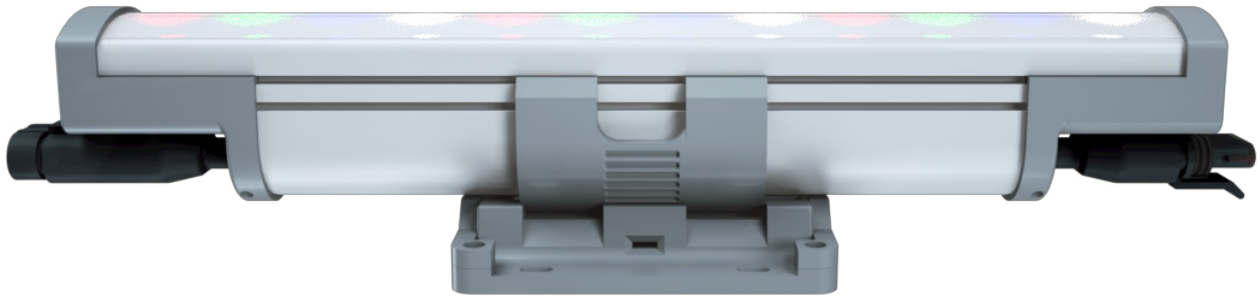


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO #: _____ Quantity: _____

Notes: _____



Specification Grade Premium Exterior Graze Fixture.

MODA GRAZE Exterior is a new patent pending wall grazing lighting system designed for exterior 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. 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. Protected from corrosion and harsh weather conditions by MODA GUARD—a tough seal which protects the fixture. 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	Wet Location IP66
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	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**[™]
moda**DIM**[™]
moda**DMX**[™]
moda**COMMUNICATE**[™]
moda**THERMAL MANAGEMENT**[™]
moda**DRIVER**[™]
moda**PHOSPHOR**[™]
moda**BIN**[™]
moda**GUARD**[™]
moda**HIGH CRI**
moda**SEAL**[™]
moda**OPTIC**[™]
moda**KWIK CONNECT**[™]



