

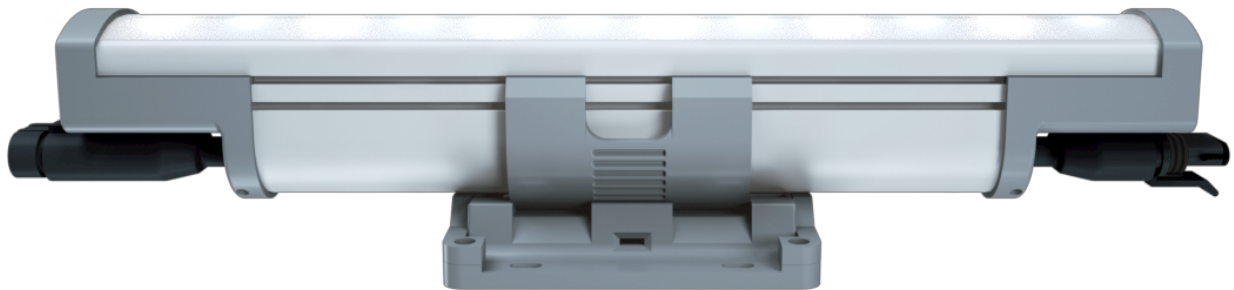
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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

<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>	3500K - 6500K 2 Step MacAdam Ellipse
<b>Color Bin Tolerance</b>	Zero Bin
<b>CRI</b>	95-97
<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**™

