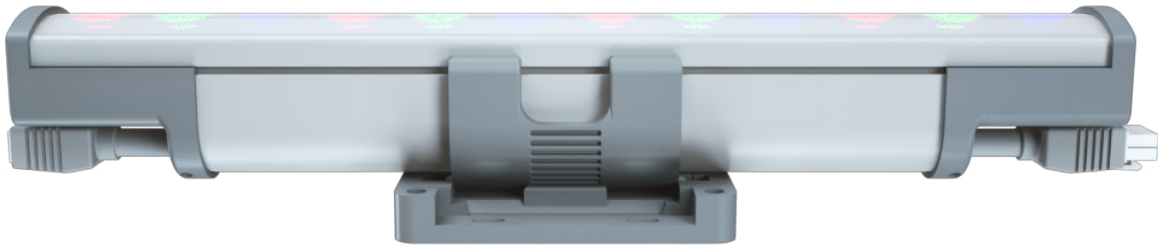


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO#: _____ Quantity: _____

Notes: _____



Specification Grade Premium Interior Graze Fixture.

MODA GRAZE Interior is a new patent pending wall grazing 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. Wall wash any applications with a choice of 6°, 10°, 25°, 40°, 10°x40°, 30°x60°, or 30°x60°x5° beam patterns for HO. 100-277V, 50/60Hz power input allows these fixtures to be installed anywhere in the world. New patent pending locking bracket rotates 180° 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: LEADER CABLES

10 ACCESSORIES: JUMPER CABLES

11 ACCESSORIES: SUMMARY

12 ITEM NUMBER

PHYSICAL

Lengths	1ft & 4ft sections available
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	6°, 10°, 25°, 40°, 10°x40°, 30°x60°, or 30°x60°x5° optic options
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**DMX**[™]

moda**COMMUNICATE**[™]

moda**THERMAL MANAGEMENT**[™]

moda**DRIVER**[™]

moda**PHOSPHOR**[™]

moda**BIN**[™]

moda**OPTIC**[™]

moda**KWIK CONNECT**[™]



RoHS ✓



Certification

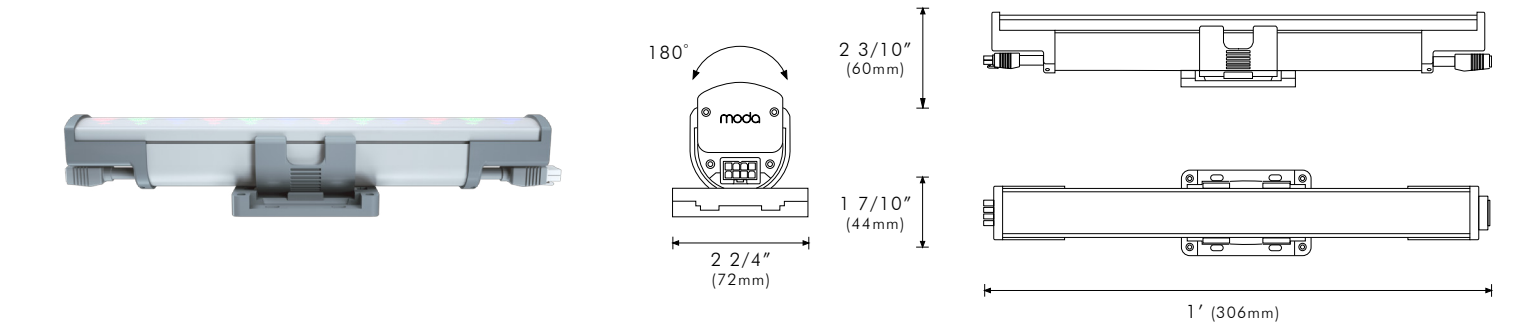
Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, C-Tick, RoHS, & WEEE Compliant.