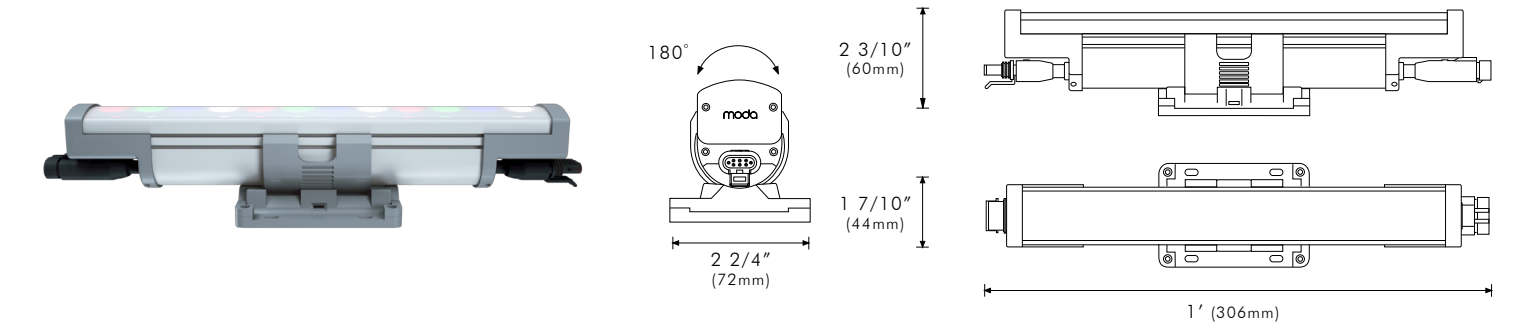
RoHS ✓



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

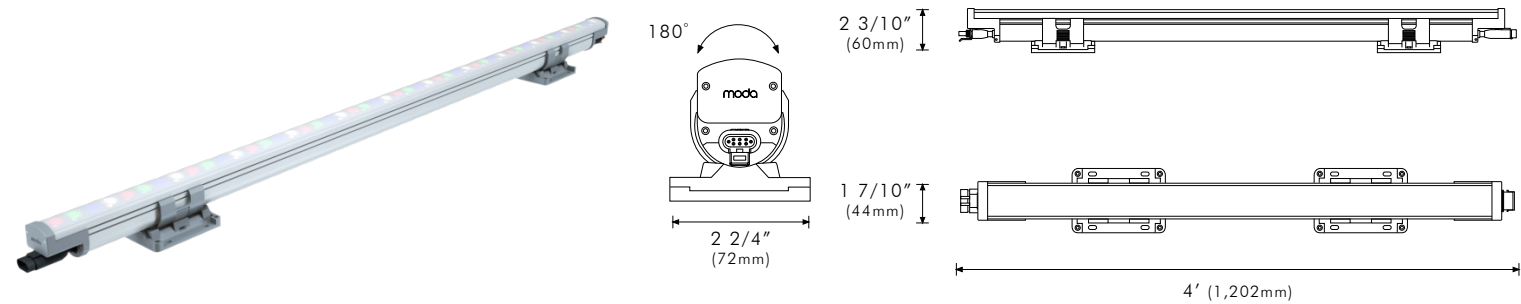


DMX

CCT	6°		10°		25°	
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
RGB27K	1017	101.70	1005	100.50	991	99.10
RGB3K	1047	104.70	1035	103.50	1021	102.10
RGB35K	1059	105.90	1047	104.70	1033	103.30
RGB4K	1071	107.10	1059	105.90	1045	104.50

CCT	40°		10°x40°		30°x60°	
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
RGB27K	981	98.10	972	97.20	969	96.90
RGB3K	1011	101.10	1002	100.20	999	99.90
RGB35K	1023	102.30	1014	101.40	1011	101.10
RGB4K	1035	103.50	1026	102.60	1023	102.30

CCT	30°x60°x5°		Power Consumption 100-277V AC		Max Run Length	
	Lumens	Efficacy	10W		120V AC	277V AC
RGB27K	967	96.70			80ft	80ft
RGB3K	997	99.70				
RGB35K	1009	100.90				
RGB4K	1021	102.10				



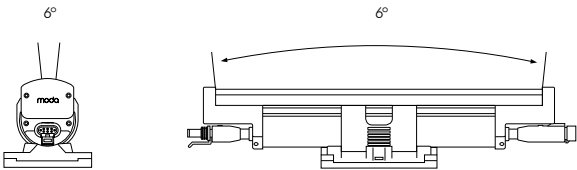
DMX

CCT	6°		10°		25°	
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
RGB27K	3618	90.45	3756	93.90	3880	97.00
RGB3K	3738	93.45	3726	93.15	3712	92.80
RGB35K	3786	94.65	3774	94.35	3760	94.00
RGB4K	3834	95.85	3822	95.55	3808	95.20

CCT	40°		10°x40°		30°x60°	
	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
RGB27K	3994	99.85	3573	89.32	3570	89.25
RGB3K	3702	92.55	3693	92.32	3690	92.25
RGB35K	3750	93.75	3741	93.52	3738	93.45
RGB4K	3798	94.95	3789	94.72	3786	94.65

CCT	30°x60°x5°		Power Consumption 100-277V AC		Max Run Length 120V AC 277V AC	
	Lumens	Efficacy				
RGB27K	3568	89.20	40W		80ft	80ft
RGB3K	3688	92.20				
RGB35K	3736	93.40				
RGB4K	3784	94.60				

6° Beam Angle



Polar Candela Distribution

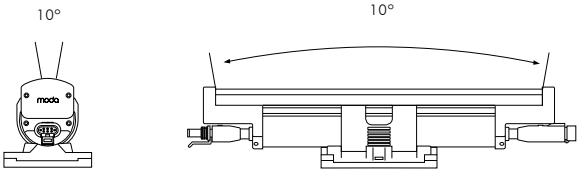


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	58.48 fc	202.21 fc	0.3 ft	0.2 ft
4.0 ft	14.12 fc	50.55 fc	0.7 ft	0.6 ft
6.0 ft	7.06 fc	25.27 fc	1.1 ft	1.0 ft
8.0 ft	3.53 fc	12.63 fc	1.5 ft	1.4 ft
10.0 ft	1.76 fc	6.31 fc	2.0 ft	1.9 ft
12.0 ft	1.41 fc	5.05 fc	2.4 ft	2.3 ft

