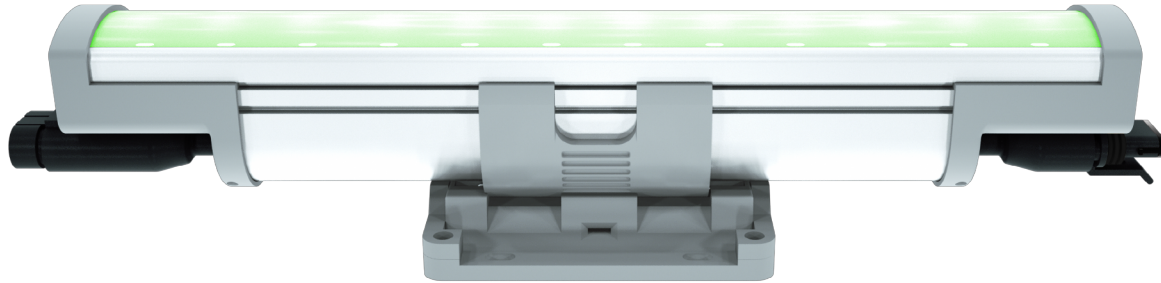


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

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

Notes: _____



Specification Grade Premium Exterior Cove Fixture.

MODA COVE Exterior is a new patent pending cove lighting system designed for exterior 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. Protected from corrosion and harsh weather conditions by MODA GUARD – a tough seal which protects the fixture. Fast installation is achieved with MODA KWIK CONNECT plugs and install-integral thumb latch connectors.

Saturated vivid colors change and enhance any environment. Choose from Red, Green, Blue, Cyan, Amber, Yellow, Golden Yellow, Ice Blue, Light Green, Pink, Violet or Turquoise. 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	CHROMATICITY
7	ELV WIRING
8	0-10V TO ELV
9	ACCESSORIES: CABLES
10	FIXTURES
11	ACCESSORIES

PHYSICAL

Dimensions	L: 1ft 1 25/32in (306mm) W: 2 13/16in(71.81mm) L: 4ft 1/2in(1.23m) H: 2 7/8in(73.42mm)
Applications	Cove, Accent & Indirect General Illumination
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens
Ingress Protection	Wet Location IP66
Thermal Management	MODA Aluminum Heat Sink
Beam Angle	120°
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

OUTPUT

CCT & SDCM	N/A
Colors	Red, Green, Blue, Amber, Yellow, Pink, Cyan, Violet, Turquoise, Ice Blue, Light Green, Golden Yellow, Dark Blue, and Dark Orange available
Color Bin Tolerance	Single Bin
CRI	N/A
Lumen Maintenance	90,000 Hours L70 @ 25°C 70,000 Hours L70 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

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

COLORS

	HO	HO+
Red	•	•
Green	•	•
Blue	•	•
Amber	•	•
Cyan		•
Ice Blue		•
Light Green		•
Yellow		•
Golden Yellow		•
Turquoise		•
Pink		•
Violet		•

