

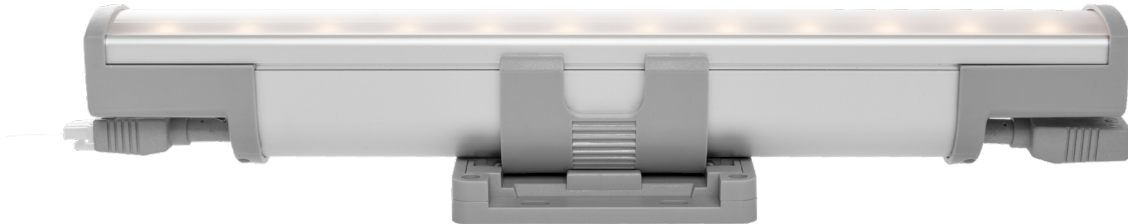
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

MODA Contact: \_\_\_\_\_ E-Mail: \_\_\_\_\_

SKU: \_\_\_\_\_ Type: \_\_\_\_\_ PO#: \_\_\_\_\_ Quantity: \_\_\_\_\_

Notes: \_\_\_\_\_

\_\_\_\_\_



### Specification Grade Premium Interior Cove Fixture.

MODA COVE Interior is a new patent pending cove lighting system designed for interior applications. Utilizing MODA's latest software and dimming technology with its onboard dimming chipset and MODA firmware, this series can dim to 0% smoothly without any flicker or noise and simultaneously synchronize dim with every fixture. Choose between Electronic Low Voltage or DALI dimming with no minimum run lengths. With MODA's methods of precision and high standards of work, MODA achieves perfect illumination. Color Rendering Index is at a MODA standard of 94-98. R1 - R15 values are in excess of 90. No striations, no color over angle, and no dark spots. Small in physical size, yet powerful with up to 1200 lm/ft.

Standard color temperatures available are 2200K, 2700K, 3000K, 3500K, and 4000K. Other CCT are available by request. 100-277V, 50/60Hz power input allows these fixtures to be installed anywhere in the world. New patent pending locking bracket rotates 180 degrees for a multitude of light directions. Rugged aluminum design. Fast installation is achieved with MODA KWIK CONNECT plugs and install-integral thumb latch connectors. Choice of five lumen packages ranging from 300 lm/ft to 1200 lm/ft. Available in 1ft & 4ft sections. Series is designed for driver or light engine to be factory replaced at its end of life or recycled.

Designed and developed in Las Vegas, USA by MODA.

PAGE

3	FEATURES
4	1 FOOT
5	4 FOOT
6	TM30
7	TM30
8	ELV WIRING
9	0-10V TO ELV
10	ACCESSORIES: CABLES
11	FIXTURES
12	FIXTURES AND ACCESSORIES

### PHYSICAL

<b>Dimensions</b>	L: 1ft (306mm) L: 4ft (1.21m)	W: 2 1/2in(72mm) H: 2 5/16in(60mm)
<b>Applications</b>	Cove, Accent & Indirect General Illumination	
<b>Construction</b>	Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens	
<b>Ingress Protection</b>	Dry/Damp Location IP44	
<b>Thermal Management</b>	MODA Aluminum Heat Sink	
<b>Beam Angle</b>	120°	
<b>Fixture Connections</b>	Integral Male & Female Connectors	
<b>Operating Temperature</b>	-40°F ~ 122°F (-40°C ~ 50°C)	
<b>Storage Temperature</b>	-40°F ~ 176°F (-40°C ~ 80°C)	
<b>Humidity</b>	0-95% Non Condensing	

### OUTPUT

<b>CCT &amp; SDCM</b>	2200K, 2700K, 3000K, 3500K, 4000K 2 Step MacAdam Ellipse
<b>Color Bin Tolerance</b>	Single Bin
<b>CRI</b>	94 - 98
<b>Lumen Maintenance</b>	90,000 Hours L70 @ 25°C 70,000 Hours L70 @ 50°C
<b>Testing Data</b>	Light Data LM-79-08 & LM-80-08

### ELECTRICAL

<b>Input Voltage</b>	100-277V AC 50Hz/60Hz
<b>Control</b>	Electronic Low Voltage Reverse Phase Trailing Edge
<b>Power Factor</b>	≥ 0.98

### CCT

	LO	SO	SO+	HO	HO+
<b>1 Foot</b>	22K	•	•		•
	27K	•	•	•	•
	3K	•	•	•	•
	35K	•	•	•	•
	4K	•	•	•	•
<b>4 Foot</b>	22K	•	•		•
	27K	•	•	•	•
	3K	•	•	•	•
	35K	•	•	•	•
	4K	•	•	•	•