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

10° Beam Angle



Polar Candela Distribution

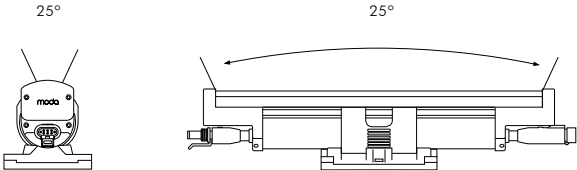


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	46.12 fc	166.43 fc	0.4 ft	0.3 ft
4.0 ft	11.53 fc	41.61 fc	0.8 ft	0.7 ft
6.0 ft	5.76 fc	20.80 fc	1.2 ft	1.1 ft
8.0 ft	2.88 fc	10.40 fc	1.6 ft	1.5 ft
10.0 ft	1.44 fc	5.20 fc	2.1 ft	2.0 ft
12.0 ft	1.15 fc	4.16 fc	2.5 ft	2.4 ft

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

25° Beam Angle



Polar Candela Distribution

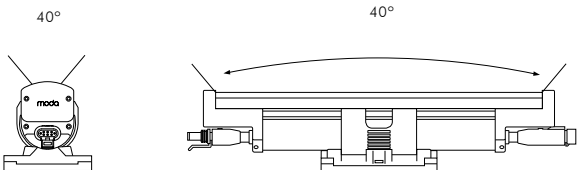


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	28.25 fc	102.97 fc	0.5 ft	0.5 ft
4.0 ft	7.06 fc	25.74 fc	1.0 ft	1.0 ft
6.0 ft	3.53 fc	12.87 fc	1.5 ft	1.6 ft
8.0 ft	1.76 fc	6.43 fc	2.0 ft	2.2 ft
10.0 ft	0.88 fc	3.21 fc	2.5 ft	2.7 ft
12.0 ft	0.70 fc	2.57 fc	3.0 ft	3.2 ft

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

40° Beam Angle



Polar Candela Distribution

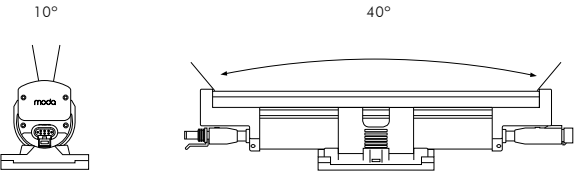


Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	12.89 fc	47.30 fc	1.0 ft	0.8 ft
4.0 ft	3.22 fc	11.82 fc	1.9 ft	1.5 ft
6.0 ft	1.61 fc	5.91 fc	2.8 ft	2.4 ft
8.0 ft	0.80 fc	2.96 fc	3.8 ft	3.2 ft
10.0 ft	0.40 fc	1.48 fc	4.8 ft	4.0 ft
12.0 ft	0.32 fc	1.18 fc	5.7 ft	4.7 ft

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

10°x40° Beam Angle



Polar Candela Distribution

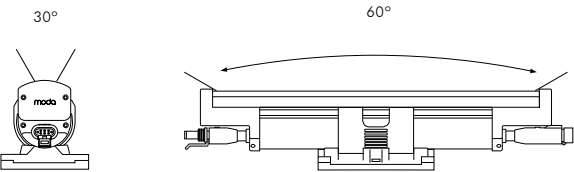


Illuminance at a Distance

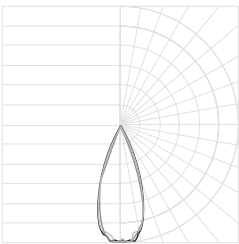
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	32.18 fc	118.85 fc	0.7 ft	0.5 ft
4.0 ft	8.04 fc	29.71 fc	1.5 ft	1.0 ft
6.0 ft	4.02 fc	14.85 fc	2.2 ft	1.4 ft
8.0 ft	2.01 fc	7.42 fc	3.0 ft	1.9 ft
10.0 ft	1.00 fc	3.71 fc	4.6 ft	2.4 ft
12.0 ft	0.80 fc	2.97 fc	4.4 ft	3.0 ft

