

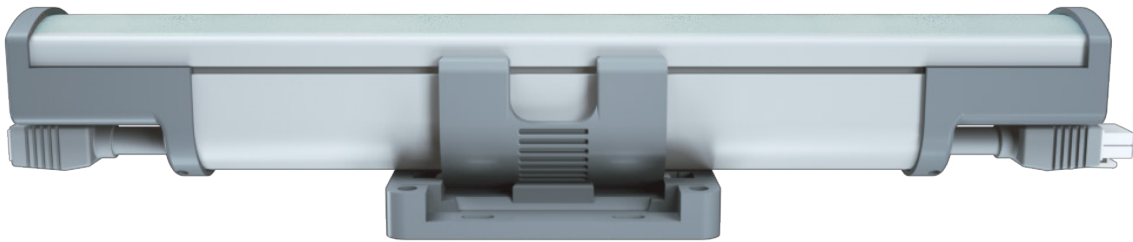
Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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

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

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

\_\_\_\_\_



### Specification Grade Premium Interior Graze Fixture.

MODA GRAZE Interior is a 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 DMX512 signals for full independent control of every 1ft section. Change the color temperature ranging from 3500K to 6500K and create a variety of moods. With MODA's methods of precision and high standards of work, MODA achieves perfect illumination. Color Rendering Index is at a MODA standard of 90-98. R1 - R15 values are in excess of 90. No striations, no color over angle, and no dark spots.

Wall wash any applications with a choice of 6°, 10°, 25°, 40°, 10°x40°, 30°x60°, or forward throw asymmetric beam patterns for HO, or 30°x100° for HO+ Lumen packages. 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.

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## PHYSICAL

Dimensions	L: 12 3/8in (316mm)	W: 2 7/16in (61mm)
	L: 47 5/16in (1202mm)	H: 2 3/8in (60mm)
Weight	12in: 11lbs (0.45kg)	48in: 3.3lbs (1.5kg)
Applications	Graze, Accent, & Indirect General Illumination	
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Polycarbonate Optical Lens	
Ingress Protection	Dry/Damp Location IP44	
Thermal Management	Moda Aluminum Heat Sink	
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	

## SPECIFICATIONS

	Lumens		Efficacy	
	1FT	4FT	1FT	4FT
HO	952 - 1151	3551 - 4155	95 - 125	88 - 122
HO+	987 - 1141	3950 - 4566	98 - 114	98 - 114

## POWER CONSUMPTION

	120V - 277V AC	
	1FT	4FT
HO	10W	40W
HO+	10W	40W

## ELECTRICAL

Input Voltage	100-277V AC 50Hz/60Hz
Control	Electronic Low Voltage Reverse Phase Trailing Edge
Power Factor	≥ 0.98

## MAX CONTINUOUS RUN

	120V - 277V AC	
	1FT	4FT
HO	80ft	80ft
HO+	80ft	80ft

## OUTPUT

CCT & SDCM	3500K - 6500K 2 Step MacAdam Ellipse
Beam Angle	6°, 10°, 25°, 40°, 10°x40°, 30°x60°, Forward Throw Asymmetric, or 30°x100° optic options
Color Bin Tolerance	Single Bin
CRI	94-98
Lumen Maintenance	90,000 Hours L50 @ 25°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

## 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**DYNAMIC COOL**

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

moda**AIRFLOW**<sup>™</sup>

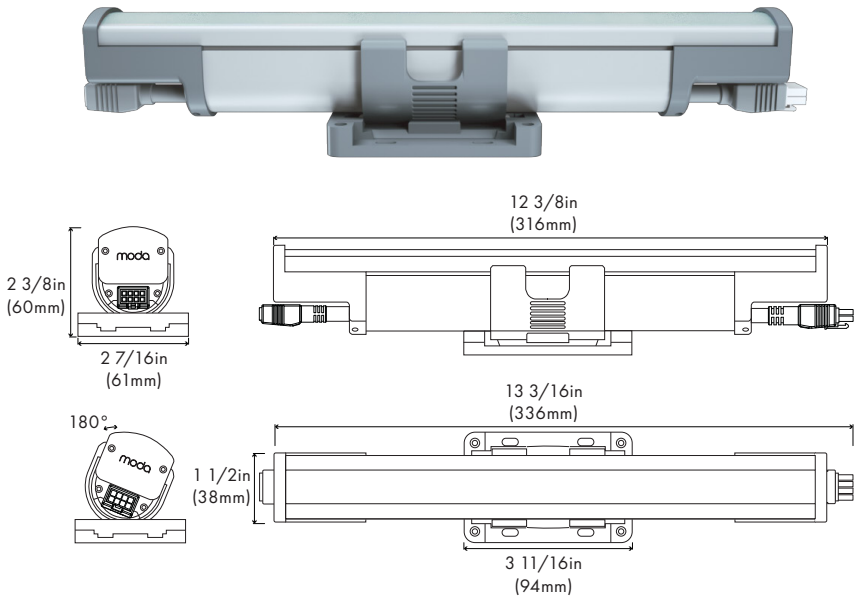
moda**COMMUNICATE**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>

