

i2Cove™

ACT: Ceiling-to-Wall

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

TUNABLE WHITE WITH i2 COLOR DEMAND

PERFORMANCE

3000K LUMEN DATA

System Watts/Ft	Delivered Lumens/Ft	
	92+ CRI	96+ CRI
5	481	409
6	604	513
7	724	615
8	869	739
9	980	833
10	1091	928
11	1186	1008
12	1297	1103

LUMEN FACTOR

Output Factors	
CCT	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

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



DOWNLOAD IES FILES

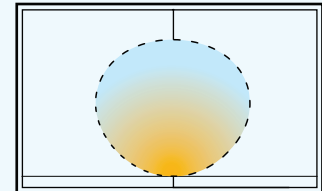
DOWNLOAD STATIC WHITE SPEC

DOWNLOAD WARM-DIM SPEC

YOU DESIGN IT. WE MAKE IT.

SPECIFICATION CODE BUILDER

FEATURES & BENEFITS



SYMMETRIC BEAM



LOW PROFILE

Just 1" tall



SMOOTH DISTRIBUTION FOR CLOSE TO WALL OR CEILING APPLICATIONS

2 Step MacAdam Ellipse with tight LED spacing



PLUG & PLAY

120-277 VAC, 12", 18", & 24" fixtures



WIDE OPTICAL WINDOW

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



ONLY 5 WIRES

LIGHTLINK™
Enabled



1 CHOOSE YOUR LOW VALUE - CCT 1

2 CHOOSE YOUR HIGH VALUE - CCT 2

EXAMPLE: CS-08W-20K-30K-H-AC-L

Series	Power	CCT 1	CCT 2	Color Quality	Mounting	Controls	Geometry Direction
CS							
CS i2 Cove™	05W	18K - 1850K §	20K - 2000K**	H - High (92)	AC - ACT	L - Lutron Ecosystem ‡ 2 Address - (Intensity/CCT)	Straight →
	06W	20K - 2000K**	22K - 2200K**	U - Ultra High (98+) SOLE Technology †		V - 0-10V with i2 LightLink™	L-Shape ↙ ↘
	07W	22K - 2200K**	25K - 2500K**	R Values on pg. 9		A - DALI	U-Shape ↖ ↗
	08W	25K - 2500K**	27K - 2700K			SensorCONNECT	Sq./Rect. □ ▢
	09W	27K - 2700K	30K - 3000K			SAL - DALI - LUTRON ATHENA ¶	Custom ⬢
	10W	30K - 3000K	35K - 3500K			SAE - DALI - ENLIGHTED ¶	
	11W	35K - 3500K	40K - 4000K				
	12W	40K - 4000K	45K - 4500K				
		45K - 4500K	50K - 5000K				
		50K - 5000K	57K - 5700K				
		57K - 5700K	65K - 6500K				

*Dims to 1%

**18K-25K Standard CRI (83+)

† Offered in 27K-35K

‡ Offered in 18" & 48" Lengths

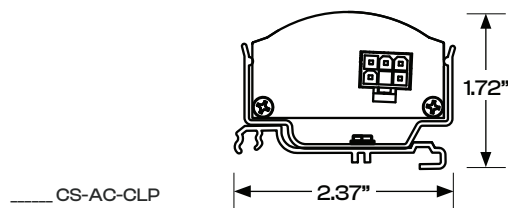
§ CCT 2 for 1850K can only extend to 3500K

¶ 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.

