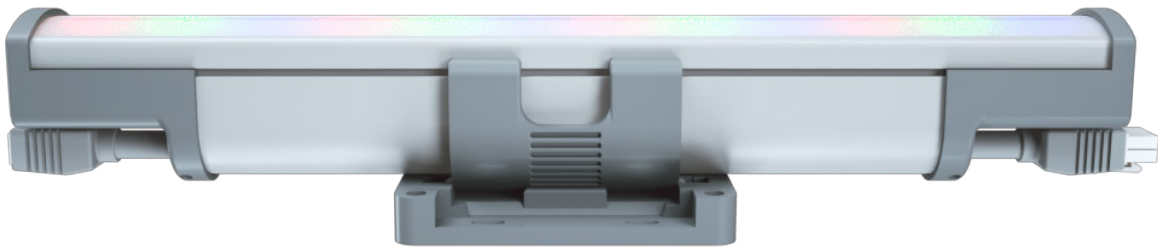Client: _____   Project Name: _____

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. 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.

moda**LIGHT**®
S P E C I F I C A T I O N

PAGE

moda**LIGHT** ®
S P E C I F I C A T I O N

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	N/A
Color Bin Tolerance	Single Bin
Wavelength	Variable for RGB
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**™

moda**DIM**™

moda**COMMUNICATE**™

moda**THERMAL MANAGEMENT**™

moda**DRIVER**™

moda**PHOSPHOR**™

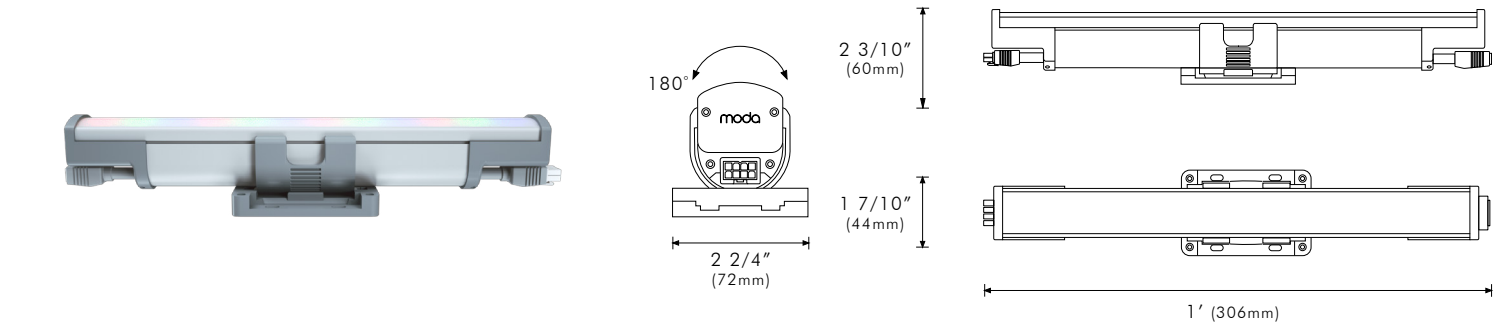moda**BIN**™

moda**KWIK CONNECT**™

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

moda**LIGHT**®
S P E C I F I C A T I O N

2 3/10"
(60mm)

180°

1 7/10"
(44mm)

2 2/4"
(72mm)

1' (306mm)

DMX

Lumens	Efficacy
812	81.20

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

ORDERING

MCI-HO-S1-S-RGB-1

Illuminance at a Distance

	Center Beam FC	Beam Width	
2.0 ft	75.18 fc	8.9 ft	5.6 ft
4.0 ft	18.80 fc	18.1 ft	11.3 ft
6.0 ft	9.40 fc	27.0 ft	16.9 ft
8.0 ft	4.70 fc	36.1 ft	22.5 ft
10.0 ft	2.34 fc	45.1 ft	28.2 ft
12.0 ft	1.87 fc	54.1 ft	33.8 ft