## STANDARDS & CERTIFICATIONS



Certification	Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, CCC, C-Tick, RoHS, & WEEE Compliant.
Class	1
Warranty	3 Year Limited Warranty



DMX

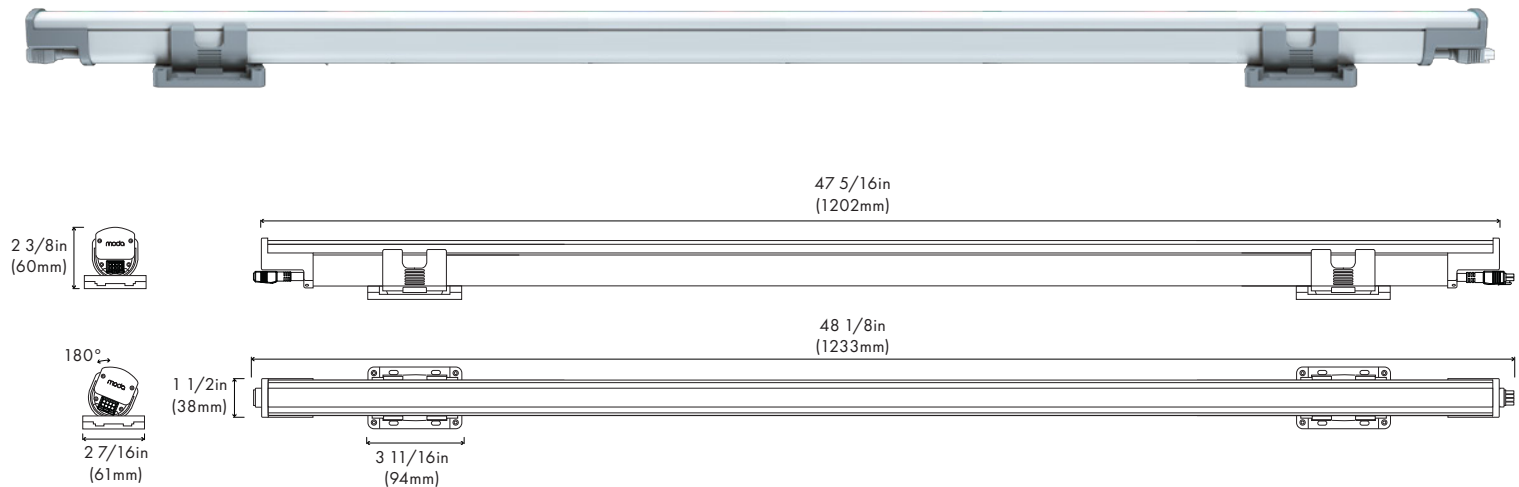
1FT		6°		10°		25°		40°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	3500K -	1086.39 -	108.63 -	1074.39 -	107.43 -	1060.39 -	106.03 -	1050.39 -	105.03 -
	6500K	1232.54	123.25	1220.54	122.05	1206.54	120.65	1196.54	119.65

1FT		10°x40°		30°x60°		30°x60°X5°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	3500K -	1041.39 -	104.13 -	1038.39 -	103.83 -	1036.10 -	103.61 -
	6500K	1187.54	118.75	1184.54	118.45	1182.54	118.25

1FT		30°x100°		Output	CRI	Power Consumption		Max Run Lengths	
Output	CCT	Lumens	Efficacy	HO	97	120-277V AC	10W	120-277V AC	80ft
HO+	3500K -	1035.93 -	103.59 -	HO+	98				
	6500K	1197.61	119.76						

