

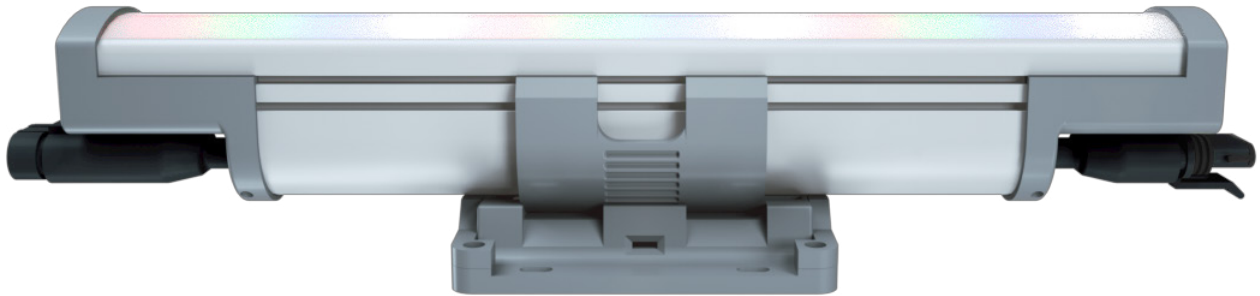
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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

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 DMX software, our onboard Microprocessor is uniquely programmed in-house with a firmware to receive DMX 512 signals for full independent control of every 1ft section. Mix colors to create amazing displays and color scenes using MODA controls. Switch to a high CRI, high R1-R15 white light for quality general illumination. 100-277V 50/60 Hz power input allows these fixtures to be installed anywhere in the world. New patent pending locking bracket which 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 plug and install-integral thumb latch connectors. 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.

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## PHYSICAL

Lengths	1ft & 4ft sections available
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	RGB - N/A 27K, 3K, 35K, & 4K - 2 Step MacAdam Ellipse
Color Bin Tolerance	Single Bin
CRI	97 (27K, 3K, 35K, & 4K)
Lumen Maintenance	90,000 Hours L50 @ 25°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

## ELECTRICAL

Input Voltage	100-277V AC 50Hz/60Hz
Dimming	DMX 512 Controlled
Power Factor	≥ 0.96
Emergency	N/A

## MODA TECHNOLOGY

moda**SOFT**<sup>™</sup>

moda**DMX**<sup>™</sup>

moda**DIM**<sup>™</sup>

moda**COMMUNICATE**<sup>™</sup>

moda**THERMAL MANAGEMENT**<sup>™</sup>

moda**DRIVER**<sup>™</sup>

moda**PHOSPHOR**<sup>™</sup>

moda**BIN**<sup>™</sup>

moda**GUARD**<sup>™</sup>

moda**SEAL**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>



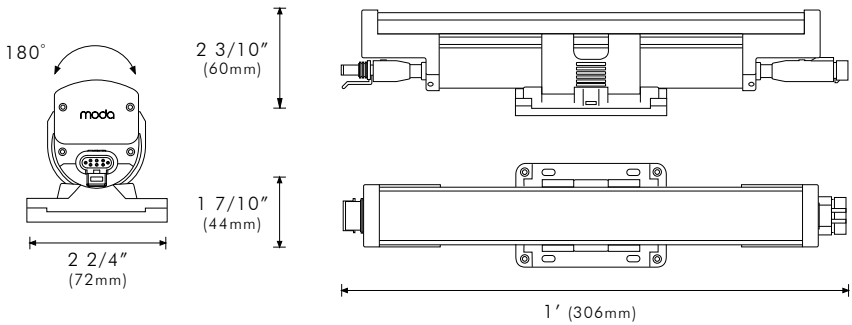
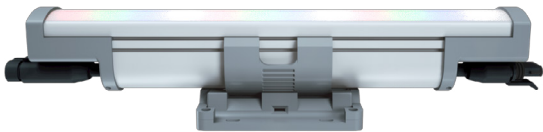
RoHS ✓



**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



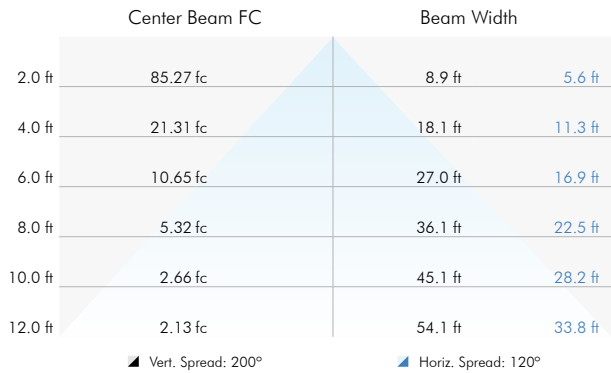
DMX

	Lumens	CRI	Efficacy
RGB27K	867	97	86.70
RGB3K	897	97	89.70
RGB35K	909	97	90.90
RGB4K	921	97	92.10