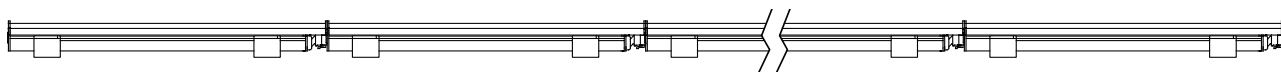
LED Module Connections



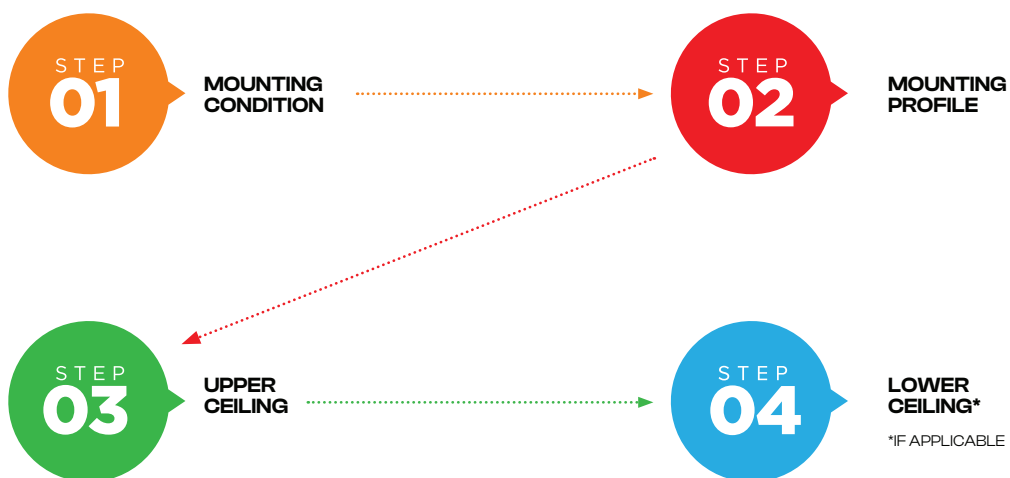
Modules can be installed in a variety of configurations:
linearly, around corners, or around curved spaces.
All installations require equal spacing between modules.