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

30°x60° Beam Angle



Polar Candela Distribution

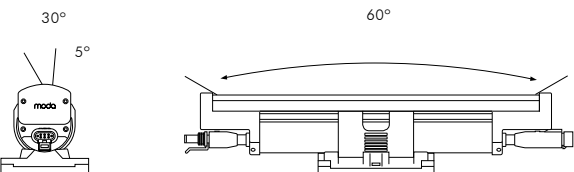


Illuminance at a Distance

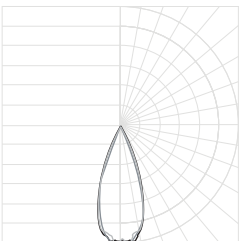
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	81.84 fc	302.88 fc	1.3 ft	2.0 ft
4.0 ft	20.46 fc	75.72 fc	3.1 ft	4.7 ft
6.0 ft	10.23 fc	37.86 fc	4.0 ft	6.6 ft
8.0 ft	5.11 fc	18.93 fc	5.8 ft	9.3 ft
10.0 ft	2.55 fc	9.47 fc	7.0 ft	11.2 ft
12.0 ft	2.04 fc	7.57 fc	9.0 ft	14.0 ft

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

30°x60°x5° Beam Angle



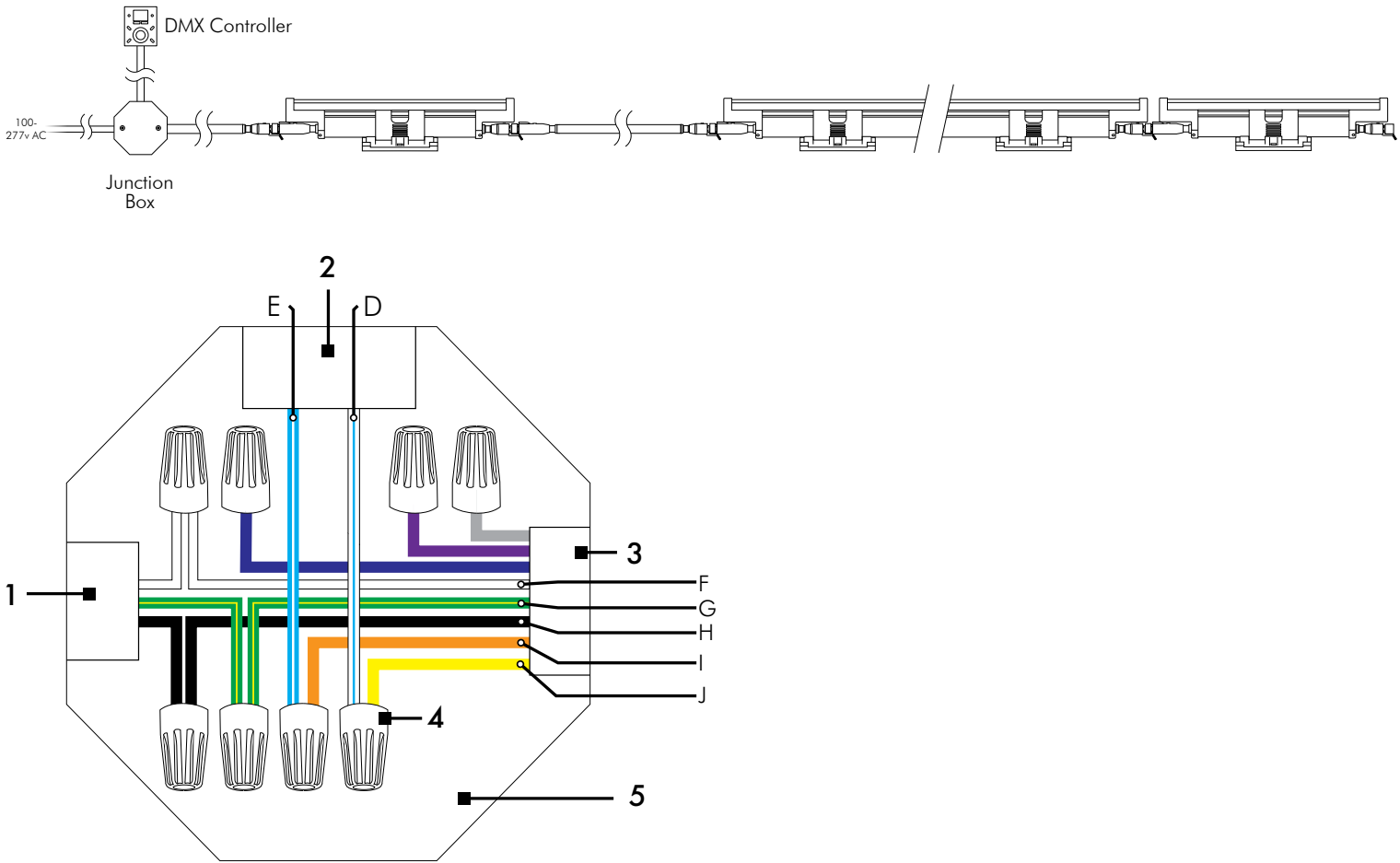
Polar Candela Distribution



Illuminance at a Distance

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	11.86 fc	43.96 fc	1.3 ft	0.3 ft
4.0 ft	2.96 fc	10.99 fc	2.6 ft	0.9 ft
