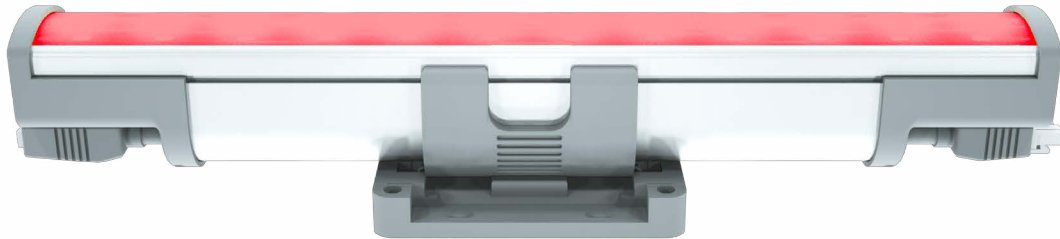


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

SKU: _____ Type: _____ PO#: _____ Quantity: _____

Notes: _____



Specification Grade Premium Interior Cove Fixture.

MODA COVE Interior is a 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. Electronic Low Voltage dimming has no minimum run lengths. 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.

Designed and developed in Las Vegas, USA by MODA.

PAGE

3	FEATURES
4	1 FOOT
5	4 FOOT
6	CHROMATICITY
7	ELV WIRING
8	0-10V TO ELV
9	ACCESSORIES: CABLES
10	FIXTURES & ACCESSORIES

PHYSICAL

Dimensions	L: 12 3/8in (316mm)	W: 2 3/8in (60mm)
	L: 47 5/16in (1202mm)	H: 2 7/16in (61mm)
Weight	12in: 1.0lbs (0.45kg)	
	48in: 3.1lbs (1.4kg)	
Applications	Cove, Accent, & Indirect General Illumination	
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Polycarbonate Optical Lens	
Ingress Protection	Dry/Damp Location IP44	
Thermal Management	Moda Aluminum Heat Sink	
Fixture Connections	Integral Male & Female Connectors	
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)	
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)	
Humidity	0-95% Non Condensing	

SPECIFICATIONS

	Lumens		Efficacy	
	1FT	4FT	1FT	4FT
HO	492 - 948	1968 - 3792	49 - 94	49 - 94
HO+	240 - 1104	958 - 4420	24 - 110	24 - 110

POWER CONSUMPTION

	120V - 277V AC	
	1FT	4FT
HO	10W	40W
HO+	10W	40W

ELECTRICAL

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

MAX CONTINUOUS RUN

	120V AC	240V AC	277V AC
HO	60ft	60ft	120ft
HO+	60ft	60ft	120ft

OUTPUT

Colors	Red, Green, Blue, Amber, available
Beam Angle	120°
CRI	94-98
SDCM	2-Step MacAdam Ellipse
Color Bin Tolerance	Single Bin
Lumen Maintenance	90,000 Hours L70 @ 25°C 70,000 Hours L70 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

COLOR AVAILABILITY

COLOR	HO	HO+
Red	•	•
Green	•	•
Blue	•	•
Amber	•	•

• Available

MODA TECHNOLOGY

moda**SOFTWARE**[™]

moda**HARDWARE**[™]

moda**PHOSPHOR**[™]

moda**DRIVER**[™]

moda**ZERO BIN**[™]

moda**THERMAL MANAGEMENT**[™]

moda**AIRFLOW**[™]

moda**COMMUNICATE**[™]

