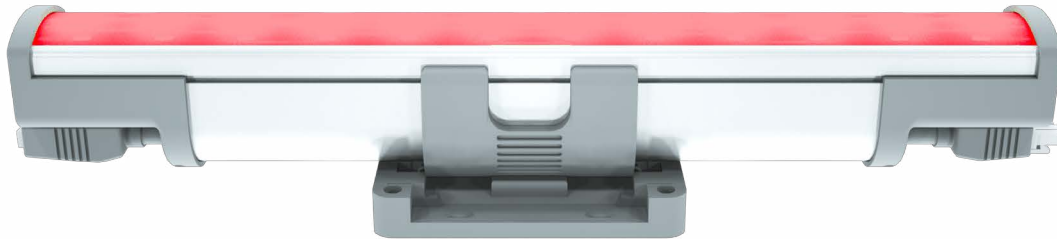


Client: \_\_\_\_\_ Project Name: \_\_\_\_\_

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

SKU: \_\_\_\_\_ 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 software and dimming technology with its onboard dimming chipset and MODA firmware, this series can dim to 0% smoothly without any flicker or noise and simultaneously synchronize dim with every fixture. Electronic Low Voltage dimming with no minimum run lengths.

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.

Designed and developed in Las Vegas, USA by MODA.

PAGE

3 FEATURES

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4 1 FOOT

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5 4 FOOT

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6 OPTIC FLEXIBILITY

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7 OPTIC FLEXIBILITY CONTINUED

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8 ELV WIRING

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9 0-10V TO ELV

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10 ACCESSORIES: CABLES

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11 FIXTURE

---

12 ACCESSORIES

PHYSICAL

Dimensions	L: 12 3/8in (316mm)	W: 2 7/16in (61mm)
	L: 47 5/16in (1202mm)	H: 2 3/8in (60mm)
Weight	12in: 1lbs (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	592 - 1098	2068 - 3950	59 - 109	51 - 99
HO+	288 - 1104	958 - 4420	28 - 110	24 - 110

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 AC	277V AC
HO	60ft	120ft
HO+	60ft	120ft

OUTPUT

CCT & SDCM	N/A
Colors	Red, Green, Blue, and Amber available
Beam Angle	6°, 10°, 25°, 40°, 10°x40°, 30°x60°, Forward Throw Asymmetric, or 30°x100° optic options
Color Bin Tolerance	Single Bin
CRI	N/A
Lumen Maintenance	90,000 Hours L70 @ 25°C 70,000 Hours L70 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

COLORS

	HO	HO+
Red	•	•
Green	•	•
Blue	•	•
Amber	•	•

BEAM ANGLES

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

• Available

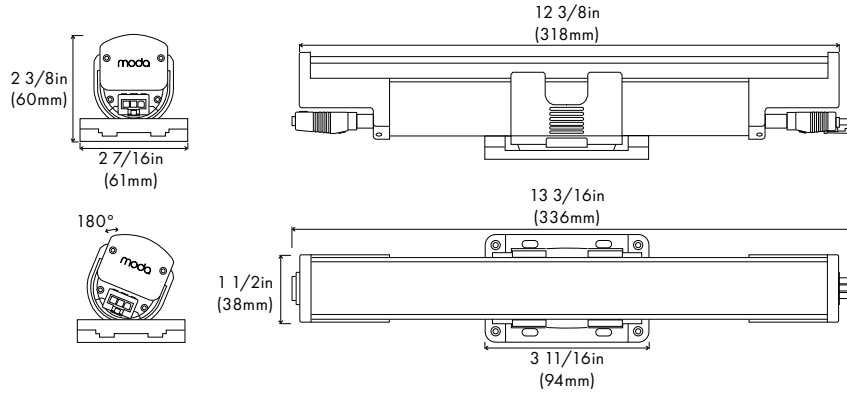
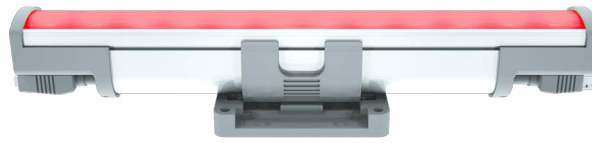
MODA TECHNOLOGY

moda <b>SOFTWARE</b> <sup>™</sup>	moda <b>ZERO BIN</b> <sup>™</sup>
moda <b>HARDWARE</b> <sup>™</sup>	moda <b>THERMAL MANAGEMENT</b> <sup>™</sup>
moda <b>DYNAMIC WARM</b> <sup>™</sup>	moda <b>AIRFLOW</b> <sup>™</sup>
moda <b>PHOSPHOR</b> <sup>™</sup>	moda <b>COMMUNICATE</b> <sup>™</sup>
moda <b>DRIVER</b> <sup>™</sup>	moda <b>KWIK CONNECT</b> <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	5 Year Limited Warranty