Class

1

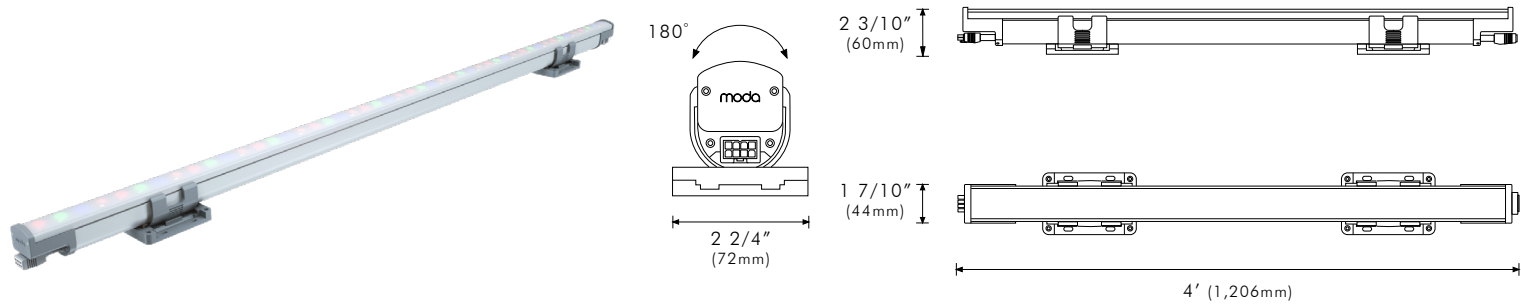
Warranty

3 Year Limited Warranty



DMX

Optic	Lumens	Efficacy	Power Consumption		Max Run Length	
			100-277V AC		120V AC	277V AC
6°	962	96.20	10w		80ft	80ft
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				

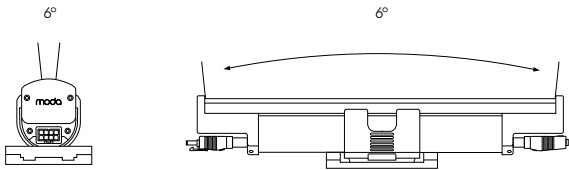


DMX

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

6° Beam Angle



Polar Candela Distribution

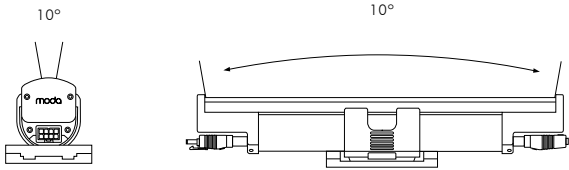


Illuminance at a Distance

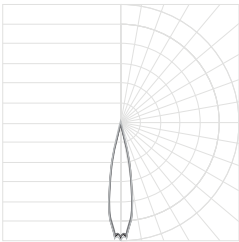
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	50.73 fc	179.21 fc	0.3 ft	0.2 ft
4.0 ft	12.68 fc	44.80 fc	0.7 ft	0.6 ft
6.0 ft	6.34 fc	22.40 fc	1.1 ft	1.0 ft
8.0 ft	3.17 fc	11.20 fc	1.5 ft	1.4 ft
10.0 ft	1.58 fc	5.60 fc	2.0 ft	1.9 ft
12.0 ft	1.26 fc	4.48 fc	2.4 ft	2.3 ft

