

TYPE: _____

i2Cove™

ACT: Ceiling-to-Wall

The smallest true symmetric, fully integrated cove lighting system. Seamlessly integrates with ACT ceiling profiles.



PERFORMANCE

3000K LUMEN DATA

System Watts/Ft	Delivered Lumens/Ft	
	92+ CRI	98+ CRI
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	
CCT	Multiplier
2700K	0.96
3000K	1.00
3500K	1.05

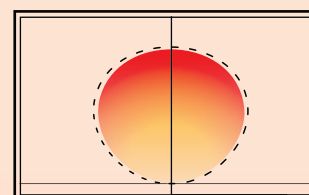
MAX CABLE & RUN LENGTH

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

Lumens per foot based on a 4' LED module



FEATURES & BENEFITS



SYMMETRIC BEAM



LOW PROFILE

Just 1" tall



PLUG & PLAY

120-277 VAC, 6" Increments



WIDE OPTICAL WINDOW

Great for backlighting, banisot™, newmat™, or other stretch fabrics



Traditional warm glow on dimming.



Programmed to mimic a warm glowing sunset upon low-level dimming.



Pre-programmed to match the color and warm dimming of an incandescent bulb. 2700K only.

DOWNLOAD IES FILES

DOWNLOAD STATIC WHITESPEC

DOWNLOAD TUNABLE SPEC

SPECIFICATION CODE BUILDER

EXAMPLE: CS-08W-35K-U-AC-V-SD

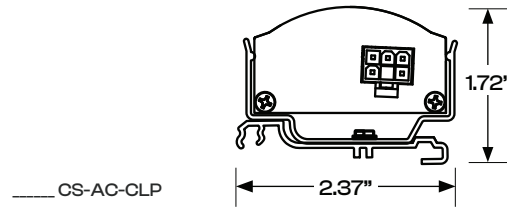
Series	Power	CCT	Color Quality	Mounting	Controls	Technology	Geometry Direction
CS							
CS i2 Cove™	05W	27K - 2700K†	H - High (92)	AC - ACT	V - 0-10V	DC - Dimcandescent™ 2700K Only	Straight →
	06W	30K - 3000K†	R Values on pg. 9		L - Lutron Ecosystem** 1Address - (Intensity)	SD - Sunset-Dim™	L-Shape ↙ ↘
	07W	35K - 3500K†			D - DMX	DW - DimtoWarm	U-Shape ↻ ↻
	08W				A - DALI		Sq./Rect. □ ▭
	09W				SensorCONNECT		Custom ⌋
	10W				SVL - 0-10V ATHENA ¶		
	11W				SAL - DALI - LUTRON® ATHENA ¶		
	12W				SAE - DALI - ENLIGHTED™ ¶		
					SVE - 0-10V ENLIGHTED™ ¶		

† Offered in 27K-35K ** Offered in 18" & 48" Lengths ¶ Offered in 18" & 48" Lengths. Coming soon



LED Module Critical Information

AC | ACT Mounting



Profiles supplied by ceiling provider.
Architect to specify in Section 9 of the
master specification.

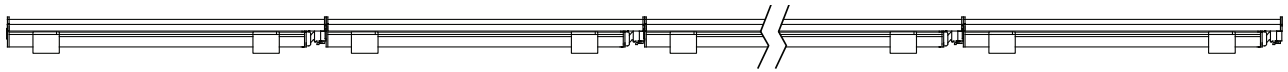
LED Module Connections



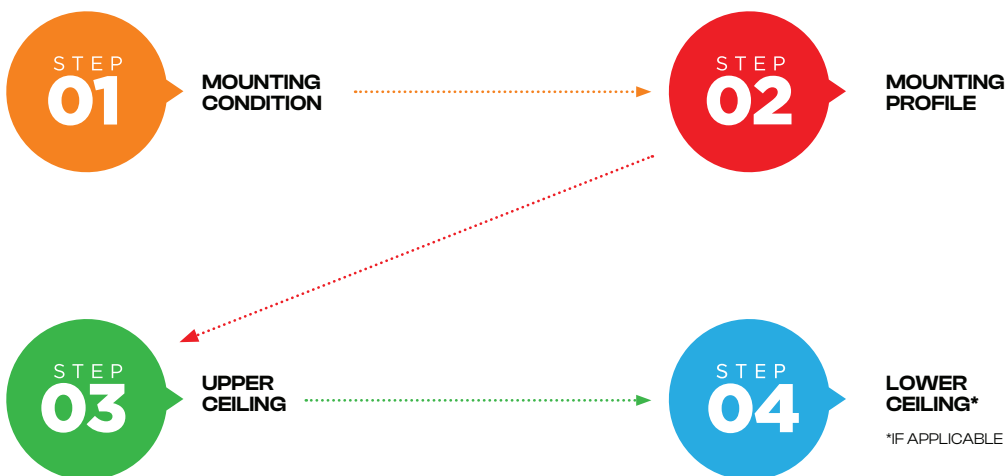
Modules can be installed in a variety of configurations:
linearly, around corners, or around curved spaces.
All installations require equal spacing between modules.

