

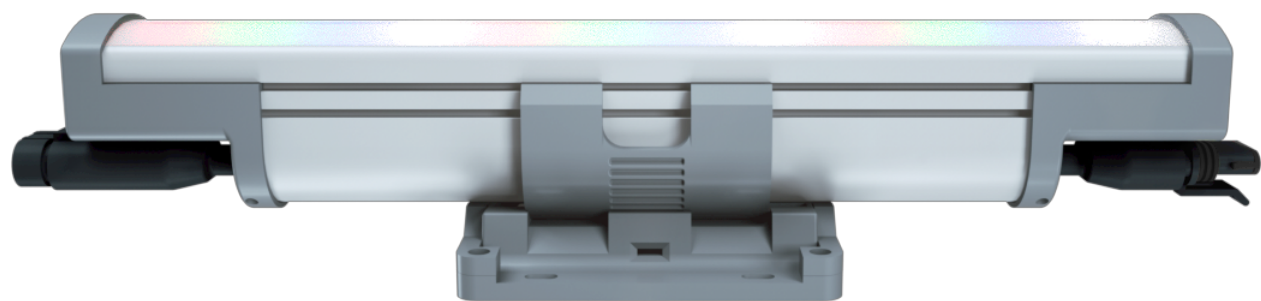
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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.

PAGE

3	FEATURES
4	1 FOOT
5	4 FOOT
6	DMX WIRING
7	ACCESSORIES: CABLES
8	FIXTURES & ACCESSORIES

## PHYSICAL

<b>Dimensions</b>	L: 1ft 1 25/32in(349.69mm) W: 2 13/16in(71.81mm) L: 4ft 19/32in(1.23m) H: 2 7/8in(73.42mm)
<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 IP66
<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>	RGB - N/A 27K, 3K, 35K, & 4K - 2 Step MacAdam Ellipse
<b>Color Bin Tolerance</b>	Zero Bin
<b>Wavelength</b>	97 (27K, 3K, 35K, & 4K)
<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>	DMX 512
<b>Power Factor</b>	≥ 0.96