6.0 ft	1.48 fc	5.49 fc	3.9 ft	1.3 ft
8.0 ft	0.74 fc	2.74 fc	5.2 ft	1.6 ft
10.0 ft	0.37 fc	1.37 fc	6.5 ft	1.9 ft
12.0 ft	0.29 fc	1.09 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

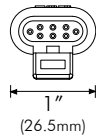
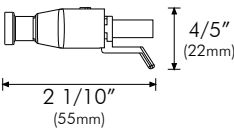
8 Pin Leader Cable

	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

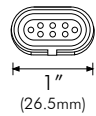
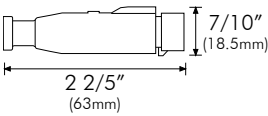
*not illustrated

DMX Connectors

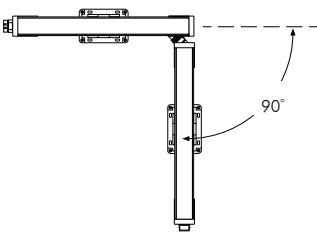
Male Output



Female Output



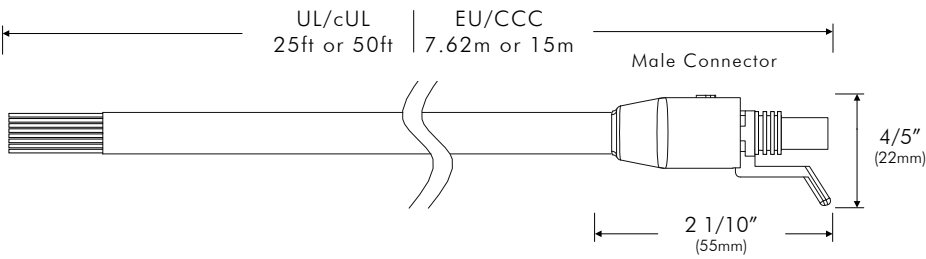
Angle Adjustment



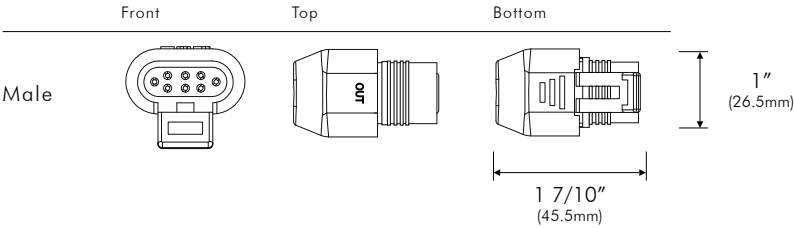
DMX

Moda Graze Exterior 8 Pin Leader Cables

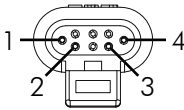
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



