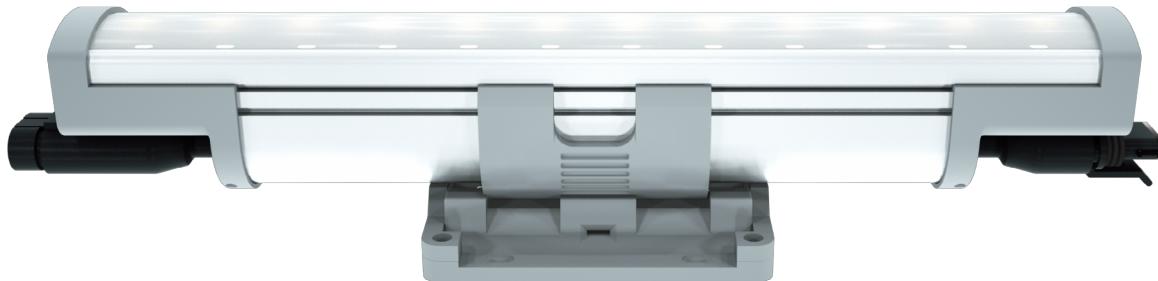


Client: _____ Project Name: _____

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. Choose between Electronic Low Voltage and 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. 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. 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

Dimensions	L: 1ft (306mm) L: 4ft (1.21m)	W: 2 1/2in(72mm) H: 2 5/16in(60mm)
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	2200K, 2700K, 3000K, 3500K, 4000K 2 Step MacAdam Ellipse
Color Bin Tolerance	Single Bin
CRI	94 - 98
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

CCT

	LO	SO	SO+	HO	HO+
1 Foot	22K	•	•		•
	27K	•	•	•	•
	3K	•	•	•	•
	35K	•	•	•	•
	4K	•	•	•	•
4 Foot	22K	•	•		•
	27K	•	•	•	•
	3K	•	•	•	•
	35K	•	•	•	•
	4K	•	•	•	•

• Available

MODA TECHNOLOGY

modaSOFTWARE™

modaHARDWARE™

modaDYNAMIC WARM™

modaPHOSPHOR™

modaHIGH CRI™

modaDRIVER™

modaZERO BIN™

modaTHERMAL MANAGEMENT™

modaGUARD™

modaSEAL™

modaAIRFLOW™

modaCOMMUNICATE™

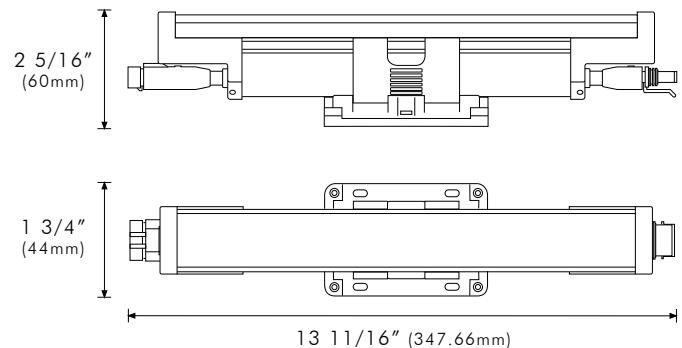
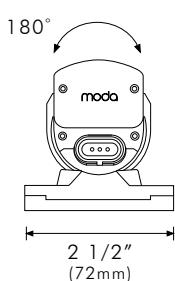
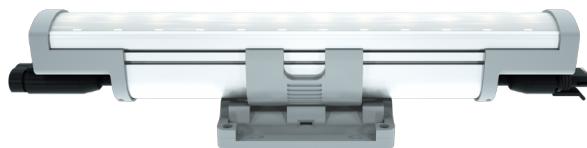
modaKWIK CONNECT™