• Available

### MODA TECHNOLOGY

moda**SOFTWARE™**

moda**HARDWARE™**

moda**DYNAMIC WARM™**

moda**PHOSPHOR™**

moda**HIGH CRI™**

moda**DMX™**

moda**DRIVER™**

moda**ZERO BIN™**

moda**THERMAL MANAGEMENT™**

moda**AIRFLOW™**

moda**COMMUNICATE™**

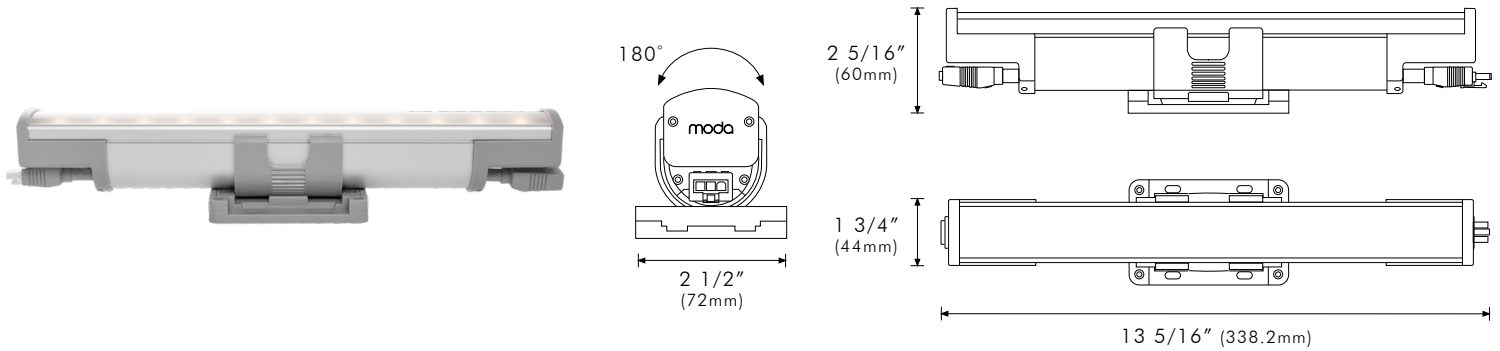
moda**KWIK CONNECT™**



**Certification** Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, C-Tick, RoHS, & WEEE Compliant.

**Class** 1

**Warranty** 3 Year Limited Warranty



## ELV

	CCT	Lumens	CRI	Efficacy
LO	2200K	250.50	94	62.63
	2700K	310.00	95	77.50
	3000K	332.00	95	83.00
	3500K	344.00	96	86.00
	4000K	352.00	97	100.43
SO	2200K	339.80	94	67.90
	2700K	450.67	95	90.13
	3000K	490.25	95	98.05
	3500K	491.33	96	98.26
	4000K	493.84	97	98.76
SO+	2200K*	—	—	—
	2700K	790.08	95	79.00
	3000K	792.00	95	79.20
	3500K	795.05	96	79.50
	4000K	801.05	97	80.10
HO	2200K*	—	—	—
	2700K	1040.26	95	104.26
	3000K	1160.36	95	116.00
	3500K	1208.10	96	120.00
	4000K	1257.15	97	125.00
HO+	2200K	1085.20	90	108.52
	2700K	1219.79	95	121.97
	3000K	1223.56	95	122.35
	3500K	1236.09	96	123.60
	4000K	1240.01	97	124.00

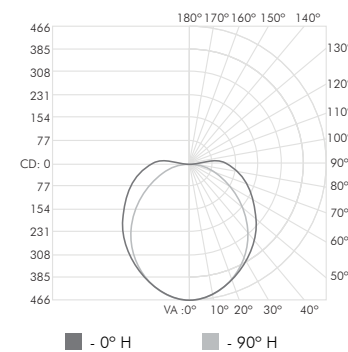
	Power Consumption 100-277V AC	Max Continuous Run	
		120V AC	277V AC
LO	4W	180 ft	360 ft
SO	5W	120 ft	240 ft
SO+	10W	60 ft	120 ft
HO	10W	60 ft	120 ft
HO+	10W	60 ft	120 ft

## Illuminance at a Distance (4000K)

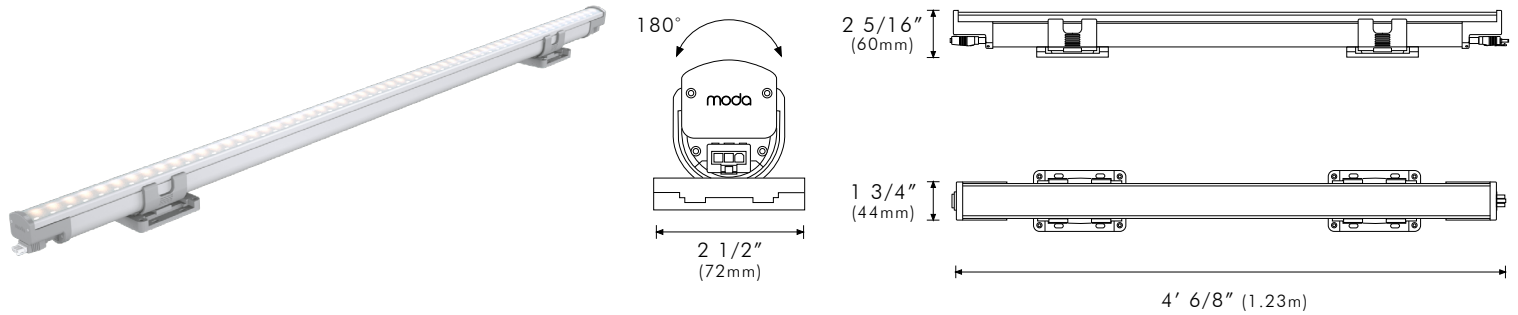
	Center Beam FC	Beam Width
2.0 ft	114.81 fc	8.9 ft 5.6 ft
4.0 ft	28.70 fc	18.1 ft 11.3 ft
6.0 ft	14.35 fc	27.0 ft 16.9 ft
8.0 ft	7.17 fc	36.1 ft 22.5 ft
10.0 ft	3.58 fc	45.1 ft 28.2 ft
12.0 ft	2.87 fc	54.1 ft 33.8 ft