LINEAR

Connected modules end-to-end for straight run conditions.



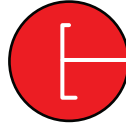
4 Simple Steps Specification Process



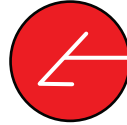
CEILING COVES

STEP
02

PICK
MOUNTING
PROFILE



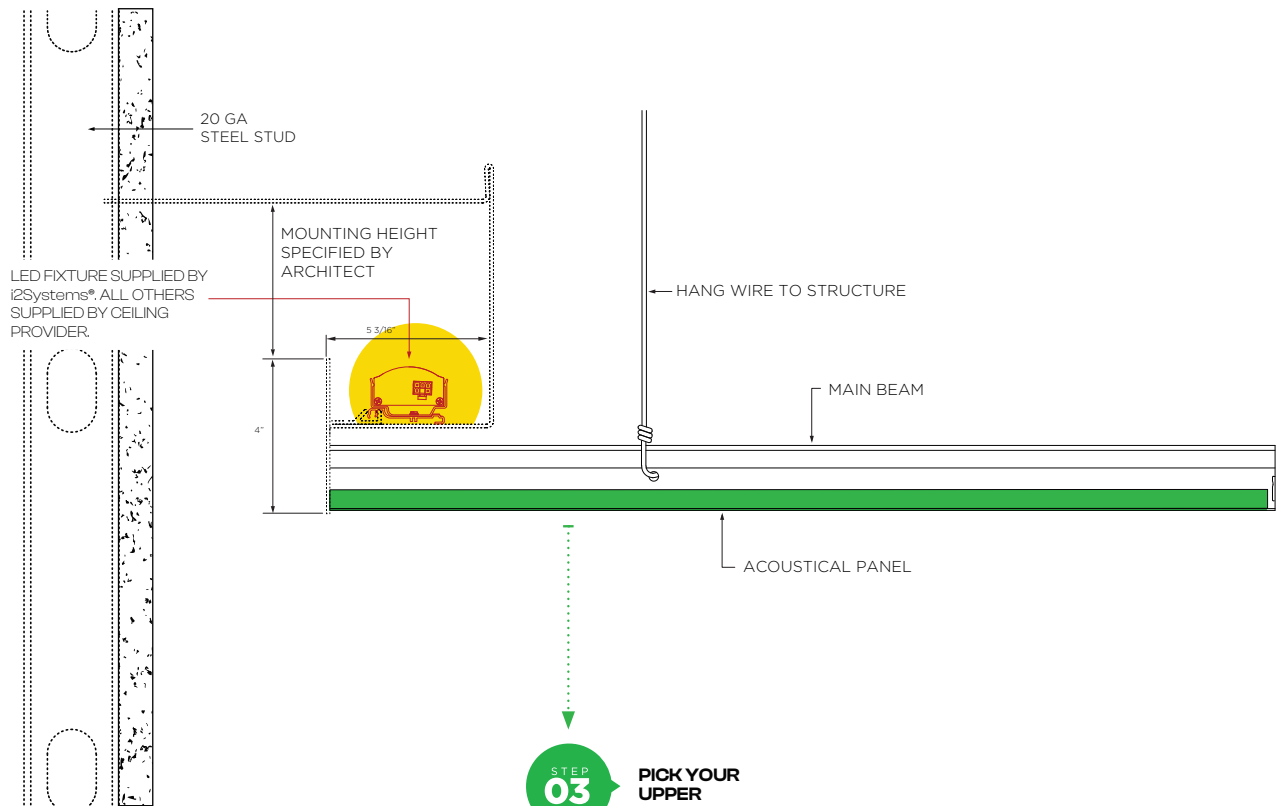
PROFILES



ITEMS MARKED IN **YELLOW** ARE SUPPLIED BY i2Systems®
ALL OTHER COMPONENTS ARE SUPPLIED BY CEILING PROVIDER.

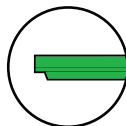


Profiles supplied by ceiling provider.
Architect to specify in Section 9 of the
master specification.