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

Polar Candela Distribution

180° 170° 160° 150° 140°
305 254 203 152 101 50 CD: 0 50 101 152 203 254 305
130° 120° 110° 100° 90° 80° 70° 60° 50°
VA :0° 10° 20° 30° 40°

☐ - 22.5° H   ■ - 45° H   ■ - 67.5° H

2 3/10"
(60mm)

180°

1 7/10"
(44mm)

2 2/4"
(72mm)

4' (1,206mm)
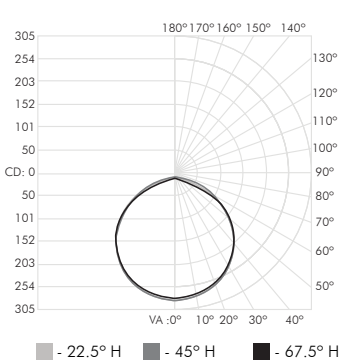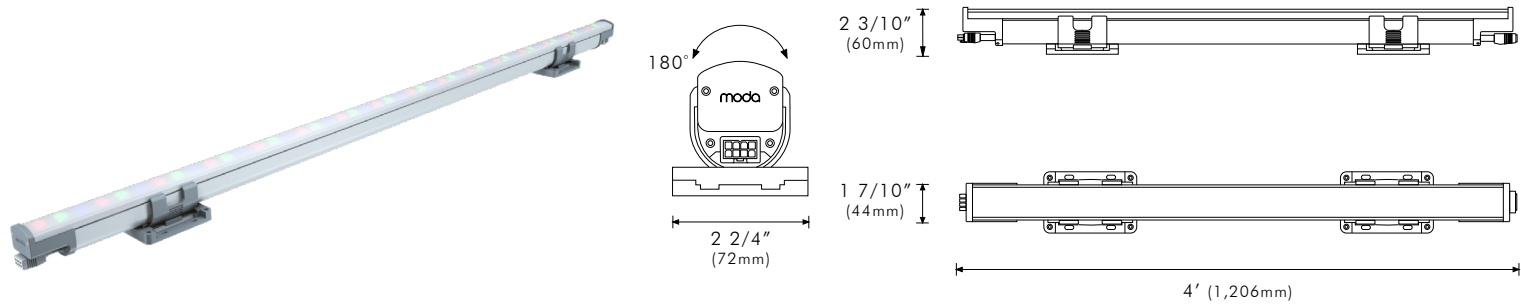
DMX

Lumens	Efficacy
3248	81.20

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

ORDERING

MCI-HO-S1-S-RGB-4

Illuminance at a Distance

	Center Beam FC	Beam Width	
2.0 ft	300.74 fc	8.9 ft	5.6 ft
4.0 ft	75.18 fc	18.1 ft	11.3 ft
6.0 ft	37.60 fc	27.0 ft	16.9 ft
8.0 ft	18.80 fc	36.1 ft	22.5 ft
10.0 ft	9.40 fc	45.1 ft	28.2 ft
12.0 ft	7.51 fc	54.1 ft	33.8 ft

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

Polar Candela Distribution

180°170°160° 150° 140°
130°
120°
110°
100°
1221
1017
814
610
407
203
CD: 0 — 90°
203
407 80°
610 70°
814 60°
1017 50°
1221