Power Consumption	Max Run Length	
100-277v AC	120v AC	277v AC
10w	80ft	80ft

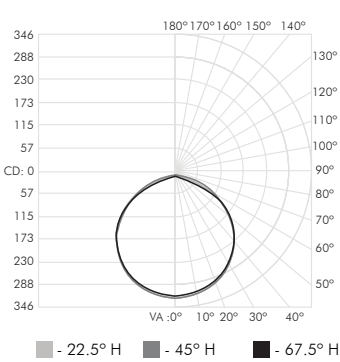
Illuminance at a Distance

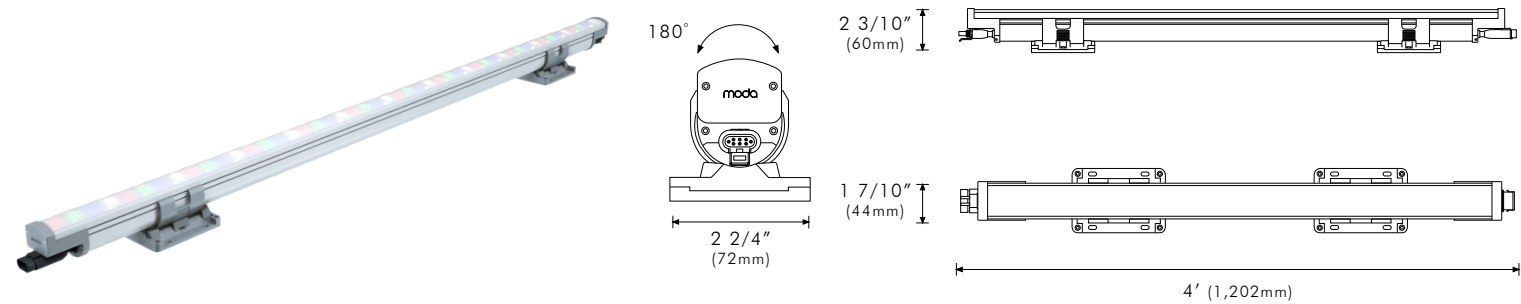


ORDERING

- MCE-HO-S1-S-RGB27-1
- MCE-HO-S1-S-RGB3-1
- MCE-HO-S1-S-RGB35-1
- MCE-HO-S1-S-RGB4-1

Polar Candela Distribution





DMX

	Lumens	CRI	Efficacy
RGB27K	3468	97	86.70
RGB3K	3588	97	89.70
RGB35K	3636	97	90.90
RGB4K	3684	97	92.10
Power Consumption	Max Run Length		
100-277V AC	120V AC	277V AC	
40W	80ft	80ft	

Illuminance at a Distance

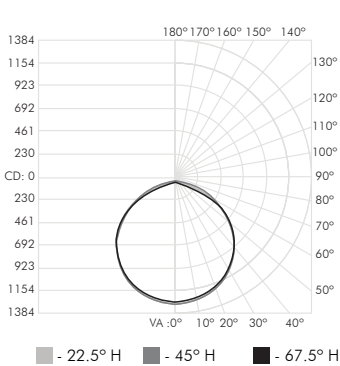
	Center Beam FC	Beam Width
2.0 ft	341.11 fc	8.9 ft 5.6 ft
4.0 ft	85.27 fc	18.1 ft 11.3 ft
6.0 ft	42.63 fc	27.0 ft 16.9 ft
8.0 ft	21.31 fc	36.1 ft 22.5 ft
10.0 ft	10.65 fc	45.1 ft 28.2 ft
12.0 ft	8.52 fc	54.1 ft 33.8 ft

