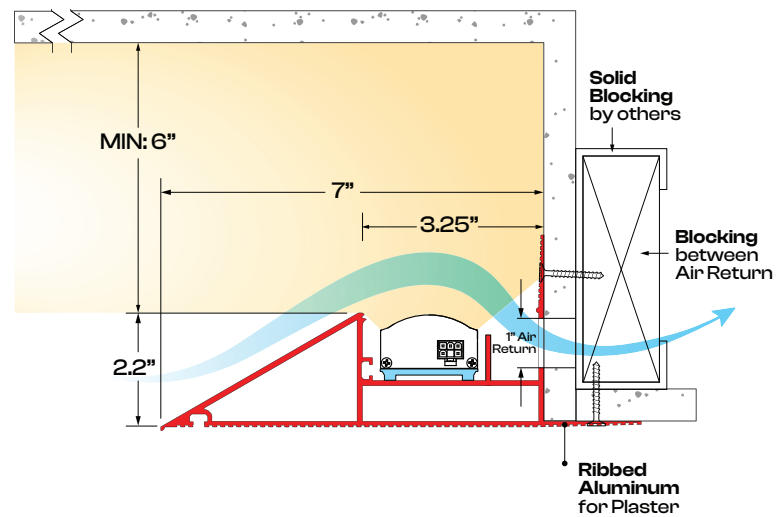
PATENT PENDING



Included in Order:

Mounting Bracket CS-EXT-B1

K1-RA | Gypsum Knife-Edge 30°w/Air Return



PATENT PENDING



Included in Order:

Mounting Bracket CS-EXT-B1

► Controls - 0-10V System Architecture

SensorCONNECT

SVL - 0-10V ATHENA

SVE - 0-10V ENLIGHTED

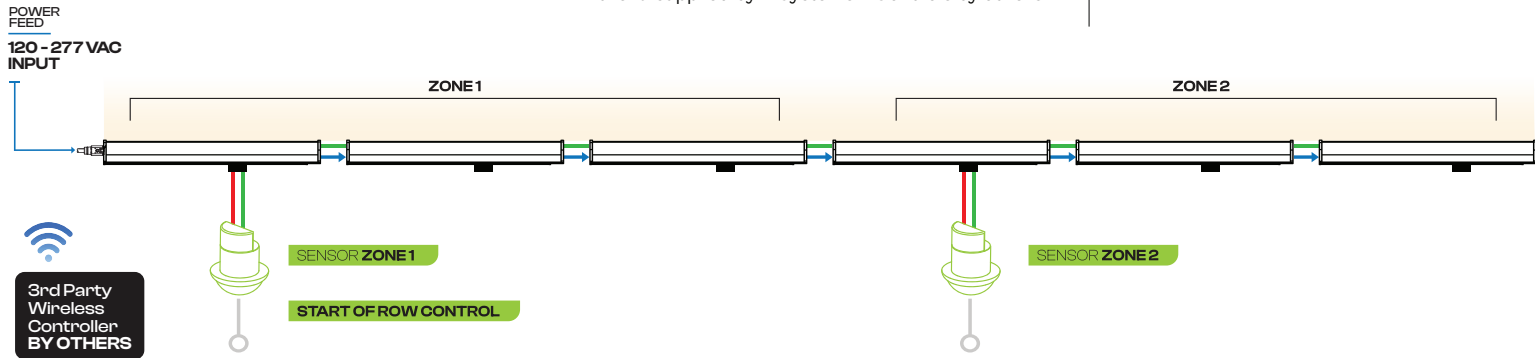
Sensors and nodes connect fixtures to lighting control system and respond to the dynamics of a space. The Sensor controls ALL lights that are connected together up to the next sensor in the same row.

Multiple sensors provide separate zone control.