▲ Vert. Spread: 120°    ▲ Horiz. Spread: 100°

## Polar Candela Distribution (4000K)



\*2200K not available for SO+ or HO



## ELV

	CCT	Lumens	CRI	Efficacy
LO	2200K	1002.00	94	62.63
	2700K	1234.00	95	77.13
	3000K	1316.00	95	82.25
	3500K	1366.00	96	85.83
	4000K	1406.00	97	87.87
SO	2200K	1368.11	94	71.00
	2700K	1783.10	95	93.84
	3000K	1820.18	95	95.79
	3500K	1900.45	96	100.02
	4000K	1966.00	97	103.47
SO+	2200K*	—	—	—
	2700K	3161.67	95	79.01
	3000K	3168.23	95	79.20
	3500K	3185.20	96	79.63
	4000K	3208.40	97	80.21
HO	2200K*	—	—	—
	2700K	4164.02	95	104.00
	3000K	4635.40	95	115.00
	3500K	4832.40	96	120.81
	4000K	5012.60	97	125.00
HO+	2200K	4300.80	90	107.52
	2700K	4587.96	95	114.69
	3000K	4794.28	95	114.69
	3500K	4844.63	96	121.11
	4000K	4960.04	97	124.00

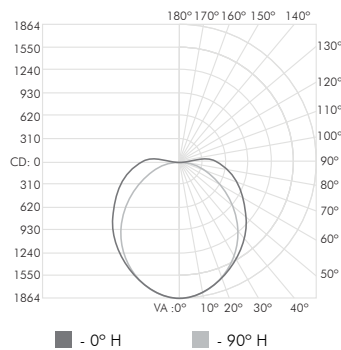
	Power Consumption 100-277V AC	Max Continuous Run	
		120V AC	277V AC
LO	16W	180 ft	360 ft
SO	19W	120 ft	240 ft
SO+	40W	60 ft	120 ft
HO	40W	60 ft	120 ft
HO+	40W	60 ft	120 ft

### Illuminance at a Distance (4000K)

	Center Beam FC	Beam Width
2.0 ft	459.26 fc	8.9 ft 5.6 ft
4.0 ft	114.81 fc	18.1 ft 11.3 ft
6.0 ft	57.40 fc	27.0 ft 16.9 ft
8.0 ft	28.70 fc	36.1 ft 22.5 ft
10.0 ft	14.35 fc	45.1 ft 28.2 ft
12.0 ft	11.48 fc	54.1 ft 33.8 ft

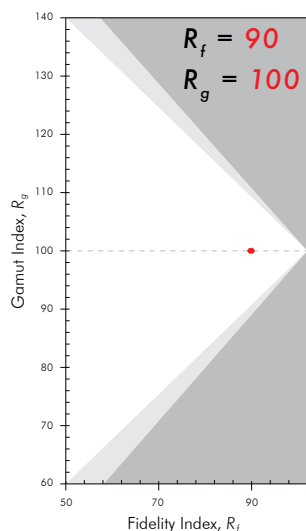
▲ Vert. Spread: 120°
▲ Horiz. Spread: 100°

### Polar Candela Distribution (4000K)

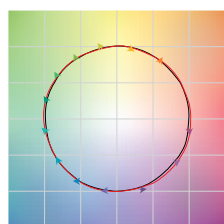
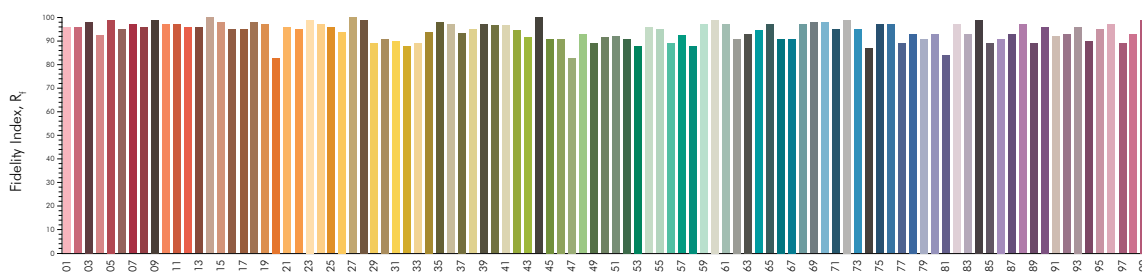


\*2200K not available for SO+ or HO

### 2200K TM30



### Color Evaluation Sample

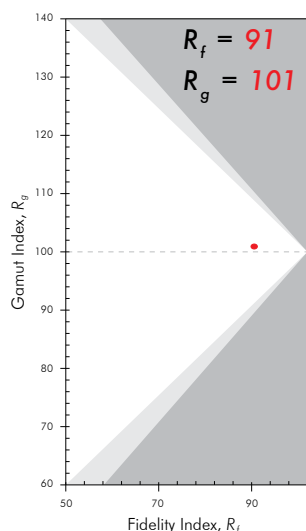


Color  
Vector  
Graphic

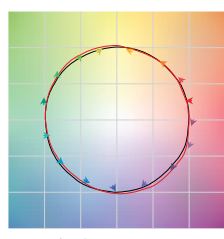
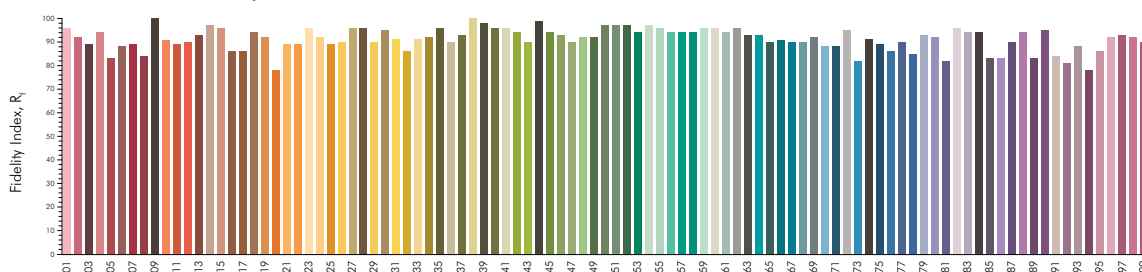


