

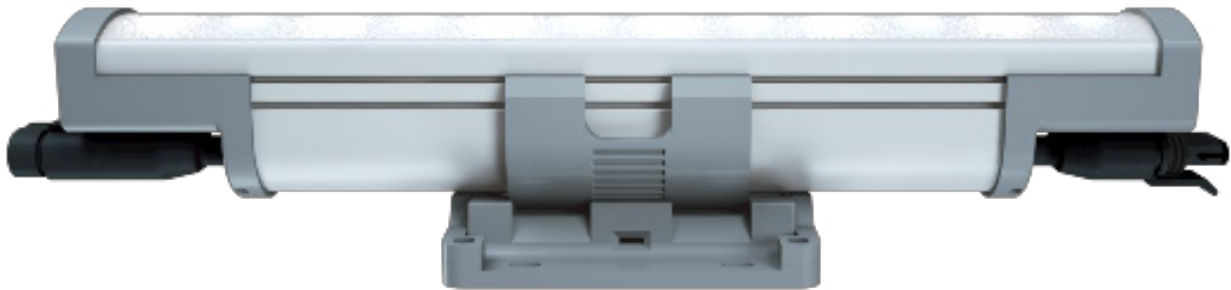
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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. Change the color temperature ranging from 3500k to 6500k and create a variety of moods. With MODA's methods of precision and high standards of work, MODA achieves perfect illumination. Color Rendering Index is at a MODA standard of 90-98. R1 - R15 values are in excess of 90. No striations, no color over angle, and no dark spots. 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. 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

Dimensions	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)
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	3500K - 6500K 2 Step MacAdam Ellipse
Color Bin Tolerance	Zero Bin
CRI	95-97
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	DMX 512
Power Factor	≥ 0.96

## MODA TECHNOLOGY

moda**SOFTWARE**<sup>™</sup>

moda**HARDWARE**<sup>™</sup>

moda**DYNAMIC COOL**<sup>™</sup>

moda**PHOSPHOR**<sup>™</sup>

moda**HIGH CRI**<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>



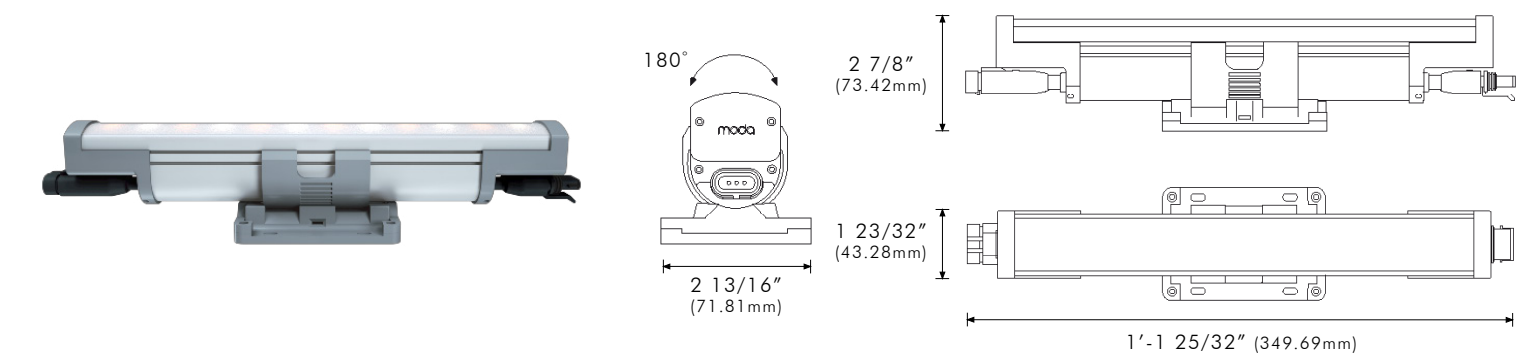
RoHS ✓



**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/ft	CRI	Efficacy
SO	672.75 - 780.00	97	67.27 - 78.00
HO	936.39 - 1082.54	97	93.63 - 108.25
HO+	1079.10 - 1247.52	97	107.91 - 124.75