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

10° Beam Angle



Polar Candela Distribution

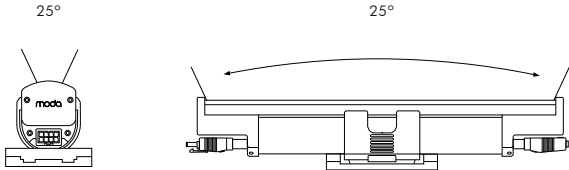


Illuminance at a Distance

	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

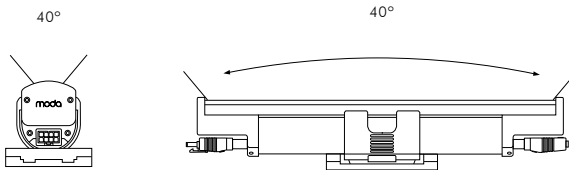


Illuminance at a Distance

	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

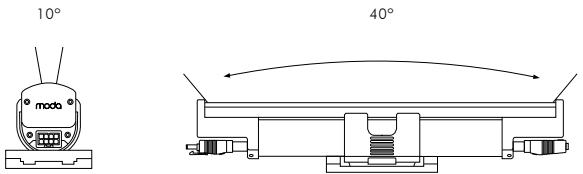


Illuminance at a Distance

	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



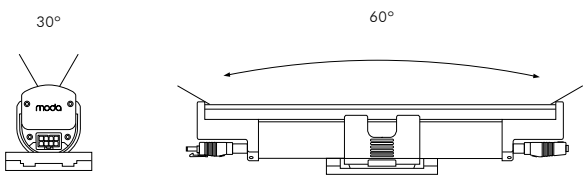
Illuminance at a Distance

	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

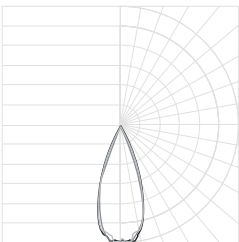
■ Vert. Spread: 10°

■ Horiz. Spread: 40°

30°x60° Beam Angle



Polar Candela Distribution



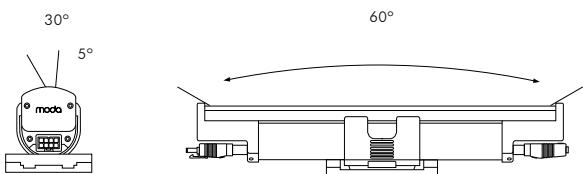
Illuminance at a Distance

	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

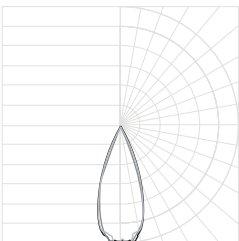
■ Vert. Spread: 30°

■ Horiz. Spread: 60°

30°x60°x5° Beam Angle



Polar Candela Distribution

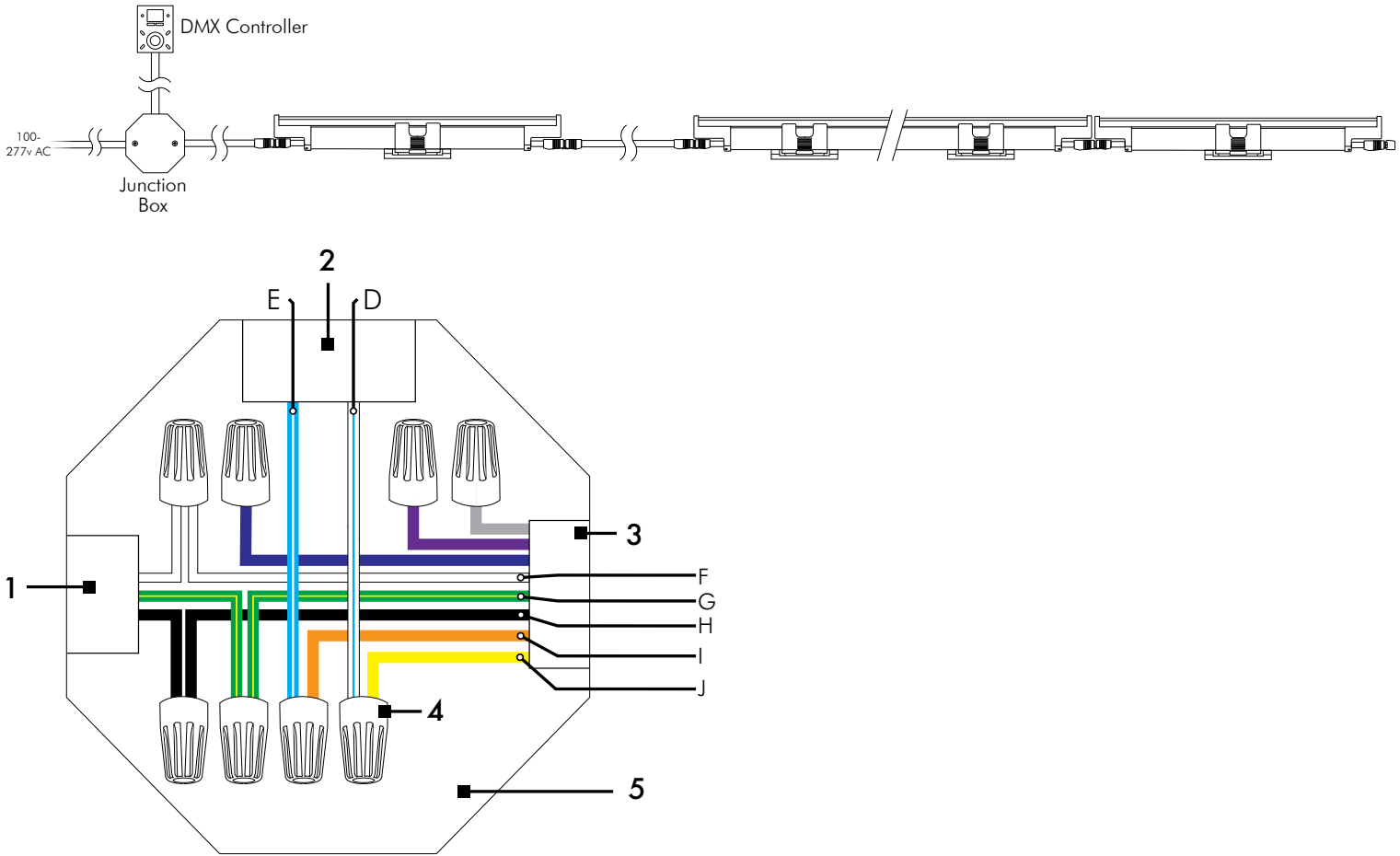


Illuminance at a Distance

	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
2	DMX Controller
3	8 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