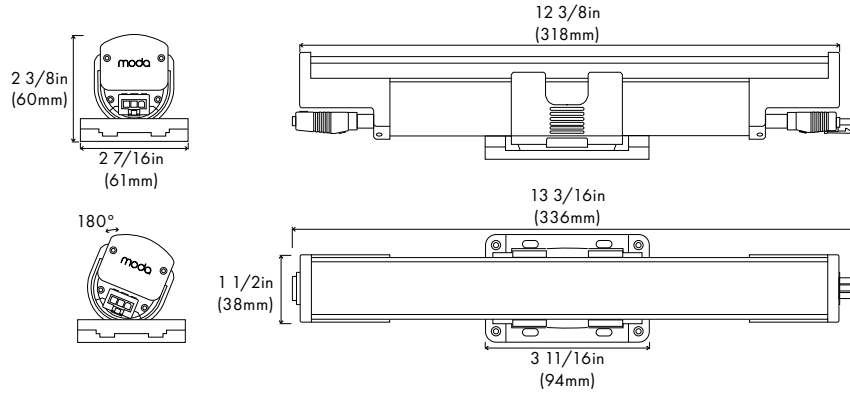
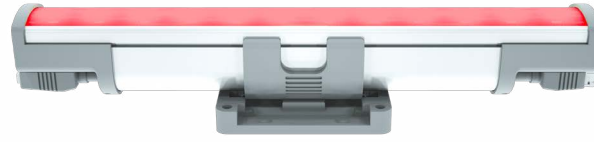
moda**KWIK CONNECT**[™]

STANDARDS & CERTIFICATIONS



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

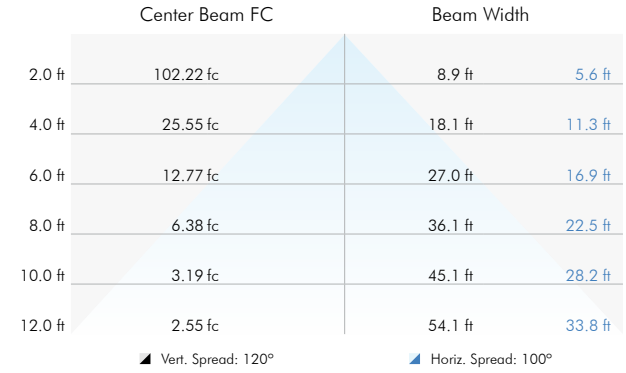
Certification	
Class	1
Warranty	5 Year Limited Warranty



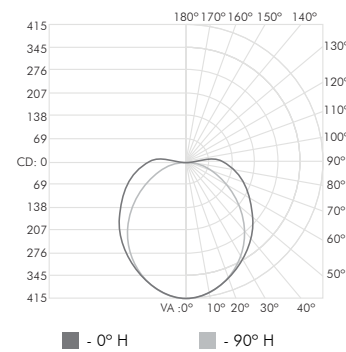
ELV

Output	Color	Lumens	Efficacy
HO	Red	768.00	76.80
	Green	948.00	94.80
	Blue	492.00	49.20
	Amber	888.00	88.80

Illuminance at a Distance (Cyan)



Polar Candela Distribution (Cyan)

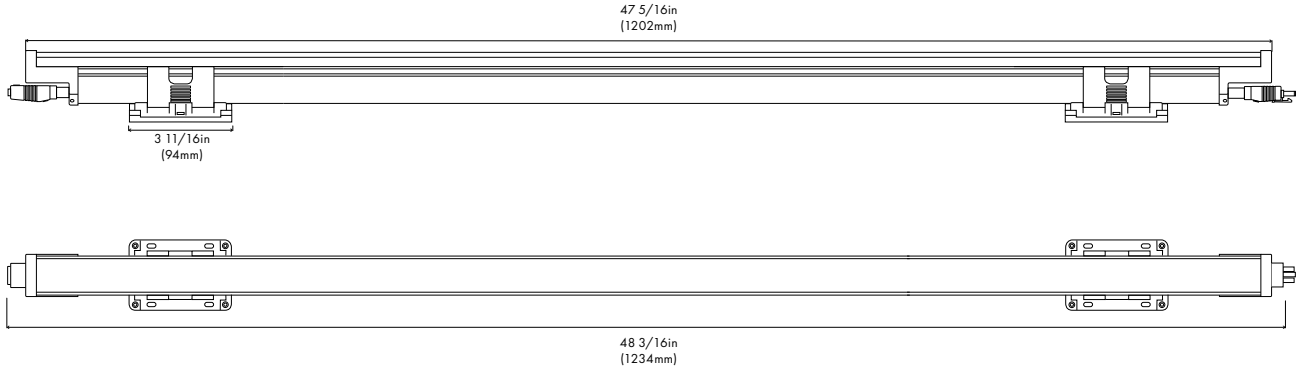
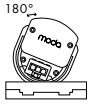
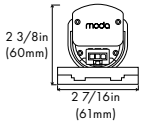
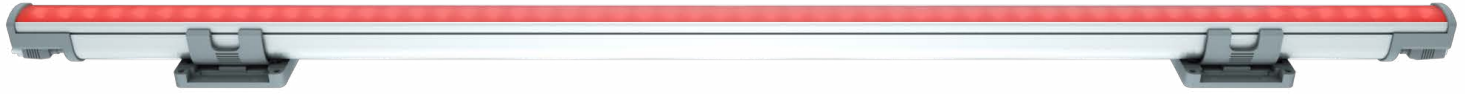