Power Consumption

120-277V AC 10W

Max Run Lengths

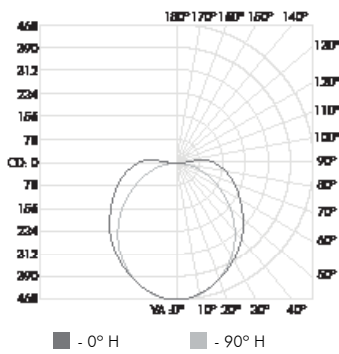
120-277V AC 80ft

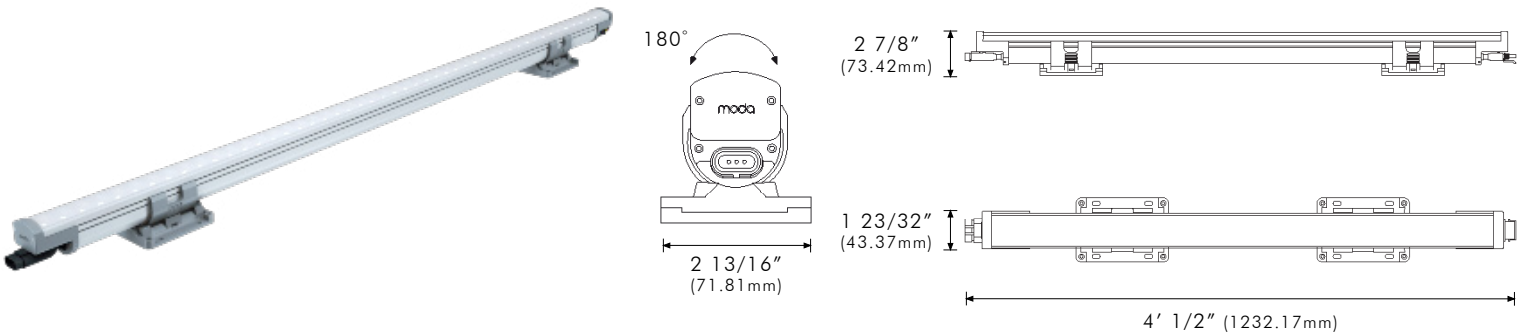
Illuminance at a Distance

	Center Beam FC	Beam Width
2.0 ft	115.51 fc	8.9 ft 5.6 ft
4.0 ft	28.87 fc	18.1 ft 11.3 ft
6.0 ft	14.43 fc	27.0 ft 16.9 ft
8.0 ft	7.21 fc	36.1 ft 22.5 ft
10.0 ft	3.60 fc	45.1 ft 28.2 ft
12.0 ft	2.88 fc	54.1 ft 33.8 ft

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

Polar Candela Distribution

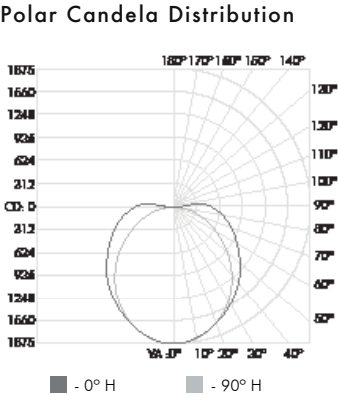
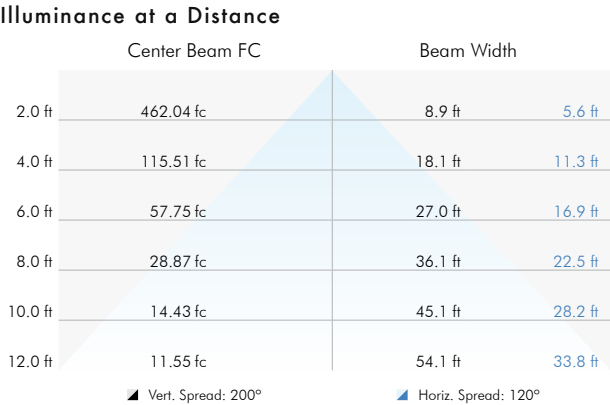


