

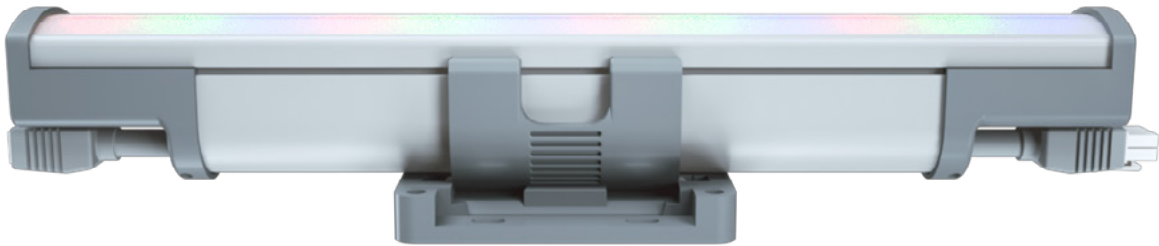
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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

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

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

\_\_\_\_\_



#### Specification Grade Premium Interior Graze Fixture.

MODA GRAZE 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.

PAGE

3	FEATURES
4	1 FOOT
5	4 FOOT
6	OPTIC FLEXIBILITY
7	OPTIC FLEXIBILITY CONTINUED
8	DMX WIRING
9	ACCESSORIES: CABLES
10	FIXTURES & ACCESSORIES

## PHYSICAL

Dimensions	L: 1ft 15/32in (316.85mm) W: 2 3/8in(60.40mm) L: 3ft 11 3/8in (1.20m) H: 2 3/8in(60mm)
Applications	Graze, 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	Zero Bin
Wavelength	Variable for RGB
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**DMX**<sup>™</sup>