Color  
Distortion  
Graphic

### 2700K TM30



### Color Evaluation Sample

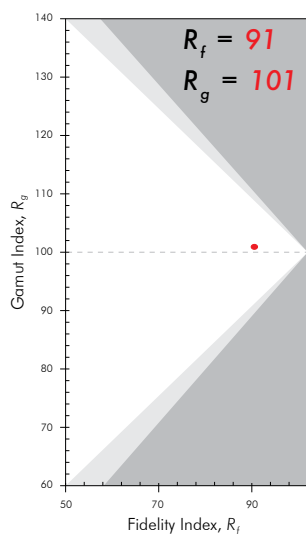


Color  
Vector  
Graphic

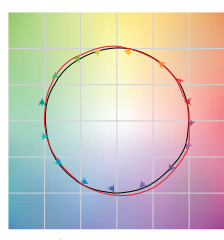
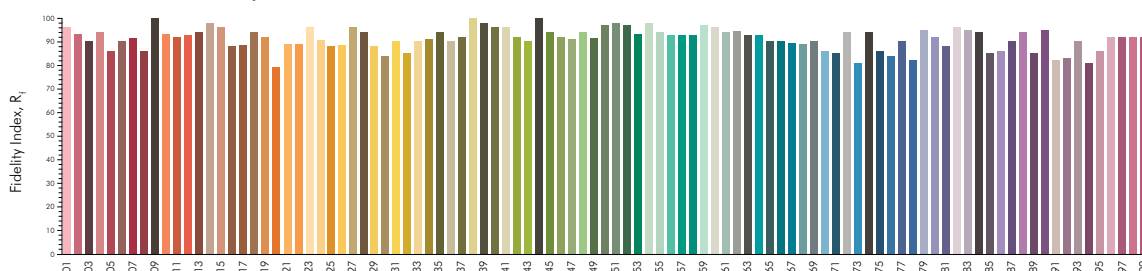


Color  
Distortion  
Graphic

### 3000K TM30



### Color Evaluation Sample

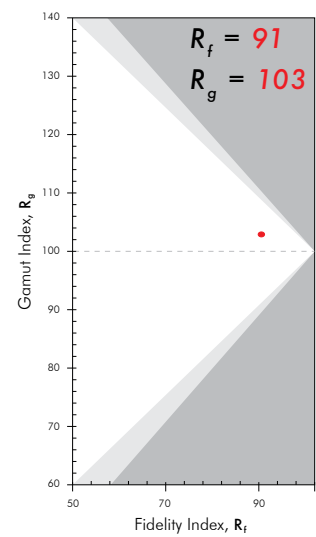


Color  
Vector  
Graphic

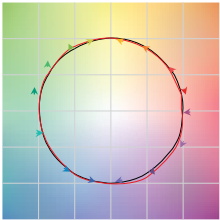
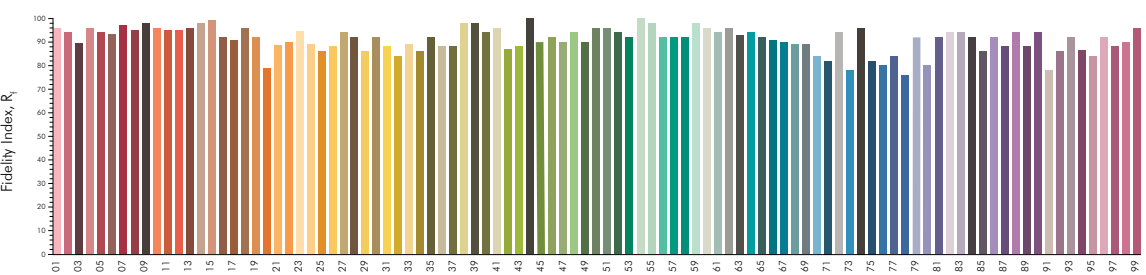


Color  
Distortion  
Graphic

3500K TM30



Color Evaluation Sample

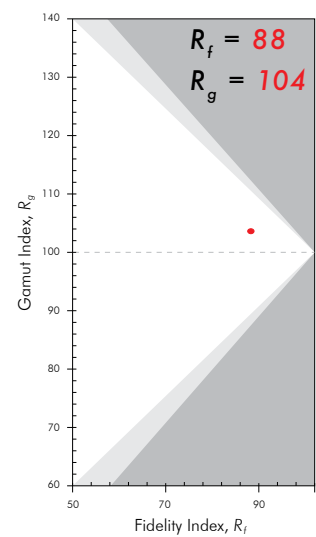


Color Vector Graphic

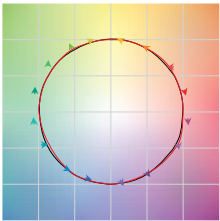
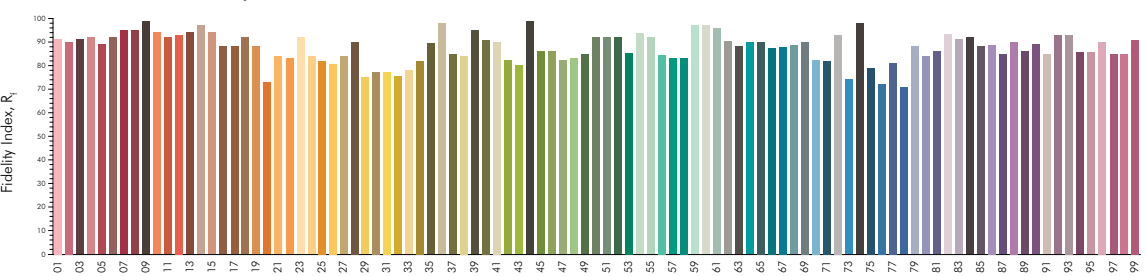