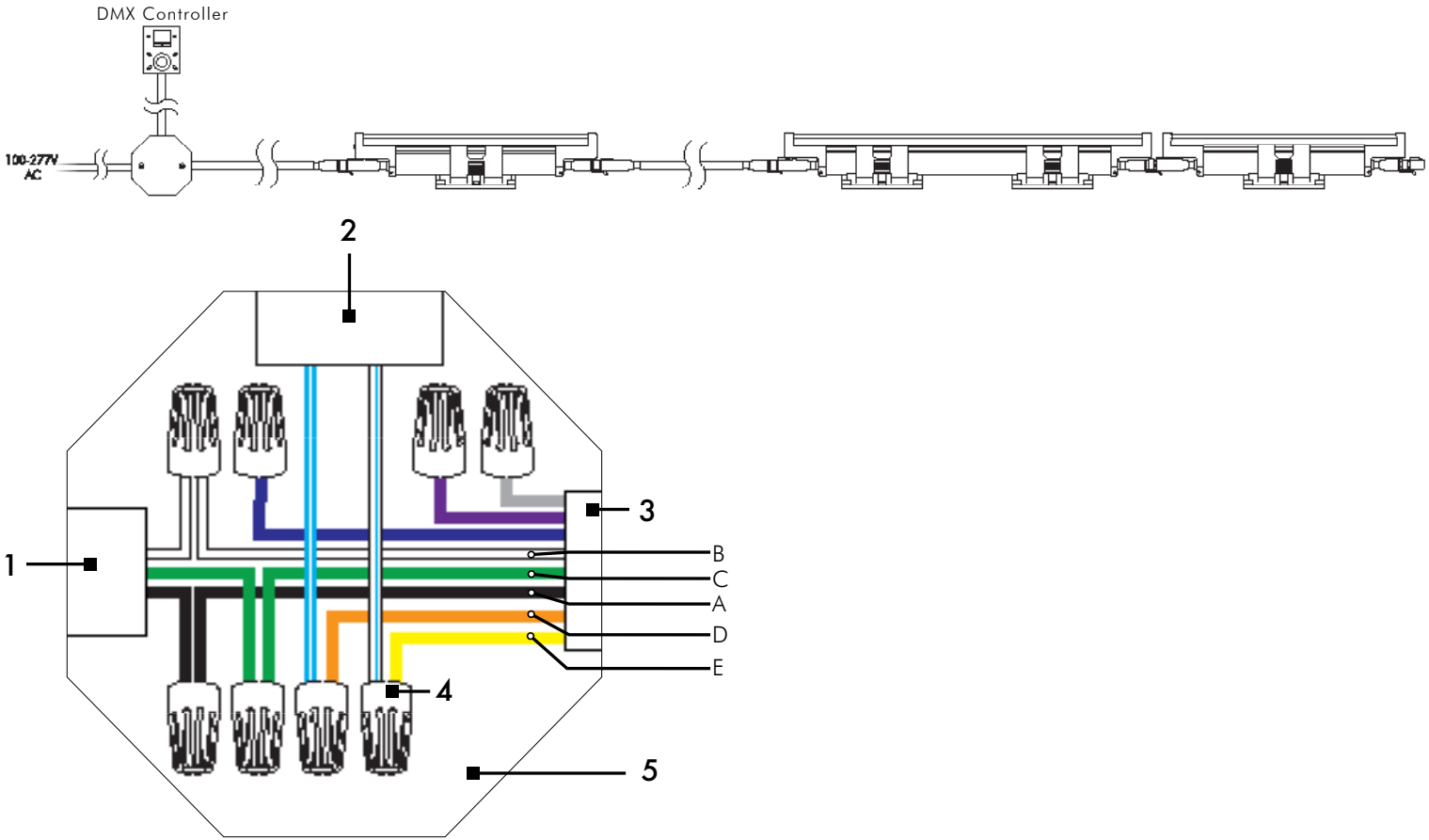


DMX

	Lumens	CRI	Efficacy
SO	2691.00 - 3120.00	97	67.27 - 78.00
HO	3745.56 - 4330.16	97	93.63 - 108.25
HO+	4316.40 - 4990.08	97	107.91 - 124.75