Power Consumption

120-277V AC 10W

Max Run Lengths

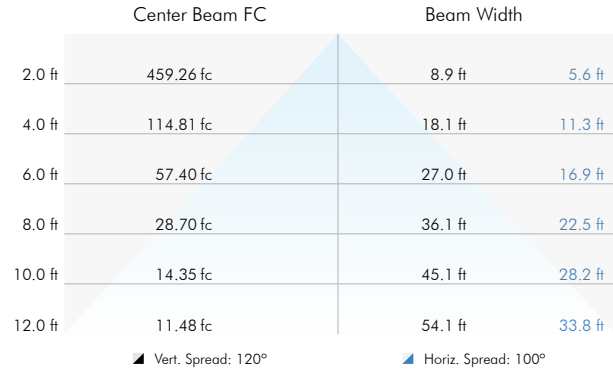
120V AC	60ft
240V AC	120ft
277V AC	120ft



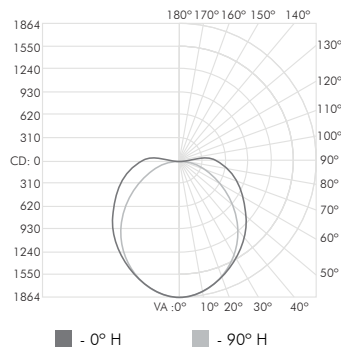
ELV

Output	Color	Lumens	Efficacy
HO	Red	3071.00	76.80
	Green	3792.00	94.80
	Blue	1968.00	49.20
	Amber	3552.00	88.80

Illuminance at a Distance (Cyan)



Polar Candela Distribution (Cyan)