**ELV**

IFT		6°	10°	25°	40°	10°x40°	30°x60°	Forward Throw Asymmetric							
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	Red	918.00	91.80	906.00	90.60	892.00	89.20	882.00	88.20	873.00	87.30	870.00	87.00	868.00	86.80
	Green	1098.00	109.80	1086.00	108.60	1072.00	107.20	1062.00	106.20	1053.00	105.30	1050.00	105.00	1048.00	104.80
	Blue	642.00	64.20	630.00	63.00	616.00	61.60	606.00	60.60	597.00	59.70	594.00	59.40	592.00	59.20
	Amber	1038.00	103.8	1026.00	102.60	1012.00	101.20	1002.00	100.20	993.00	99.30	999.00	99.90	988.00	98.90

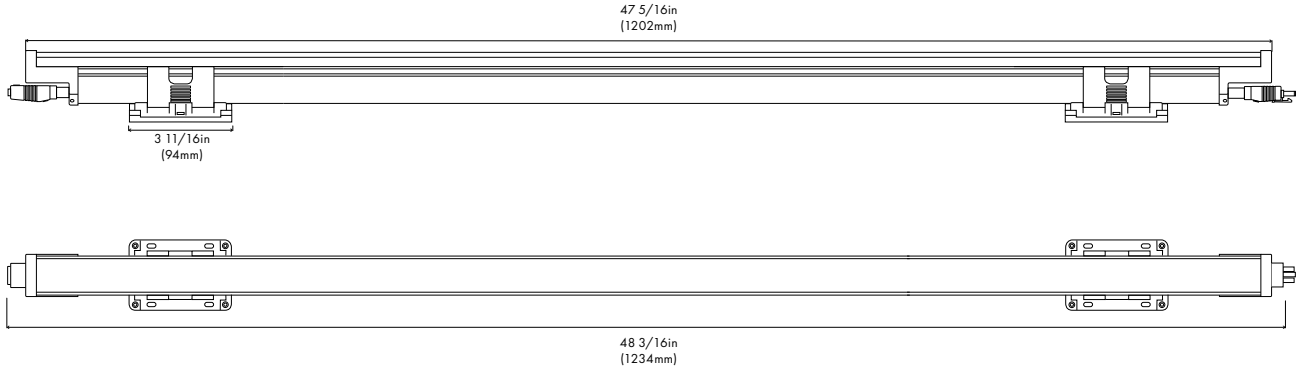
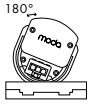
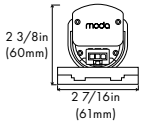
IFT		30°x100°	
Output	CCT	Lumens	Efficacy
HO+	Red	288.00	28.00
	Green	336.00	33.60
	Blue	240.00	24.00
	Amber	384.00	38.40

**BEAM ANGLE**

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

• Available

	Power Consumption		Max Run Length	
Output	100-277V AC	120V AC	277V AC	
HO	10W	60 ft	120 ft	
HO+	10W	60 ft	120 ft	



**ELV**

4FT	6°		10°		25°		40°		10°x40°		30°x60°		Forward Throw Asymmetric		
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	Red	3222.00	80.55	3210.00	80.25	3196.00	79.90	3186.00	79.65	3177.00	79.42	3174.00	79.35	3172.00	79.30
	Green	3942.00	98.55	3950.00	98.75	3930.00	98.25	3906.00	97.65	3897.00	97.42	3894.00	97.35	3892.00	97.30
	Blue	2118.00	52.95	2106.00	52.65	2092.00	52.30	2082.00	52.05	2073.00	51.82	2070.00	51.75	2068.00	51.70
	Amber	3702.00	92.55	3690.00	92.25	3676.00	91.90	3666.00	91.65	3657.00	91.42	3654.00	91.35	3652.00	91.30

4FT	30°x100°		
Output	CCT	Lumens	Efficacy
HO+	Red	1150.00	28.75
	Green	1339.00	33.47
	Blue	958.00	23.95
	Amber	2880.00	72.00