BEAM ANGLE

	HO	HO+
6° / 10° / 25° / 40° / 10°x40° / 30°x60°	•	
Forward Throw Asymmetric		
30°x100°		•
	• Available	



DMX

4FT		6°		10°		25°		40°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	3500K -	4345.56 -	108.63 -	4297.56 -	107.43 -	4241.56 -	106.03 -	4201.56 -	105.03 -
	6500K	4940.16	123.25	4882.16	122.05	4826.16	120.65	4786.16	119.65

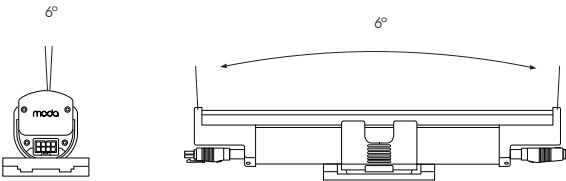
4FT		10°x40°		30°x60°		30°x60°X5°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	3500K -	4165.56 -	104.13 -	4153.56 -	103.83 -	4144.44 -	103.61 -
	6500K	4750.16	118.75	4738.16	118.45	4730.16	118.25

4FT		30°x100°		Output	CRI	Power Consumption	Max Run Lengths
Output	CCT	Lumens	Efficacy	HO	97	120-277V AC 40W	120-277V AC 80ft
HO+	3500K -	4143.72 -	103.59 -	HO+	98		
	6500K	4790.44	119.76				

BEAM ANGLE

	HO	HO+
6° / 10° / 25° / 40° / 10°x40° / 30°x60°	•	
Forward Throw Asymmetric		
30°x100°		•
	• Available	

6° Beam Angle



Polar Candela Distribution (HO)

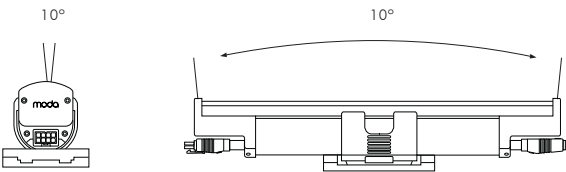


Illuminance at a Distance (HO)

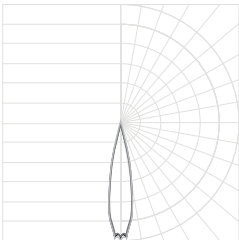
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	56.48 fc	229.19 fc	0.3 ft	0.2 ft
4.0 ft	14.12 fc	57.29 fc	0.7 ft	0.6 ft
6.0 ft	7.06 fc	28.64 fc	1.1 ft	1.0 ft
8.0 ft	3.53 fc	14.32 fc	1.5 ft	1.4 ft
10.0 ft	1.76 fc	7.16 fc	2.0 ft	1.9 ft
12.0 ft	1.41 fc	5.72 fc	2.4 ft	2.3 ft

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

10° Beam Angle



Polar Candela Distribution (HO)

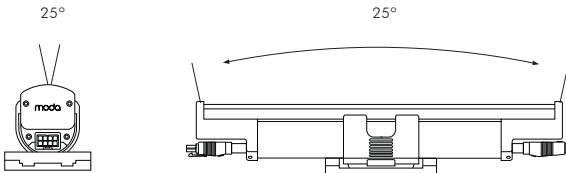


Illuminance at a Distance (HO)

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	53.15 fc	212.63 fc	0.4 ft	0.3 ft
4.0 ft	13.29 fc	53.15 fc	0.8 ft	0.7 ft
6.0 ft	6.64 fc	26.57 fc	1.2 ft	1.1 ft
8.0 ft	3.32 fc	13.28 fc	1.6 ft	1.5 ft
10.0 ft	1.66 fc	6.64 fc	2.1 ft	2.0 ft
12.0 ft	1.32 fc	5.31 fc	2.5 ft	2.4 ft

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

25° Beam Angle



Polar Candela Distribution (HO)

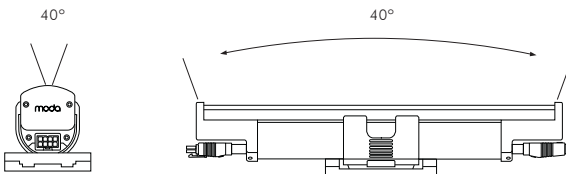


Illuminance at a Distance (HO)