LINEAR

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

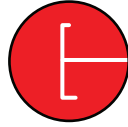


4 Simple Steps Specification Process

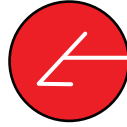


CEILING COVES

STEP 02 PICK MOUNTING PROFILE



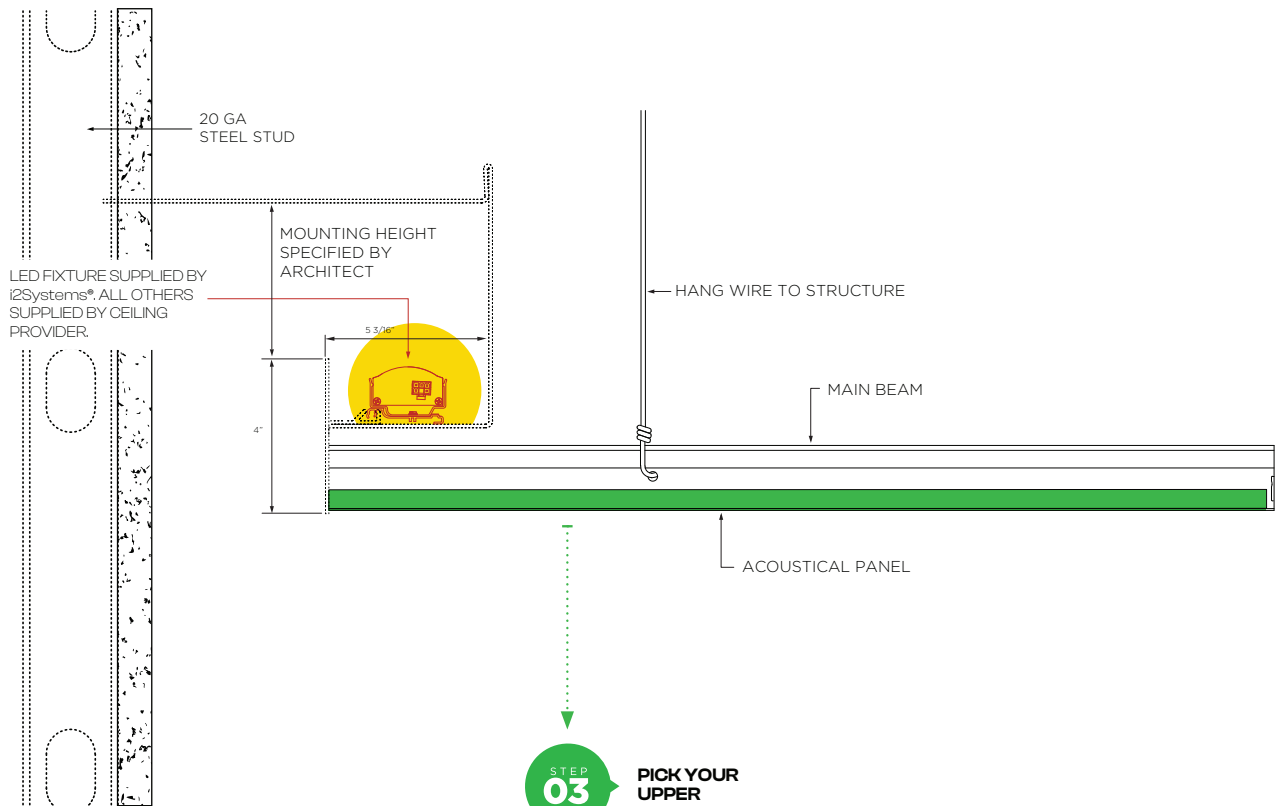
PROFILES



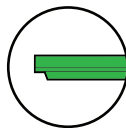
ITEMS MARKED IN **YELLOW** ARE SUPPLIED BY i2Systems®
ALL OTHER COMPONENTS ARE SUPPLIED BY CEILING PROVIDER.



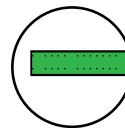
Profiles supplied by ceiling provider.
Architect to specify in Section 9 of the master specification.