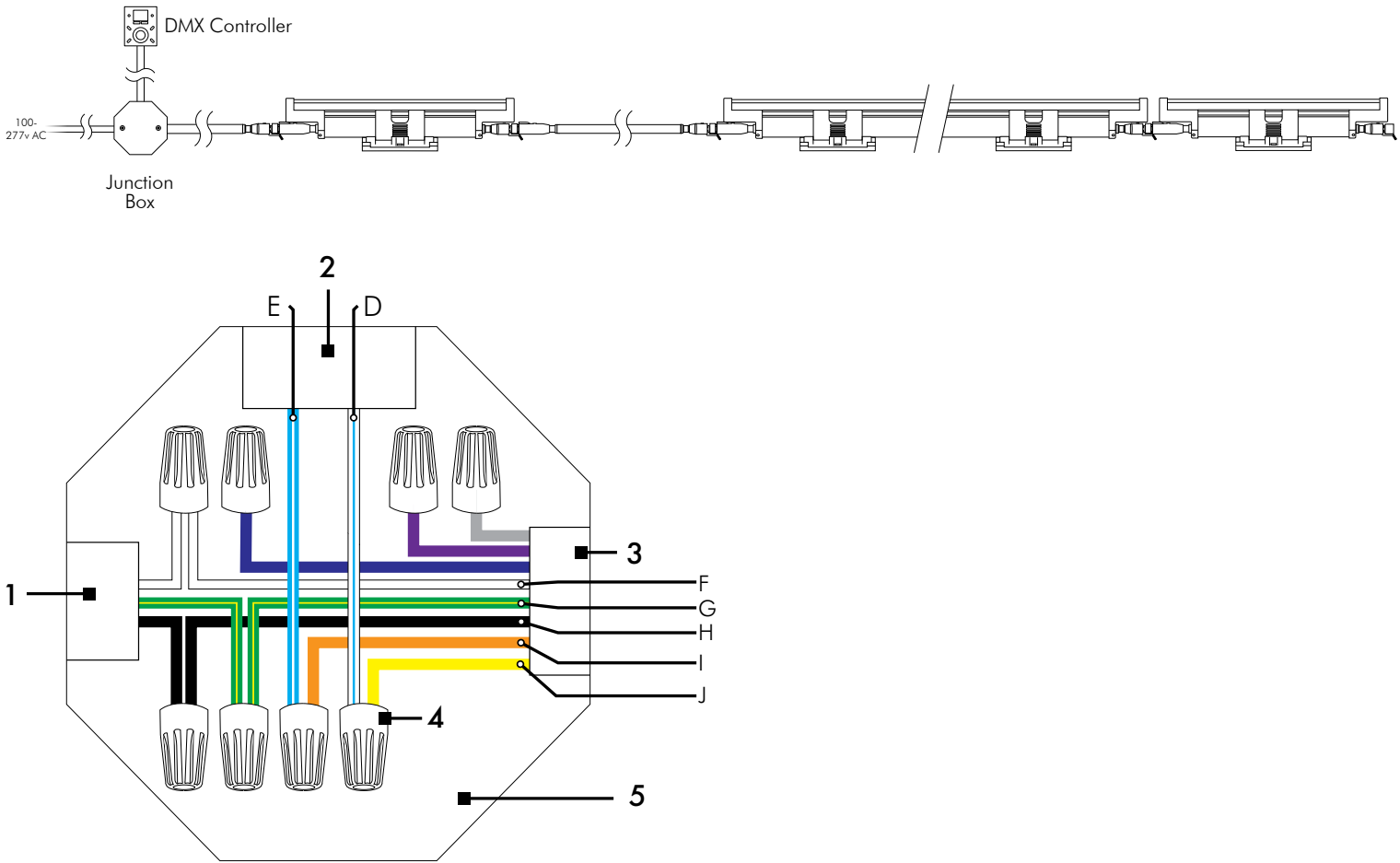
▲ Vert. Spread: 200°      ▲ Horiz. Spread: 120°

ORDERING

- MCE-HO-S1-S-RGB27-4
- MCE-HO-S1-S-RGB3-4
- MCE-HO-S1-S-RGB35-4
- MCE-HO-S1-S-RGB4-4

Polar Candela Distribution





Wiring Legend

1	Power 100-277V
2	DMX Controller
3	8 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

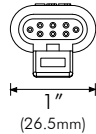
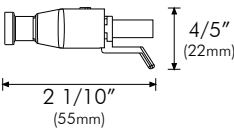
8 Pin Leader Cable

	UL/cUL	CE/CCC*
A Live 100-277V	Black	Brown
B Neutral	White	Blue
C Ground	Green/Yellow	Yellow/Green
D Data Positive	Orange	Orange
E Data Negative	Yellow	Yellow

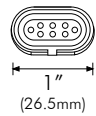
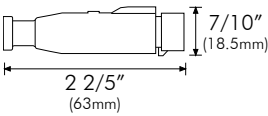
\*not illustrated