• Available

MODA TECHNOLOGY

moda**SOFTWARE™**

moda**HARDWARE™**

moda**PHOSPHOR™**

moda**DRIVER™**

moda**ZERO BIN™**

moda**THERMAL MANAGEMENT™**

moda**GUARD™**

moda**SEAL™**

moda**AIRFLOW™**

moda**COMMUNICATE™**

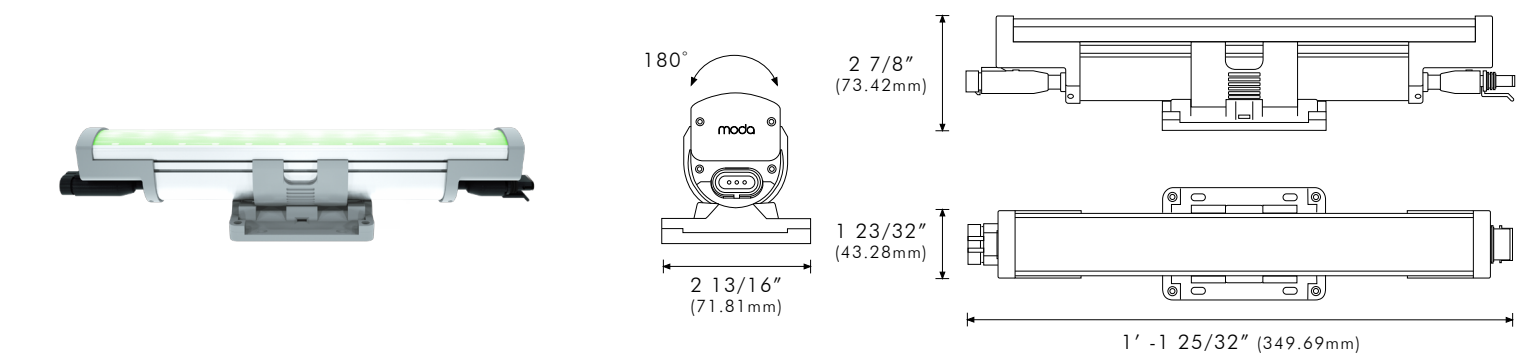
moda**KWIK CONNECT™**



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

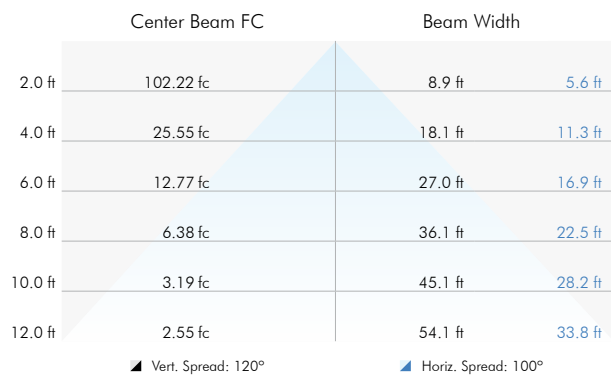
Warranty 5 Year Limited Warranty



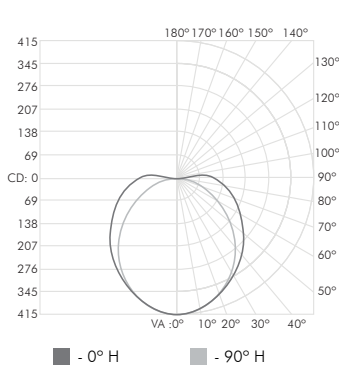
ELV

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
HO+	Red	288.00	28.80
	Green	366.00	33.60
	Blue	240.00	24.00
	Amber	384.00	38.40
	Cyan	1104.00	110.40
	Yellow	360.00	36.00
	Golden Yellow	792.00	79.20
	Ice Blue	648.00	64.80
	Light Green	912.00	91.20
	Pink	362.00	36.20
	Violet	312.00	31.20
	Turquoise	292.00	29.20

Illuminance at a Distance (Cyan)



Polar Candela Distribution (Cyan)