moda**HARDWARE**™

moda**DYNAMIC COOL**™

moda**PHOSPHOR**™

moda**HIGH CRI**™

moda**DMX**™

moda**DRIVER**™

moda**ZERO BIN**™

moda**THERMAL MANAGEMENT**™

moda**GUARD**™

moda**SEAL**™

moda**AIRFLOW**™

moda**COMMUNICATE**™

moda**KWIK CONNECT**™



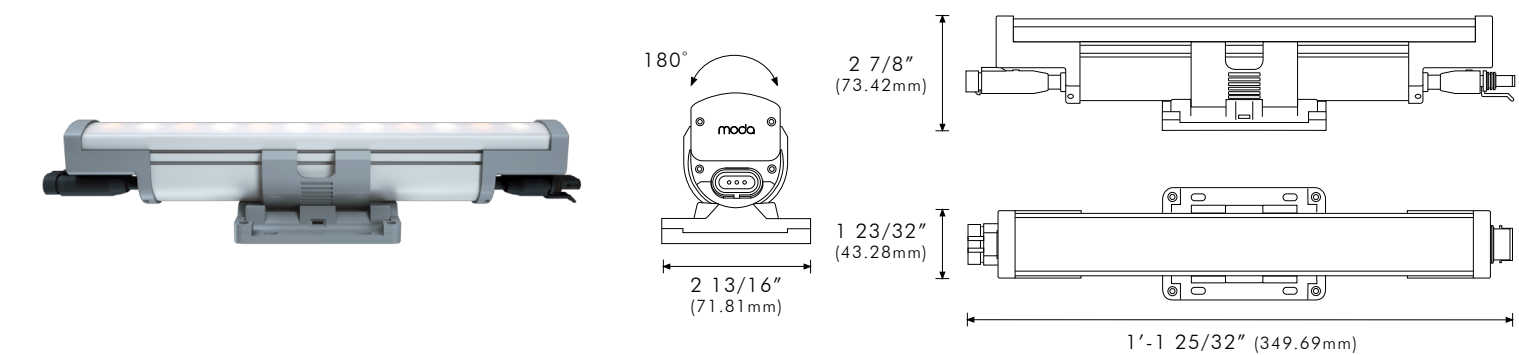
RoHS ✓



**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

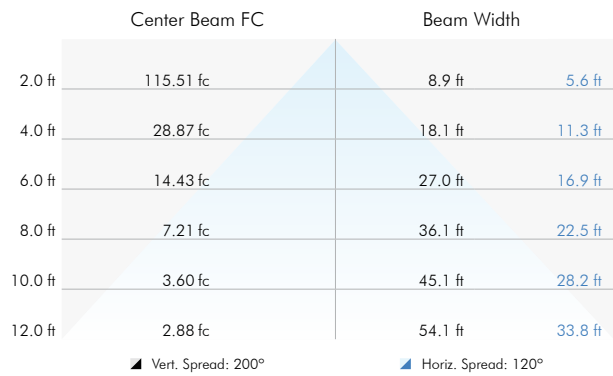
Power Consumption

120-277V AC 10W

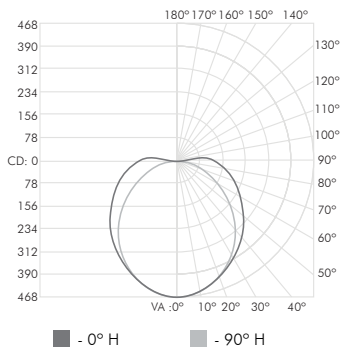
Max Run Lengths

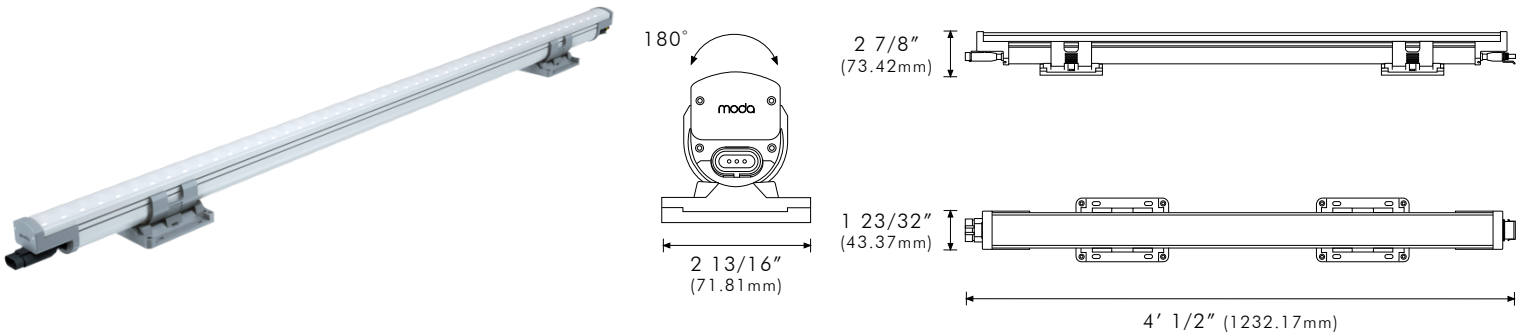
120-277V AC 80ft

Illuminance at a Distance



Polar Candela Distribution



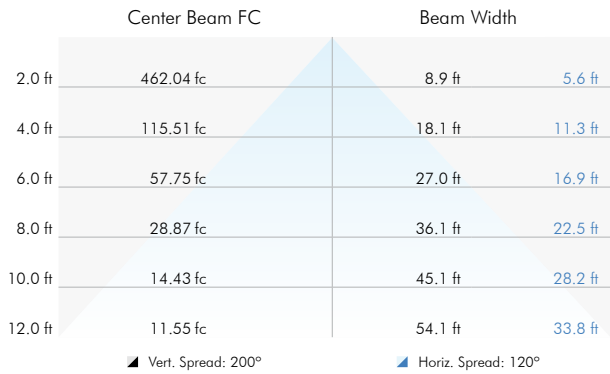


DMX

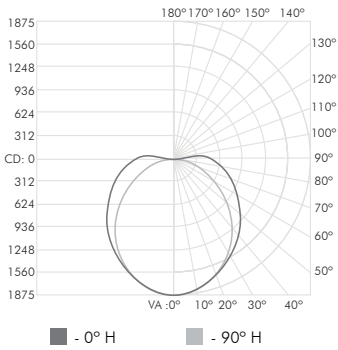
	Lumens	CRI	Efficacy
SO	2691.00 - 3120.00	97	67.27 - 78.00
HO	3745.56 - 4330.16	97	93.63 - 108.25
HO+	4316.40 - 4990.08	97	107.91 - 124.75