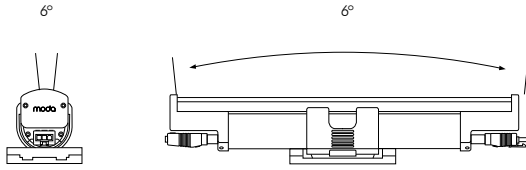
**BEAM ANGLE**

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

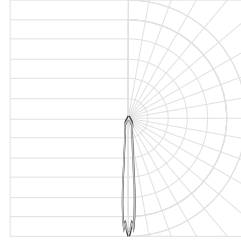
• Available

Output	Power Consumption	Max Run Length	
	100-277V AC	120V AC	277V AC
HO	40W	60 ft	120 ft
HO+	40W	60 ft	120 ft

6° Beam Angle



Polar Candela Distribution (HO Green)

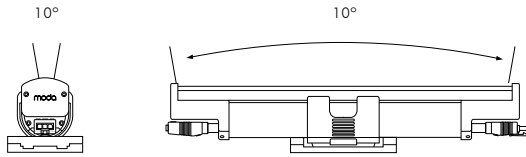


Illuminance at a Distance (HO Green)

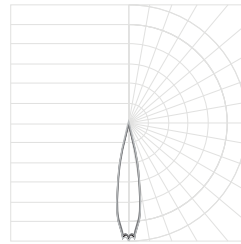
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	50.00 fc	179.50 fc	0.3 ft	0.2 ft
4.0 ft	12.50 fc	44.87 fc	0.7 ft	0.6 ft
6.0 ft	6.25 fc	22.43 fc	1.1 ft	1.0 ft
8.0 ft	3.12 fc	11.21 fc	1.5 ft	1.4 ft
10.0 ft	1.56 fc	5.60 fc	2.0 ft	1.9 ft
12.0 ft	1.25 fc	4.48 fc	2.4 ft	2.3 ft

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

10° Beam Angle



Polar Candela Distribution (HO Green)

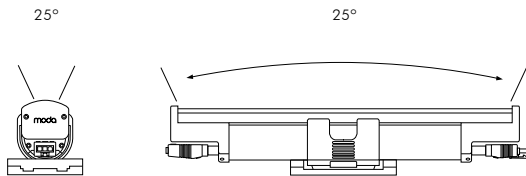


Illuminance at a Distance (HO Green)

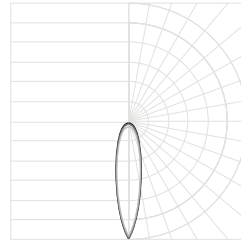
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	47.29 fc	172.03 fc	0.4 ft	0.3 ft
4.0 ft	11.82 fc	43.00 fc	0.8 ft	0.7 ft
6.0 ft	5.91 fc	21.50 fc	1.2 ft	1.1 ft
8.0 ft	2.95 fc	10.75 fc	1.6 ft	1.5 ft
10.0 ft	1.47 fc	5.37 fc	2.1 ft	2.0 ft
12.0 ft	1.18 fc	4.30 fc	2.5 ft	2.4 ft

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

25° Beam Angle



Polar Candela Distribution (HO Green)

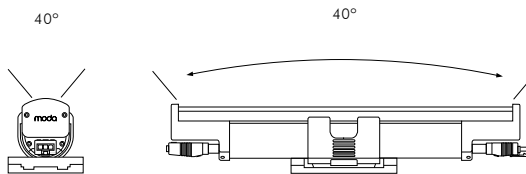


Illuminance at a Distance (HO Green)

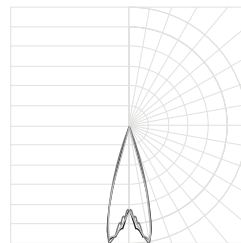
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	28.98 fc	106.27 fc	0.5 ft	0.5 ft
4.0 ft	7.24 fc	26.56 fc	1.0 ft	1.0 ft
6.0 ft	3.62 fc	13.28 fc	1.5 ft	1.6 ft
8.0 ft	1.81 fc	6.64 fc	2.0 ft	2.2 ft
10.0 ft	0.90 fc	3.32 fc	2.5 ft	2.7 ft
12.0 ft	0.72 fc	2.65 fc	3.0 ft	3.2 ft

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

40° Beam Angle



Polar Candela Distribution (HO Green)

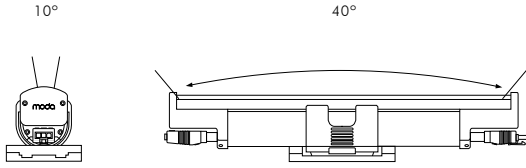


Illuminance at a Distance (HO Green)