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

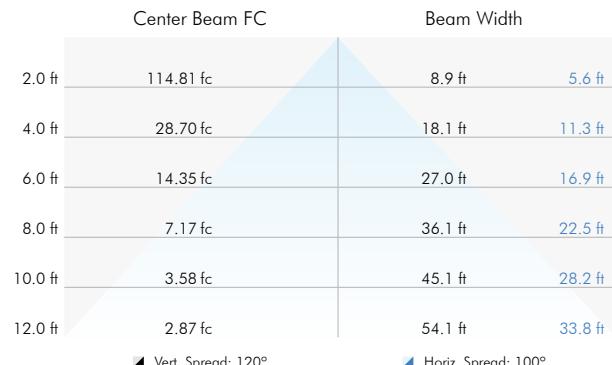


ELV

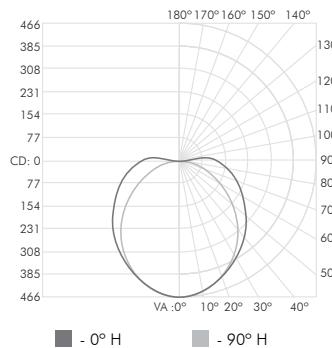
	CCT	Lumens	CRI	Efficacy
LO	2200K	250.50	94	62.63
	2700K	310.00	95	77.50
	3000K	332.00	95	83.00
	3500K	344.00	96	86.00
	4000K	352.00	97	100.43
SO	2200K	339.80	94	67.90
	2700K	450.67	95	90.13
	3000K	490.25	95	98.05
	3500K	491.33	96	98.26
	4000K	493.84	97	98.76
SO+	2200K*	-	-	-
	2700K	790.08	95	79.00
	3000K	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

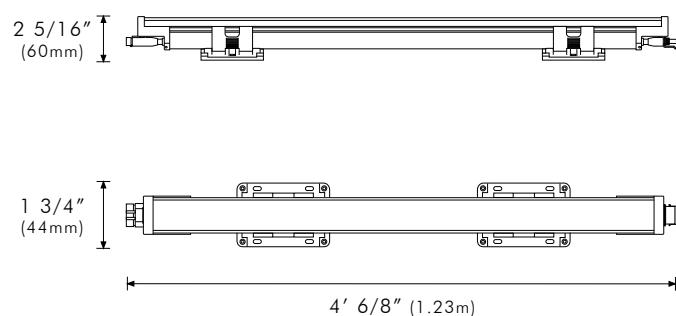
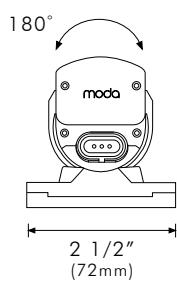
Illuminance at a Distance (4000K)



Polar Candela Distribution (4000K)



*2200K not available for SO+ or HO

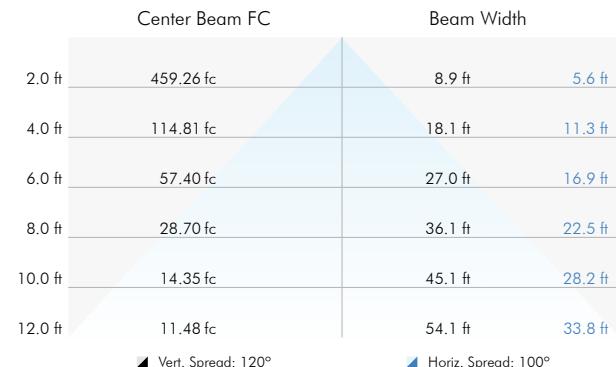


ELV

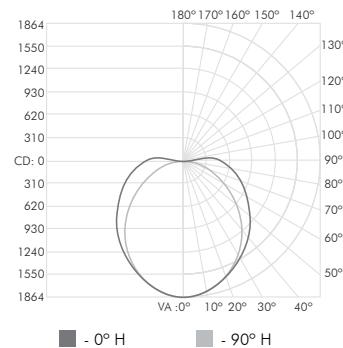
	CCT	Lumens	CRI	Efficacy
LO	2200K	1002.00	94	62.63
	2700K	1234.00	95	77.13
	3000K	1316.00	95	82.25
	3500K	1366.00	96	85.83
	4000K	1406.00	97	87.87
SO	2200K	1368.11	94	71.00
	2700K	1783.10	95	93.84
	3000K	1820.18	95	95.79
	3500K	1900.45	96	100.02
	4000K	1966.00	97	103.47
SO+	2200K*	-	-	-
	2700K	3161.67	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)

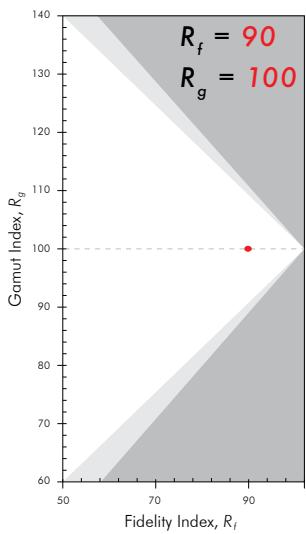


Polar Candela Distribution (4000K)