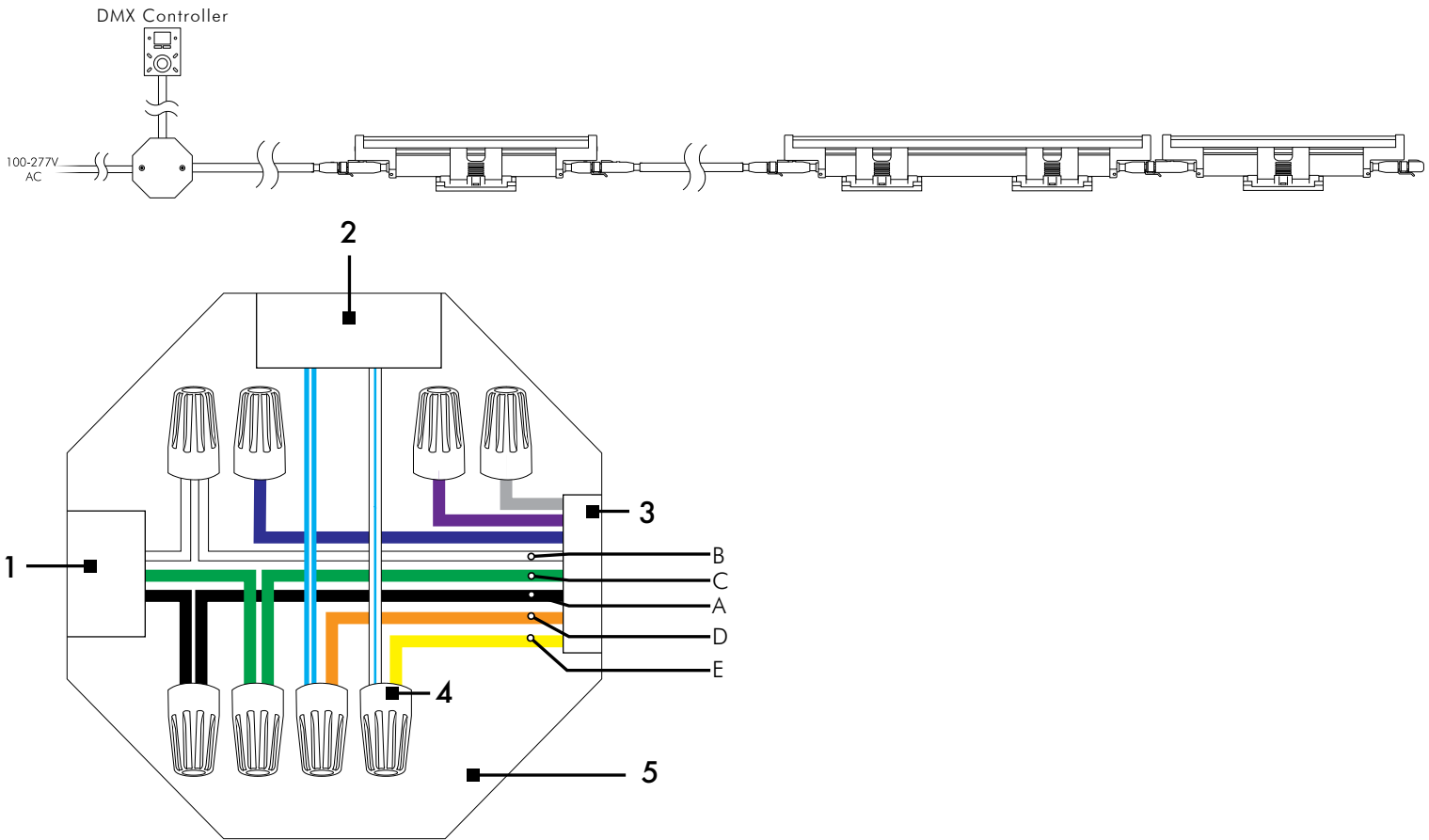
Power Consumption	Max Run Lengths
120-277V AC 40W	120-277V AC 80ft