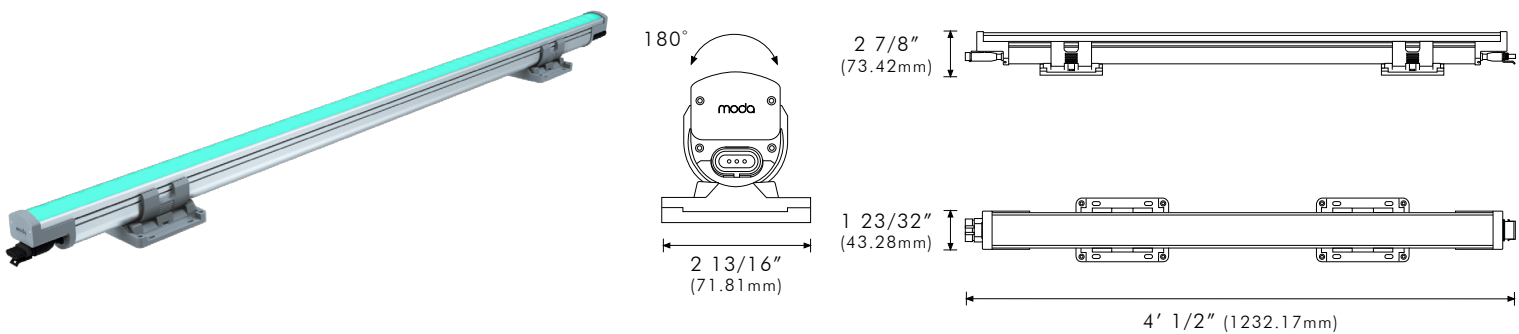


Power Consumption

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
HO+	Red	1150.00	28.75
	Green	1339.00	33.47
	Blue	958.00	23.95
	Amber	2880.00	72.00
	Cyan	4420.00	110.50
	Yellow	1435.00	35.87
	Golden Yellow	3164.00	79.10
	Ice Blue	2587.00	64.67
	Light Green	3644.00	91.10
	Pink	1447.00	36.17
	Violet	1242.00	31.20
	Turquoise	1168.00	29.20

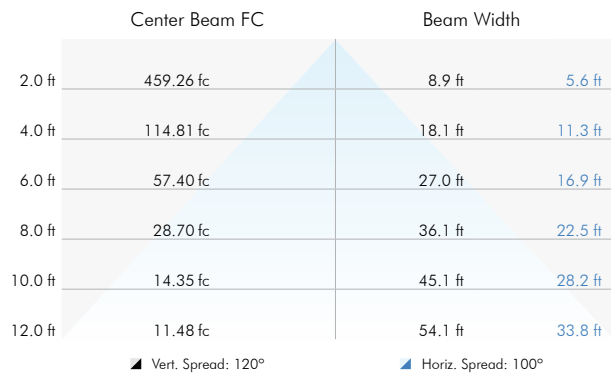
Power Consumption

120-277V AC 40W

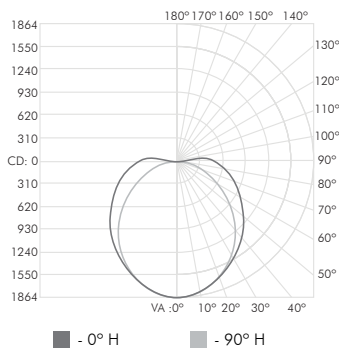
Max Run Lengths

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

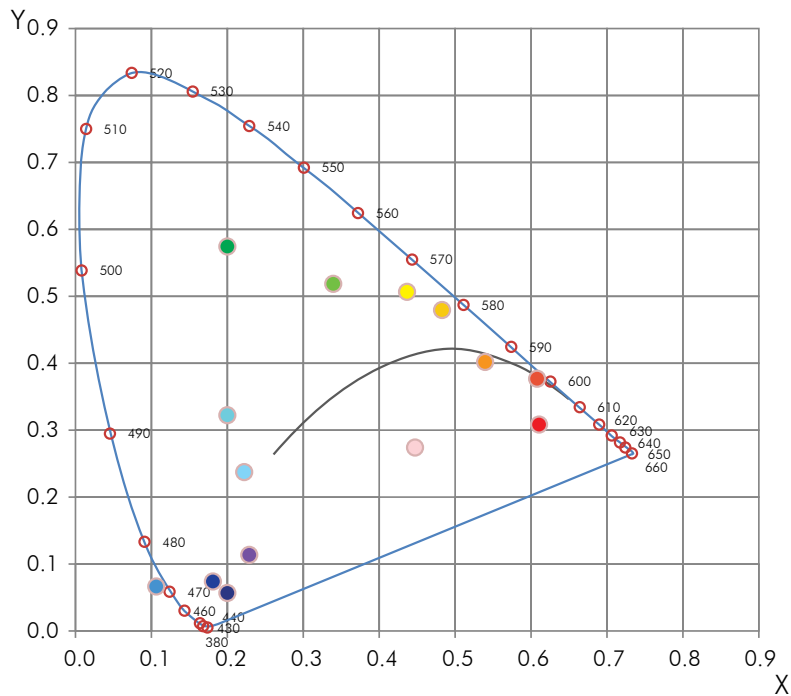
Illuminance at a Distance (Cyan)