Color Distortion Graphic

4000K TM30



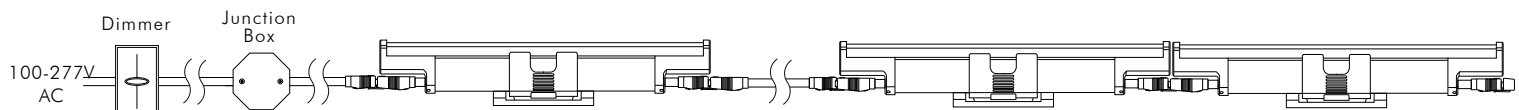
Color Evaluation Sample



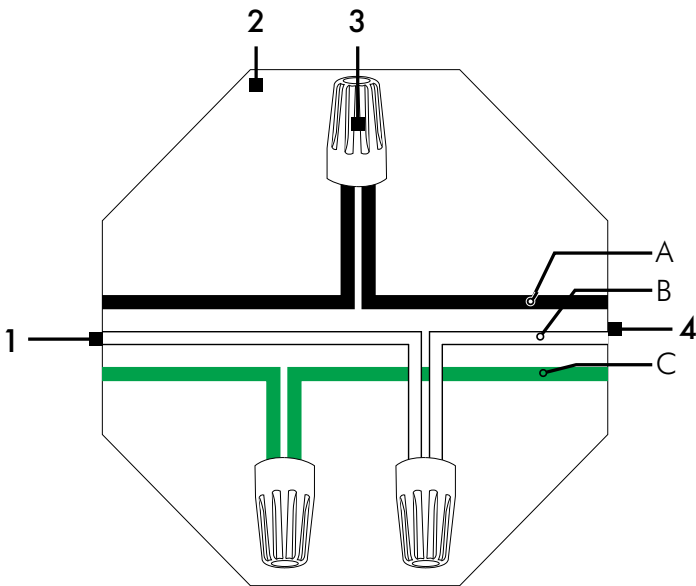
Color Vector Graphic



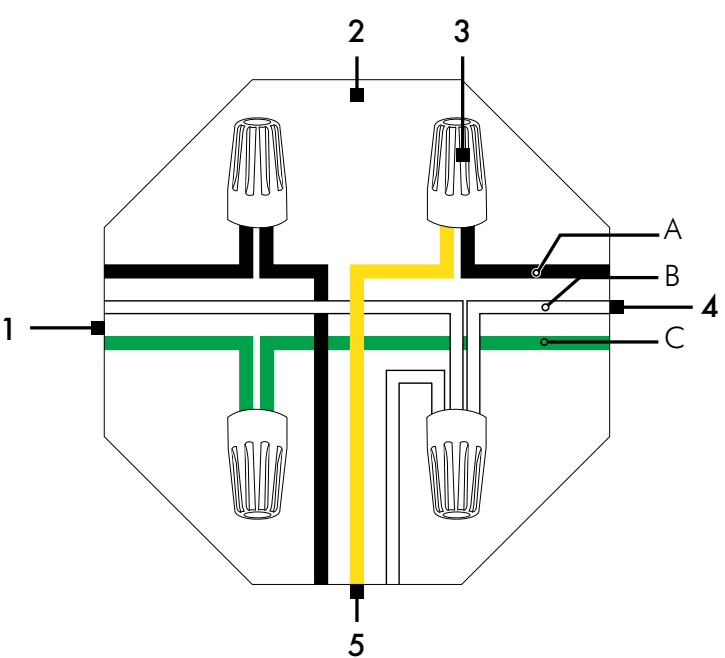
Color Distortion Graphic



UL / cUL Non-dimming









UL / cUL ELV Dimming



Wiring Legend

1	Power 100-277V AC
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

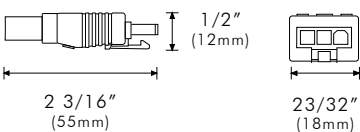
3 Pin Leader Cable

		UL/cUL	CE/CCC*
A	100-277V AC	 Black	 Brown
B	Neutral	 White	 Blue
C	Ground	 Green	 Green/ Yellow