STEP 03 PICK YOUR UPPER CEILING



ACT



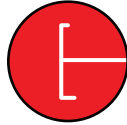
GYPSUM



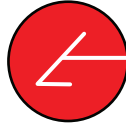
ADJUSTABLE CEILING COVES

STEP 02

PICK MOUNTING PROFILE



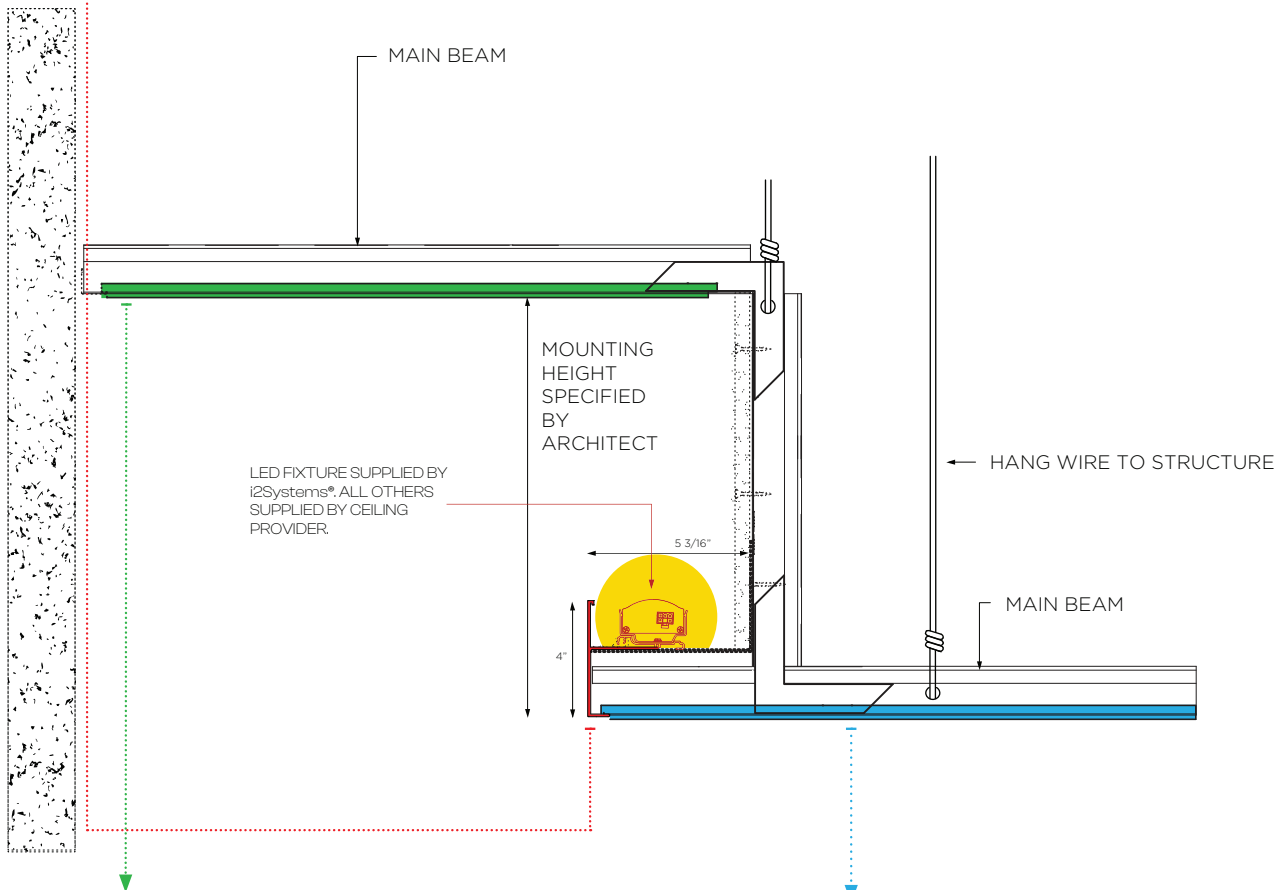
PROFILES



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

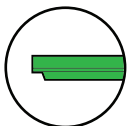


Profiles supplied by ceiling provider.
Architect to specify in Section 9 of the master specification.

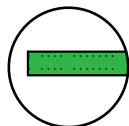


STEP 03

PICK YOUR UPPER CEILING



ACT

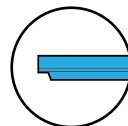


GYPSUM

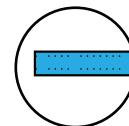


STEP 04

PICK YOUR LOWER CEILING



ACT

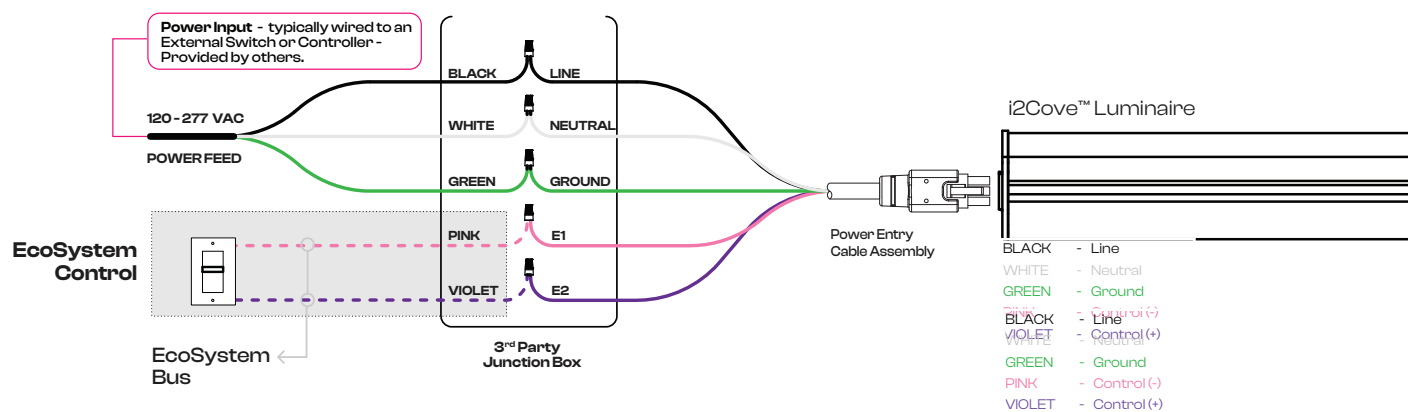


GYPSUM



CONTROLS

L | LUTRON® EcoSystem®



- Up to **64** Addresses per Controller. Or **32** Fixtures.
- (1) Address is reserved for **INTENSITY** for each light fixture.
- (1) Address is reserved for **CCT (COLOR)** for each light fixture.
- LED Modules for LUTRON® EcoSystem® dimming are **ONLY** offered in 18" and 48" lengths.