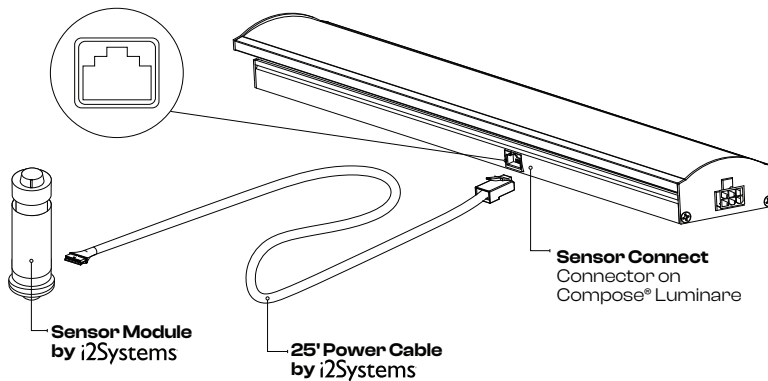
LED Module, Power Cable and Sensor for LUTRON® Athena supplied by i2Systems®. Controls by others.

ALL lights automatically determine if a sensor is plugged into it.

Connector not used on Corner LED Modules. The first LED module must include a Sensor. Sensor Connect LED modules supplied in 18" & 48" lengths.



0-10V LUTRON® ATHENA - SVL



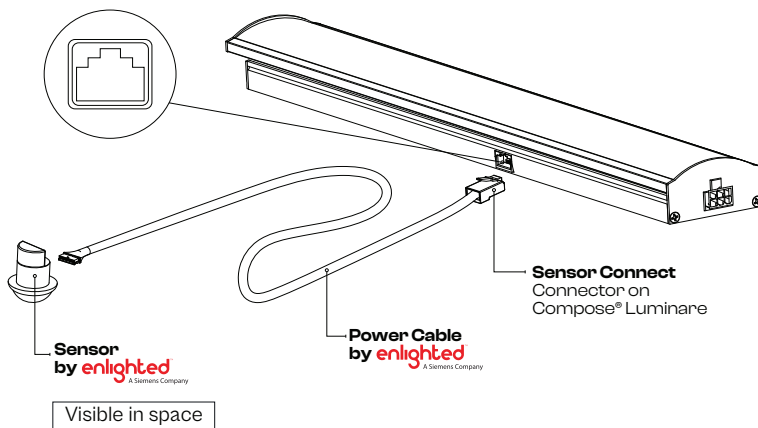
*Wireless Node is not visible in space

*Wireless Sensor is visible in space

Control Sensors

	Item	Part Number
LUTRON® Athena	Wireless Node*	By i2 SVL-KIT-25-N
LUTRON® Athena	Wireless Node Sensor**	By i2 SVL-KIT-25-S

0-10V ENLIGHTED™ - SVE



Control Sensor

Item	Part Number
Enlighted	SU-5E

Enlighted Cables

Part Number	Length
CBL-5E-CU4-30N	30"
CBL-5E-CU4-7F	7'
CBL-5E-CU4-15F	15'
CBL-5E-CU4-25F	25'
CBL-5E-CU4-50F	50'
CBL-5E-CU4-75F	75'
CBL-5E-CU4-100F	100'

Controls - DALI

SensorCONNECT

SAL - DALI - ATHENA

SAE - DALI - ENLIGHTED

POWER FEED

120 - 277VAC
INPUT

Up to 64 Total Luminaires

Sensors and nodes connect fixtures to lighting control system and respond to the dynamics of a space. The Sensor controls ALL lights that are connected together up to the next sensor in the same row.

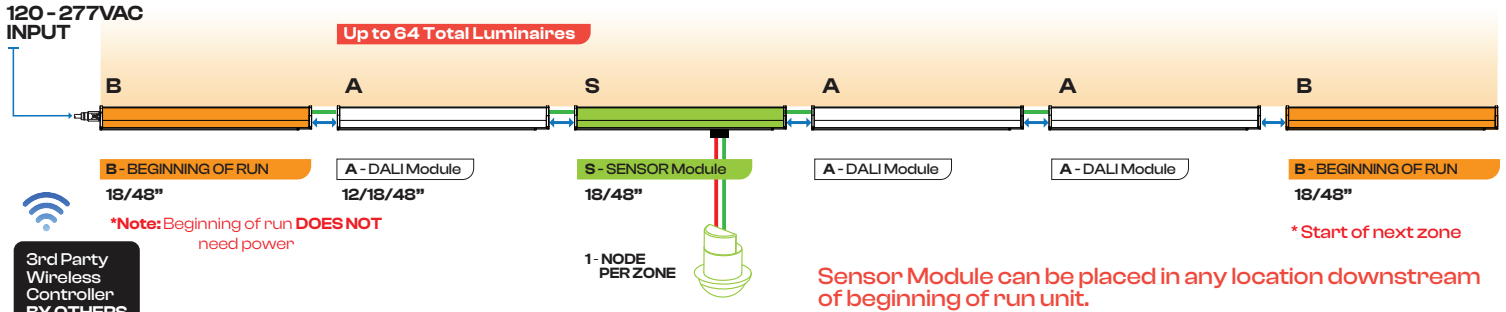
Multiple sensors provide separate zone control.