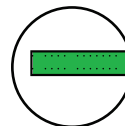


STEP
03

PICK YOUR
UPPER
CEILING



ACT

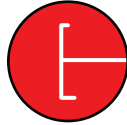


GYPSUM

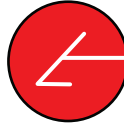


ADJUSTABLE CEILING COVES

STEP 02 PICK MOUNTING PROFILE



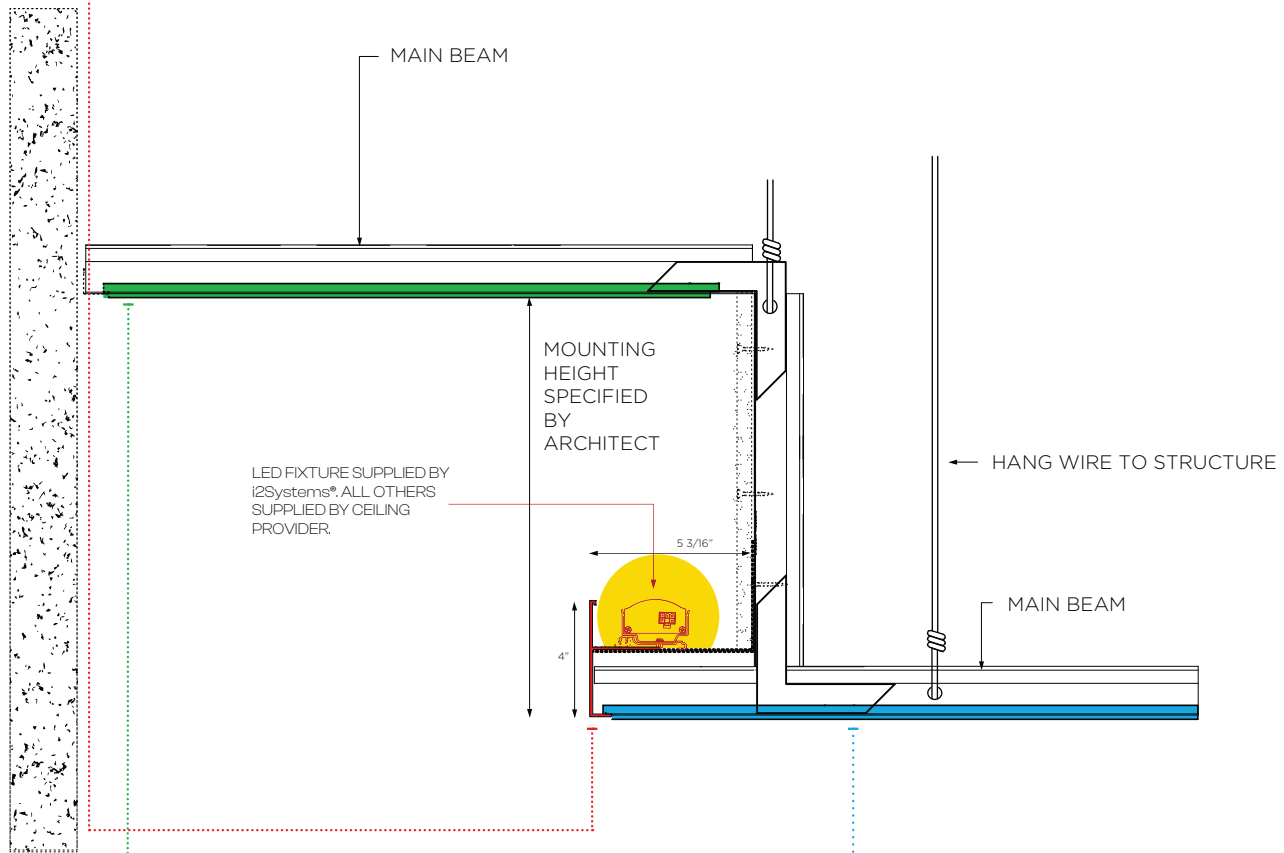
PROFILES



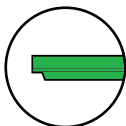
ITEMS MARKED IN **YELLOW** ARE SUPPLIED BY i2Systems®
ALL OTHER COMPONENTS ARE SUPPLIED BY CEILING PROVIDER.



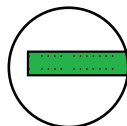
Profiles supplied by ceiling provider.
Architect to specify in Section 9 of the master specification.



