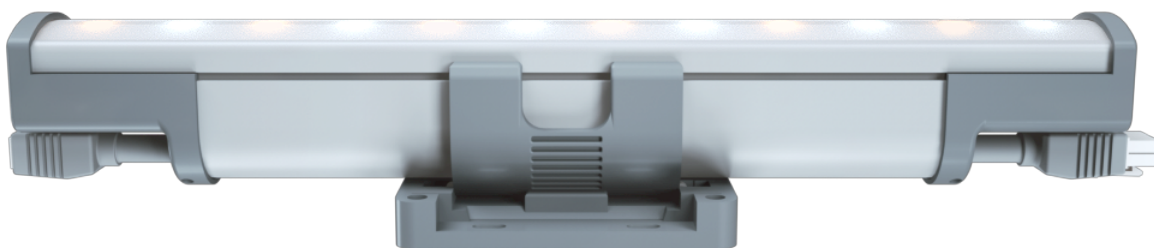


Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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

Type: \_\_\_\_\_ PO#: \_\_\_\_\_ Quantity: \_\_\_\_\_

Notes: \_\_\_\_\_



### Specification Grade Premium Interior Cove Fixture.

MODA COVE Interior is a new patent pending cove lighting system designed for interior 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 2200K 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. 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.

PAGE

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

## PHYSICAL

Dimensions	L: 1ft (306mm)	W: 2 1/2in(72mm)
	L: 4ft (1.21m)	H: 2 5/16in(60mm)
Applications	Cove, Accent & Indirect General Illumination	
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens	
Ingress Protection	Dry/Damp Location IP44	
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 - 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 WHITE**<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**AIRFLOW**<sup>™</sup>

moda**COMMUNICATE**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>



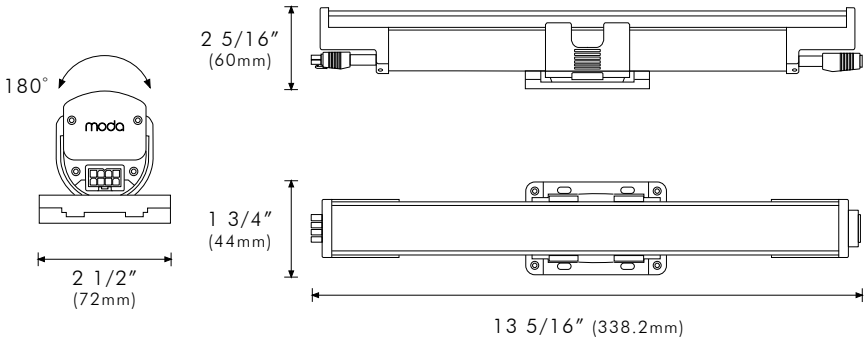
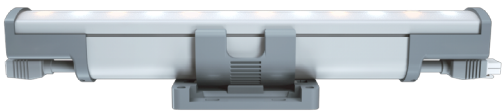
RoHS ✓



**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	682.23 - 791.00	97	68.22 - 79.10
HO	1058.00 - 1203.47	97	105.80 - 120.34
HO+	1224.85 - 1393.26	97	122.48 - 129.32