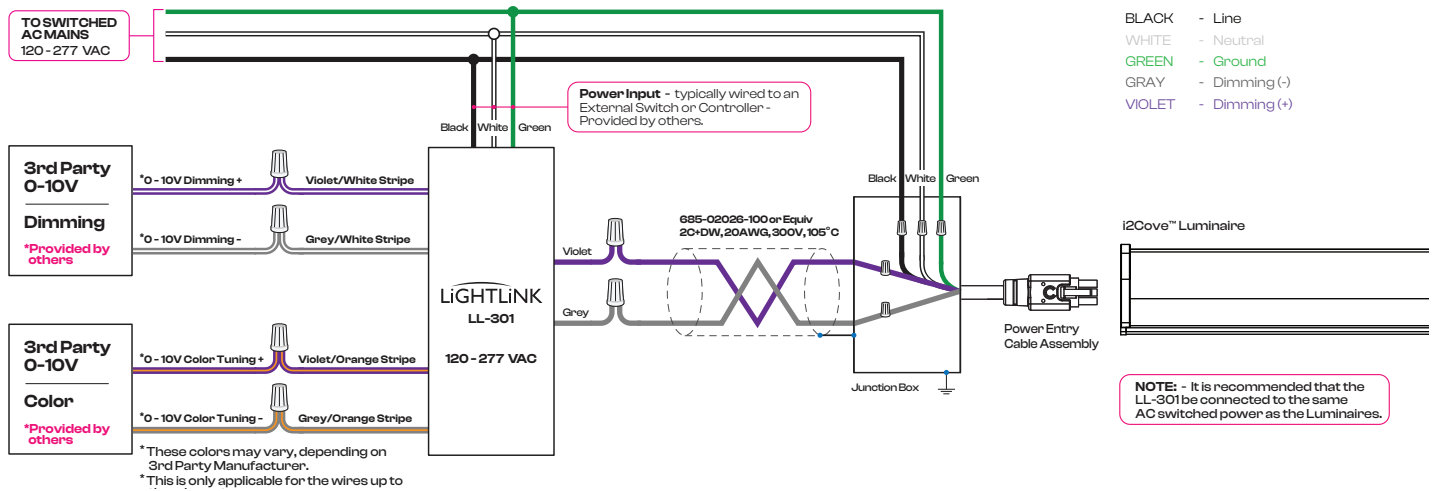


INSTALLATION SIZE	Total Digital Addresses Available	CONTROLLABLE ZONES	iPAD / iPHONE CONTROL	SYSTEM	LINK	WALL CONTROLS
SMALL	64	6	NO	GrafikEyeQS w/Eco #QSGRJ-6E	https://www.lutron.com/TechnicalDocumentLibrary/QSGRJ-xE Sub.pdf	One 4-button (3-scene) wireless Pico and two wireless Pico #PJ2-2BRL-GWH-L01 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 QWS2-5BRLN-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.					