moda**DRIVER**<sup>™</sup>

moda**ZERO BIN**<sup>™</sup>

moda**OPTIC**<sup>™</sup>

moda**LINEAR OPTIC**<sup>™</sup>

moda**THERMAL MANAGEMENT**<sup>™</sup>

moda**AIRFLOW**<sup>™</sup>

moda**COMMUNICATE**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>



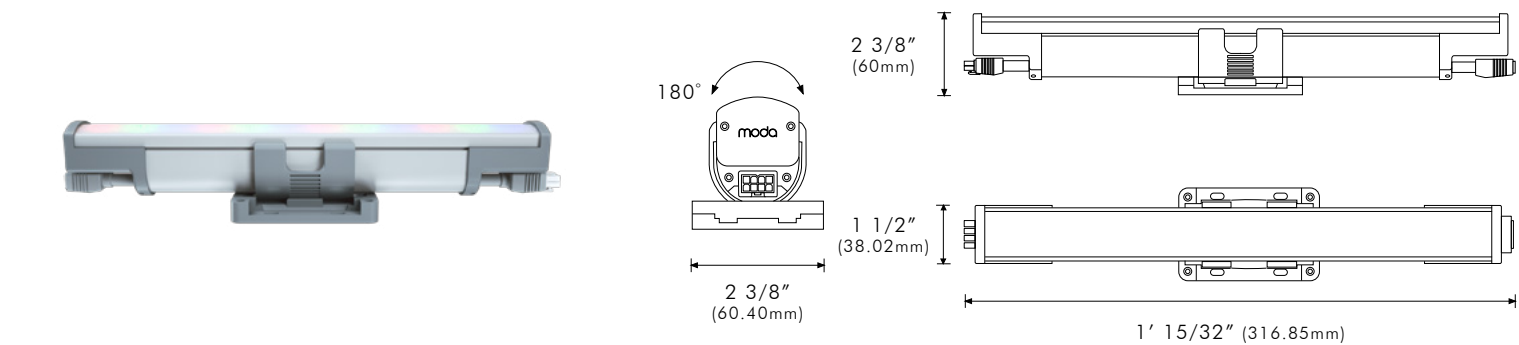
RoHS ✓



**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

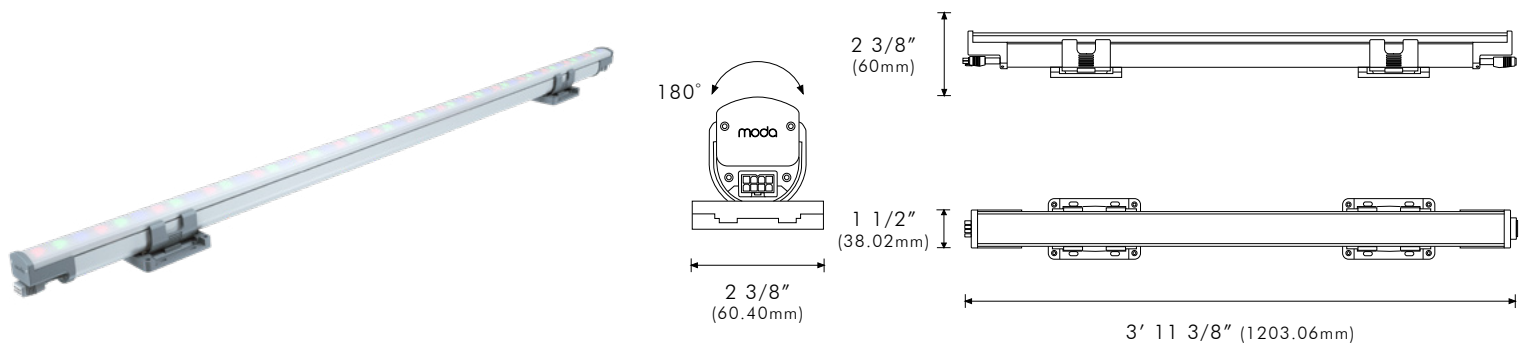
**Warranty** 3 Year Limited Warranty



DMX

Optic	Lumens	Efficacy
6°	962	96.20
10°	950	95.00
25°	936	93.60
40°	926	92.60
10° x 40°	917	91.70
30° x 60°	914	91.40
30° x 60° x 5°	912	91.20

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

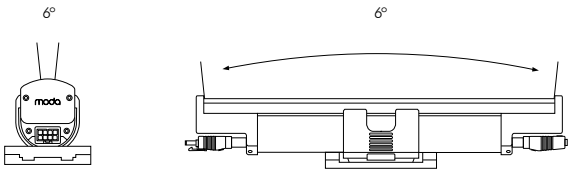


DMX

Optic	Lumens	Efficacy
6°	3398	84.95
10°	3386	84.65
25°	3372	84.30
40°	3362	84.05
10° x 40°	3353	83.82
30° x 60°	3350	83.75
30° x 60° x 5°	3348	83.70

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

6° Beam Angle



Polar Candela Distribution

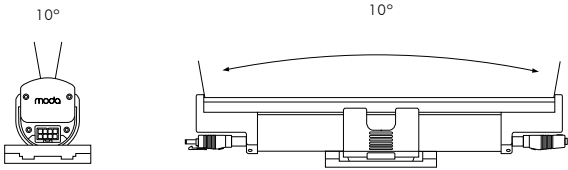


Illuminance at a Distance

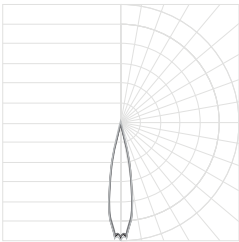
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	50.73 fc	179.21 fc	0.3 ft	0.2 ft
4.0 ft	12.68 fc	44.80 fc	0.7 ft	0.6 ft
6.0 ft	6.34 fc	22.40 fc	1.1 ft	1.0 ft
8.0 ft	3.17 fc	11.20 fc	1.5 ft	1.4 ft
10.0 ft	1.58 fc	5.60 fc	2.0 ft	1.9 ft
12.0 ft	1.26 fc	4.48 fc	2.4 ft	2.3 ft

■ Vert. Spread: 6°      ■ Horiz. Spread: 6°

10° Beam Angle



Polar Candela Distribution

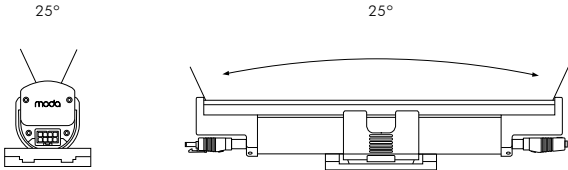


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	41.37 fc	147.47 fc	0.4 ft	0.3 ft
4.0 ft	10.34 fc	36.86 fc	0.8 ft	0.7 ft
6.0 ft	5.17 fc	18.43 fc	1.2 ft	1.1 ft
8.0 ft	2.58 fc	9.21 fc	1.6 ft	1.5 ft
10.0 ft	1.29 fc	4.60 fc	2.1 ft	2.0 ft
12.0 ft	1.03 fc	3.68 fc	2.5 ft	2.4 ft