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

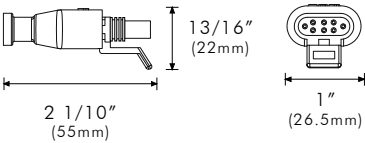
8 Pin Leader Cable

	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

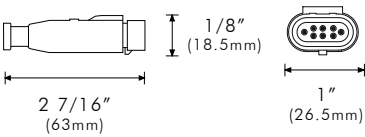
\*Not illustrated

DMX Connectors

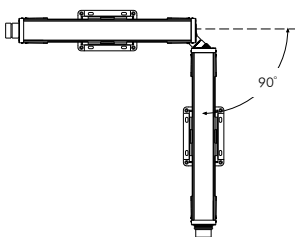
Female



Male



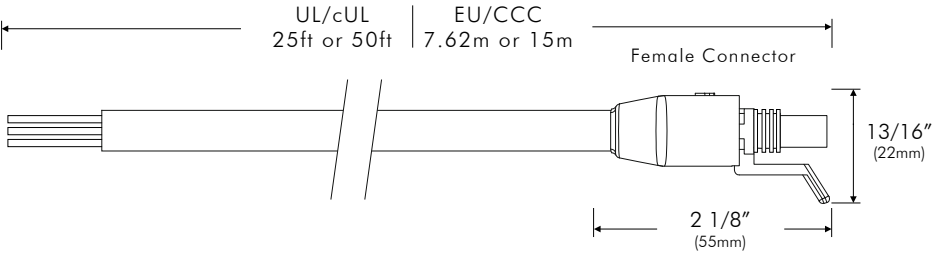
Angle Adjustment



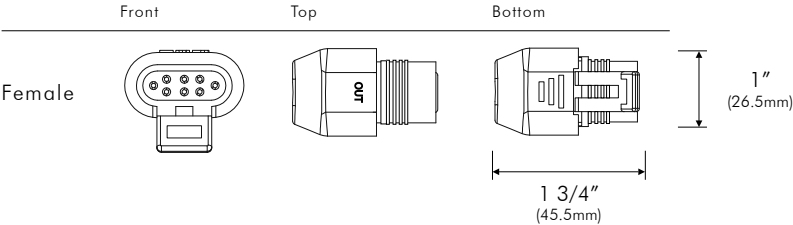
DMX LEADER CABLES

Moda Cove Exterior 8 Pin Leader Cables

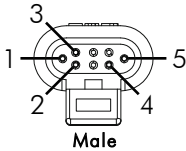
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



Connectors



Pin Assignment

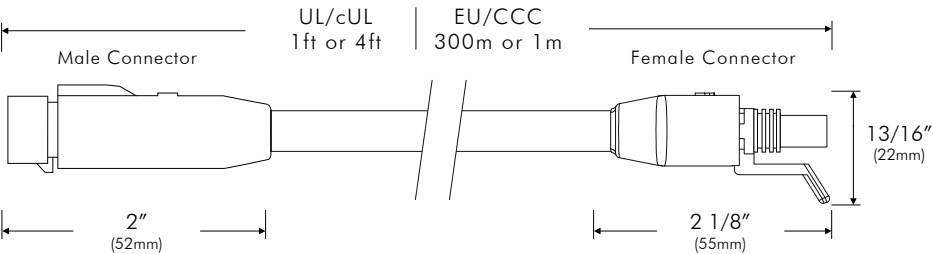


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

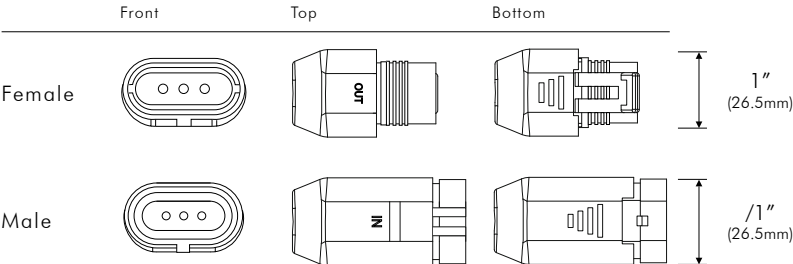
DMX JUMPER CABLES

Moda Cove Exterior 8 Pin Jumper Cables

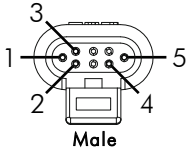
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



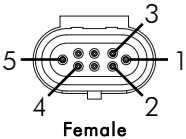
Connectors



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 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	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