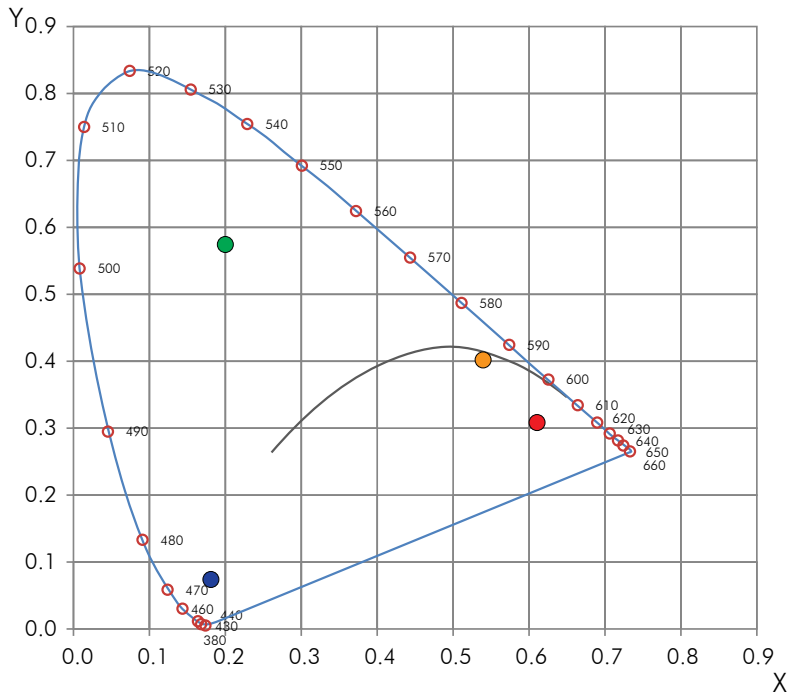
Power Consumption

120-277V AC 40W

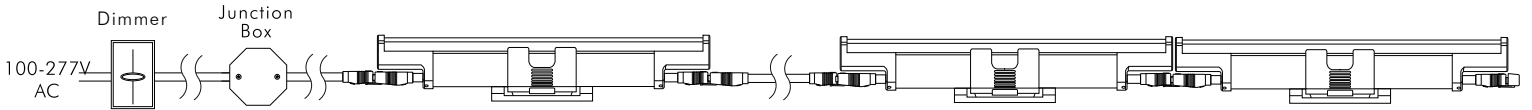
Max Run Lengths

120V AC	60ft
240V AC	120ft
277V AC	120ft

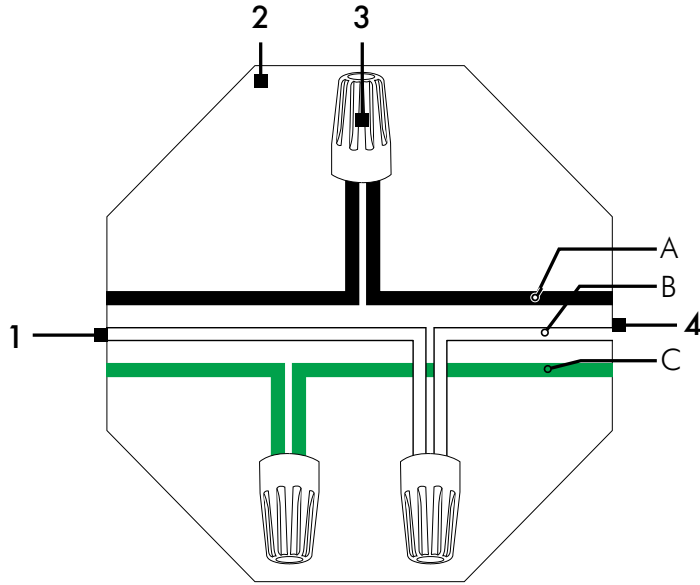
CIE 1931 Chromaticity Diagram



