

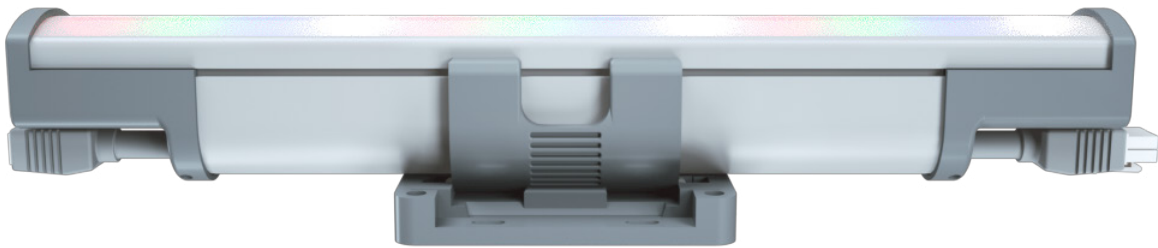
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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. 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, 50/60Hz 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.

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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	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	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**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**KWIK CONNECT**<sup>™</sup>



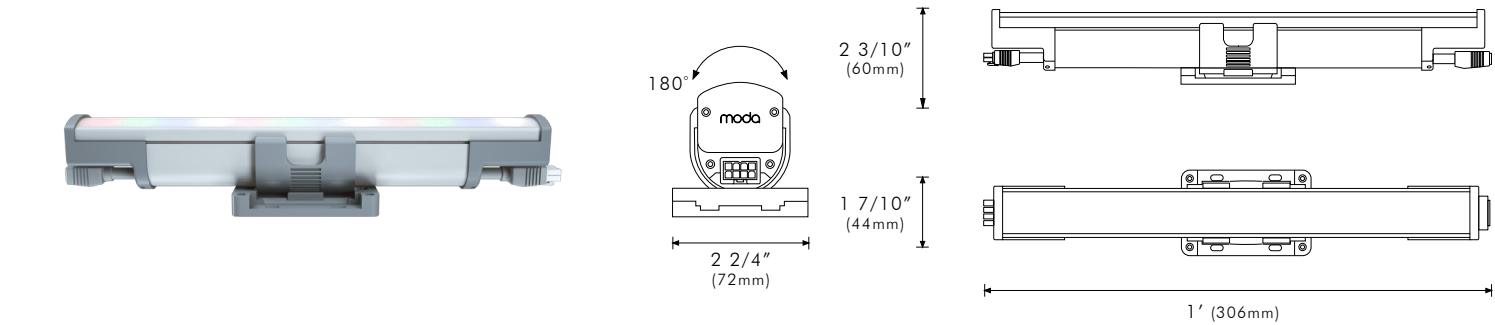
RoHS ✓



**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

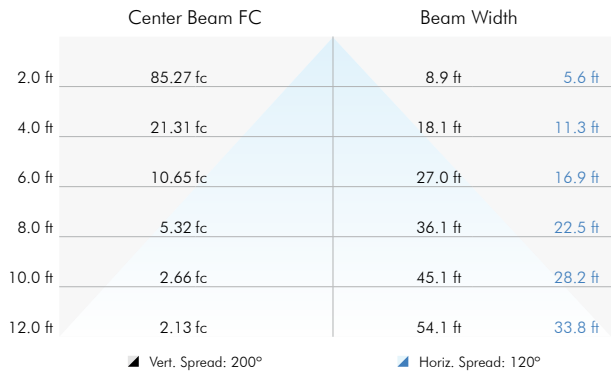


DMX

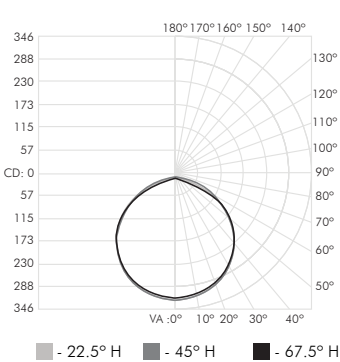
	Lumens	CRI	Efficacy
RGB27K	867	97	86.70
RGB3K	897	97	89.70
RGB35K	909	97	90.90
RGB4K	921	97	92.10