## MODA TECHNOLOGY

moda**SOFTWARE**<sup>™</sup>

moda**HARDWARE**<sup>™</sup>

moda**DMX**<sup>™</sup>

moda**DRIVER**<sup>™</sup>

moda**ZERO BIN**<sup>™</sup>

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

moda**GUARD**<sup>™</sup>

moda**SEAL**<sup>™</sup>

moda**AIRFLOW**<sup>™</sup>

moda**COMMUNICATE**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>



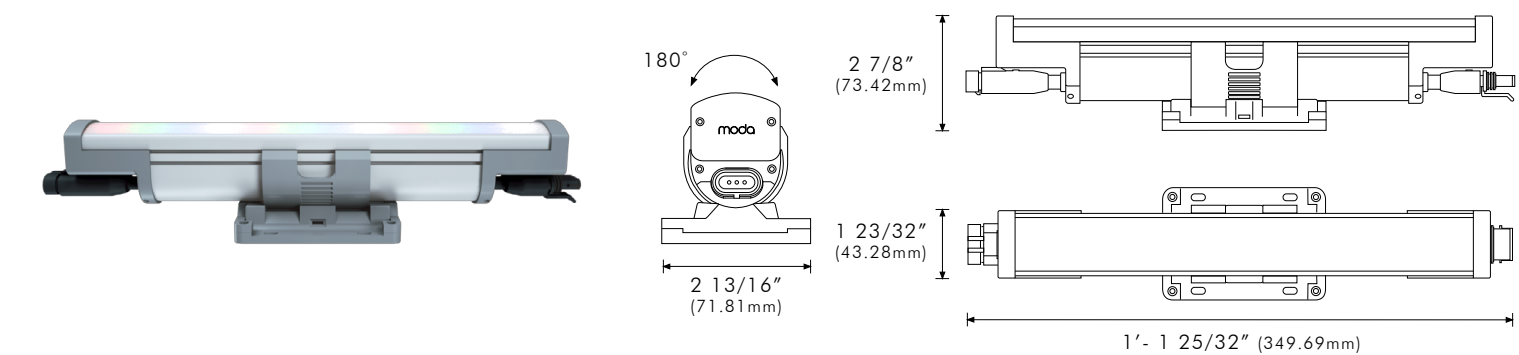
RoHS ✓



**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

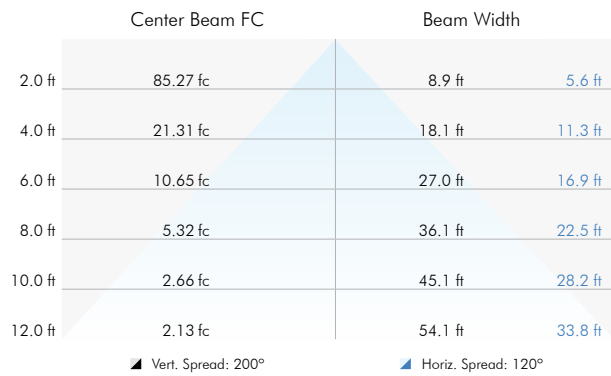


DMX

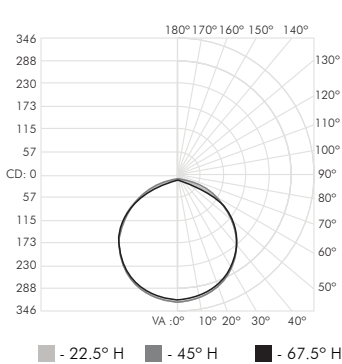
	Lumens	CRI	Efficacy
RGB27K	867	97	86.70
RGB3K	897	97	89.70
RGB35K	909	97	90.90
RGB4K	921	97	92.10

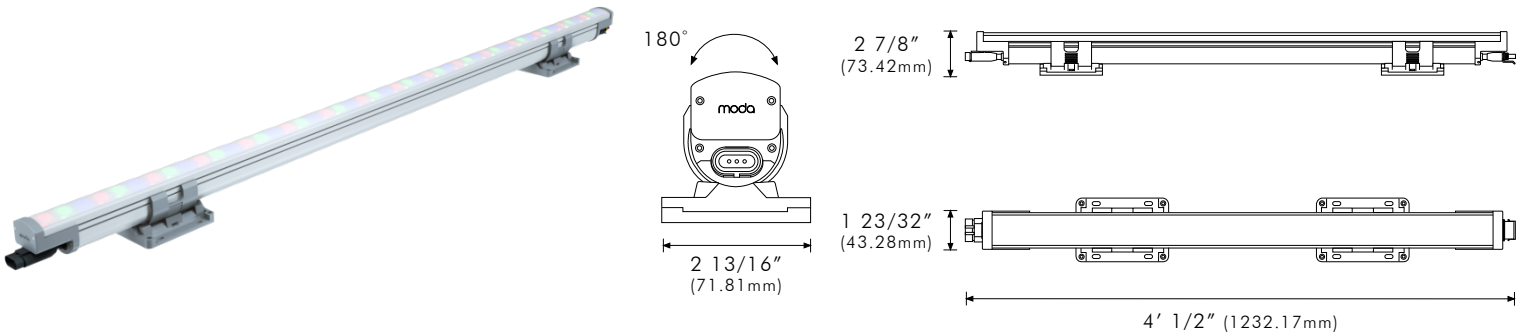
Power Consumption	Max Run Lengths
120-277V AC 10W	120-277V AC 80ft