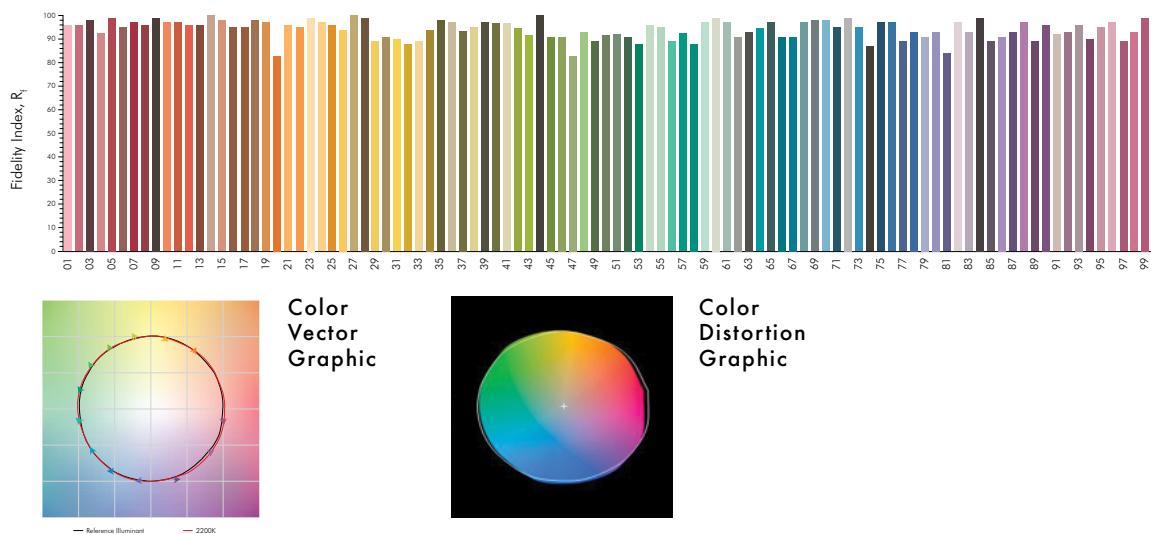


*2200K not available for SO+ or HO

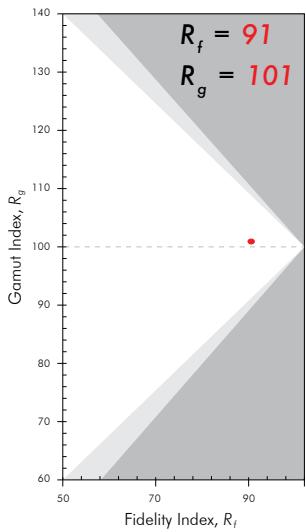
2200K TM30



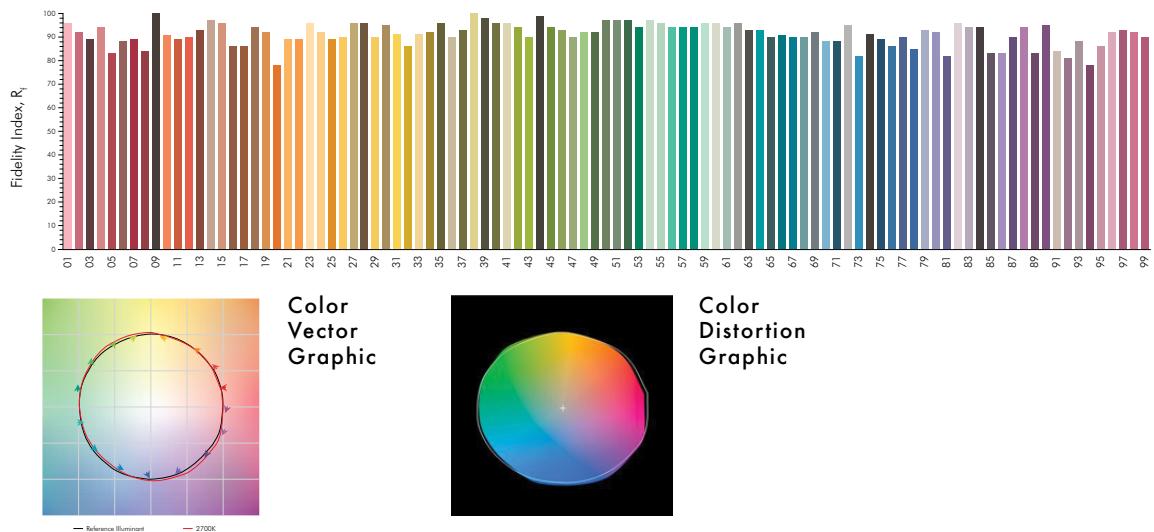
Color Evaluation Sample



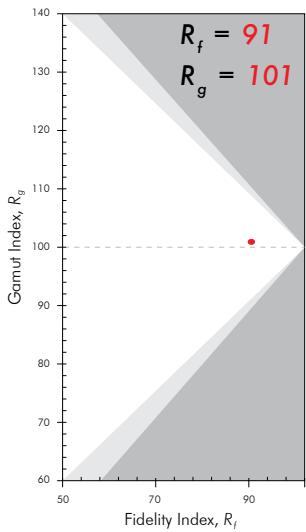
2700K TM30