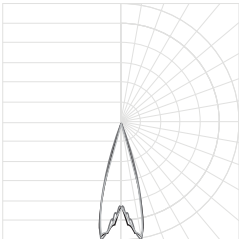
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	32.62 fc	130.50 fc	0.5 ft	0.5 ft
4.0 ft	8.15 fc	32.62 fc	1.0 ft	1.0 ft
6.0 ft	4.07 fc	16.31 fc	1.5 ft	1.6 ft
8.0 ft	2.03 fc	8.15 fc	2.0 ft	2.2 ft
10.0 ft	1.01 fc	4.07 fc	2.5 ft	2.7 ft
12.0 ft	0.81 fc	3.26 fc	3.0 ft	3.2 ft

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

40° Beam Angle



Polar Candela Distribution (HO)

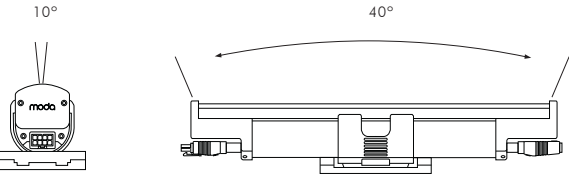


Illuminance at a Distance (HO)

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	14.90 fc	59.60 fc	1.0 ft	0.8 ft
4.0 ft	3.72 fc	14.90 fc	1.9 ft	1.5 ft
6.0 ft	1.86 fc	7.45 fc	2.8 ft	2.4 ft
8.0 ft	0.93 fc	3.72 fc	3.8 ft	3.2 ft
10.0 ft	0.46 fc	1.86 fc	4.8 ft	4.0 ft
12.0 ft	0.37 fc	1.49 fc	5.7 ft	4.7 ft

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

10°x40° Beam Angle



Polar Candela Distribution (HO)

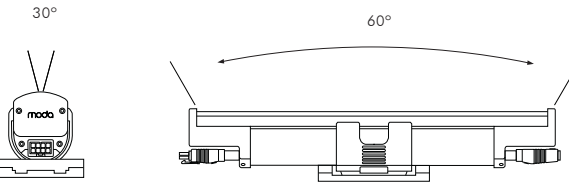


Illuminance at a Distance (HO)

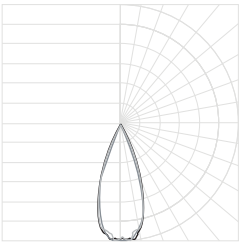
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	37.25 fc	149.00 fc	0.7 ft	0.5 ft
4.0 ft	9.31 fc	37.25 fc	1.5 ft	1.0 ft
6.0 ft	4.65 fc	18.62 fc	2.2 ft	1.4 ft
8.0 ft	2.32 fc	9.31 fc	3.0 ft	1.9 ft
10.0 ft	1.16 fc	4.65 fc	4.6 ft	2.4 ft
12.0 ft	0.93 fc	3.72 fc	4.4 ft	3.0 ft

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

30°x60° Beam Angle



Polar Candela Distribution (HO)

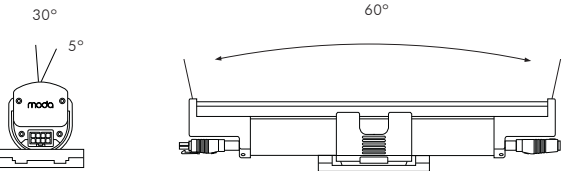


Illuminance at a Distance (HO)

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	94.76 fc	379.05 fc	1.3 ft	2.0 ft
4.0 ft	23.69 fc	94.76 fc	3.1 ft	4.7 ft
6.0 ft	11.84 fc	47.38 fc	4.0 ft	6.6 ft
8.0 ft	5.92 fc	23.69 fc	5.8 ft	9.3 ft
10.0 ft	2.96 fc	11.84 fc	7.0 ft	11.2 ft
12.0 ft	2.36 fc	9.47 fc	9.0 ft	14.0 ft

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

Forward Throw Asymmetric



Polar Candela Distribution (HO)