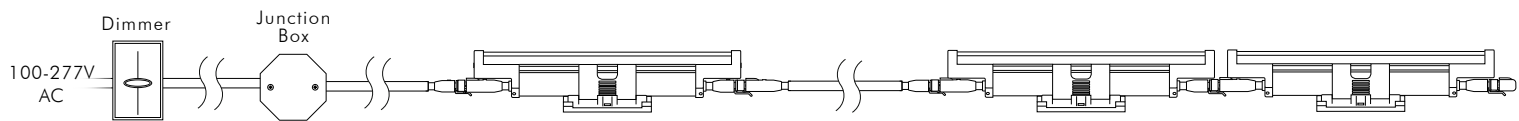
Polar Candela Distribution (Cyan)



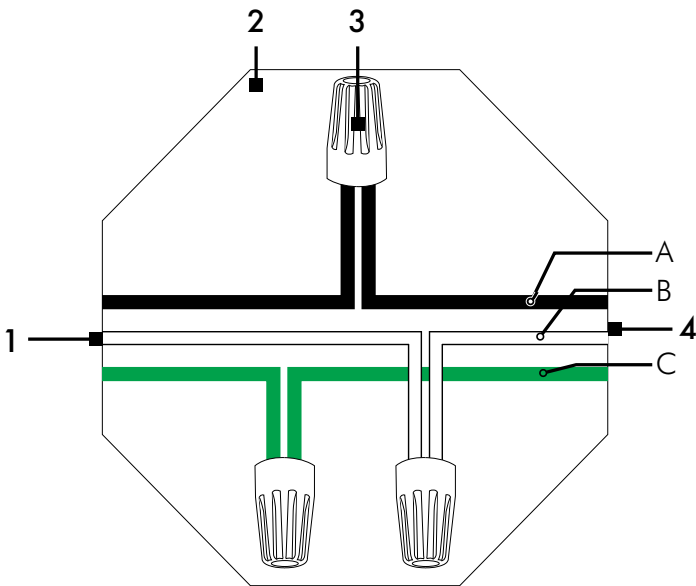
CIE 1931 Chromaticity Diagram



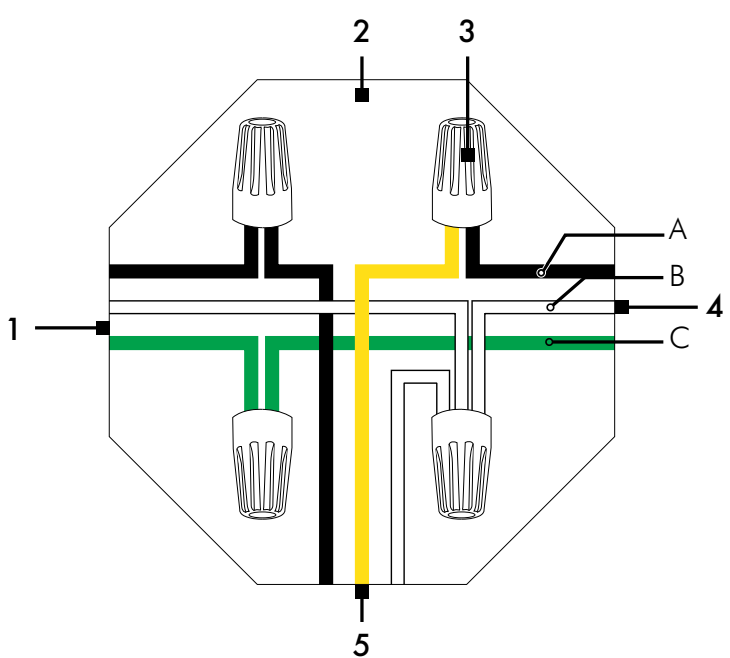
Color	Coordinate	Wavelength
 Red	x: 0.6221 y: 0.3174 u: 0.4482 v: 0.5111	620nm
 Green	x: 0.2075 y: 0.5883 u: 0.0835 v: 0.5445	520nm
 Blue	x: 0.1804 y: 0.0715 u: 0.2158 v: 0.1834	445nm
 Amber	x: 0.5415 y: 0.4189 u: 0.3145 v: 0.5412	611nm
 Yellow	x: 0.4441 y: 0.5161 u: 0.2140 v: 0.5593	557nm
 Golden Yellow	x: 0.4814 y: 0.4892 u: 0.2438 v: 0.5568	583nm
 Ice Blue	x: 0.2317 y: 0.2495 u: 0.1676 v: 0.4059	446nm