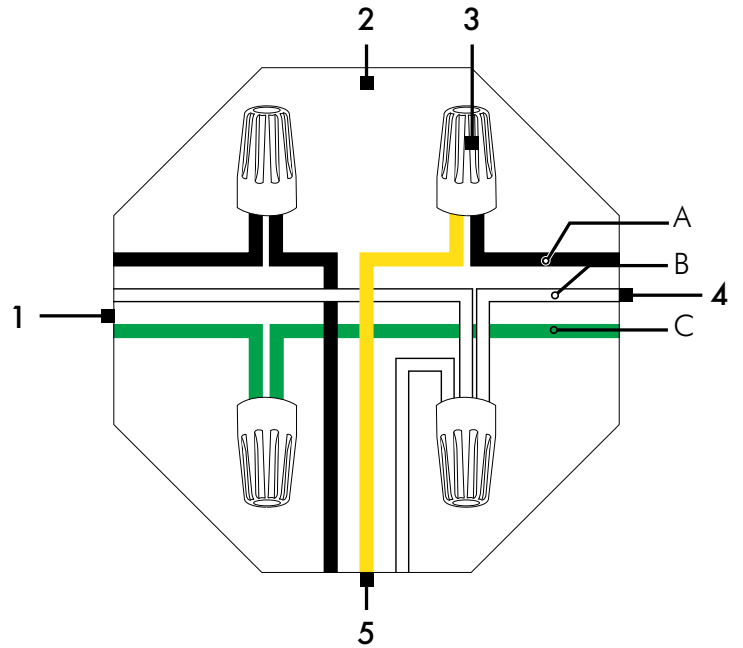
Color	Coordinate	Wavelength
● Red	x: 0.6221 y: 0.3174 u: 0.4482 v: 0.5111	620nm
● Green	x: 0.2075 y: 0.5883 u: 0.0835 v: 0.5445	520nm
● Blue	x: 0.1804 y: 0.0715 u: 0.2158 v: 0.1834	445nm
● Amber	x: 0.5415 y: 0.4189 u: 0.3145 v: 0.5412	611nm