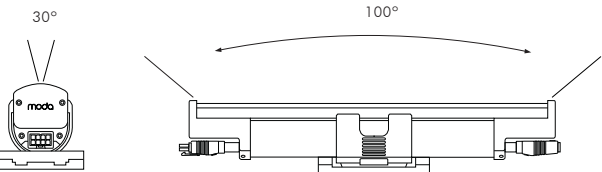


Illuminance at a Distance (HO)

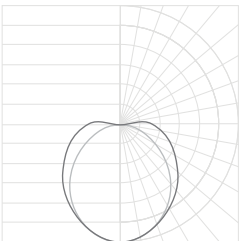
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	13.74 fc	54.96 fc	1.3 ft	0.3 ft
4.0 ft	3.45 fc	13.74 fc	2.6 ft	0.9 ft
6.0 ft	1.71 fc	6.87 fc	3.9 ft	1.3 ft
8.0 ft	0.85 fc	3.43 fc	5.2 ft	1.6 ft
10.0 ft	0.42 fc	1.71 fc	6.5 ft	1.9 ft
12.0 ft	0.34 fc	1.37 fc	7.87 ft	2.6 ft

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

30°x100° Beam Angle



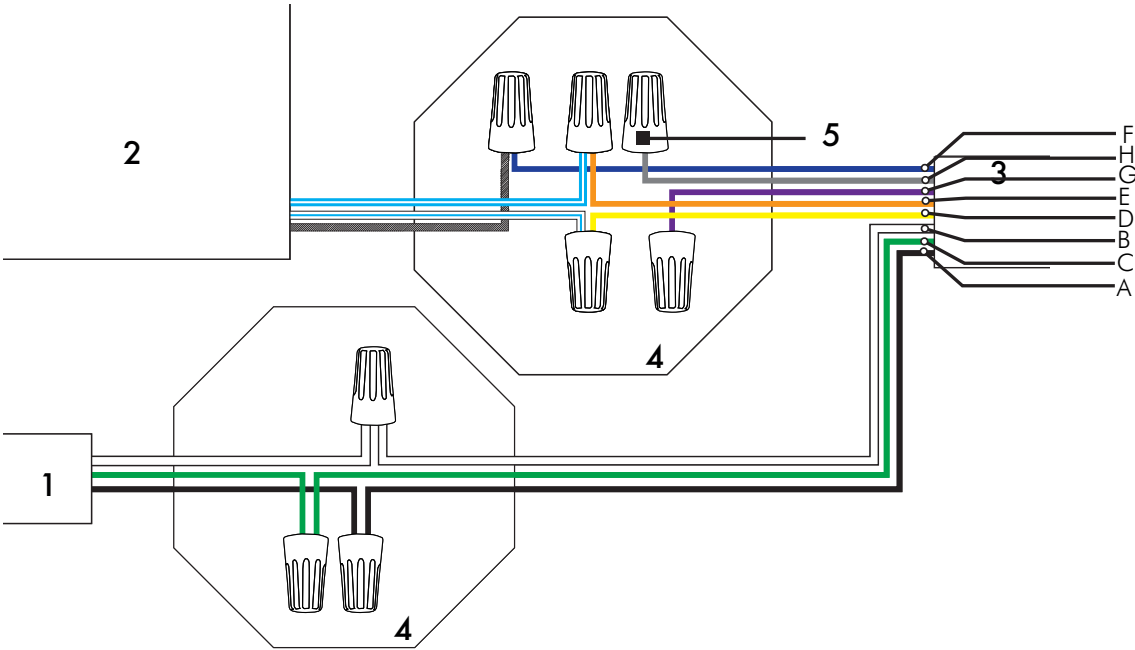
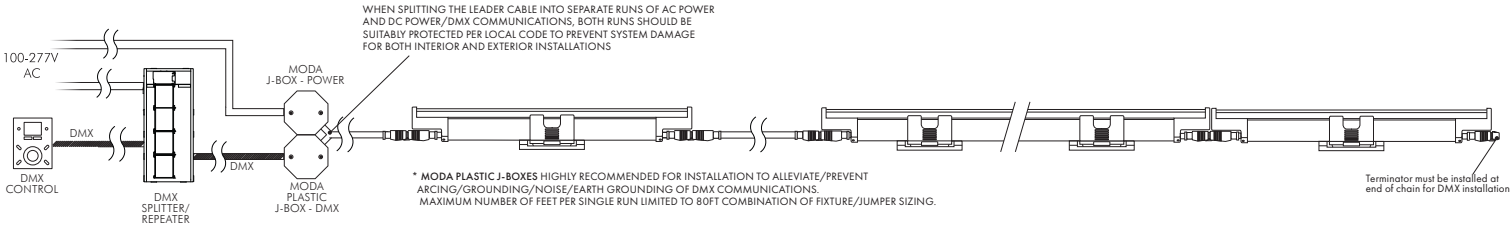
Polar Candela Distribution (HO+)