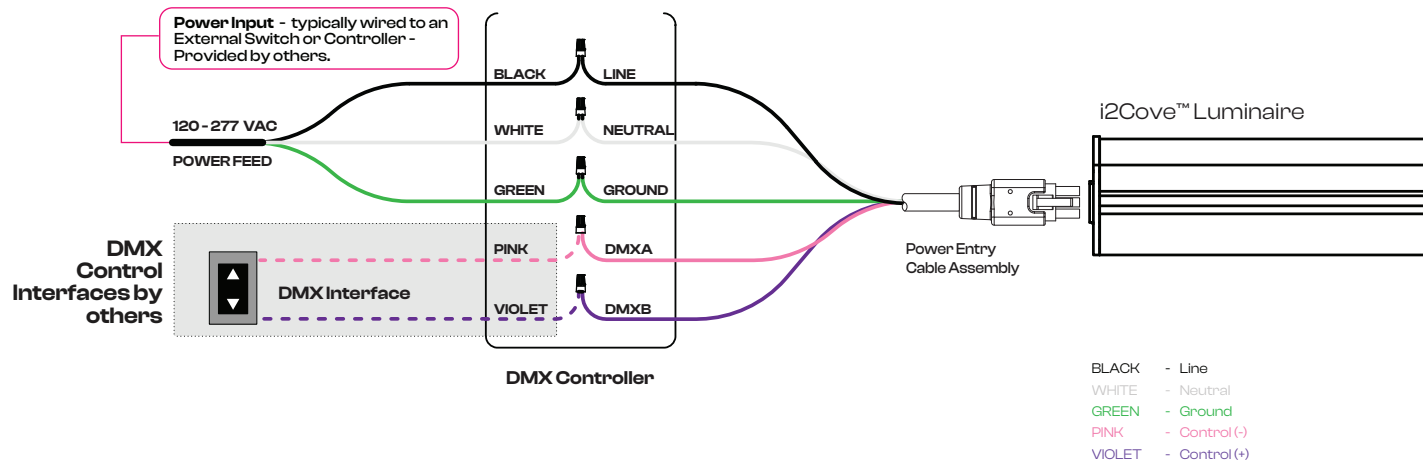
CONTROLS

V | 0-10V via i2Systems® Light Link™

LiGHTLiNk™
Enabled



A | DALI



- Up to **64** Addresses per Controller, one light per address.
- This device conforms to DALI DT8.

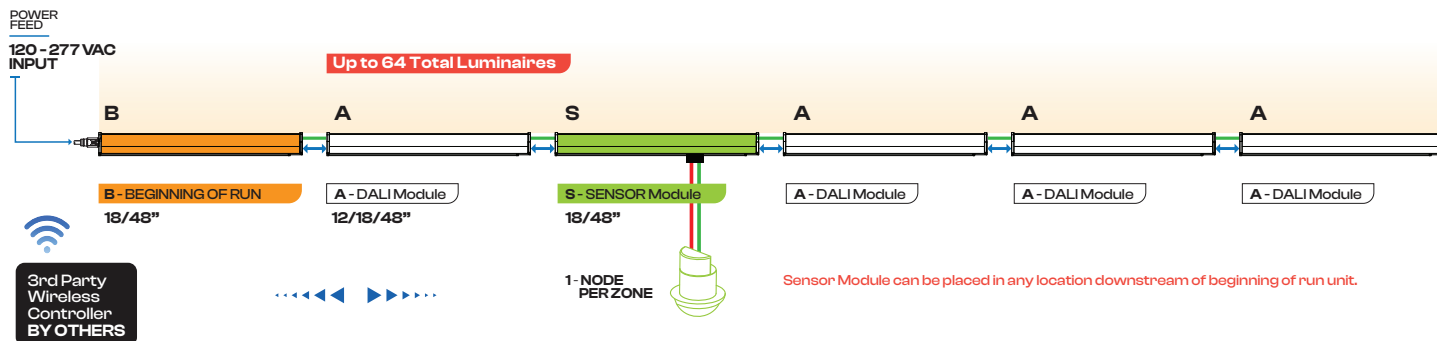
Controls | DALI

SensorCONNECT

SAL - 0-10V ATHENA ❶

SAE - 0-10V ENLIGHTED ❶

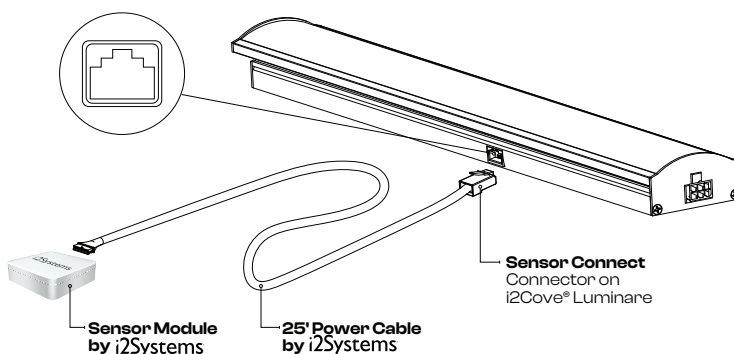
- The Energy Manager provides the lighting command.
- Multiple sensors provide separate zone control.
- LED Module and power cable for LUTRON® Athena supplied by i2Systems®, Controls by others.
- **Connector not used in Corner LED Modules.**
- Sensor Module and Beginning of Run supplied in 18" & 48"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