 Cyan	x: 0.1158 y: 0.0735 u: 0.3234 v: 0.5522	473nm
 Light Green	x: 0.3458 y: 0.5241 u: 0.1611 v: 0.5487	534nm
 Pink	x: 0.4547 y: 0.2832 u: 0.3342 v: 0.4649	621nm
 Violet	x: 0.2337 y: 0.1275 u: 0.2301 v: 0.2823	448nm
 Turquoise	x: 0.2047 y: 0.3361 u: 0.1852 v: 0.5652	485nm



UL / cUL Non-dimming



UL / cUL ELV Dimming



Wiring Legend

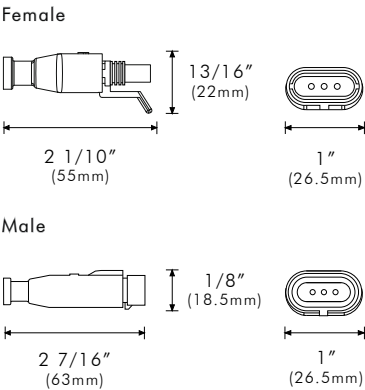
1	Power 100-277V AC
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

3 Pin Leader Cable

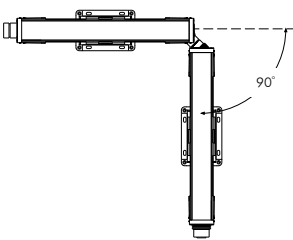
	UL/cUL	CE/CCC*
A Live 100-277V AC	Black	Brown
B Neutral	White	Blue
C Ground	Green	Green/ Yellow