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

Illuminance at a Distance

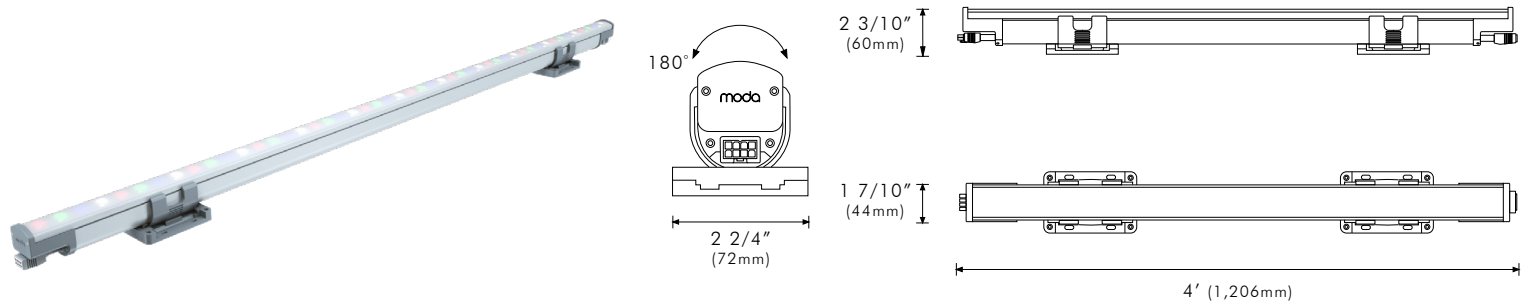


Polar Candela Distribution



ORDERING

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



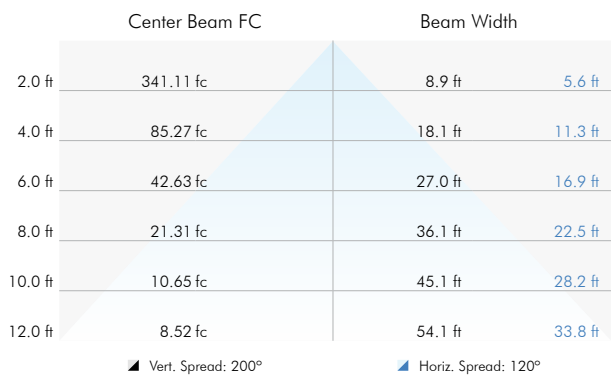
DMX

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

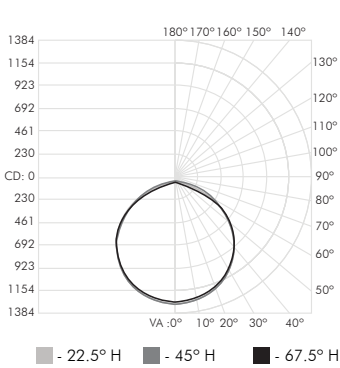
  

Power Consumption	Max Run Length	
100-277V AC	120V AC	277V AC
40w	80ft	80ft

Illuminance at a Distance

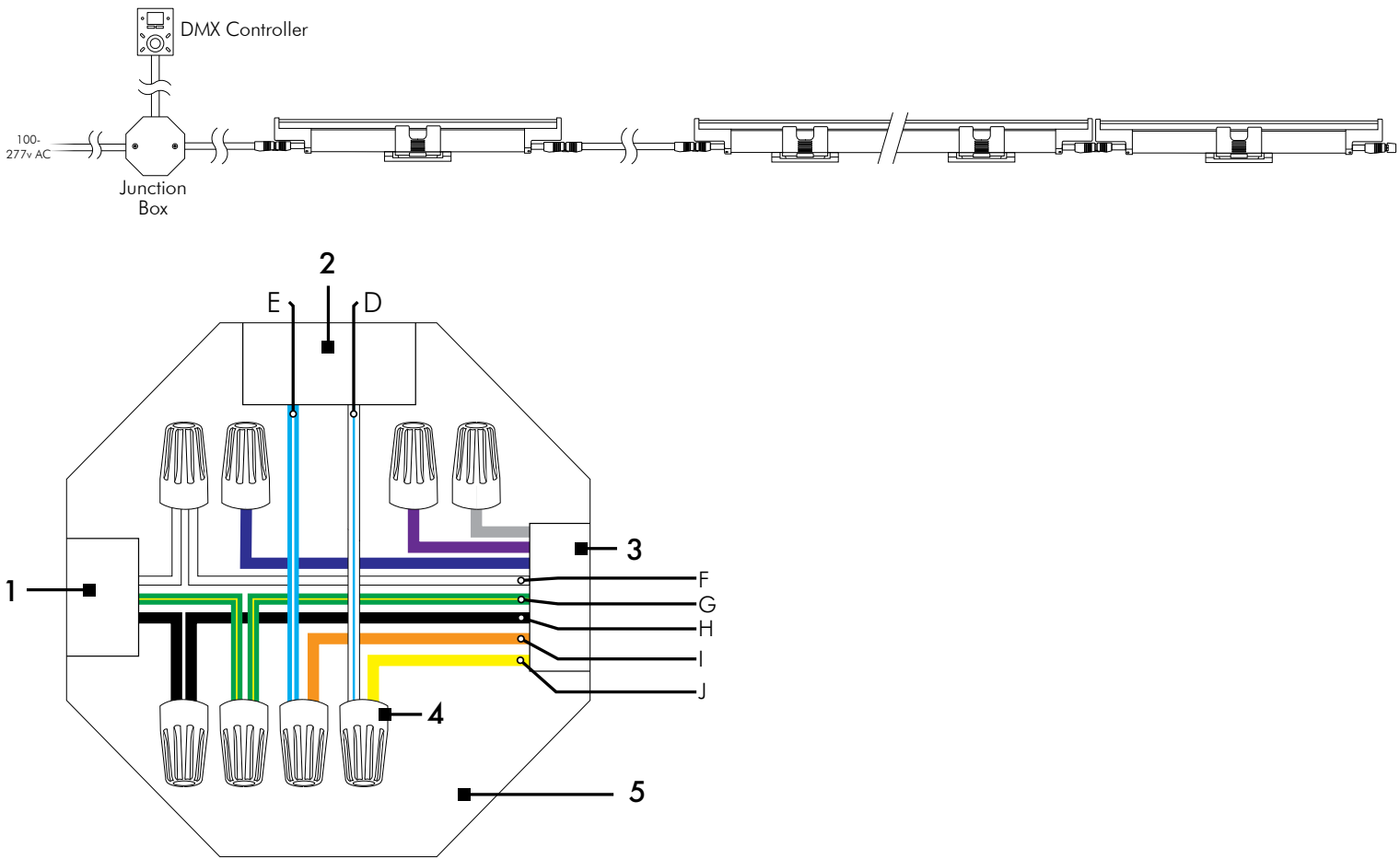


Polar Candela Distribution



ORDERING

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



Wiring Legend

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

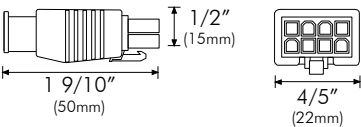
8 Pin Leader Cable

	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