VA :0° 10° 20° 30° 40°

■ - 22.5° H   ■ - 45° H   ■ - 67.5° H

moda LIGHT ®
SPECIFICATION

DMX Controller

100-277v AC

Junction Box

2

E | D

1

3

F
G
H
I
J

4

5
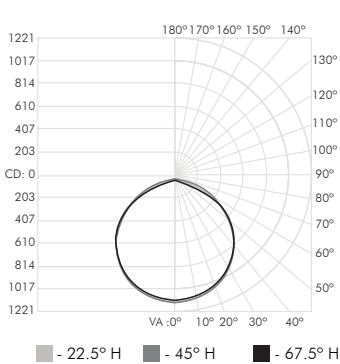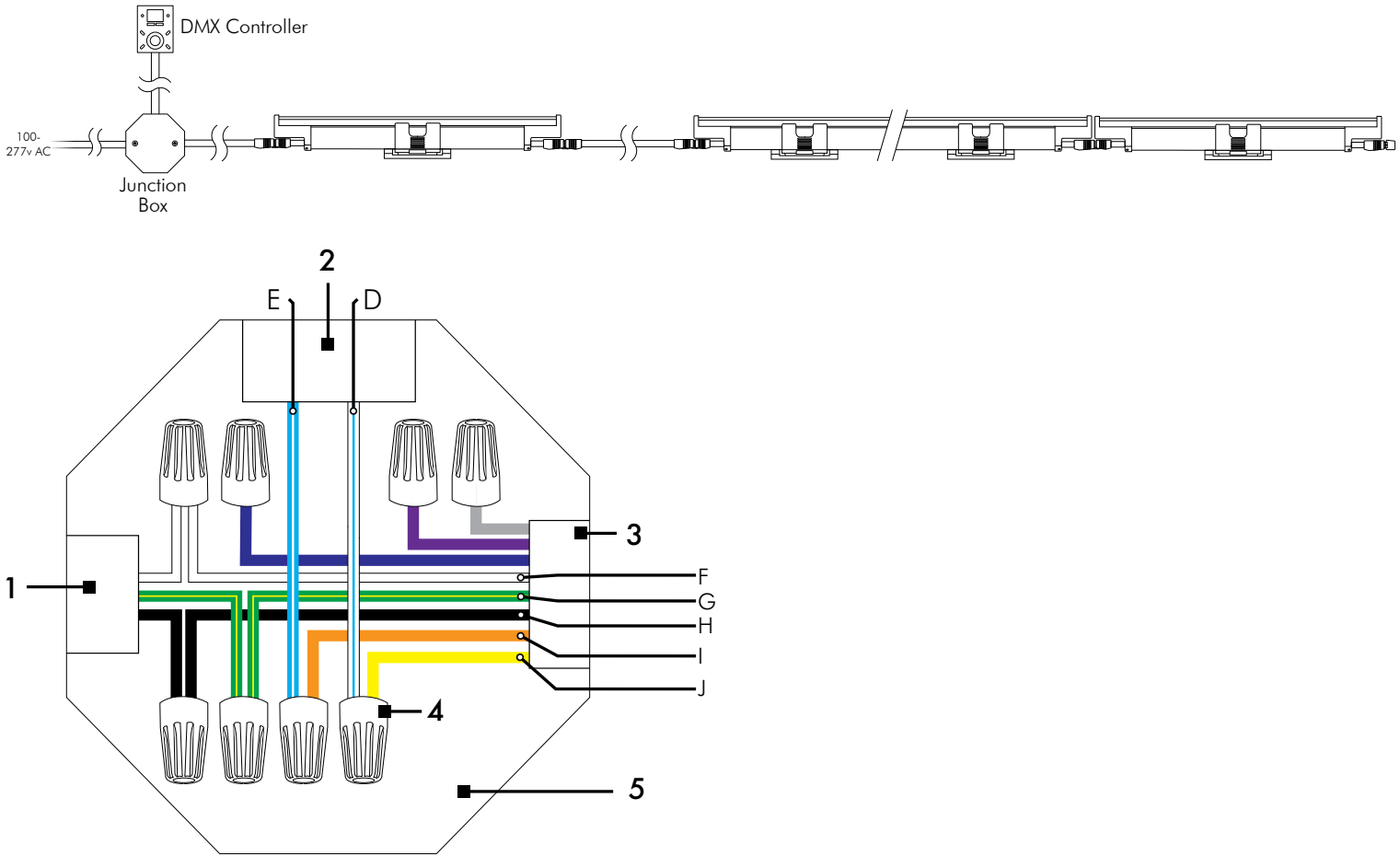
Wiring Legend