STEP 03 PICK YOUR UPPER CEILING



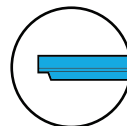
ACT



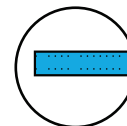
GYPSUM



STEP 04 PICK YOUR LOWER CEILING



ACT



GYPSUM



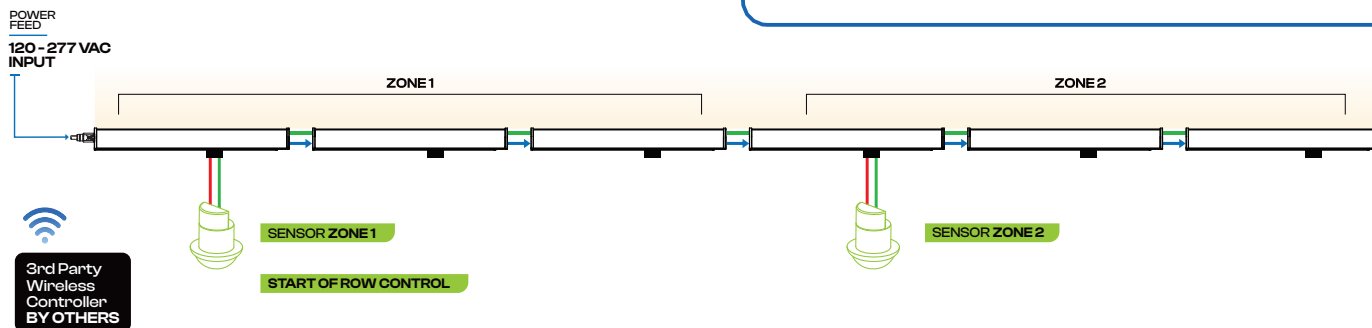
Controls | 0-10V

SensorCONNECT

SVL - 0-10V ATHENA 11

SVE - 0-10V ENLIGHTED 11

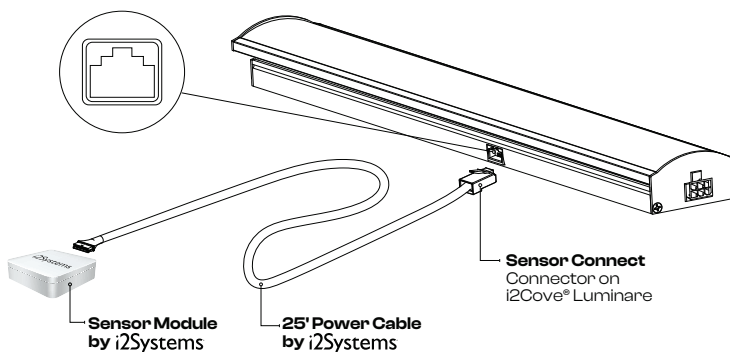
- The Energy Manager provides the lighting command.
- The Sensor controls **ALL LIGHTS** that are connected together up to the next sensor in the same row.
- Multiple sensors provide separate zone control.
- LED Module, Power Cable and Sensor for LUTRON® Athena supplied by i2Systems®. Controls by others.
- **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

Control Sensors

LUTRON® Athena	Wireless Node	By i2 SVL-KIT-25-N
LUTRON® Athena	Wireless Node Sensor	By i2 SVL-KIT-25-S



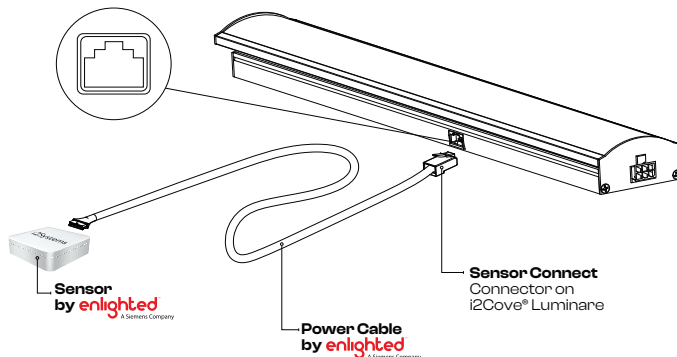
0-10V ENLIGHTED™

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'