Illuminance at a Distance (HO+)

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	12.94 fc	51.78 fc	1.3 ft	2.0 ft
4.0 ft	3.23 fc	12.94 fc	3.1 ft	4.2 ft
6.0 ft	1.61 fc	6.47 fc	4.0 ft	6.6 ft
8.0 ft	0.80 fc	3.23 fc	5.8 ft	9.3 ft
10.0 ft	0.40 fc	1.61 fc	7.0 ft	11.2 ft
12.0 ft	0.32 fc	1.29 fc	9.0 ft	14.0 ft

■ Vert. Spread: 30°     ▲ Horiz. Spread: 100°



















Wiring Legend

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

Shielded RS-485

- DMX Positive
- DMX Negative
- DMX Shield

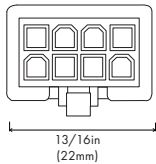
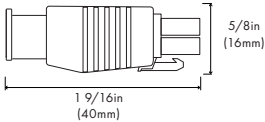
8 Pin Leader Cable

		UL/cUL	CE/CCC*
A	100-277V AC	 Black	 Brown
B	Neutral	 White	 Blue
C	Ground	 Green	 Green/Yellow
D	Data Positive/DC +	 Orange	 Orange
E	Data Negative/DC -	 Yellow	 Yellow
F	DMX Shield	 Blue	 Blue
G	Not Used	 Purple	 Purple
H	Not Used	 Gray	 Gray

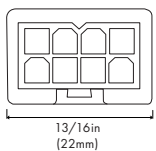
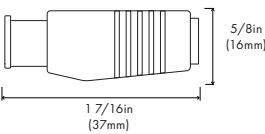
\*Not illustrated

DMX Connectors

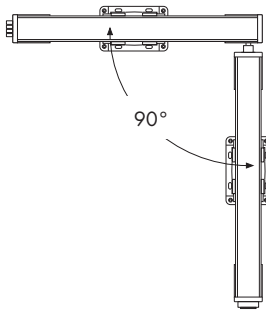
Male



Female



Angle Adjustment

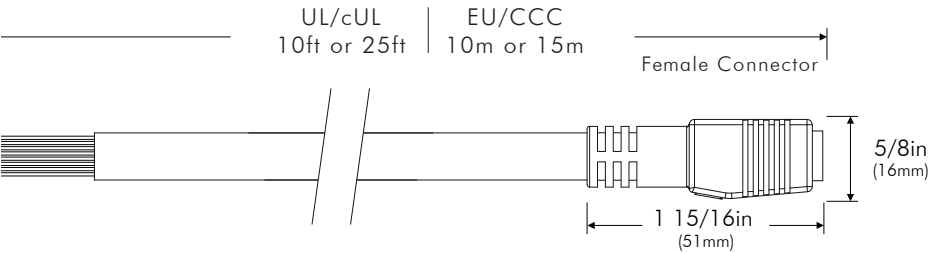




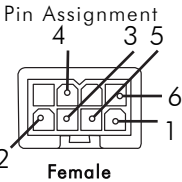
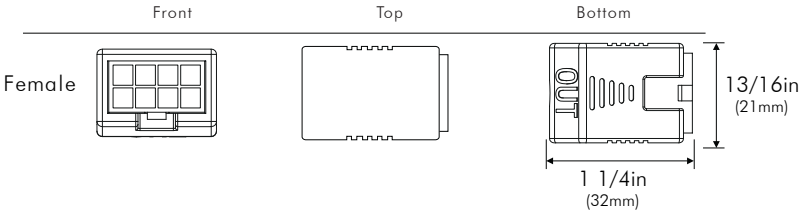
DMX LEADER CABLES