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

1/2" (15mm)

1 9/10" (50mm)

4/5" (22mm)

Female Output

3/5" (16mm)

1 4/5" (48mm)

4/5" (22.5mm)

Angle Adjustment

90°

moda**LIGHT**®
SPECIFICATION

DMX
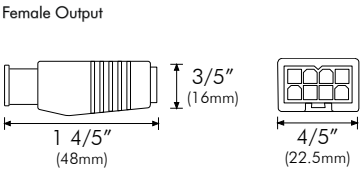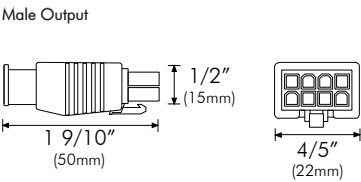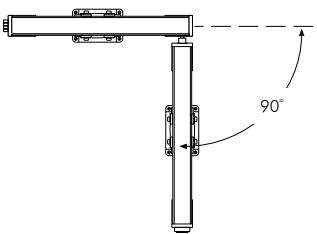
Moda Cove Interior 8 Pin Leader Cables

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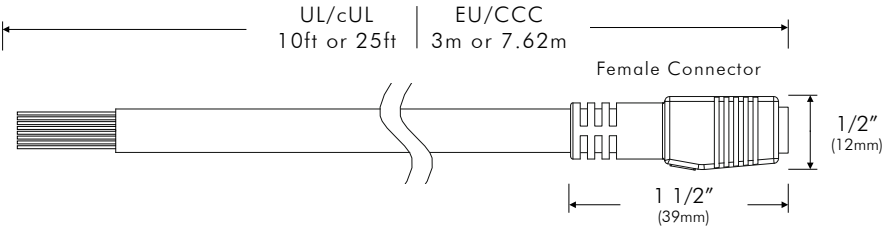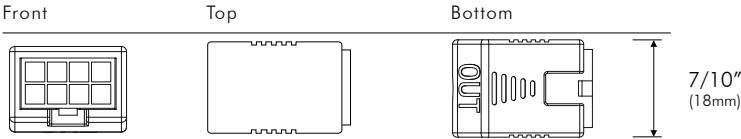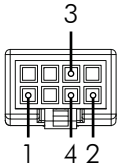
UL/cUL
10ft or 25ft | EU/CCC
3m or 7.62m

Female Connector

1/2"
(12mm)

1 1/2"
(39mm)

Female Connector

Front   Top   Bottom

7/10"
(18mm)

OUT

Pin Assignment

3

1   4 2

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

modaLIGHT®
SPECIFICATION

DMX

Moda Cove Interior 8 Pin Jumper Cables

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

UL/cUL 1ft or 4ft | EU/CCC 300m or 1m

Female Connector

Male Connector

2/5" (12mm)

1 2/5" (37mm)

1 1/2" (39mm)

Connectors

	Front	Top	Bottom	
Male			IN	7/10" (18mm)
Female			OUT	7/10" (18mm)

Pin Assignment

4 3

1 Male 2

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

3 4

2 Female 1

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

moda**LIGHT** ®
S P E C I F I C A T I O N
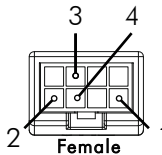
NAME	SKU	DESCRIPTION
Leader Cable US 8 Pin 10ft	MLCI-US-8PIN-G-10FT	Power to first fixture of run
Leader Cable US 8 Pin 25ft	MLCI-US-8PIN-G-25FT	Power to first fixture of run
Jumper Cable US 8 Pin 1ft	MJCI-US-8PIN-G-1FT	Connection between fixtures
Jumper Cable US 8 Pin 4ft	MJCI-US-8PIN-G-4FT	Connection 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