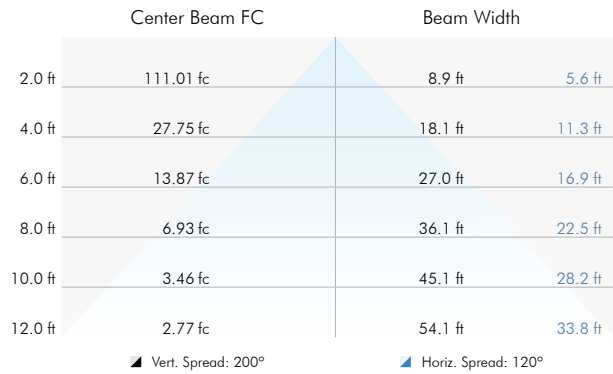
Power Consumption

120-277V AC 10W

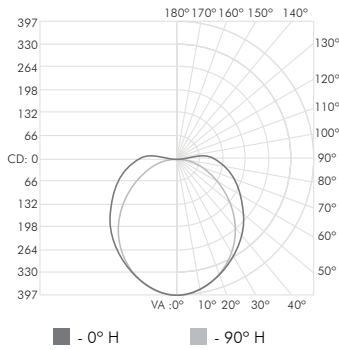
Max Run Lengths

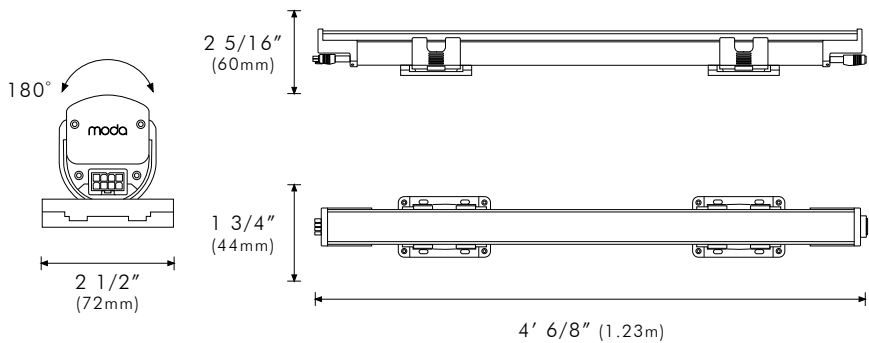
120-277V AC 80ft

Illuminance at a Distance



Polar Candela Distribution





DMX

	Lumens	CRI	Efficacy
SO	2749.38 - 3187.73	97	68.73 - 79.69
HO	4263.74 - 4849.98	97	106.59 - 121.24
HO+	4936.14 - 5614.83	97	123.40 - 140.37