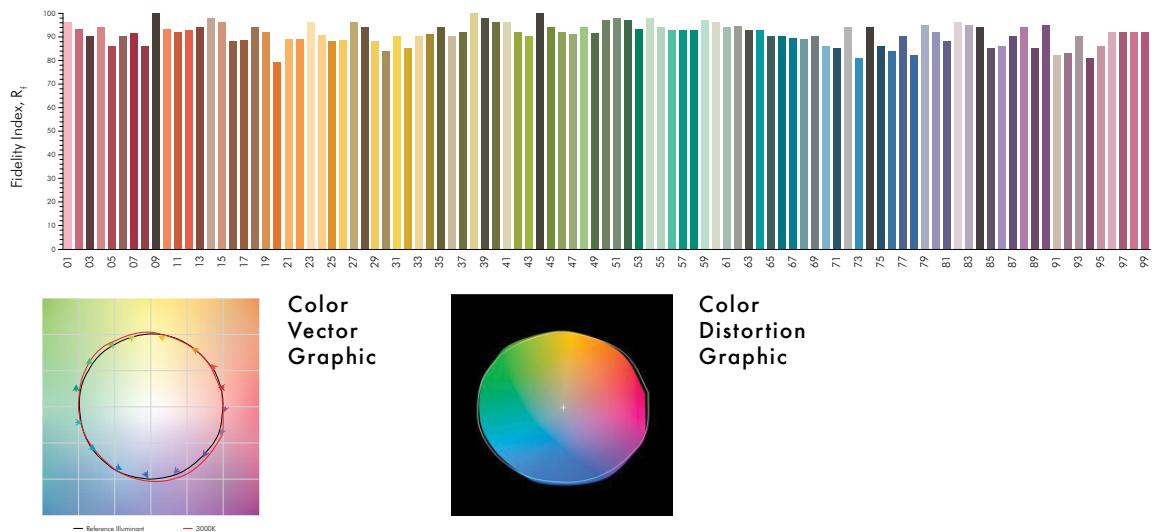
Color Evaluation Sample



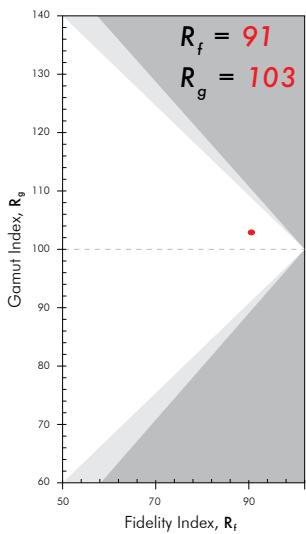
3000K TM30



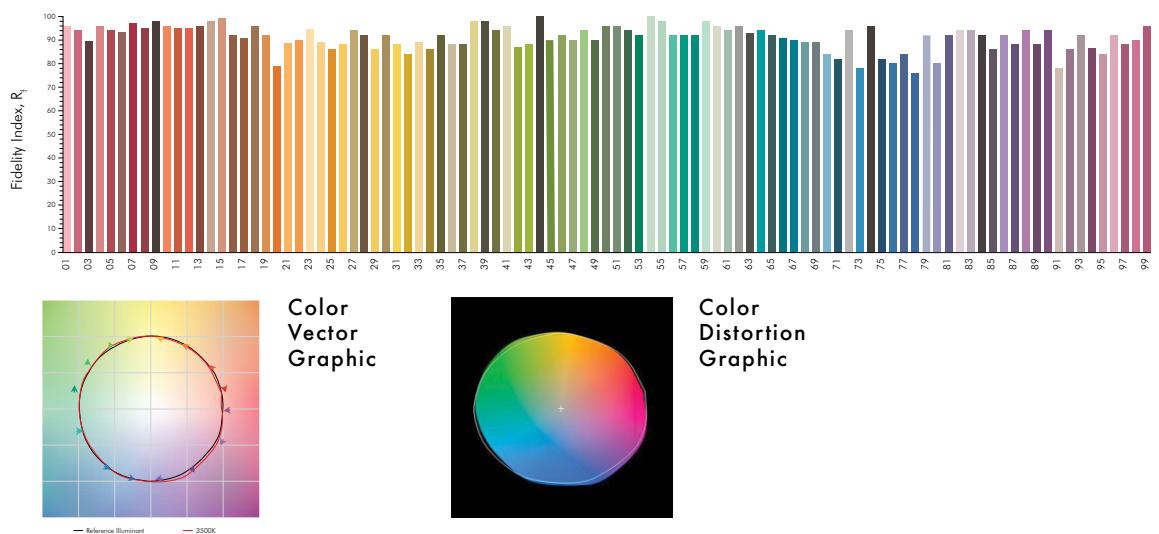
Color Evaluation Sample



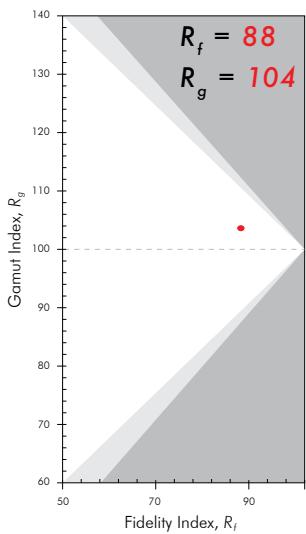
3500K TM30



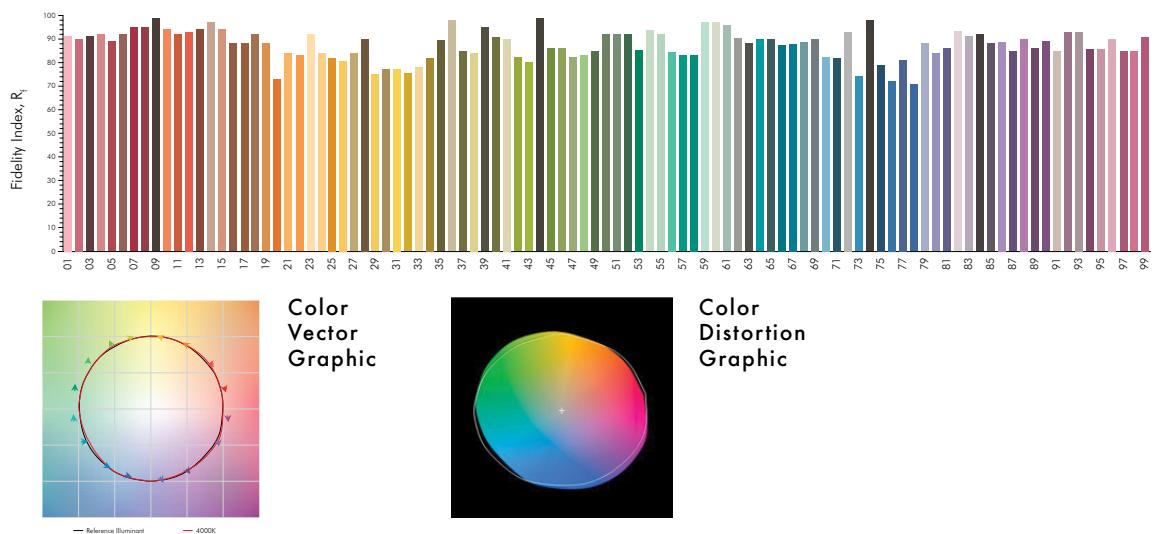