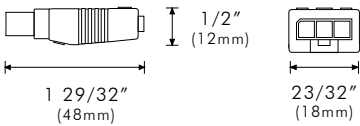
\*Not illustrated

ELV Connectors

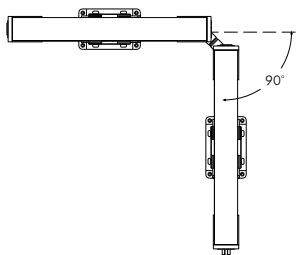
Male Output



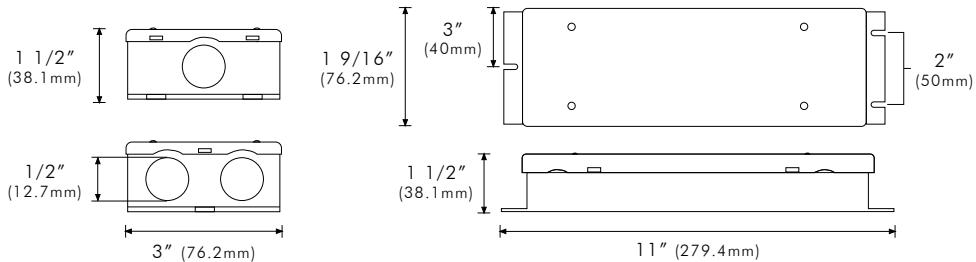
Female Output



Angle Adjustment



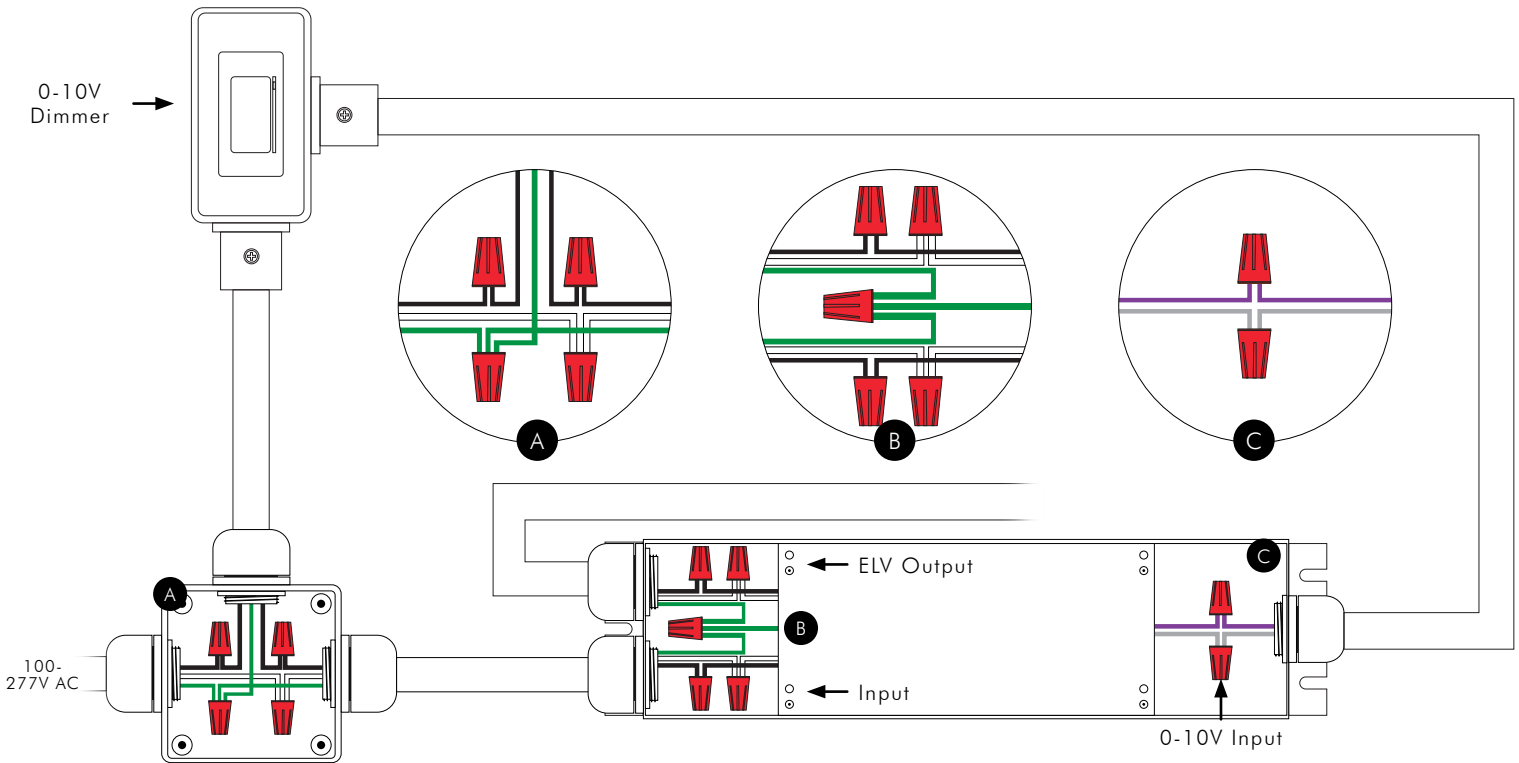




MODA BRIDGE 1

Converting 0-10V to ELV.

MODA BRIDGE 1 solves many installation issues. It accepts a standard 0-10V signal from most dimmers and dimming systems and internally converts this signal into a Electronic Low Voltage (ELV) signal. Thus enabling 0-10V control of an ELV fixture. It is optimized to perform precise smooth flicker free dimming down to 0%. Simple wiring with its integral 1/2" holes which accepts liquid tight or interior conduit connectors. Wire to any 100-277V 50/60 Hz feed. Power up to 840W of fixtures at 120V, 1600W at 230V, and 1900W at 277V. Fully potted enables the installer to mount this product virtually anywhere with its Wet Location IP65 rating. Fully protected from surge, short circuit, open circuit and over temperature. Power Input and data interface protected with High Grade Surge Protection. Designed and developed by MODA LIGHT, Las Vegas USA



Input	UL/cUL		CE/CCC*	
	Symbol	Color	Symbol	Color
Live 100-277V AC		Black		Brown
Neutral		White		Blue
Ground		Green		Green/Yellow
0-10V / Data +		Purple		Purple
0-10V / Data -		Grey		Grey