■ Vert. Spread: 10°      ■ Horiz. Spread: 10°

25° Beam Angle



Polar Candela Distribution

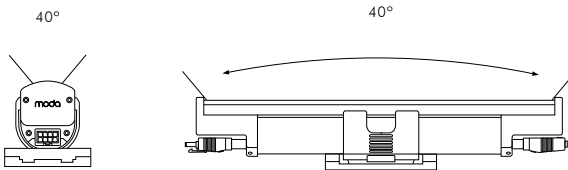


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	25.31 fc	91.18 fc	0.5 ft	0.5 ft
4.0 ft	6.32 fc	22.79 fc	1.0 ft	1.0 ft
6.0 ft	3.16 fc	11.39 fc	1.5 ft	1.6 ft
8.0 ft	1.58 fc	5.69 fc	2.0 ft	2.2 ft
10.0 ft	0.79 fc	2.84 fc	2.5 ft	2.7 ft
12.0 ft	0.63 fc	2.27 fc	3.0 ft	3.2 ft

■ Vert. Spread: 25°      ■ Horiz. Spread: 25°

40° Beam Angle



Polar Candela Distribution

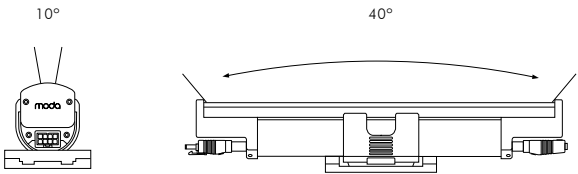


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	11.53 fc	41.86 fc	1.0 ft	0.8 ft
4.0 ft	2.88 fc	10.46 fc	1.9 ft	1.5 ft
6.0 ft	1.44 fc	5.23 fc	2.8 ft	2.4 ft
8.0 ft	0.72 fc	2.61 fc	3.8 ft	3.2 ft
10.0 ft	0.36 fc	1.30 fc	4.8 ft	4.0 ft
12.0 ft	0.28 fc	1.04 fc	5.7 ft	4.7 ft

■ Vert. Spread: 40°      ■ Horiz. Spread: 40°

10°x40° Beam Angle



Polar Candela Distribution

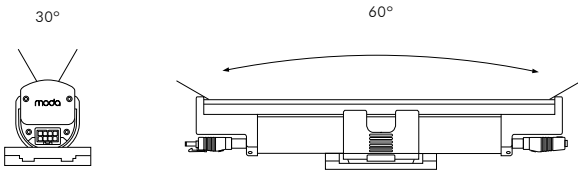


Illuminance at a Distance

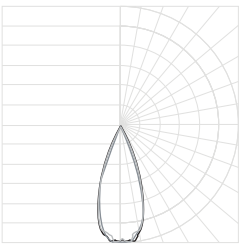
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	28.76 fc	105.71 fc	0.7 ft	0.5 ft
4.0 ft	7.19 fc	26.29 fc	1.5 ft	1.0 ft
6.0 ft	3.59 fc	13.14 fc	2.2 ft	1.4 ft
8.0 ft	1.79 fc	6.57 fc	3.0 ft	1.9 ft
10.0 ft	0.89 fc	3.28 fc	4.6 ft	2.4 ft
12.0 ft	0.71 fc	2.62 fc	4.4 ft	3.0 ft

■ Vert. Spread: 10°      ▲ Horiz. Spread: 40°

30°x60° Beam Angle



Polar Candela Distribution

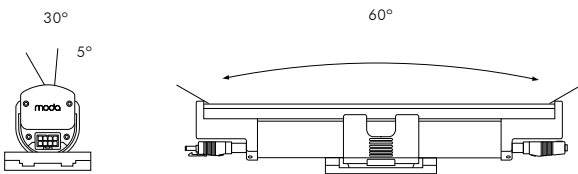


Illuminance at a Distance

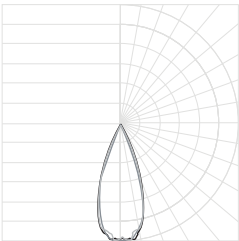
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	73.12 fc	268.00 fc	1.3 ft	2.0 ft
4.0 ft	18.28 fc	67.00 fc	3.1 ft	4.7 ft
6.0 ft	9.14 fc	33.50 fc	4.0 ft	6.6 ft
8.0 ft	4.57 fc	16.75 fc	5.8 ft	9.3 ft
10.0 ft	2.28 fc	8.37 fc	7.0 ft	11.2 ft
12.0 ft	1.82 fc	6.70 fc	9.0 ft	14.0 ft