Color Evaluation Sample

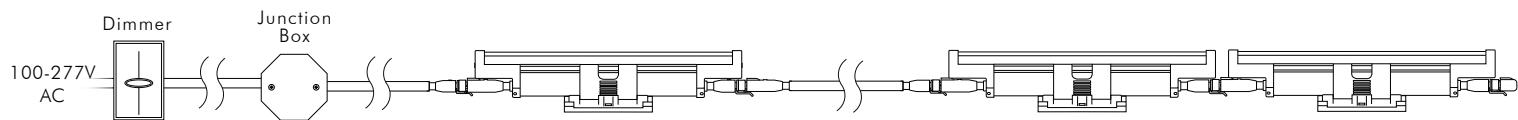


4000K TM30

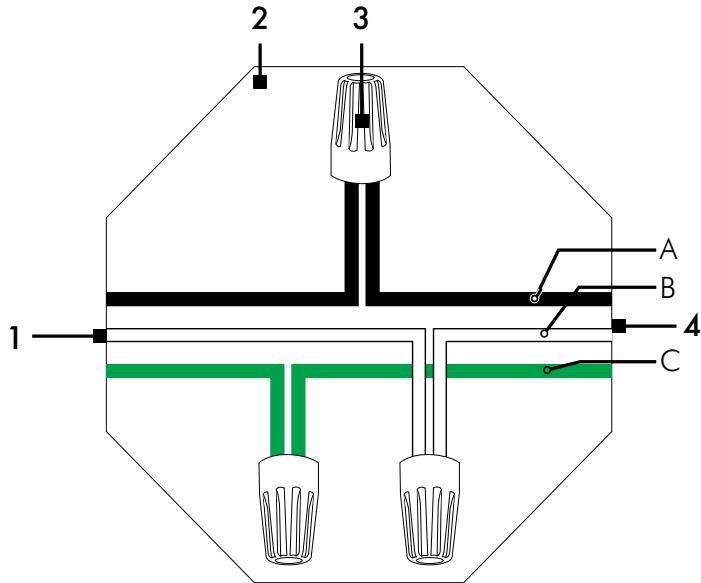


Color Evaluation Sample

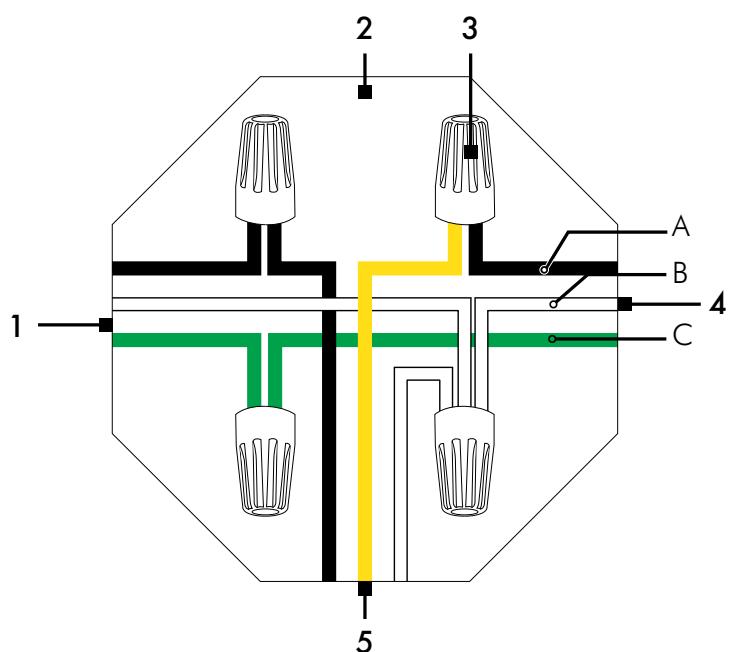




UL / cUL Non-dimming



UL / cUL ELV Dimming



Wiring Legend

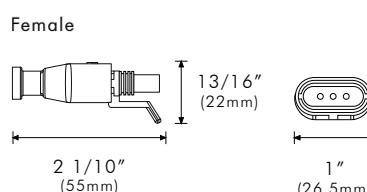
1	Power 100-277V AC
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

3 Pin Leader Cable

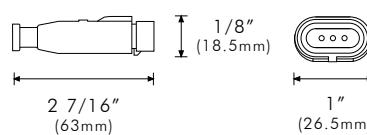
	UL/cUL	CE/CCC*
A	Live 100-277V AC	— Black
B	Neutral	— White
C	Ground	— Green — Green/Yellow