DMX Connectors

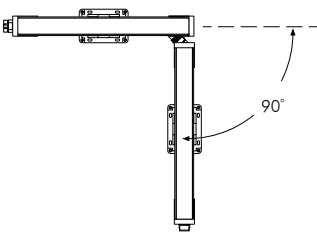
Male Output



Female Output



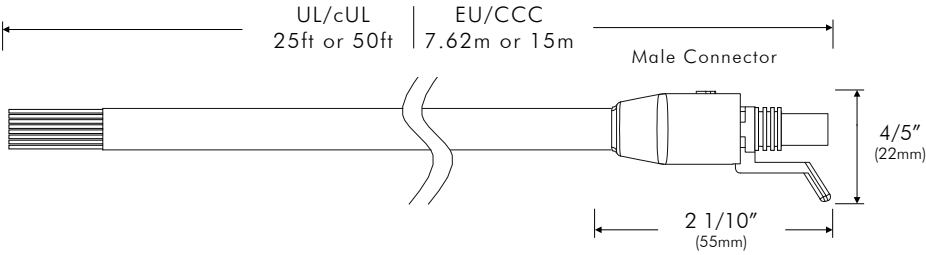
Angle Adjustment



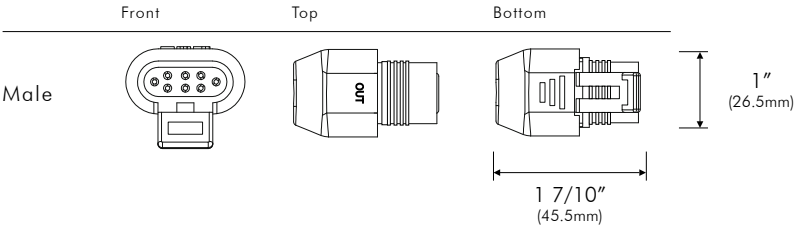
DMX

Moda Cove Exterior 8 Pin Leader Cables

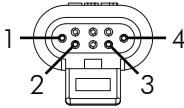
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



Connectors



Pin Assignment

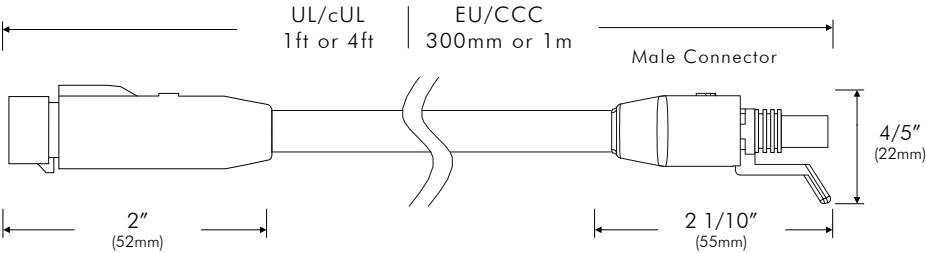


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

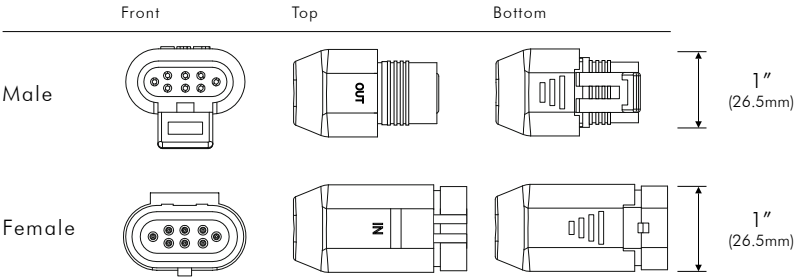
DMX

Moda Cove Exterior 8 Pin Jumper Cables

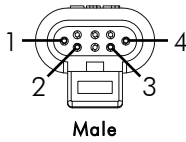
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



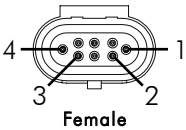
Connectors



Pin Assignment



		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow



		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow



NAME	SKU	DESCRIPTION
Leader Cable US 8 Pin 25ft	MLCE-US-8PIN-B-25FT	Power to first fixture of run
Leader Cable US 8 Pin 50ft	MLCE-US-8PIN-B-50FT	Power to first fixture of run
Jumper Cable US 8 Pin 1ft	MJCE-US-8PIN-B-1FT	Connection between fixtures
Jumper Cable US 8 Pin 4ft	MJCE-US-8PIN-B-4FT	Connection between fixtures
Leader Cable EU 8 Pin 7.62m	MLCE-EU-8PIN-B-7.62M	Power to first fixture of run
Leader Cable EU 8 Pin 15m	MLCE-EU-8PIN-B-15M	Power to first fixture of run
Jumper Cable EU 8 Pin 300mm	MJCE-EU-8PIN-B-300MM	Connection between fixtures
Jumper Cable EU 8 Pin 1m	MJCE-EU-8PIN-B-1M	Connection between fixtures
Terminator 8 Pin	MTE-8PIN-B	Must be fixed to last fixture for safety
Exterior Bracket Lock	MCGE-BL-G	Locks bracket in place
Belden Shielded Cable 500 FT	BDL-9841-500FT	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation
Belden Shielded Cable 1000 FT	BDL-9841-1000FT	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation
Kandi Touch	KANDI-TOUCH-BLACK KANDI-TOUCH-WHITE	DMX 512 Controller
Moda DMX Wiring Hub	250-0100-01	Simplifies wiring and strengthens signal