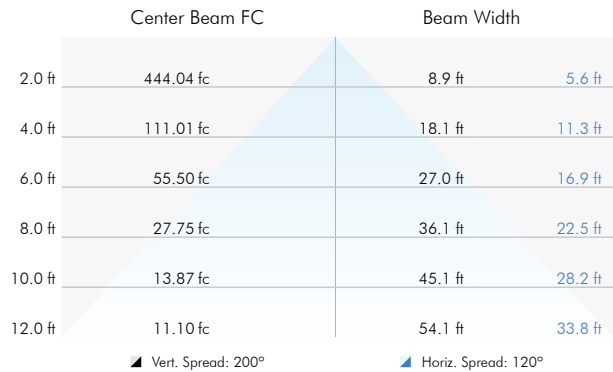
Power Consumption

120-277V AC 40W

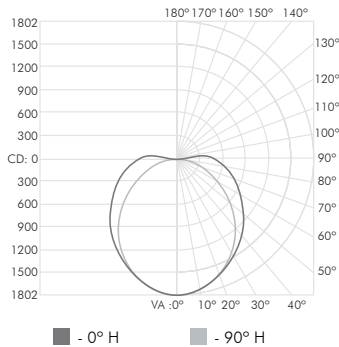
Max Run Lengths

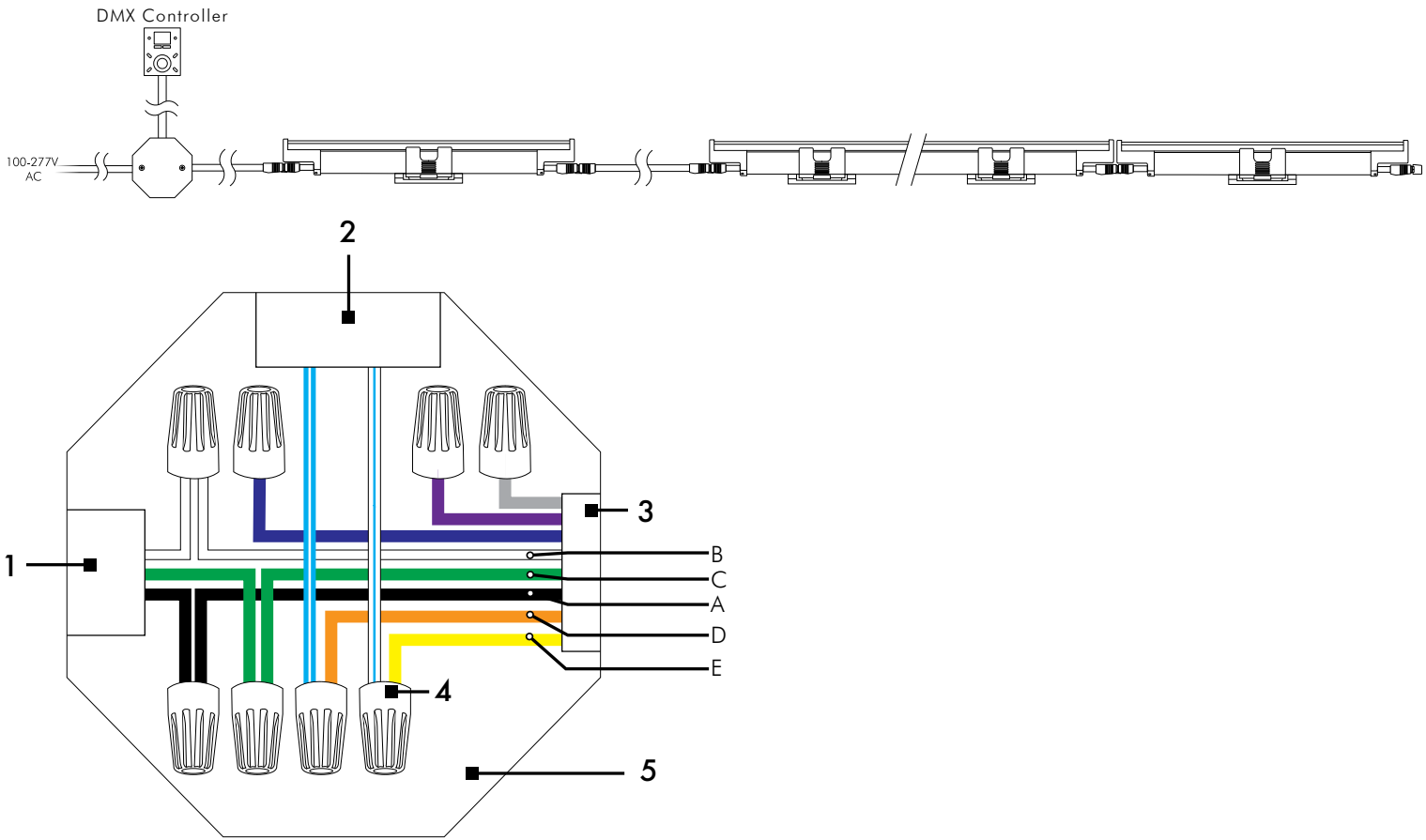
120-277V AC 80ft

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

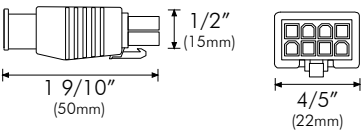
8 Pin Leader Cable

	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

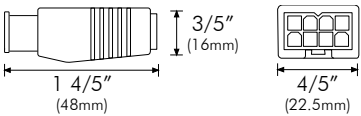
\*Not illustrated

DMX Connectors

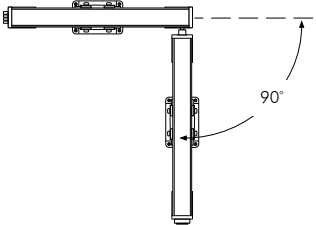
Male Output



Female Output



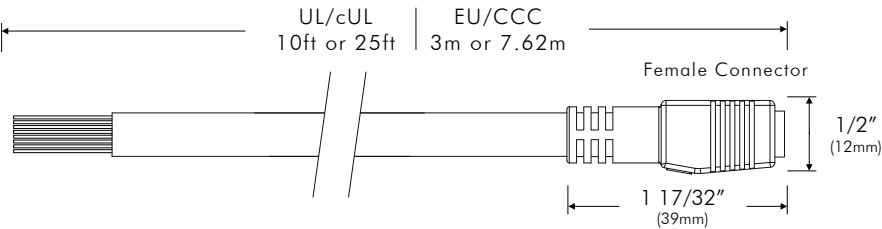
Angle Adjustment



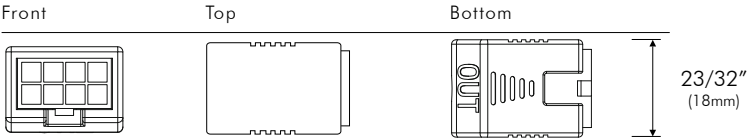
DMX LEADER CABLES

Moda Cove Interior 8 Pin Leader Cables

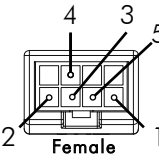
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 7.62m
Color	Gray	Gray