LED Module and power cable for LUTRON® Athena supplied by i2Systems®. Controls by others.

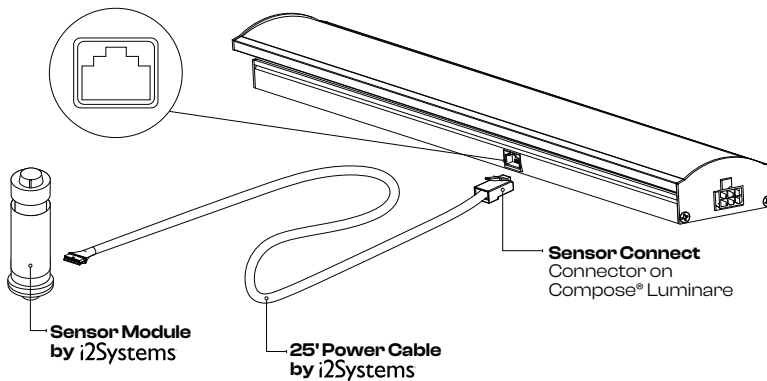
Connector not used in Corner LED Modules.

Sensor Module and Beginning of Run supplied in 18" & 48" lengths.

Maximum: 5 LED modules per node.



0-10V LUTRON® ATHENA - SVL



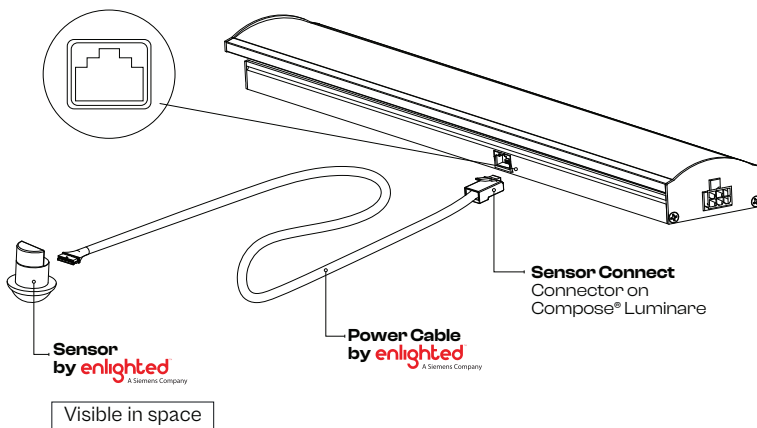
*Wireless Node is not visible in space

*Wireless Sensor is visible in space

Control Sensors

	Item	Part Number
LUTRON® Athena	Wireless Node*	By i2 SAL-KIT-25-N
LUTRON® Athena	Wireless Node Sensor**	By i2 SAL-KIT-25-S