*Not illustrated

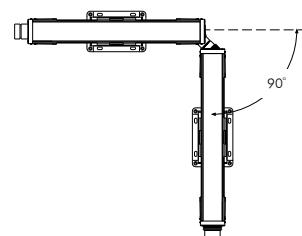
ELV Connectors

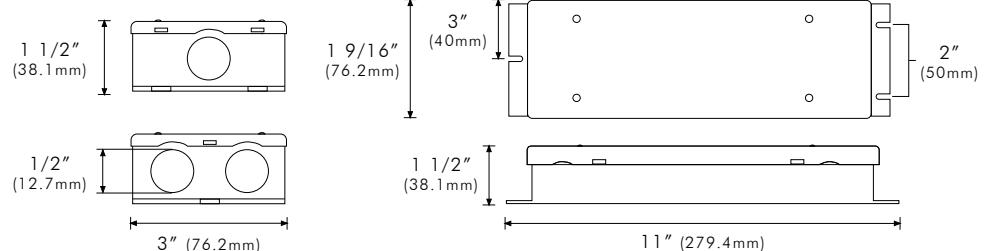


Male



Angle Adjustment

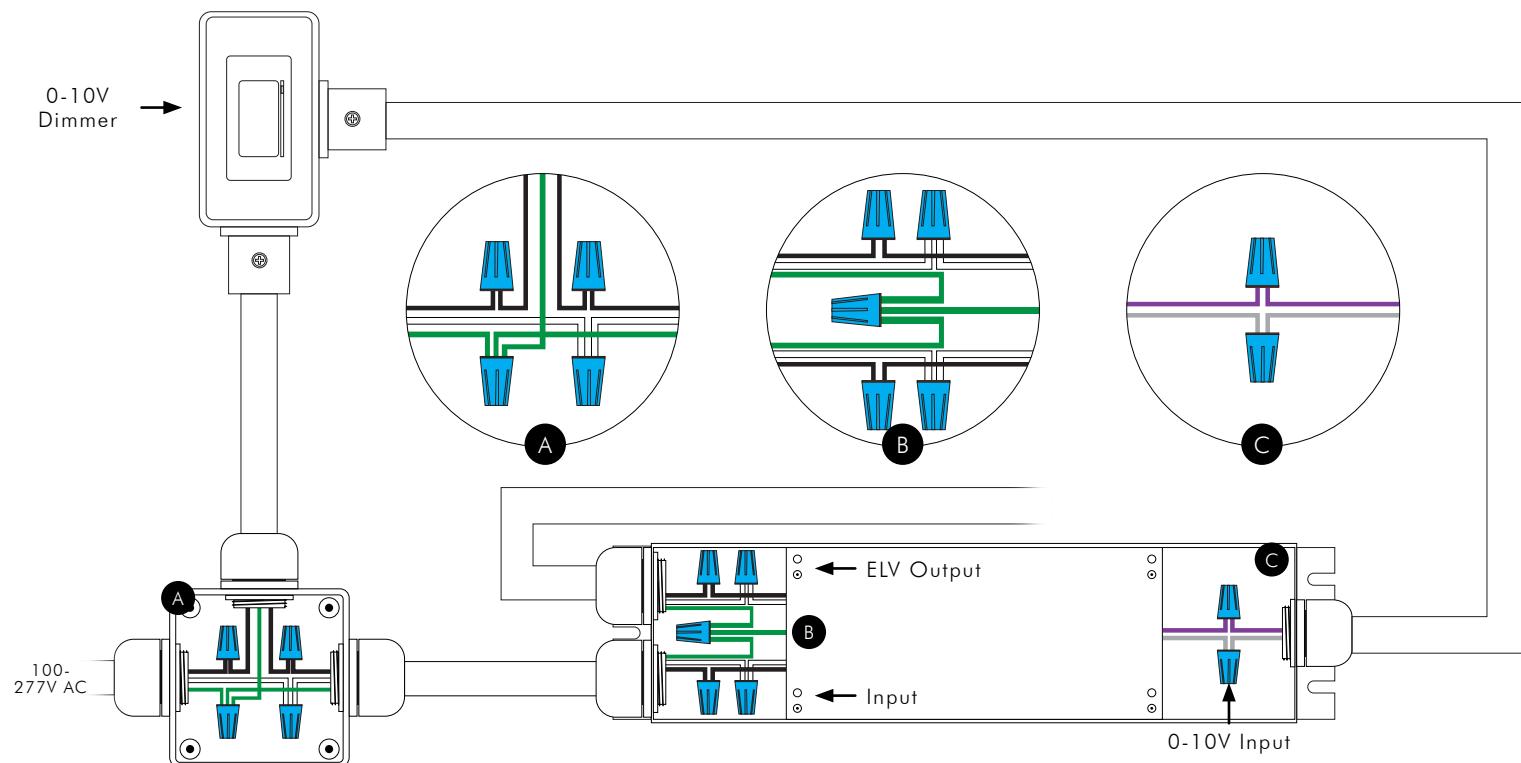




MODA BRIDGE 1

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

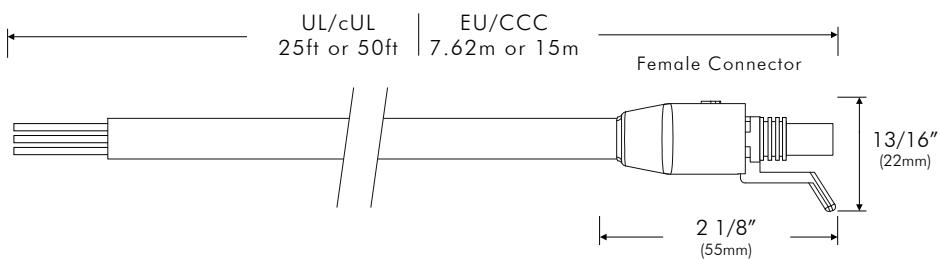
	UL/cUL	CE/CCC*
Live 100-277V AC	— Black	— Brown
Neutral	— White	— Blue
Ground	— Green	— Green/Yellow

*Not illustrated

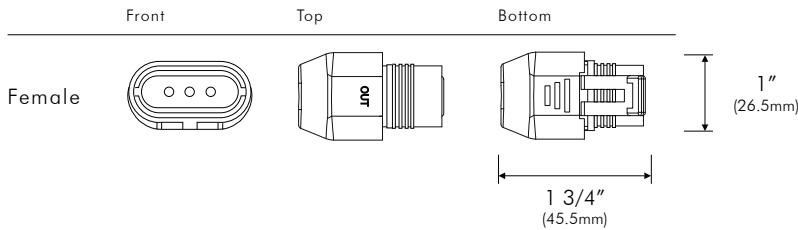
ELV Leader Cables

Moda Cove Exterior 3 Pin Leader Cables

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