Control Sensor

Enlighted™ Sensor SU-5E



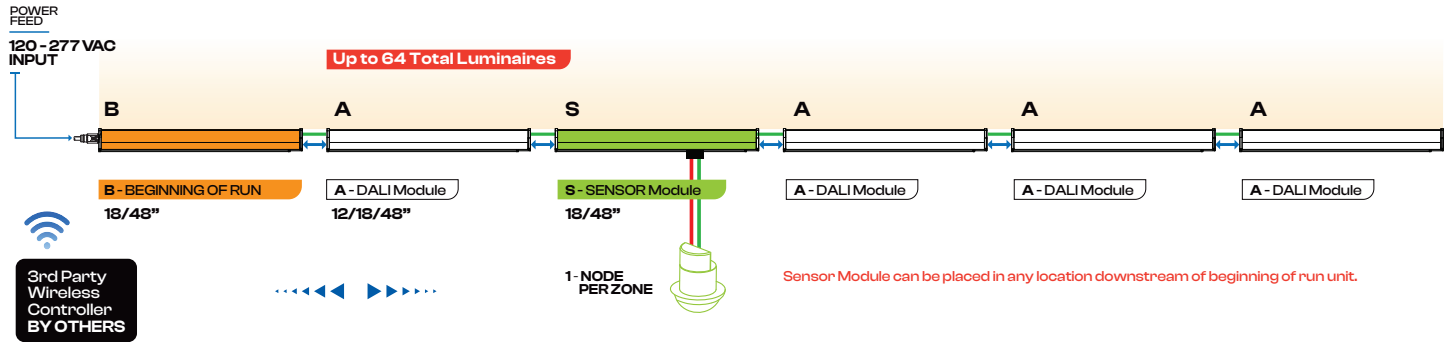
Controls | DALI

SensorCONNECT

SAL - 0-10V ATHENA ❶

SAE - 0-10V ENLIGHTED ❶

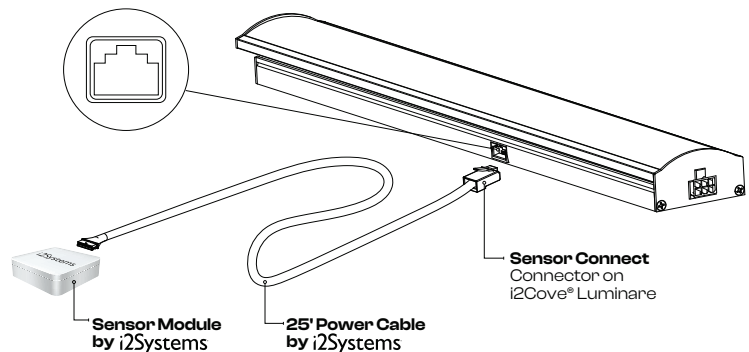
- The Energy Manager provides the lighting command.
- Multiple sensors provide separate zone control.
- LED Module and power cable for LUTRON® Athena supplied by i2Systems®, Controls by others.
- **Connector not used in Corner LED Modules.**
- Sensor Module and Beginning of Run supplied in 18" & 48" lengths.



DALI ATHENA™

Control Sensors

LUTRON® Athena	Wireless Node	By i2 SAL-KIT-25-N
LUTRON® Athena	Wireless Node Sensor	By i2 SAL-KIT-25-S



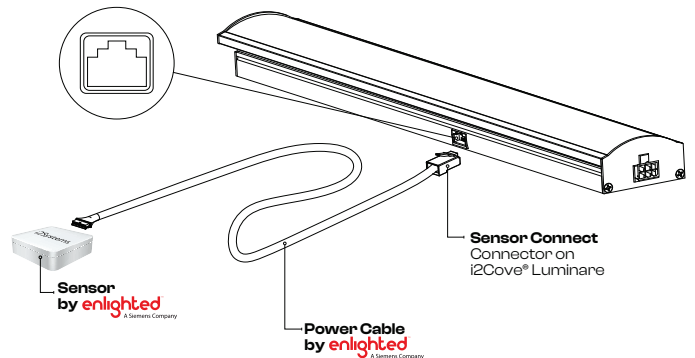
DALI ENLIGHTED™

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'