Illuminance at a Distance



Polar Candela Distribution



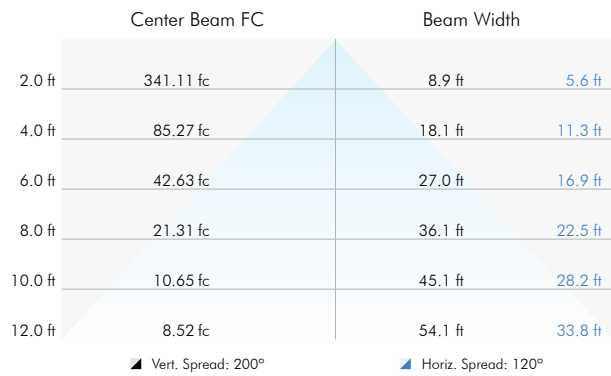


DMX

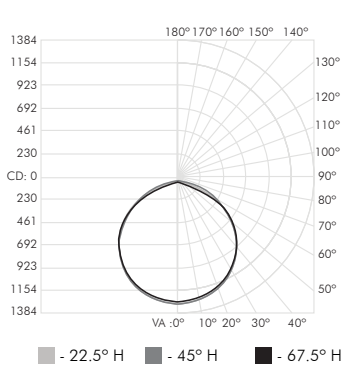
	Lumens	CRI	Efficacy
RGB27K	3468	97	86.70
RGB3K	3588	97	89.70
RGB35K	3636	97	90.90
RGB4K	3684	97	92.10

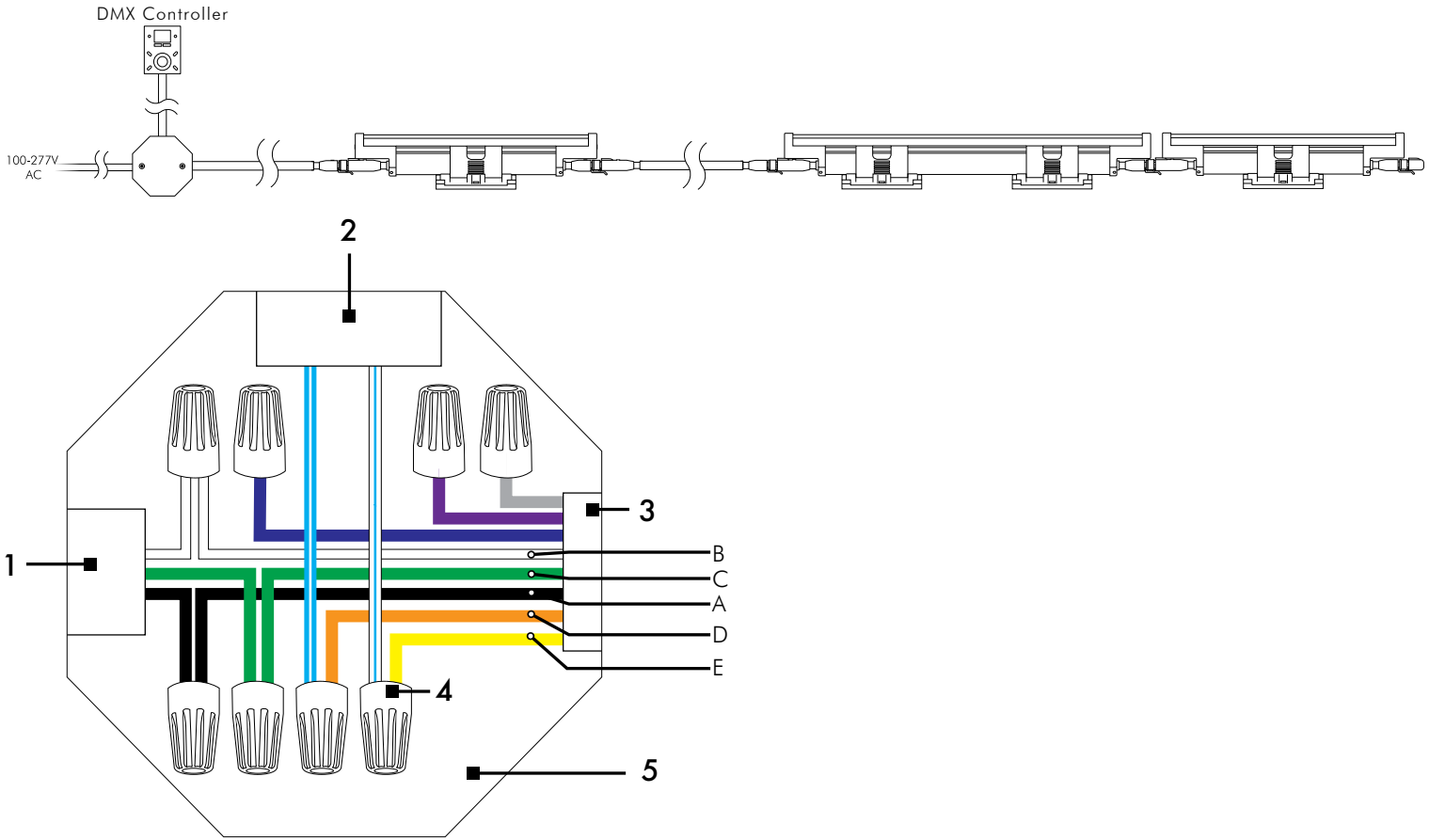
Power Consumption	Max Run Lengths
120-277V AC 40W	120-277V AC 80ft