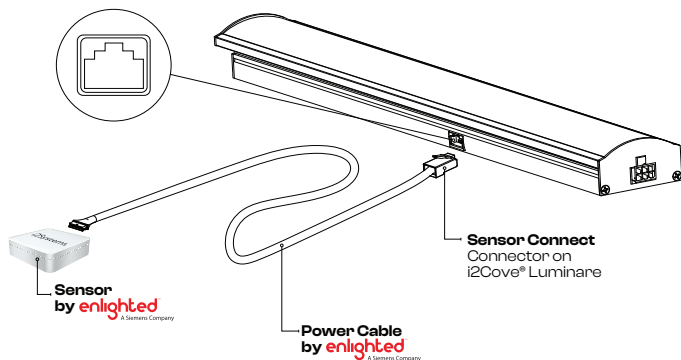
DALI ENLIGHTED™

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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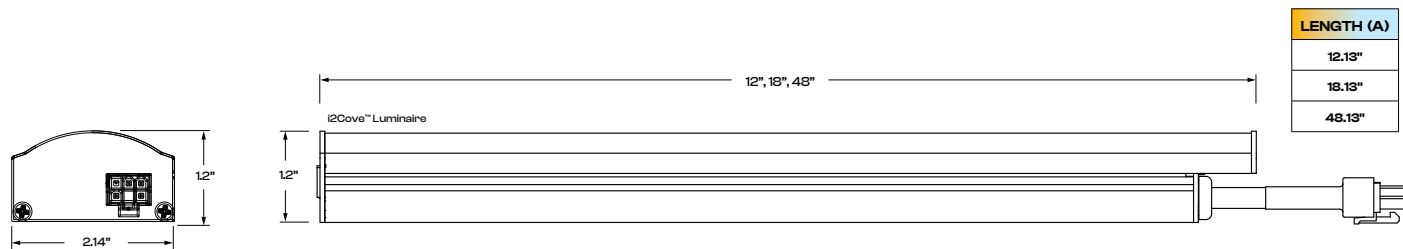
COLOR QUALITY

R Values

HIGH CRI 92

Color Temp.	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
1850K	85	85	95	93	81	85	97	81	63	32	90	82	92	87	97	78
2000K	83	82	92	97	80	81	90	84	61	18	81	79	72	84	99	75
2200K	84	82	92	97	81	82	91	83	62	23	82	81	79	84	99	76
2500K	84	82	92	96	81	82	93	82	61	23	84	82	82	85	99	75
2700K	91	92	92	91	93	91	88	94	86	55	81	92	60	93	95	89
3000K	96	98	97	93	94	99	94	96	94	80	92	89	72	99	96	98
3500K	93	95	94	94	95	94	92	96	88	62	86	93	66	95	96	90
4000K	96	98	97	95	97	97	95	96	90	71	92	93	71	98	97	94
4500K	96	95	99	97	92	96	95	98	96	88	97	85	81	95	97	98
5000K	96	97	98	99	97	97	93	94	89	75	97	91	78	97	99	96
5700K	94	95	97	98	91	94	90	94	89	75	92	82	91	94	98	97
6500K	92	96	96	95	93	94	87	91	85	69	90	83	85	94	98	95

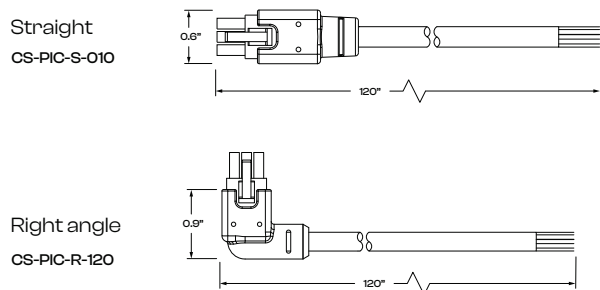
LED Module End Views



LED Module Technical Properties

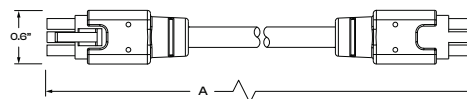
E ENVIRONMENT: FOR INDOOR USE ONLY. Ambient operating temperature: (0°C) - (+40°C) 0% to 90% humidity, non-condensing	IP PROTECTION: IP50 - suitable for Damp locations	H HOUSING: Aluminum Housing & Diffused Polycarbonate Optic Lens	W WEIGHT: 12" - 0.87lb 18" - 1.31lb 48" - 3.10lb Corners - 1.95lb
	V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

Power Input cables



Contact i2Systems for Custom Lengths

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