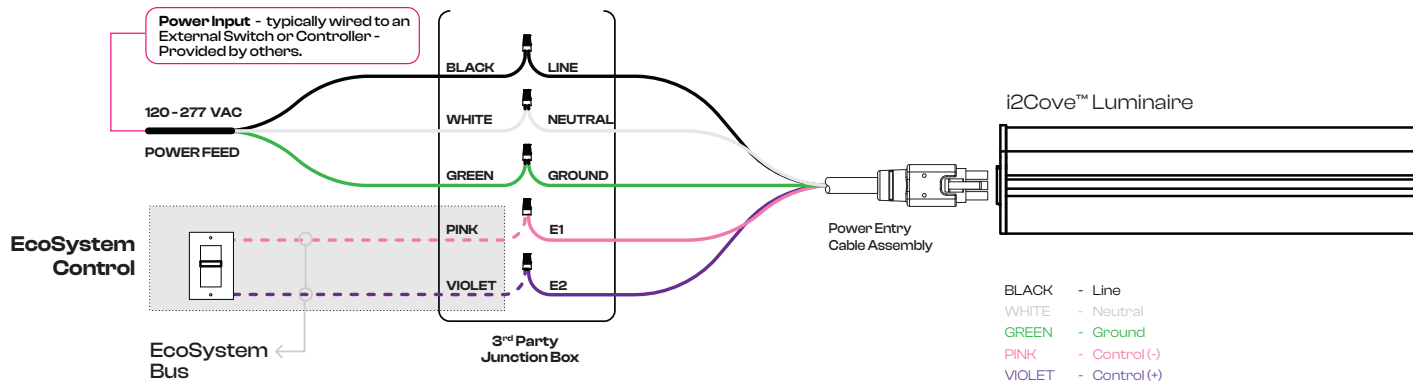
Control Sensor

Enlighted™	Sensor	SU-5E
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CONTROLS

L | LUTRON® EcoSystem®



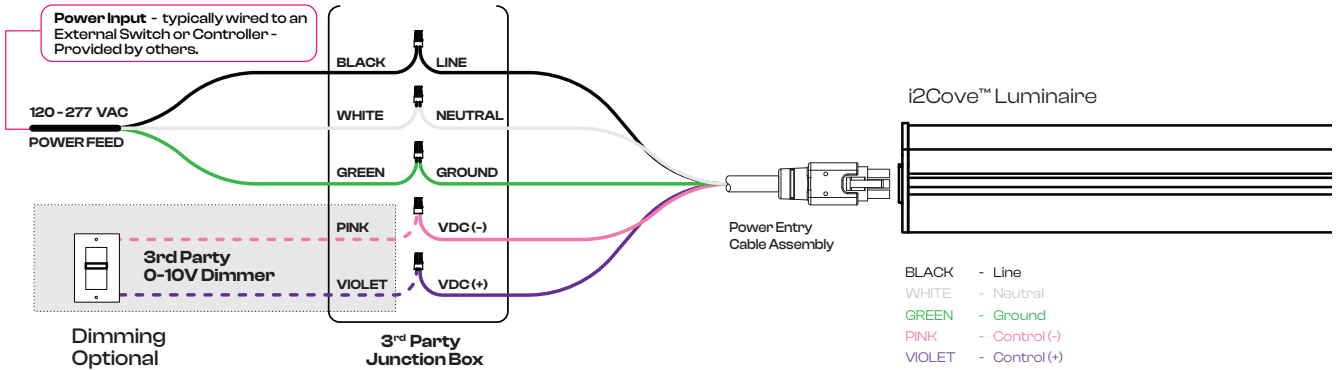
- Up to **64** Addresses per Controller.
- (1) Address is reserved for **INTENSITY** for each light fixture.
- LED Modules for LUTRON® EcoSystem® dimming are **ONLY** offered in 18" and 48" lengths.



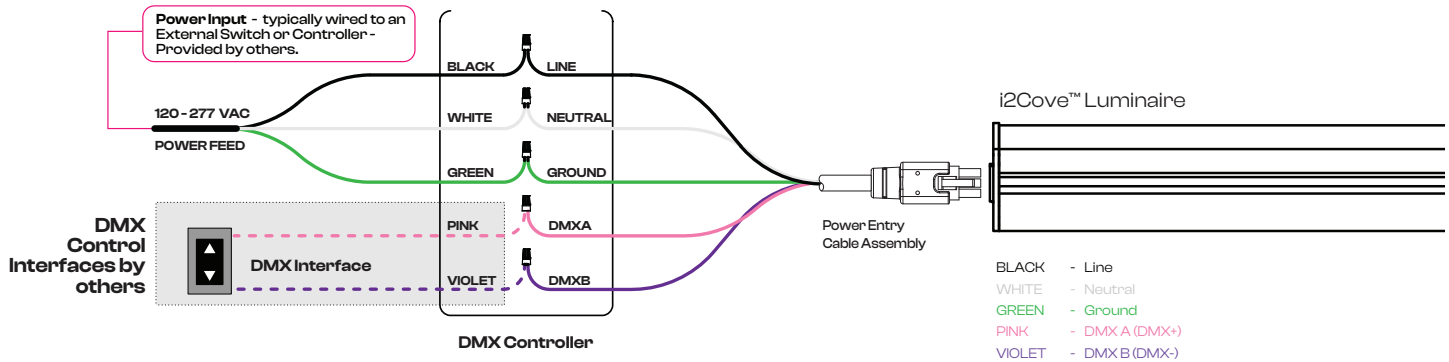
INSTALLATION SIZE	Total Digital Addresses Available	CONTROLLABLE ZONES	iPAD / iPHONE CONTROL	SYSTEM	LINK	WALL CONTROLS
SMALL	64	6	NO	GrafikEyeQS w/Eco #QSGRJ-6E	https://www.lutron.com/TechnicalDocumentLibrary/QSGRJ-xE Sub.pdf	One 4-button (3-scene) wireless Pico and two wireless Pico #PJ2-2BRL-GWH-L01 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.					