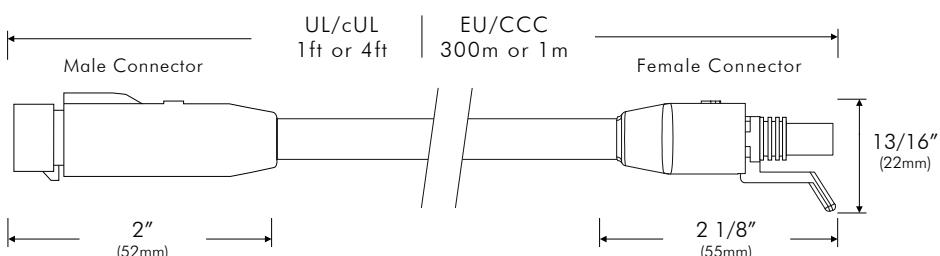
Connectors



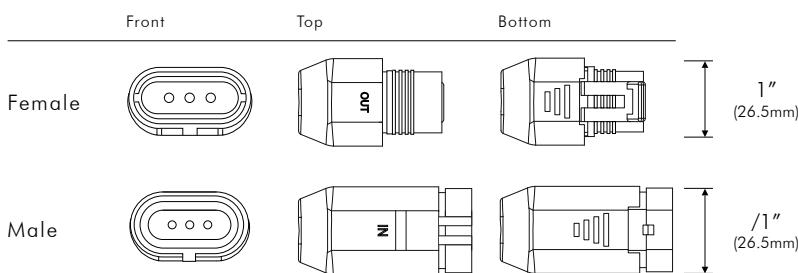
ELV Jumper Cables

Moda Cove Exterior 3 Pin Jumper Cables

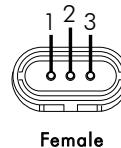
	UL/cUL Lengths Color	EU/CCC Lengths Color
	1ft and 4ft Black	300mm and 1m Black



Connectors

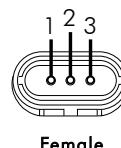


Pin Assignment

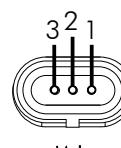


	UL/cUL	EU/CCC
1	Live 100-277V Black	Brown
2	Ground Green	Yellow/Green
3	Neutral White	Blue

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

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