0-10V ENLIGHTED™ - SVE



Control Sensor

Item	Part Number
Enlighted	SU-5E

Enlighted Cables

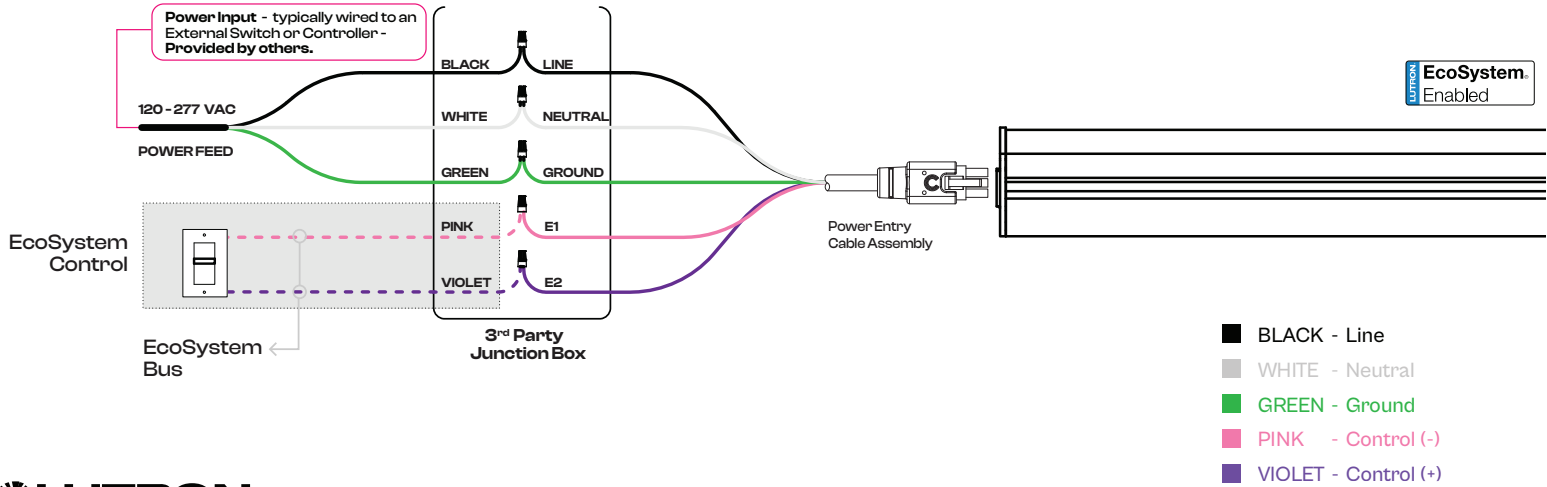
Part Number	Length
CBL-5E-CU4-30N	30"
CBL-5E-CU4-7F	7'
CBL-5E-CU4-15F	15'
CBL-5E-CU4-25F	25'
CBL-5E-CU4-50F	50'
CBL-5E-CU4-75F	75'
CBL-5E-CU4-100F	100'

Controls

L | LUTRON ECOSYSTEM®

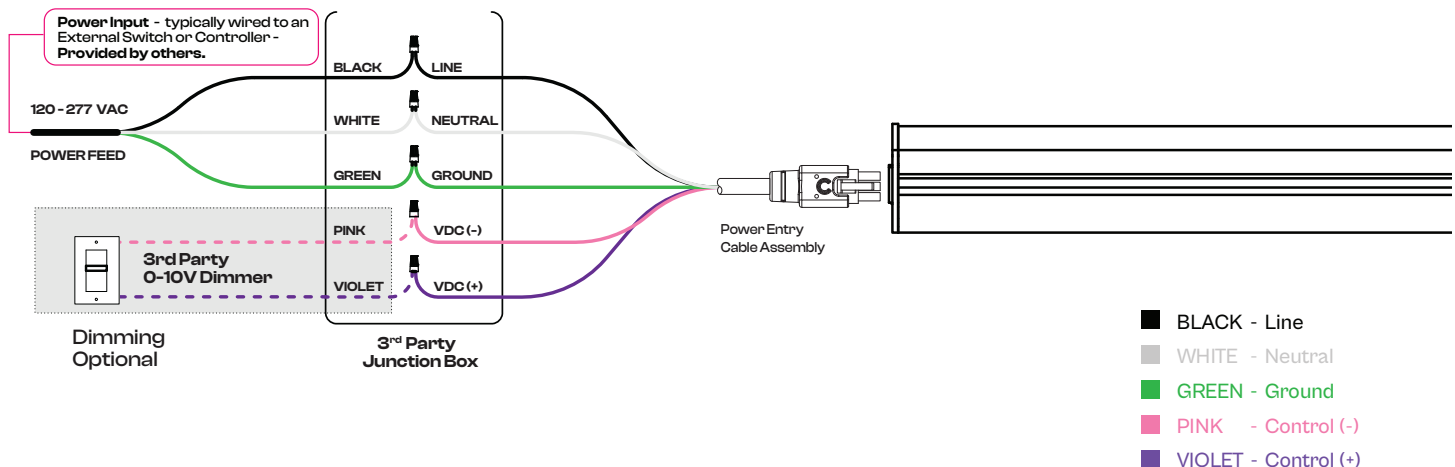


- Up to **64 Addresses per Controller**.
- (1) Address** is reserved for **INTENSITY** and **(1) Address** for **CCT** for each light fixture.
- LED Modules for LUTRON® EcoSystem® dimming are **ONLY** offered in 18" and 48" lengths.