Female Connector



Pin Assignment

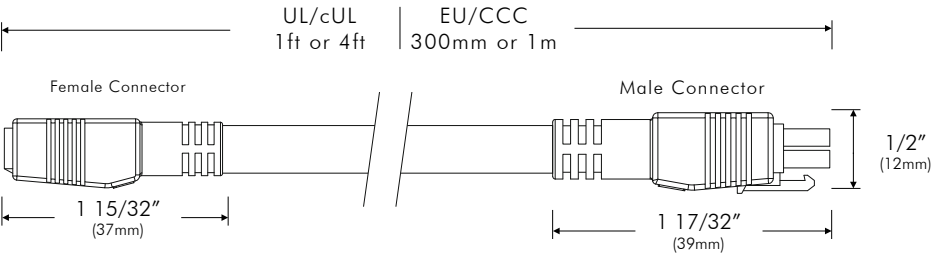


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

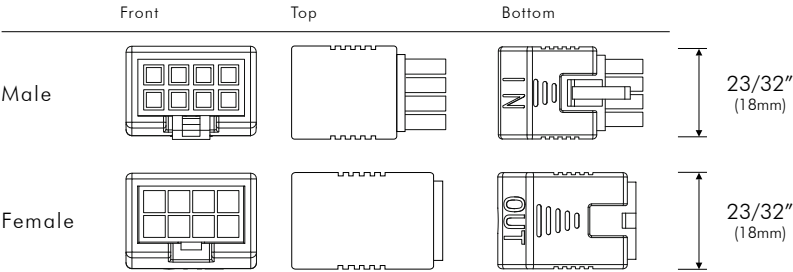
DMX JUMPER CABLES

Moda Cove Interior 8 Pin Jumper Cables

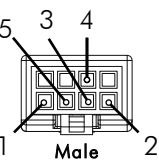
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Gray	Gray



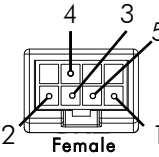
Connectors



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
4	DMX Positive	Orange	Orange
5	DMX Negative	Yellow	Yellow

FIXTURE		SKU
1 FT	Moda Cove Interior Standard Output Silver Dynamic White 22K-65K HCRI 1FT	MCI-SO-S1-S-DW-1
	Moda Cove Interior High Output Silver Dynamic White 22K-65K HCRI 1FT	MCI-HO-S1-S-DW-1
	Moda Cove Interior High Output Plus Silver Dynamic White 22K-65K HCRI 1FT	MCI-HOP-S1-S-DW-1
4 FT	Moda Cove Interior Standard Output Silver Dynamic White 22K-65K HCRI 4FT	MCI-SO-S1-S-DW-4
	Moda Cove Interior High Output Silver Dynamic White 22K-65K HCRI 4FT	MCI-HO-S1-S-DW-4
	Moda Cove Interior High Output Plus Silver Dynamic White 22K-65K HCRI 4FT	MCI-HOP-S1-S-DW-4

ACCESSORIES	DESCRIPTION	SKU
Leader Cable US 8 Pin 10ft	Power to first fixture of run	MLCI-US-8PIN-G-10FT
Leader Cable US 8 Pin 25ft	Power to first fixture of run	MLCI-US-8PIN-G-25FT
Jumper Cable US 8 Pin 1ft	Connection between fixtures	MJCI-US-8PIN-G-1FT
Jumper Cable US 8 Pin 4ft	Connection between fixtures	MJCI-US-8PIN-G-4FT
Leader Cable EU 8 Pin 3m	Power to first fixture of run	MLCI-EU-8PIN-G-3M
Leader Cable EU 8 Pin 7.62m	Power to first fixture of run	MLCI-EU-8PIN-G-7.62M
Jumper Cable EU 8 Pin 300mm	Connection between fixtures	MJCI-EU-8PIN-G-300MM
Jumper Cable EU 8 Pin 1m	Connection between fixtures	MJCI-EU-8PIN-G-1M
Terminator 8 Pin	Must be fixed to last fixture for safety	MTI-8PIN-G
Interior Bracket Lock	Holds fixture in place for vertical installations	MCGI-BL-G
Belden Shielded Cable 500 FT	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-500FT
Belden Shielded Cable 1000 FT	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-1000FT