UL / cUL Non-dimming



UL / cUL ELV Dimming



Wiring Legend

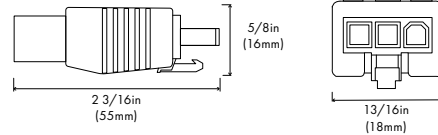
1	Power 100-277V AC
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

3 Pin Leader Cable

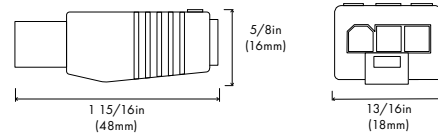
UL/cUL	
A Live 100-277V AC	— Black
B Neutral	— White
C Ground	— Green

ELV Connectors

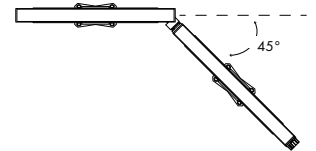
Male

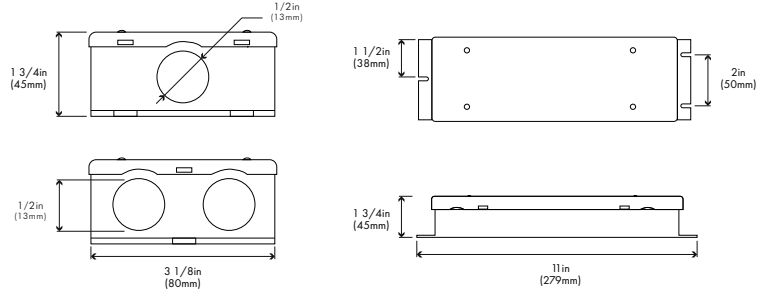


Female



Angle Adjustment

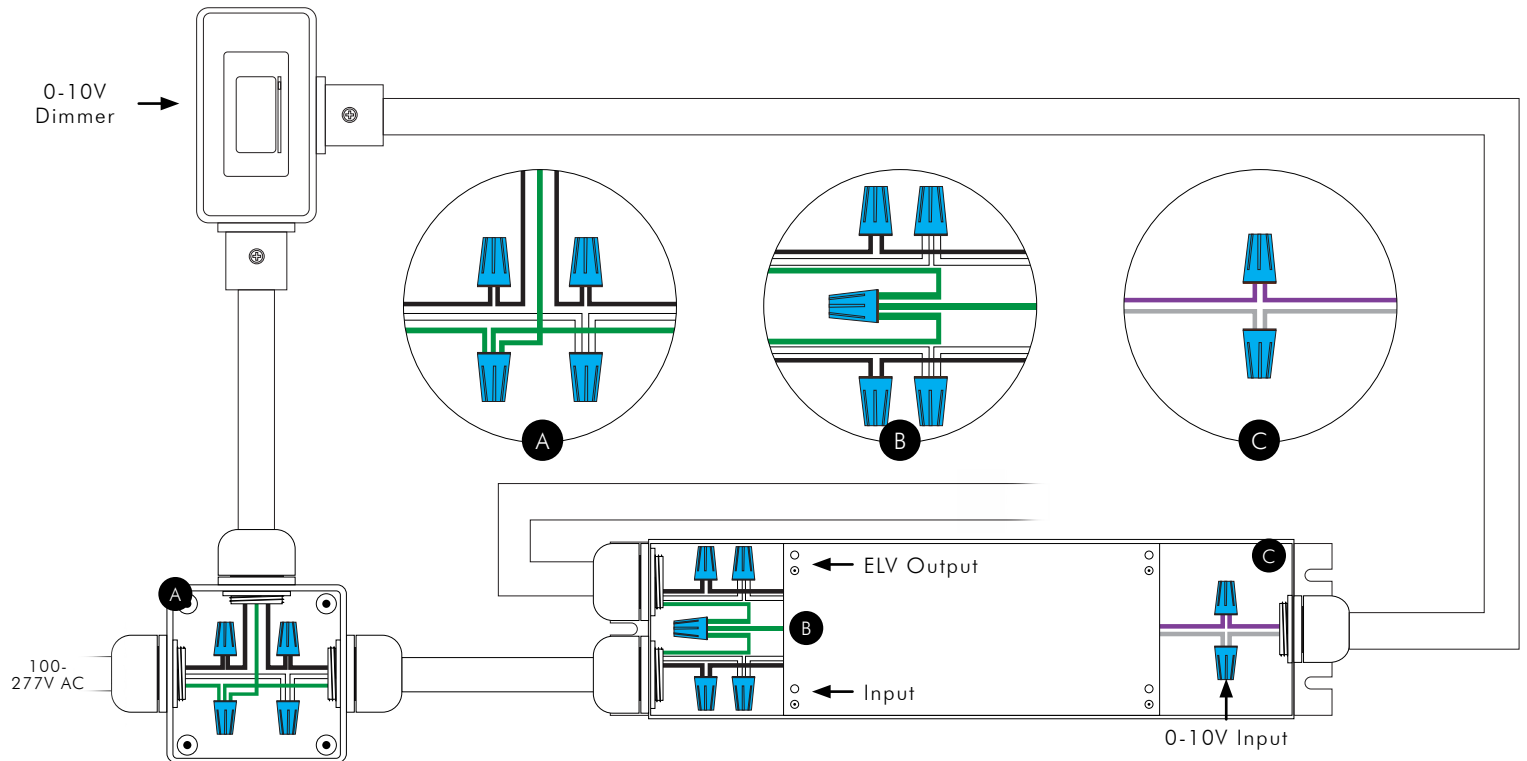




MODA BRIDGE 1

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 1/2in 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	
Live 100-277V AC		Black
Neutral		White
Ground		Green
0-10V / Data +		Purple
0-10V / Data -		Pink