\*Not illustrated

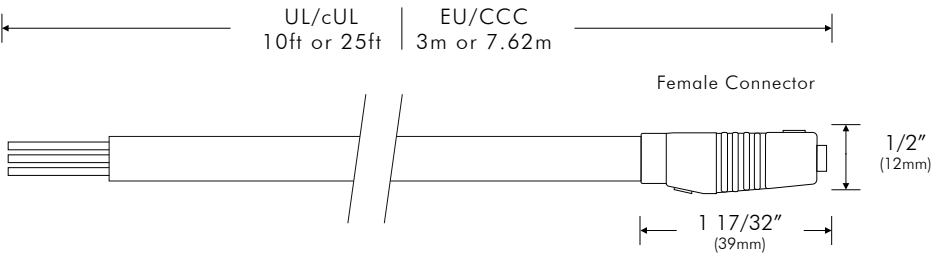
Output	UL/cUL		CE/CCC*	
	Symbol	Color	Symbol	Color
Live 100-277V AC		Black		Brown
Neutral		White		Blue
Ground		Green		Green/Yellow

\*Not illustrated

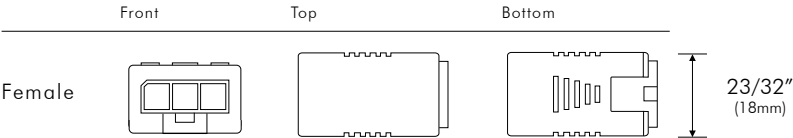
ELV Leader Cables

Moda Cove Interior 3 Pin Leader Cables

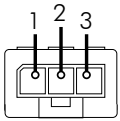
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 7.62m
Color	Gray	Gray



Connectors



Pin Assignment

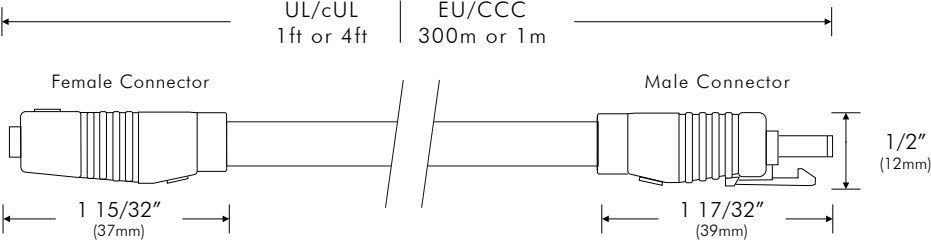


	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Ground	Green	Green/Yellow
3 Neutral	White	Blue

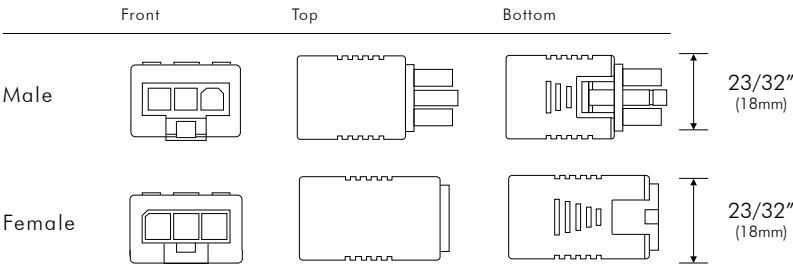
ELV Jumper Cables

Moda Cove Interior 3 Pin Jumper Cables

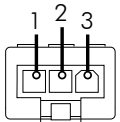
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Gray	Gray



Connectors

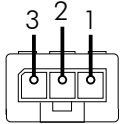


Pin Assignment



Male

	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Ground	Green	Green/Yellow
3 Neutral	White	Blue



Female

	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Ground	Green	Green/Yellow
3 Neutral	White	Blue