Connectors



Pin Assignment

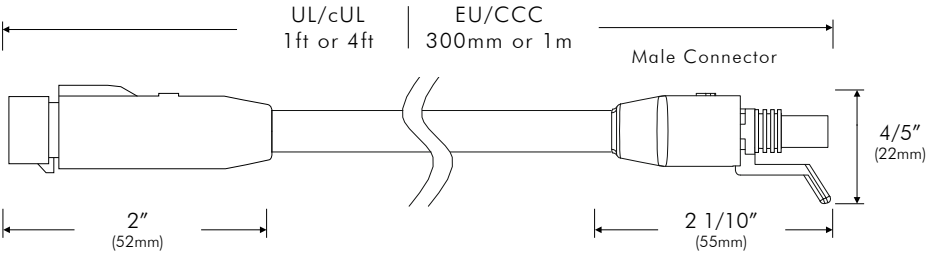


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	DMX Positive	Orange	Orange
4	DMX Negative	Yellow	Yellow

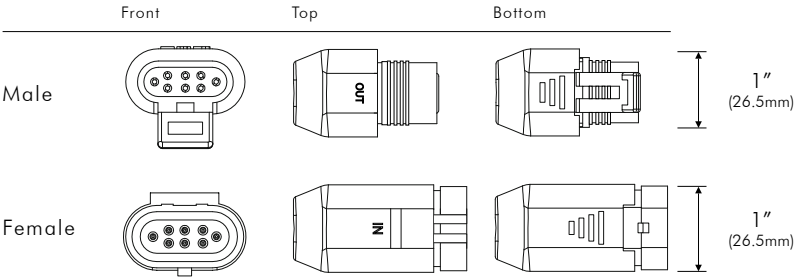
DMX

Moda Graze Exterior 8 Pin Jumper Cables

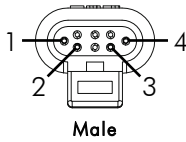
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



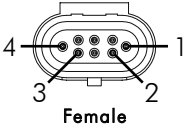
Connectors



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 25ft	MLCE-US-8PIN-B-25FT	Power to first fixture of run
Leader Cable US 8 Pin 50ft	MLCE-US-8PIN-B-50FT	Power to first fixture of run
Jumper Cable US 8 Pin 1ft	MJCE-US-8PIN-B-1FT	Connection between fixtures
Jumper Cable US 8 Pin 4ft	MJCE-US-8PIN-B-4FT	Connection between fixtures
Leader Cable EU 8 Pin 7.62m	MLCE-EU-8PIN-B-7.62M	Power to first fixture of run
Leader Cable EU 8 Pin 15m	MLCE-EU-8PIN-B-15M	Power to first fixture of run
Jumper Cable EU 8 Pin 300mm	MJCE-EU-8PIN-B-300MM	Connection between fixtures
Jumper Cable EU 8 Pin 1m	MJCE-EU-8PIN-B-1M	Connection between fixtures
Terminator 8 Pin	MTE-8PIN-B	Must be fixed to last fixture for safety
Exterior Bracket Lock	MCGE-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



COMPLETE SKU SAMPLE: MGE-HO-RGB27-1-6

A - FIXTURE & LOCATION

MGE	—	Moda Graze Exterior
-----	---	---------------------

D - LENGTH

1	—	1 FT
4	—	4 FT

B - LIGHT OUTPUT

HO	—	High Output
----	---	-------------

E - 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°

C - LED COLOR

RGB27	—	Red Green, Blue, 2700K
RGB3	—	Red, Green, Blue, 3000K
RGB35	—	Red, Green, Blue, 3500K
RGB4	—	Red, Green, Blue, 4000K