Illuminance at a Distance



Polar Candela Distribution





Wiring Legend

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

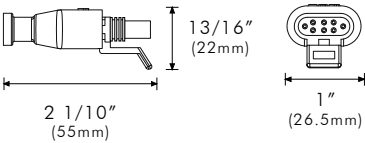
8 Pin Leader Cable

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

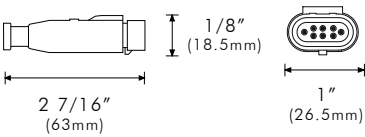
\*Not illustrated

DMX Connectors

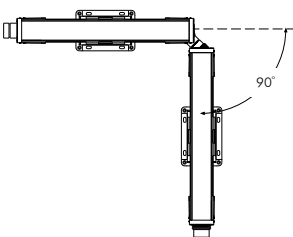
Female



Male



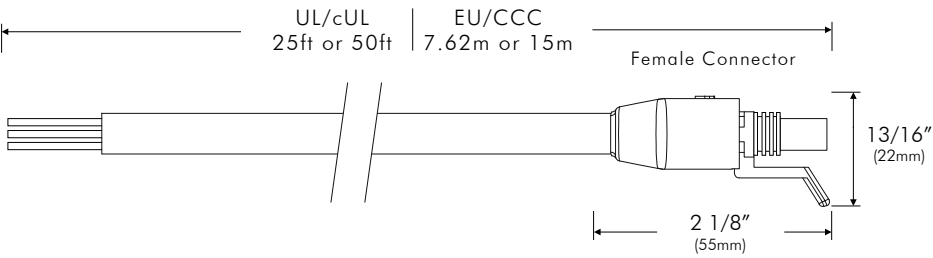
Angle Adjustment



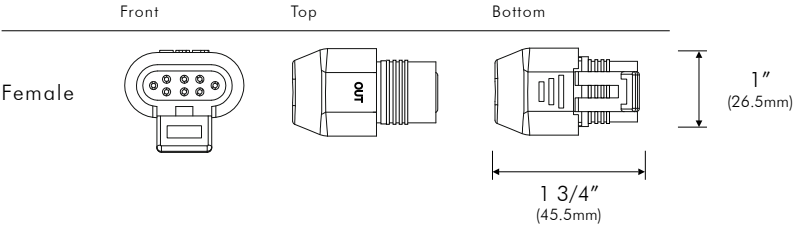
DMX LEADER CABLES

Moda Cove Exterior 8 Pin Leader Cables

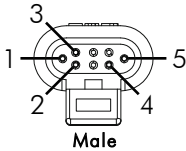
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