CONTROLS

V | 0-10V



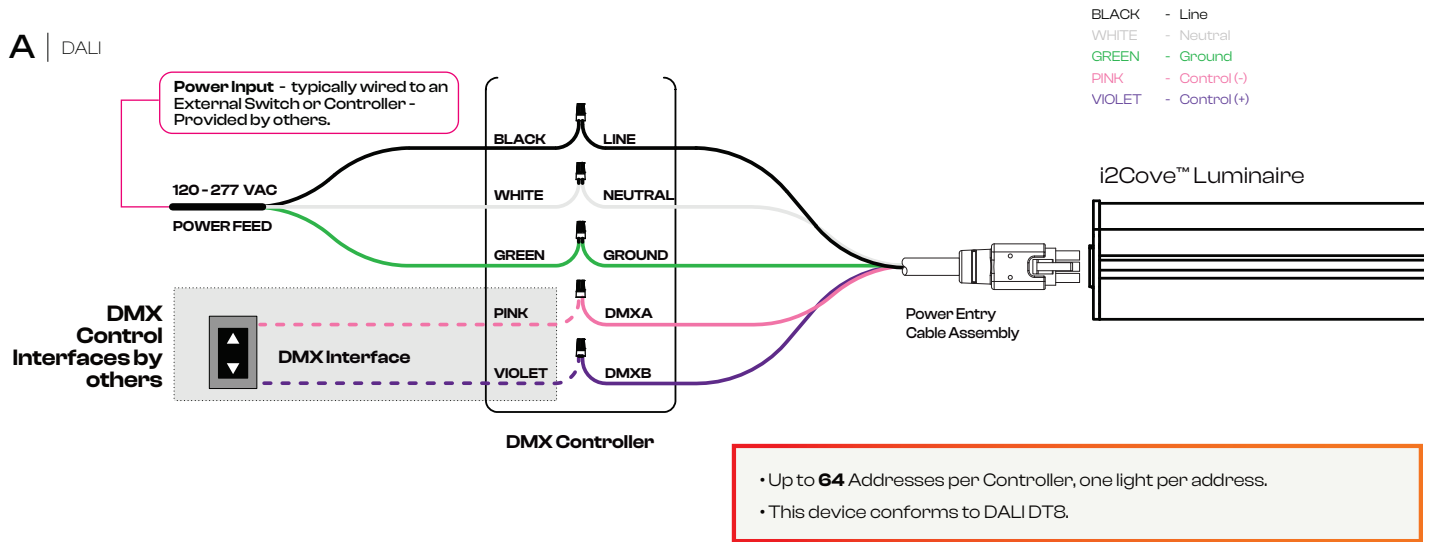
D | DMX



DMX CHANNEL	DESCRIPTION	RANGE
1	INTENSITY	0-100%
2	CCT	WARM WHITE - COOL WHITE

- 512 Available Addresses per Controller.
- For Tunable White, use the channel table to the right.