INSTALLATION SIZE	Total Digital Addresses Available	CONTROLLABLE ZONES	iPAD / iPHONE CONTROL	SYSTEM	LINK	WALL CONTROLS
SMALL	64	6	NO	GrafikEyeQS w/Eco #QSGRJ-6E	https://www.lutron.com/TechnicalDocumentLibrary/QSGRJ-xE_Sub.pdf	One 4-button (3-scene) wireless Pico and two wireless Pico #PJ2-2BRL-GWH-L01 for Raise/Lower of CCT & Dimming
SMALL - ADDITIONAL ZONES	64	16	NO	GrafikEyeQS w/Eco #QSGRJ-16E	https://www.lutron.com/TechnicalDocumentLibrary/QSGRJ-xE_Sub.pdf	Wall controls to include one QSW52-5BRLN-WH-EGN
LARGE	128	30+	YES	EnergiSavrNode #QSN-2ECO-S	http://www.lutron.com/TechnicalDocumentLibrary/369-248.pdf	Include the AstronomicTimeClock device needed as part of the basic BOM. Wall controls to include one 4-button (3-scene) wireless Pico and two wireless Pico #PJ2-2BRL-GWH-L01 for Raise/Lower of CCT & Dimming per room.
ENTERPRISE	Lutron Quantum/Athena with EcoSystem - Contact your local Lutron Representative for assistance.					

V | 0-10V

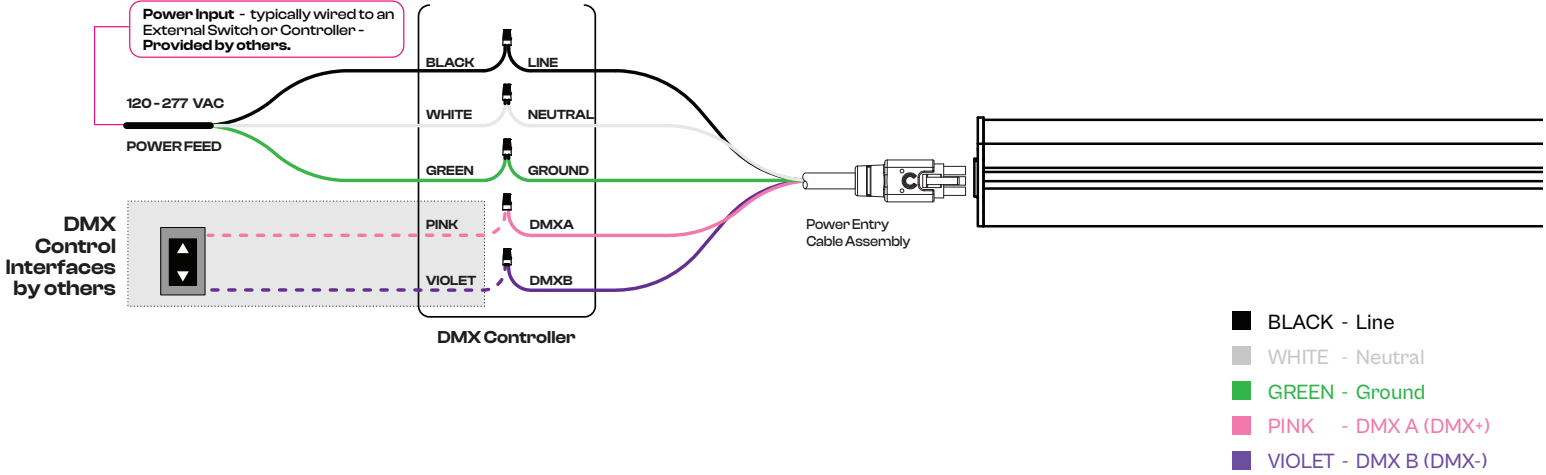


Controls

D | DMX



- Up to **512 Addresses** per Controller.
- For Static White, use only **(1) one control channel per light fixture.**
(The same Address can be used for multiple lights)



A | DALI



- Up to **64 Addresses** per Controller.
- For Static White, use only **(1) one control channel per light fixture.**