Connectors



Pin Assignment

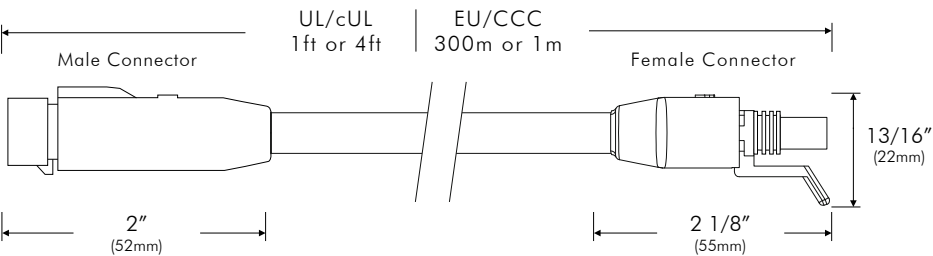


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

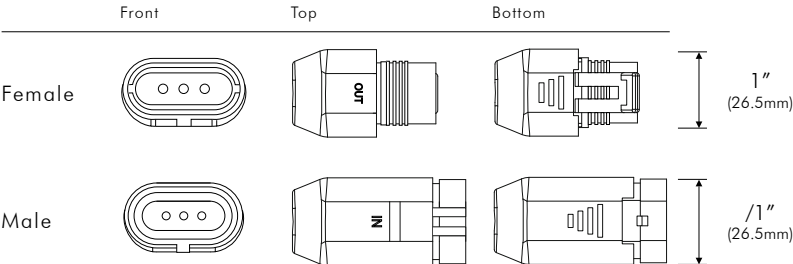
DMX JUMPER CABLES

Moda Cove Exterior 8 Pin Jumper Cables

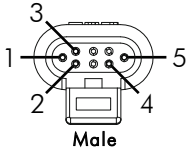
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



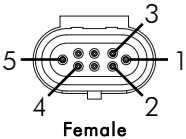
Connectors



Pin Assignment



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

FIXTURE		SKU
1 FT	Moda Cove Exterior High Output Silver DMX 512 RGB 2700K HCRI 1FT	MCE-HO-S1-S-RGB27-1
	Moda Cove Exterior High Output Silver DMX 512 RGB 3000K HCRI 1FT	MCE-HO-S1-S-RGB3-1
	Moda Cove Exterior High Output Silver DMX 512 RGB 3500K HCRI 1FT	MCE-HO-S1-S-RGB35-1
	Moda Cove Exterior High Output Silver DMX 512 RGB 4000K HCRI 1FT	MCE-HO-S1-S-RGB4-1
4 FT	Moda Cove Exterior High Output Silver DMX 512 RGB 2700K HCRI 4FT	MCE-HO-S1-S-RGB27-4
	Moda Cove Exterior High Output Silver DMX 512 RGB 3000K HCRI 4FT	MCE-HO-S1-S-RGB3-4
	Moda Cove Exterior High Output Silver DMX 512 RGB 3500K HCRI 4FT	MCE-HO-S1-S-RGB35-4
	Moda Cove Exterior High Output Silver DMX 512 RGB 4000K HCRI 4FT	MCE-HO-S1-S-RGB4-4

ACCESSORIES	DESCRIPTION	SKU
Leader Cable US 8 Pin 25ft	Power to first fixture of run	MLCE-US-8PIN-B-25FT
Leader Cable US 8 Pin 50ft	Power to first fixture of run	MLCE-US-8PIN-B-50FT
Jumper Cable US 8 Pin 1ft	Connection between fixtures	MJCE-US-8PIN-B-1FT
Jumper Cable US 8 Pin 4ft	Connection between fixtures	MJCE-US-8PIN-B-4FT
Leader Cable EU 8 Pin 7.62m	Power to first fixture of run	MLCE-EU-8PIN-B-7.62M
Leader Cable EU 8 Pin 15m	Power to first fixture of run	MLCE-EU-8PIN-B-15M
Jumper Cable EU 8 Pin 300mm	Connection between fixtures	MJCE-EU-8PIN-B-300MM
Jumper Cable EU 8 Pin 1m	Connection between fixtures	MJCE-EU-8PIN-B-1M
Terminator 8 Pin	Must be fixed to last fixture for safety	MTE-8PIN-B
Exterior Bracket Lock	Holds fixture in place for vertical installations	MCE-BL-G

CONTROLS	DESCRIPTION	SKU
Kandi Touch	DMX 512 Controller	KND-TCH-B
	Available in black and white	KND-TCH-W

CONTROL ACCESSORIES	DESCRIPTION	SKU
Belden Shielded Cable 500ft	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-500FT
Belden Shielded Cable 1000ft	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-1000FT