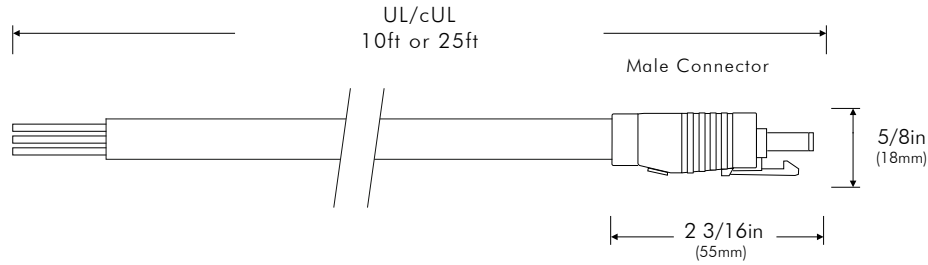
Output

	UL/cUL	
Live 100-277V AC		Black
Neutral		White
Ground		Green

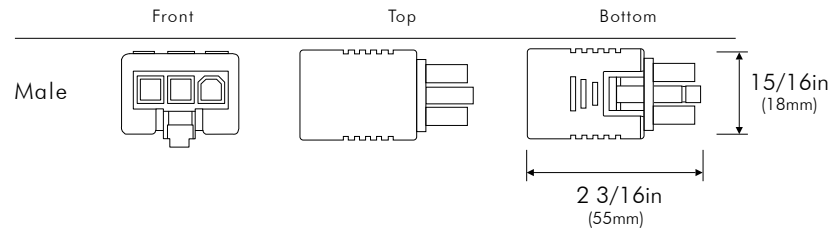
ELV Leader Cables

Moda Cove Interior 3 Pin Leader Cables

	UL/cUL
Lengths	10ft and 25ft
Color	Gray



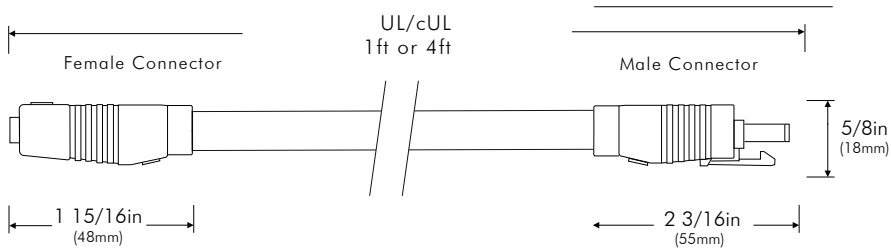
Connectors



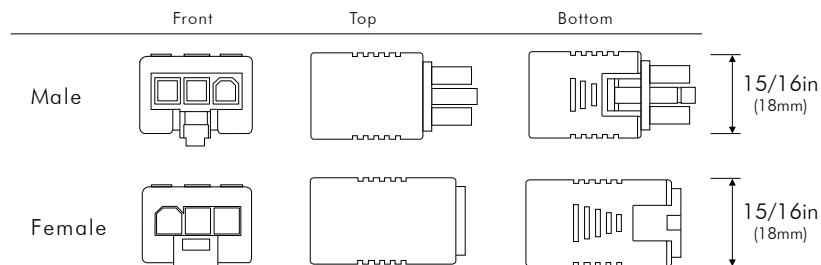
ELV Jumper Cables

Moda Cove Interior 3 Pin Jumper Cables

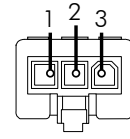
	UL/cUL
Lengths	1ft and 4ft
Color	Gray



Connectors

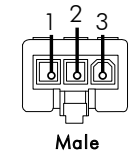


Pin Assignment

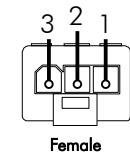


	UL/cUL
1 Live 100-277V	Black
2 Ground	Green
3 Neutral	White

Pin Assignment



	UL/cUL
1 Live 100-277V	Black
2 Ground	Green
3 Neutral	White



	UL/cUL
1 Live 100-277V	Black
2 Ground	Green
3 Neutral	White

	FIXTURE	ORDERING SKU
ELV HO 1FT	Moda Cove Interior High Output Silver ELV Dimming Amber 1FT	MCI-HO-S1-S-A-1
	Moda Cove Interior High Output Silver ELV Dimming Blue 1FT	MCI-HO-S1-S-B-1
	Moda Cove Interior High Output Silver ELV Dimming Green 1FT	MCI-HO-S1-S-G-1
	Moda Cove Interior High Output Silver ELV Dimming Red 1FT	MCI-HO-S1-S-R-1
ELV HO 4FT	Moda Cove Interior High Output Silver ELV Dimming Amber 4FT	MCI-HO-S1-S-A-4
	Moda Cove Interior High Output Silver ELV Dimming Blue 4FT	MCI-HO-S1-S-B-4
	Moda Cove Interior High Output Silver ELV Dimming Green 4FT	MCI-HO-S1-S-G-4
	Moda Cove Interior High Output Silver ELV Dimming Red 4FT	MCI-HO-S1-S-R-4

ACCESSORIES	DESCRIPTION	ORDERING 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
Terminator 3 Pin	Must be fixed to last fixture for safety	MTI-3PIN-G
Interior Bracket Lock	Holds fixture in place for vertical installation	MCGI-BL-G

CONTROLS	DESCRIPTION	PART NUMBER	ORDERING SKU
MODA Bridge 1 2.0 US	Allows user to convert a 0-10V dimming signal into an ELV dimming signal. North American Model	MODA-BRIDGE-1-S2-S	250-0000