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





Wiring Legend

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

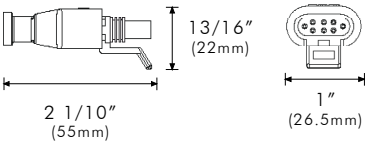
8 Pin Leader Cable

	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

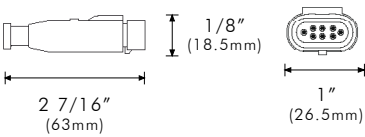
\*Not illustrated

DMX Connectors

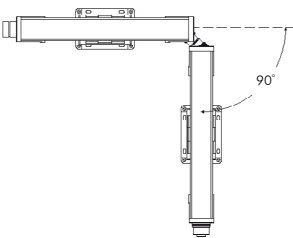
Female



Male



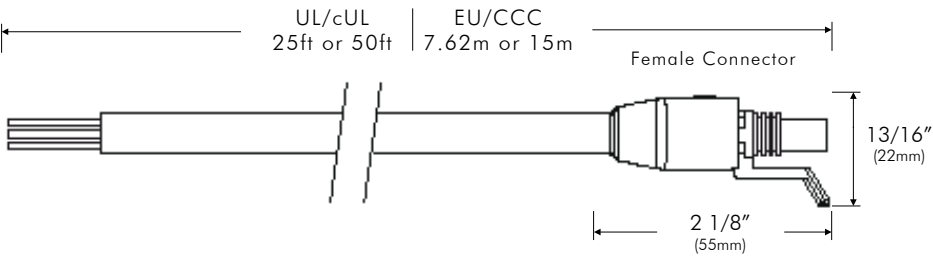
Angle Adjustment



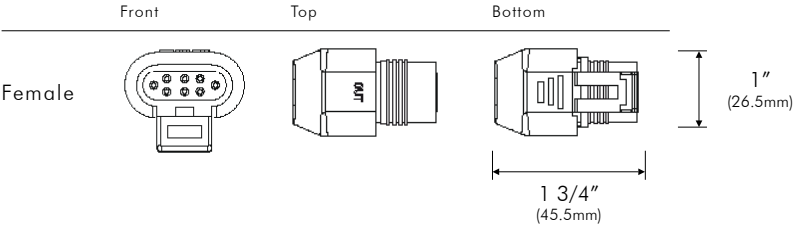
DMX LEADER CABLES

Moda Cove Exterior 8 Pin Leader Cables

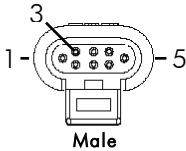
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



Connectors



Pin Assignment

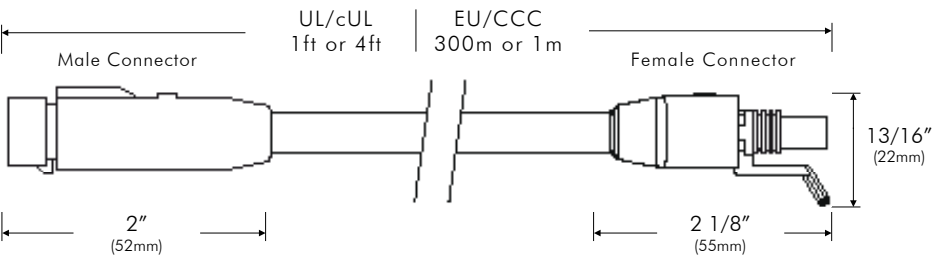


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

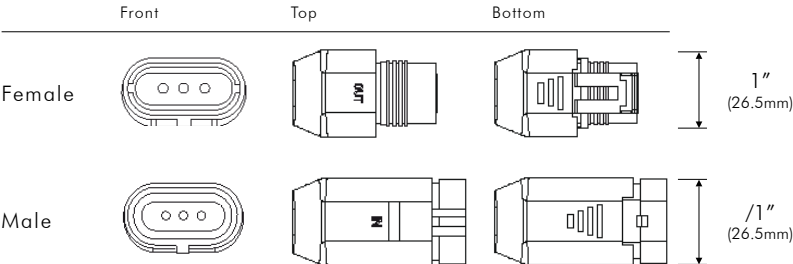
DMX JUMPER CABLES

Moda Cove Exterior 8 Pin Jumper Cables

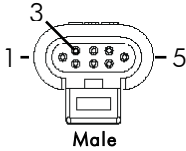
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



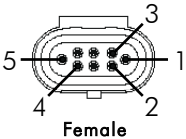
Connectors



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 Standard Output Silver Dynamic Cool 35K-65K HCRI 1FT	MCE-SO-S1-S-DC-1
	Moda Cove Exterior High Output Silver Dynamic Cool HCRI 35K-65K 1FT	MCE-HO-S1-S-DC-1
	Moda Cove Exterior High Output Plus Silver Dynamic Cool 35K-65K HCRI 1FT	MCE-HOP-S1-S-DC-1
4 FT	Moda Cove Exterior Standard Output Silver Dynamic Cool 35K-65K HCRI 4FT	MCE-SO-S1-S-DC-4
	Moda Cove Exterior High Output Silver Dynamic Cool 35K-65K HCRI 4FT	MCE-HO-S1-S-DC-4
	Moda Cove Exterior High Output Plus Silver Dynamic Cool 35K-65K HCRI 4FT	MCE-HOP-S1-S-DC-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	ORDERING NUMBER	PART NUMBER
Kandi-Touch-Black	2 Universe DMX Wall Controller	KND-TCH-B	250-0040
Kandi-Touch-White	2 Universe DMX Wall Controller	KND-TCH-W	250-0041
Belden Shielded Cable 500ft	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-500FT	250-0251
Belden Shielded Cable 1000ft	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-1000FT	250-0252