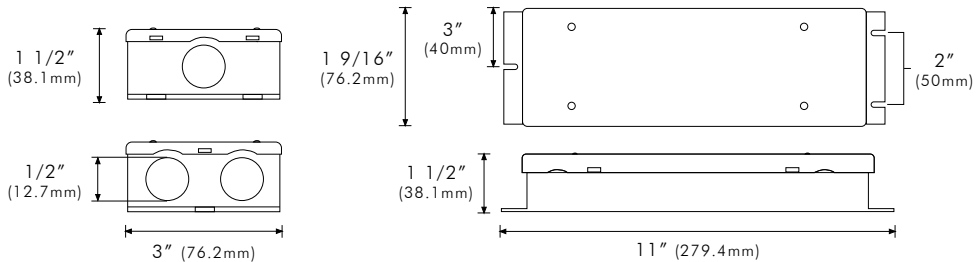
*Not illustrated

ELV Connectors



Angle Adjustment

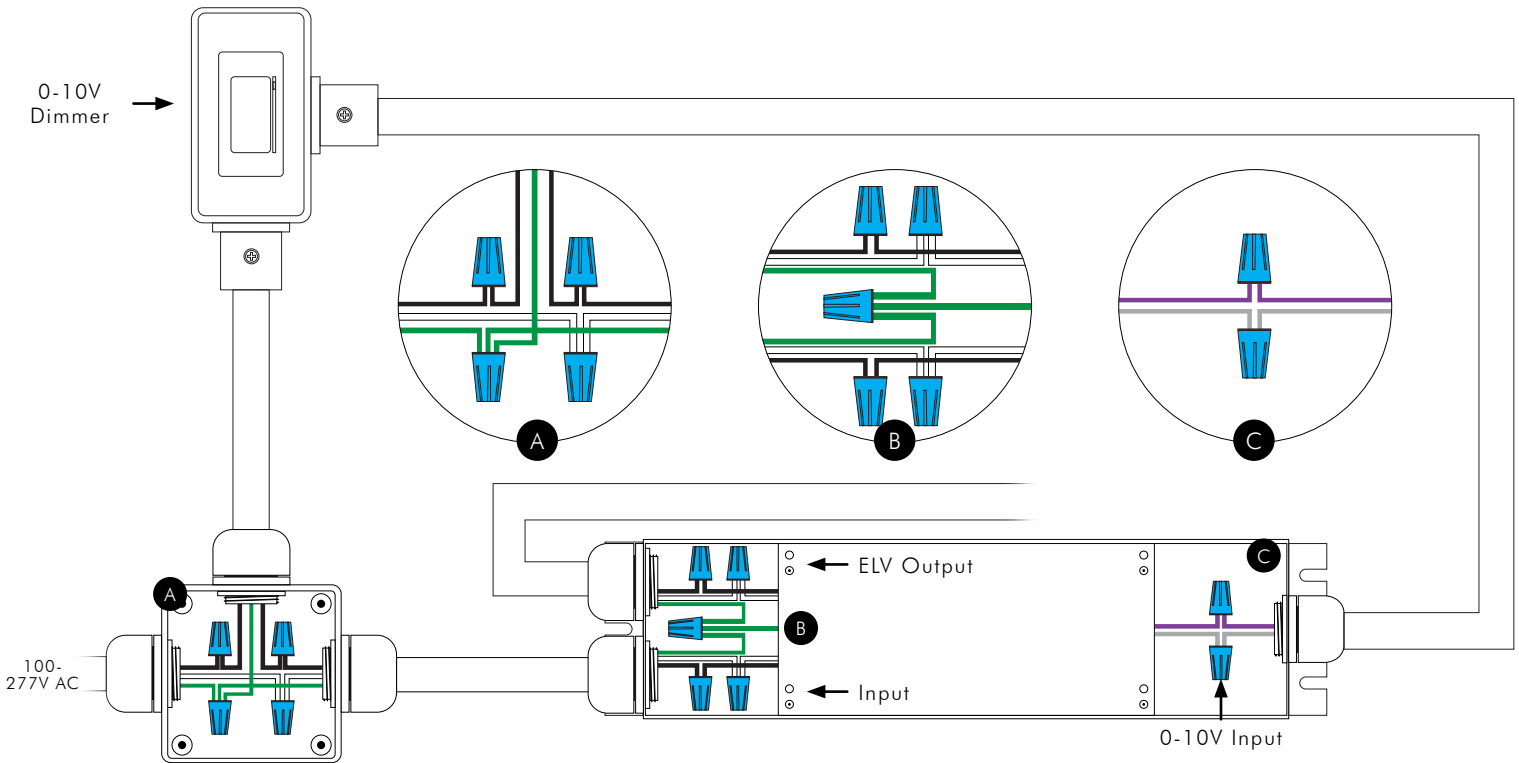




MODA BRIDGE 1

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*	
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