■ Vert. Spread: 30°      ▲ Horiz. Spread: 60°

30°x60°x5° Beam Angle



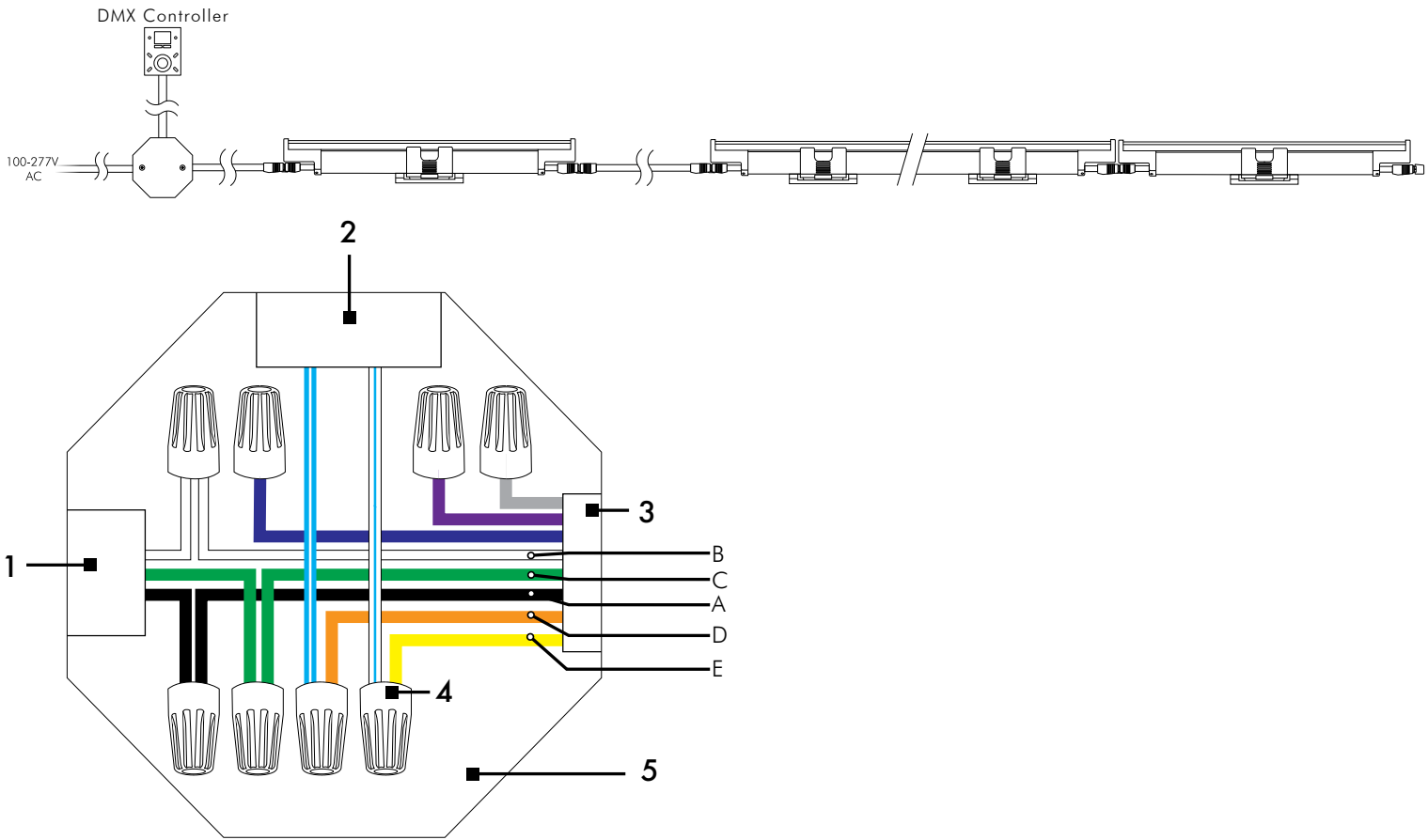
Polar Candela Distribution



Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	10.59 fc	38.90 fc	1.3 ft	0.3 ft
4.0 ft	2.64 fc	9.72 fc	2.6 ft	0.9 ft
6.0 ft	1.32 fc	4.86 fc	3.9 ft	1.3 ft
8.0 ft	0.66 fc	2.43 fc	5.2 ft	1.6 ft
10.0 ft	0.33 fc	1.21 fc	6.5 ft	1.9 ft
12.0 ft	0.26 fc	0.97 fc	7.8 ft	2.6 ft