Moda Cove Exterior 8 Pin Leader Cables

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



Connectors

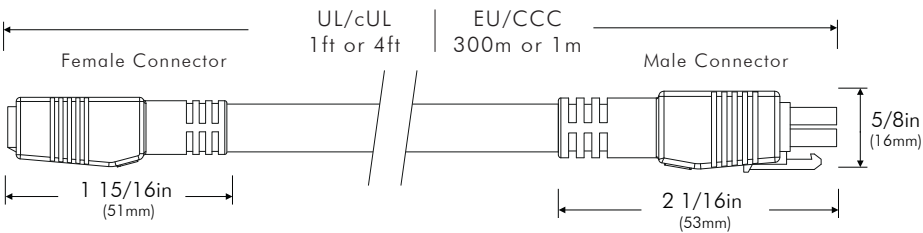


	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Neutral	White	Blue
3 Ground	Green	Green/Yellow
4 DMX Positive	Orange	Orange
5 DMX Negative	Yellow	Yellow
6 DMX Shield	Blue	Blue

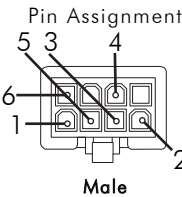
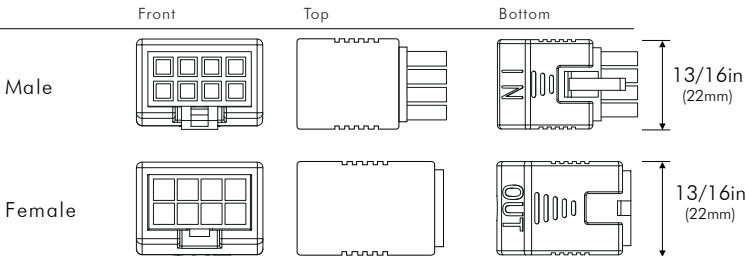
DMX JUMPER CABLES

Moda Cove Exterior 8 Pin Jumper Cables

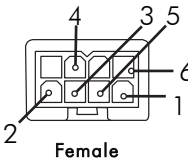
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Gray	Gray



Connectors



	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
6 DMX Shield	Blue	Blue



	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
6 DMX Shield	Blue	Blue

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

**A - FIXTURE & LOCATION**

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

HO	—	High Output
HO+	—	High Output Plus

**C - SERIES NUMBER**

S1	—	Series 1
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**D - LED COLOR**

DC	—	Dynamic Cool
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\* - Available only in HO

\*\* - Available only in HO+

**E - LENGTH**

1	—	1 FT
4	—	4 FT

**G - 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
310**	—	30° x 100°

ACCESSORIES	DESCRIPTION	ORDERING 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 10M	Power to first fixture of run	MLCI-EU-8PIN-G-10M
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 installation	MCGI-BL-G

CONTROLS	DESCRIPTION	PART NUMBER	ORDERING SKU
Kandi Touch	DMX512 Wall Mounted Touch Panel Controller with Color Display	KND-TCH-B (Black) KND-TCH-W (White)	250-0040 250-0041
MODA Touch*	DMX512 Wall Mounted Touch Panel Controller	MTCH-S1-B (Black) MTCH-S1-W (White)	MTCH-S1-B MTCH-S1-W

\* - MODA Touch default scene addressing can be found on MODA Touch Product Documentation and DMX Fixture Installation Guides.

CONTROL ACCESSORIES	DESCRIPTION	PART NUMBER	ORDERING SKU
Pathway DMX Splitter/Repeater	Wall-mount, 4 ports, E1.20 RDM Compliant, Small - 10in X 13in X 4 1/2in	PWREP WM P4 TERM RDM SML DMX-RDM	250-0153
Pathway DMX Splitter/Repeater	Wall-mount, 8 ports, E1.20 RDM Compliant, Medium - 10in X 23in X 4 1/2in	PWREP WM P8 TERM RDM MED DMX-RDM	250-0154
Pathway DMX Splitter/Repeater	Wall-mount, 12 ports, E1.20 RDM Compliant, Medium - 10in X 23in X 4 1/2in	PWREP WM P12 TERM RDM MED DMX-RDM	250-0155
Shielded Cable 500FT	RS-485 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	SW-L-19827-1-500FT	250-0251
Shielded Cable 1000FT	RS-485 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	SW-L-19827-1-1000FT	250-0252