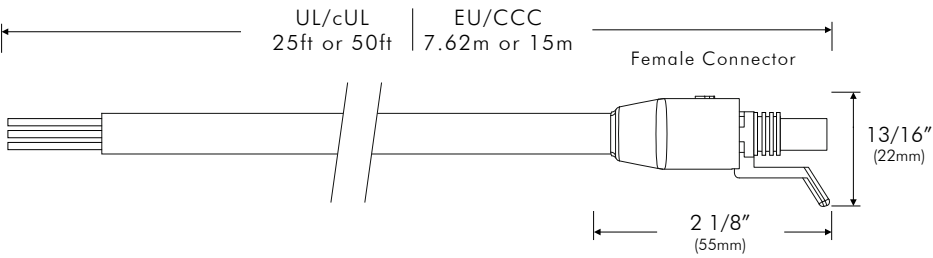
Output	UL/cUL		CE/CCC*	
Live 100-277V AC		Black		Brown
Neutral		White		Blue
Ground		Green		Green/Yellow

*Not illustrated

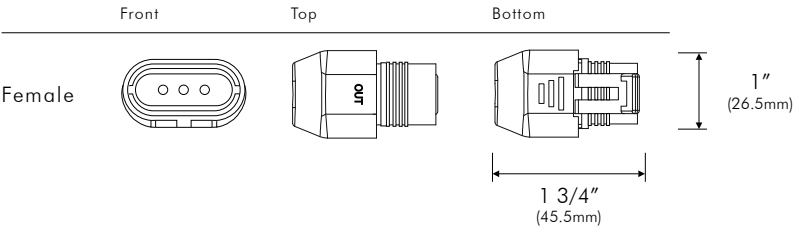
ELV Leader Cables

Moda Cove Exterior 3 Pin Leader Cables

	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



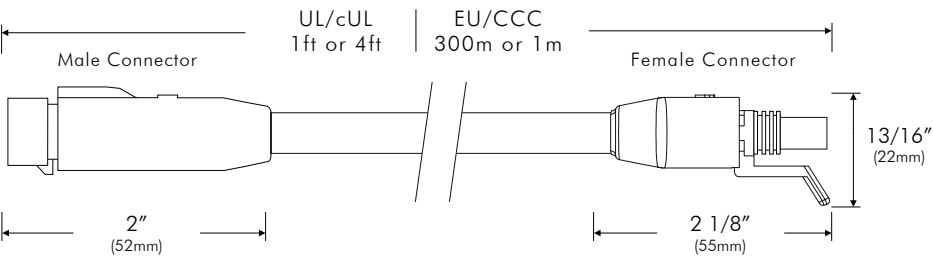
Connectors



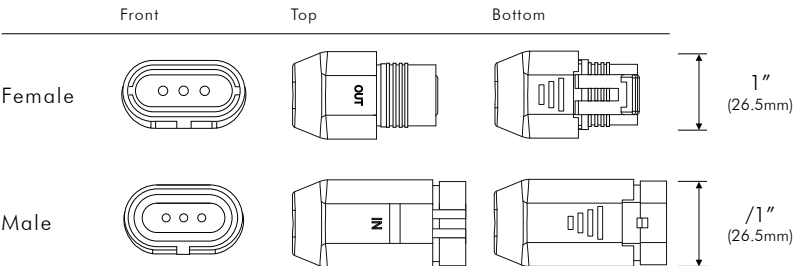
ELV Jumper Cables

Moda Cove Exterior 3 Pin Jumper Cables

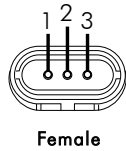
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



Connectors

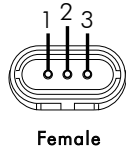


Pin Assignment

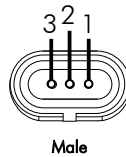


	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Ground	Green	Yellow/Green
3 Neutral	White	Blue