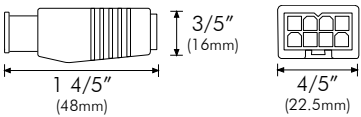
\*not illustrated

DMX Connectors

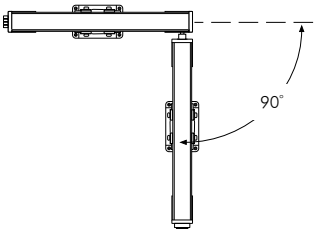
Male Output



Female Output



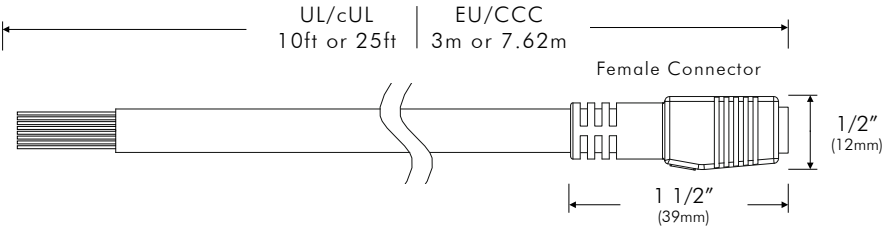
Angle Adjustment



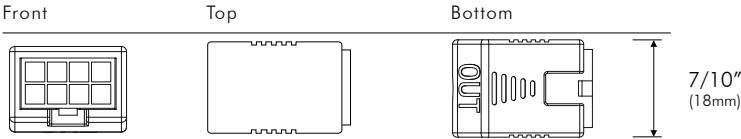
DMX

Moda Cove Interior 8 Pin Leader Cables

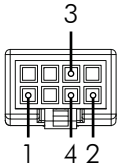
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 7.62m
Color	Gray	Gray



Female Connector



Pin Assignment

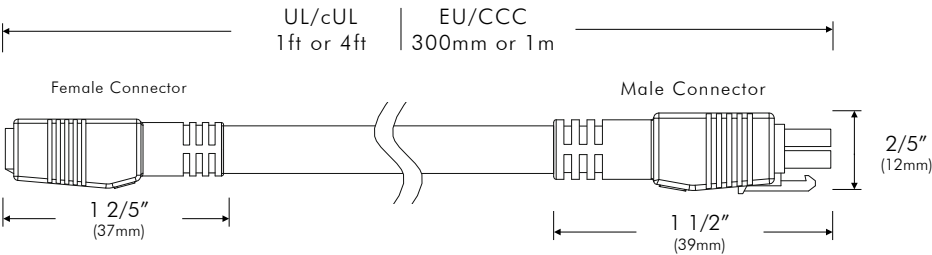


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

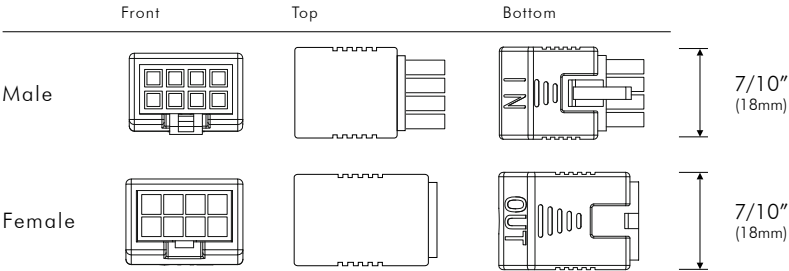
DMX

Moda Cove Interior 8 Pin Jumper Cables

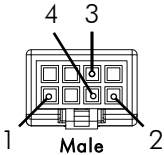
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Gray	Gray



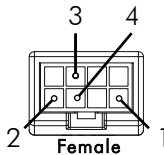
Connectors



Pin Assignment



		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	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 10ft	MLCI-US-8PIN-G-10FT	Power to first fixture of run
Leader Cable US 8 Pin 25ft	MLCI-US-8PIN-G-25FT	Power to first fixture of run
Jumper Cable US 8 Pin 1ft	MJCI-US-8PIN-G-1FT	Connection between fixtures
Jumper Cable US 8 Pin 4ft	MJCI-US-8PIN-G-4FT	Connection between fixtures
Leader Cable EU 8 Pin 3m	MLCI-EU-8PIN-G-3M	Power to first fixture of run
Leader Cable EU 8 Pin 7.62m	MLCI-EU-8PIN-G-7.62M	Power to first fixture of run
Jumper Cable EU 8 Pin 300mm	MJCI-EU-8PIN-G-300MM	Connection between fixtures
Jumper Cable EU 8 Pin 1m	MJCI-EU-8PIN-G-1M	Connection between fixtures
Terminator 8 Pin	MTI-8PIN-G	Must be fixed to last fixture for safety
Interior Bracket Lock	MCGI-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