FIXTURE		SKU
ELV LO 1 FT	Moda Cove Interior Low Output Silver ELV Dimming 2200K HCRI 1FT	MCI-LO-S1-S-22H-1
	Moda Cove Interior Low Output Silver ELV Dimming 2700K HCRI 1FT	MCI-LO-S1-S-27H-1
	Moda Cove Interior Low Output Silver ELV Dimming 3000K HCRI 1FT	MCI-LO-S1-S-3H-1
	Moda Cove Interior Low Output Silver ELV Dimming 3500K HCRI 1FT	MCI-LO-S1-S-35H-1
	Moda Cove Interior Low Output Silver ELV Dimming 4000K HCRI 1FT	MCI-LO-S1-S-4H-1
ELV SO 1 FT	Moda Cove Interior Standard Output Silver ELV Dimming 2200K HCRI 1FT	MCI-SO-S1-S-22H-1
	Moda Cove Interior Standard Output Silver ELV Dimming 2700K HCRI 1FT	MCI-SO-S1-S-27H-1
	Moda Cove Interior Standard Output Silver ELV Dimming 3000K HCRI 1FT	MCI-SO-S1-S-3H-1
	Moda Cove Interior Standard Output Silver ELV Dimming 3500K HCRI 1FT	MCI-SO-S1-S-35H-1
	Moda Cove Interior Standard Output Silver ELV Dimming 4000K HCRI 1FT	MCI-SO-S1-S-4H-1
ELV SO+ 1 FT	Moda Cove Interior Standard Output Plus Silver ELV Dimming 2700K HCRI 1FT	MCI-SOP-S1-S-27H-1
	Moda Cove Interior Standard Output Plus Silver ELV Dimming 3000K HCRI 1FT	MCI-SOP-S1-S-3H-1
	Moda Cove Interior Standard Output Plus Silver ELV Dimming 3500K HCRI 1FT	MCI-SOP-S1-S-35H-1
	Moda Cove Interior Standard Output Plus Silver ELV Dimming 4000K HCRI 1FT	MCI-SOP-S1-S-4H-1
ELV HO 1 FT	Moda Cove Interior High Output Silver ELV Dimming 2700K HCRI 1FT	MCI-HO-S1-S-27H-1
	Moda Cove Interior High Output Silver ELV Dimming 3000K HCRI 1FT	MCI-HO-S1-S-3H-1
	Moda Cove Interior High Output Silver ELV Dimming 3500K HCRI 1FT	MCI-HO-S1-S-35H-1
	Moda Cove Interior High Output Silver ELV Dimming 4000K HCRI 1FT	MCI-HO-S1-S-4H-1
ELV HO+ 1 FT	Moda Cove Interior High Output Plus Silver ELV Dimming 2200K HCRI 1FT	MCI-HOP-S1-S-22H-1
	Moda Cove Interior High Output Plus Silver ELV Dimming 2700K HCRI 1FT	MCI-HOP-S1-S-27H-1
	Moda Cove Interior High Output Plus Silver ELV Dimming 3000K HCRI 1FT	MCI-HOP-S1-S-3H-1
	Moda Cove Interior High Output Plus Silver ELV Dimming 3500K HCRI 1FT	MCI-HOP-S1-S-35H-1
	Moda Cove Interior High Output Plus Silver ELV Dimming 4000K HCRI 1FT	MCI-HOP-S1-S-4H-1
ELV LO 4 FT	Moda Cove Interior Low Output Silver ELV Dimming 2200K HCRI 4FT	MCI-LO-S1-S-22H-4
	Moda Cove Interior Low Output Silver ELV Dimming 2700K HCRI 4FT	MCI-LO-S1-S-27H-4
	Moda Cove Interior Low Output Silver ELV Dimming 3000K HCRI 4FT	MCI-LO-S1-S-3H-4
	Moda Cove Interior Low Output Silver ELV Dimming 3500K HCRI 4FT	MCI-LO-S1-S-35H-4
	Moda Cove Interior Low Output Silver ELV Dimming 4000K HCRI 4FT	MCI-LO-S1-S-4H-4
ELV SO 4 FT	Moda Cove Interior Standard Output Silver ELV Dimming 2200K HCRI 4FT	MCI-SO-S1-S-22H-4
	Moda Cove Interior Standard Output Silver ELV Dimming 2700K HCRI 4FT	MCI-SO-S1-S-27H-4
	Moda Cove Interior Standard Output Silver ELV Dimming 3000K HCRI 4FT	MCI-SO-S1-S-3H-4
	Moda Cove Interior Standard Output Silver ELV Dimming 3500K HCRI 4FT	MCI-SO-S1-S-35H-4
	Moda Cove Interior Standard Output Silver ELV Dimming 4000K HCRI 4FT	MCI-SO-S1-S-4H-4
ELV SO+ 4 FT	Moda Cove Interior Standard Output Plus Silver ELV Dimming 2700K HCRI 4FT	MCI-SOP-S1-S-27H-4
	Moda Cove Interior Standard Output Plus Silver ELV Dimming 3000K HCRI 4FT	MCI-SOP-S1-S-3H-4
	Moda Cove Interior Standard Output Plus Silver ELV Dimming 3500K HCRI 4FT	MCI-SOP-S1-S-35H-4
	Moda Cove Interior Standard Output Plus Silver ELV Dimming 4000K HCRI 4FT	MCI-SOP-S1-S-4H-4

FIXTURE		SKU
ELV HO 4FT	Moda Cove Interior High Output Silver ELV Dimming 2700K HCRI 4FT	MCI-HO-S1-S-27H-4
	Moda Cove Interior High Output Silver ELV Dimming 3000K HCRI 4FT	MCI-HO-S1-S-3H-4
	Moda Cove Interior High Output Silver ELV Dimming 3500K HCRI 4FT	MCI-HO-S1-S-35H-4
	Moda Cove Interior High Output Silver ELV Dimming 4000K HCRI 4FT	MCI-HO-S1-S-4H-4
ELV HO+ 4FT	Moda Cove Interior High Output Plus Silver ELV Dimming 2200K HCRI 4FT	MCI-HOP-S1-S-22H-4
	Moda Cove Interior High Output Plus Silver ELV Dimming 2700K HCRI 4FT	MCI-HOP-S1-S-27H-4
	Moda Cove Interior High Output Plus Silver ELV Dimming 3000K HCRI 4FT	MCI-HOP-S1-S-3H-4
	Moda Cove Interior High Output Plus Silver ELV Dimming 3500K HCRI 4FT	MCI-HOP-S1-S-35H-4
	Moda Cove Interior High Output Plus Silver ELV Dimming 4000K HCRI 4FT	MCI-HOP-S1-S-4H-4

ACCESSORIES	DESCRIPTION	SKU
Leader Cable US 3 Pin 10ft	Power to first fixture of run	MLCI-US-3PIN-G-10FT
Leader Cable US 3 Pin 25ft	Power to first fixture of run	MLCI-US-3PIN-G-25FT
Jumper Cable US 3 Pin 1ft	Connection between fixtures	MJCI-US-3PIN-G-1FT
Jumper Cable US 3 Pin 4ft	Connection between fixtures	MJCI-US-3PIN-G-4FT
Leader Cable EU 3 Pin 3m	Power to first fixture of run	MLCI-EU-3PIN-G-3M
Leader Cable EU 3 Pin 7.62m	Power to first fixture of run	MLCI-EU-3PIN-G-7.62M
Jumper Cable EU 3 Pin 300mm	Connection between fixtures	MJCI-EU-3PIN-G-300MM
Jumper Cable EU 3 Pin 1m	Connection between fixtures	MJCI-EU-3PIN-G-1M
Terminator 3 Pin	Must be fixed to last fixture for safety	MTI-3PIN-G
Interior Bracket Lock	Locks bracket in place	MCGI-BL-G

CONTROLS	DESCRIPTION	SKU
Bridge 1 US	Allows user to convert a 0-10V dimming signal into an ELV dimming signal. North American Model	250-0000