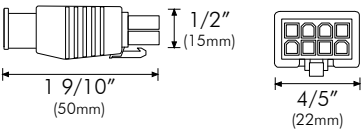
8 Pin Leader Cable

	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

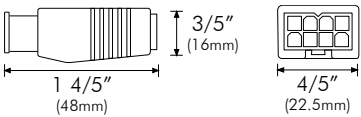
*not illustrated

DMX Connectors

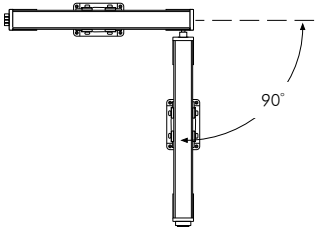
Male Output



Female Output



Angle Adjustment

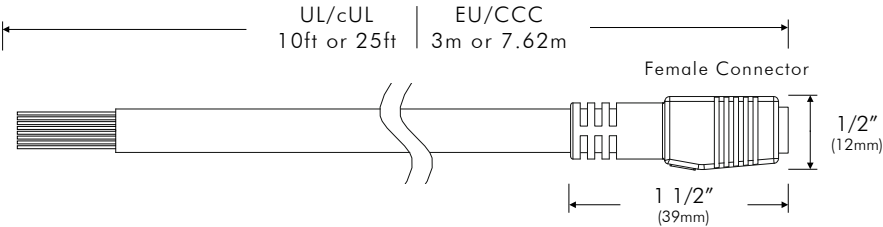


Due to continuous improvements and innovations, specifications may change without notice. Please refer to our website for current technical data. These figures are provided as a guideline only and may vary with differing power supplies and installations. All rights reserved. E&OE.

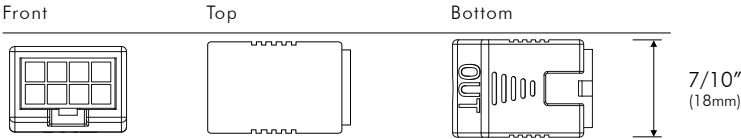
DMX

Moda Graze Interior 8 Pin Leader Cables

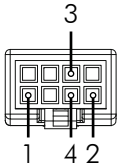
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 7.62m
Color	Gray	Gray



Female Connector



Pin Assignment

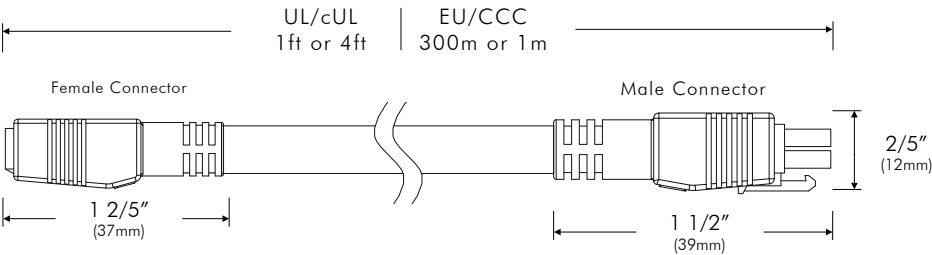


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

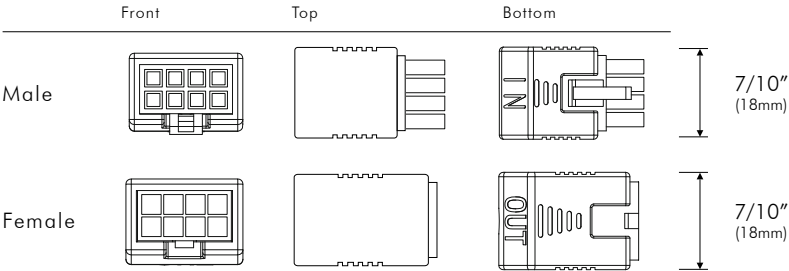
DMX

Moda Graze Interior 8 Pin Jumper Cables

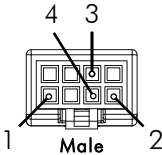
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Gray	Gray



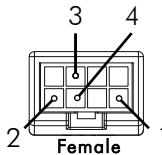
Connectors



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	Holds fixture in place for vertical installations
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

MGI - HO - S1 - RGB - -

A B C D E F

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

A - FIXTURE & LOCATION

MGI — Moda Graze Interior

D - LED COLOR

RGB — Red, Green, Blue

B - LIGHT OUTPUT

HO — High Output

E - LENGTH

1 — 1FT
4 — 4FT

C - SERIES NUMBER

S1 — Series 1

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 — 30° x 60° x 5°