Pin Assignment



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



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

FIXTURE		SKU
ELV HO 1FT	Moda Cove Exterior High Output Silver ELV Dimming Amber 1FT	MCE-HO-S1-S-A-1
	Moda Cove Exterior High Output Silver ELV Dimming Blue 1FT	MCE-HO-S1-S-B-1
	Moda Cove Exterior High Output Silver ELV Dimming Green 1FT	MCE-HO-S1-S-G-1
	Moda Cove Exterior High Output Silver ELV Dimming Red 1FT	MCE-HO-S1-S-R-1
ELV HO 4FT	Moda Cove Exterior High Output Silver ELV Dimming Amber 4FT	MCE-HO-S1-S-A-4
	Moda Cove Exterior High Output Silver ELV Dimming Blue 4FT	MCE-HO-S1-S-B-4
	Moda Cove Exterior High Output Silver ELV Dimming Green 4FT	MCE-HO-S1-S-G-4
	Moda Cove Exterior High Output Silver ELV Dimming Red 4FT	MCE-HO-S1-S-R-4
ELV HOP 1FT	Moda Cove Exterior High Output Plus Silver ELV Dimming Amber 1FT	MCE-HOP-S1-S-A-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Blue 1FT	MCE-HOP-S1-S-B-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Cyan 1FT	MCE-HOP-S1-S-C-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Golden Yellow 1FT	MCE-HOP-S1-S-GY-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Green 1FT	MCE-HOP-S1-S-G-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Ice Blue 1FT	MCE-HOP-S1-S-IB-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Light Green 1FT	MCE-HOP-S1-S-LG-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Pink 1FT	MCE-HOP-S1-S-P-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Red 1FT	MCE-HOP-S1-S-R-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Turquoise 1FT	MCE-HOP-S1-S-TQ-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Violet 1FT	MCE-HOP-S1-S-V-1
	Moda Cove Exterior High Output Plus Silver ELV Dimming Yellow 1FT	MCE-HOP-S1-S-Y-1
ELV HOP 4FT	Moda Cove Exterior High Output Plus Silver ELV Dimming Amber 4FT	MCE-HOP-S1-S-A-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Blue 4FT	MCE-HOP-S1-S-B-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Cyan 4FT	MCE-HOP-S1-S-C-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Golden Yellow 4FT	MCE-HOP-S1-S-GY-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Green 4FT	MCE-HOP-S1-S-G-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Ice Blue 4FT	MCE-HOP-S1-S-IB-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Light Green 4FT	MCE-HOP-S1-S-LG-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Pink 4FT	MCE-HOP-S1-S-P-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Red 4FT	MCE-HOP-S1-S-R-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Turquoise 4FT	MCE-HOP-S1-S-TQ-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Violet 4FT	MCE-HOP-S1-S-V-4
	Moda Cove Exterior High Output Plus Silver ELV Dimming Yellow 4FT	MCE-HOP-S1-S-Y-4

ACCESSORIES	DESCRIPTION	SKU
Leader Cable US 3 Pin 25ft	Power to first fixture of run	MLCE-US-3PIN-B-25FT
Leader Cable US 3 Pin 50ft	Power to first fixture of run	MLCE-US-3PIN-B-50FT
Jumper Cable US 3 Pin 1ft	Connection between fixtures	MJCE-US-3PIN-B-1FT
Jumper Cable US 3 Pin 4ft	Connection between fixtures	MJCE-US-3PIN-B-4FT
Leader Cable EU 3 Pin 7.62m	Power to first fixture of run	MLCE-EU-3PIN-B-7.62M
Leader Cable EU 3 Pin 15m	Power to first fixture of run	MLCE-EU-3PIN-B-15M
Jumper Cable EU 3 Pin 300mm	Connection between fixtures	MJCE-EU-3PIN-B-300MM
Jumper Cable EU 3 Pin 1m	Connection between fixtures	MJCE-EU-3PIN-B-1M
Terminator 3 Pin	Must be fixed to last fixture for safety	MTE-3PIN-B
Exterior Bracket Lock	Holds fixture in place for vertical installations	MCEG-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