■ Vert. Spread: 30°      ▲ Horiz. Spread: 60°



Wiring Legend

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

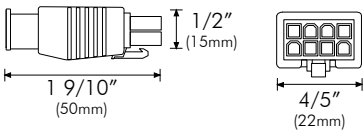
8 Pin Leader Cable

		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

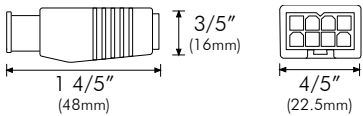
\*Not illustrated

DMX Connectors

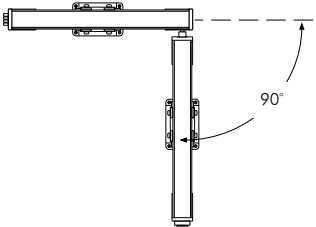
Male Output



Female Output



Angle Adjustment

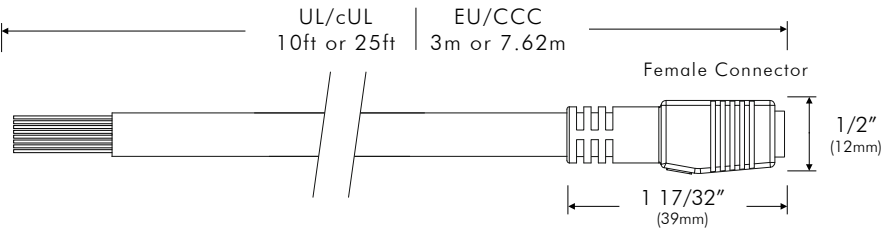




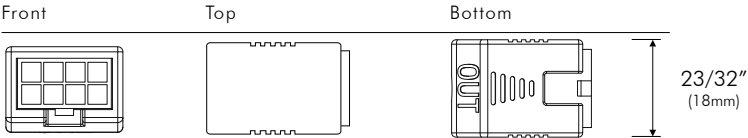
DMX LEADER CABLES

Moda Cove Interior 8 Pin Leader Cables

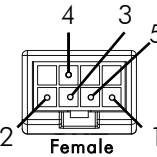
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 7.62m
Color	Gray	Gray



Female Connector



Pin Assignment

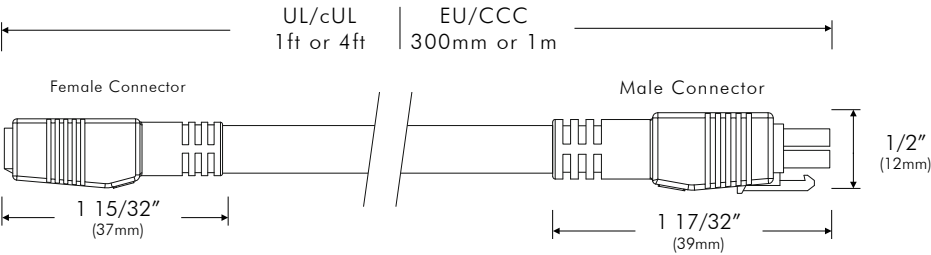


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

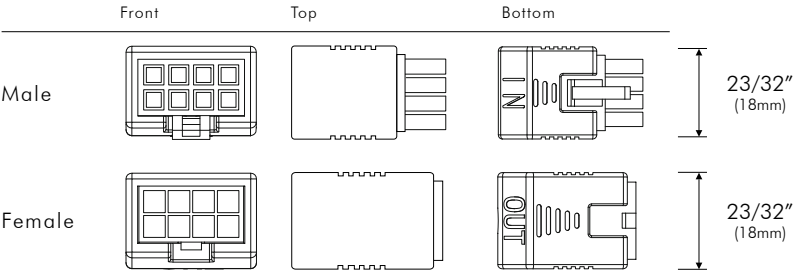
DMX JUMPER CABLES

Moda Cove Interior 8 Pin Jumper Cables

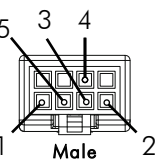
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Gray	Gray



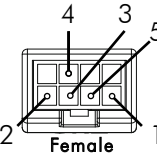
Connectors



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

MGI - HO - S1 - RGB - -



COMPLETE SKU SAMPLE: MGI-HO-S1-RGB-4-25

**A - FIXTURE & LOCATION**

MGI	—	Moda Graze Interior
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**B - LIGHT OUTPUT**

HO	—	High Output
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**C - SERIES NUMBER**

S1	—	Series 1
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**D - LED COLOR**

RGB	—	Red, Green, Blue
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**E - LENGTH**

1	—	1FT
4	—	4FT

**F - OPTIC**

6	—	6° x 6°
10	—	10° x 10°
25	—	25° x 25°
40	—	40° x 40°
140	—	10° x 40°
360	—	30° x 60°
365	—	Forward Throw Asymmetric

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

CONTROLS	DESCRIPTION	ORDERING NUMBER	PART NUMBER
Kandi Touch	DMX 512 Controller	KND-TCH-B	250-0040
	Available in black and white	KND-TCH-W	250-0041

CONTROL ACCESSORIES	DESCRIPTION	ORDERING NUMBER	PART NUMBER
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