A | DALI



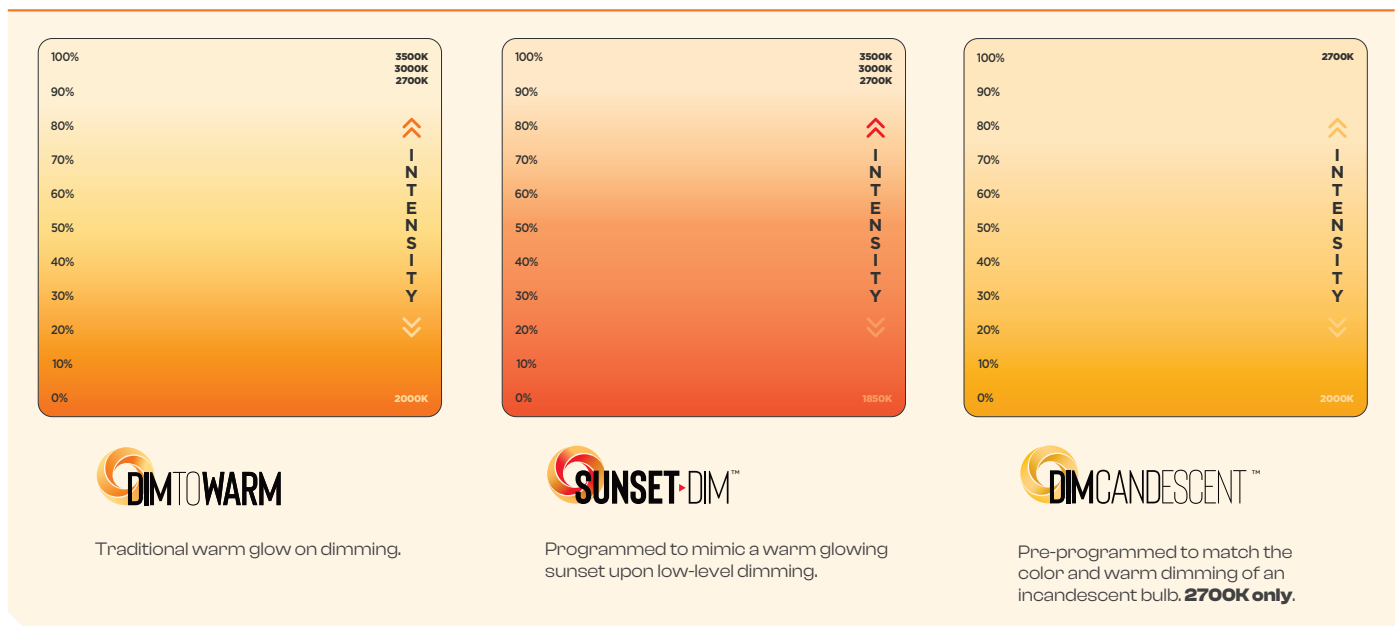
COLOR QUALITY

R Values

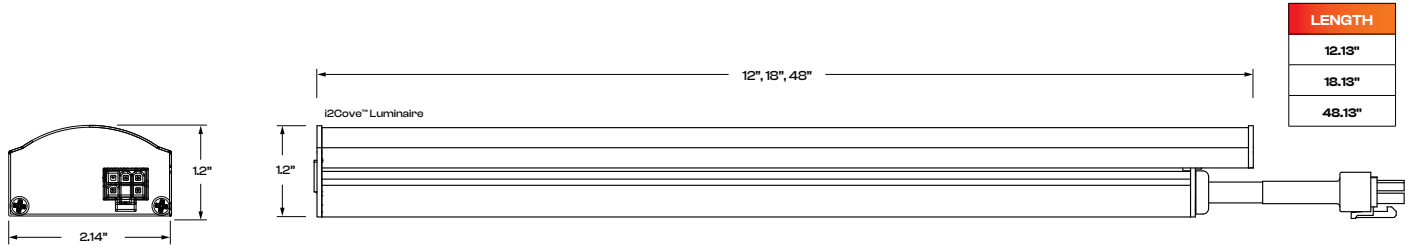
HIGH CRI 92 (TYPICAL)

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	83	95	98	95	97	99	98
3000K	99	100	99	99	99	100	99	98	98	80	99	99	99	99	99	99
3500K	98	99	99	98	96	99	98	98	97	87	99	93	91	99	99	97

DT | Built-in Warm Dim Technology



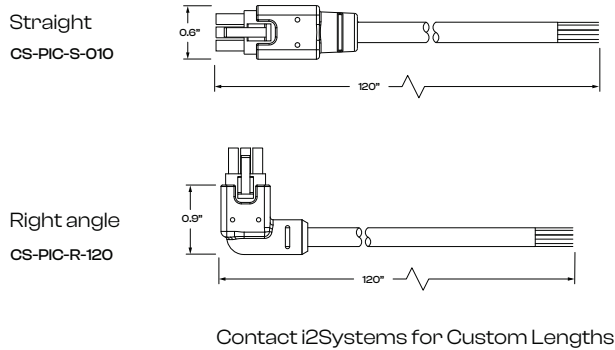
LED Module End Views



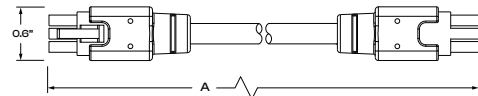
LED Module Technical Properties

E ENVIRONMENT: FOR INDOOR USE ONLY. Ambient operating temperature: (0°C) - (+40°C) 0% to 90% humidity, non-condensing	IP PROTECTION: IP50 - suitable for Damp locations	H HOUSING: Aluminum Housing & Diffused Polycarbonate Optic Lens	W WEIGHT: 12" - 0.87lb 18" - 1.31lb 48" - 3.10lb Corners - 1.95lb
	V INPUT VOLTAGE: 120-277VAC 60 Hz	S STORAGE TEMPERATURE: Range: (-20°C) - (+65°C)	L LIFE: 60,000hrs to L70

Power Input cables



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"

Certifications