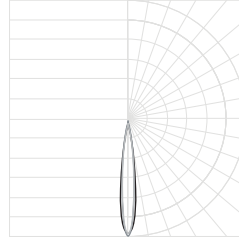
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	13.22 fc	48.64 fc	1.0 ft	0.8 ft
4.0 ft	3.30 fc	12.16 fc	1.9 ft	1.5 ft
6.0 ft	1.65 fc	6.08 fc	2.8 ft	2.4 ft
8.0 ft	0.82 fc	3.04 fc	3.8 ft	3.2 ft
10.0 ft	0.41 fc	1.52 fc	4.8 ft	4.0 ft
12.0 ft	0.33 fc	1.21 fc	5.7 ft	4.7 ft

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

10°x40° Beam Angle



Polar Candela Distribution (HO Green)

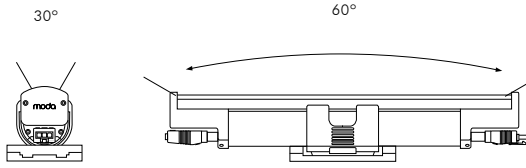


Illuminance at a Distance (HO Green)

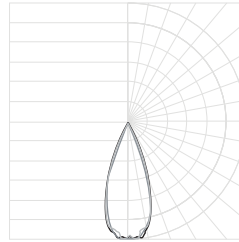
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	33.03 fc	122.23 fc	0.7 ft	0.5 ft
4.0 ft	8.25 fc	30.55 fc	1.5 ft	1.0 ft
6.0 ft	4.12 fc	15.27 fc	2.2 ft	1.4 ft
8.0 ft	2.06 fc	7.63 fc	3.0 ft	1.9 ft
10.0 ft	1.03 fc	3.81 fc	4.6 ft	2.4 ft
12.0 ft	0.82 fc	3.05 fc	4.4 ft	3.0 ft

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

30°x60° Beam Angle



Polar Candela Distribution (HO Green)

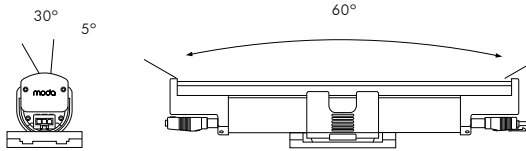


Illuminance at a Distance (HO Green)

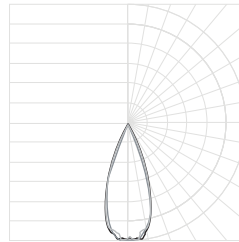
	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	84.00 fc	311.52 fc	1.3 ft	2.0 ft
4.0 ft	21.00 fc	77.88 fc	3.1 ft	4.7 ft
6.0 ft	10.50 fc	38.94 fc	4.0 ft	6.6 ft
8.0 ft	5.25 fc	19.47 fc	5.8 ft	9.3 ft
10.0 ft	2.62 fc	9.73 fc	7.0 ft	11.2 ft
12.0 ft	2.10 fc	7.78 fc	9.0 ft	14.0 ft

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

Forward Throw Asymmetric Beam Angle



Polar Candela Distribution (HO Green)

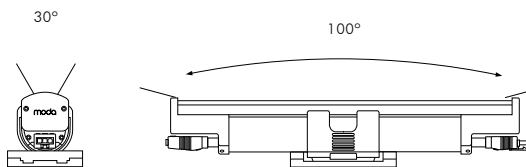


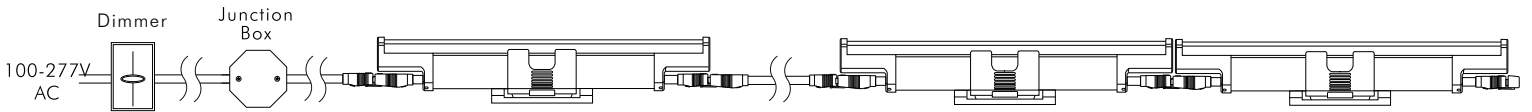
Illuminance at a Distance (HO Green)

	Center Beam FC		Beam Width	
	1 Foot	4 Foot		
2.0 ft	12.17 fc	45.22 fc	1.3 ft	0.3 ft
4.0 ft	3.04 fc	11.30 fc	2.6 ft	0.9 ft
6.0 ft	1.52 fc	5.65 fc	3.9 ft	1.3 ft
8.0 ft	0.76 fc	2.82 fc	5.2 ft	1.6 ft
10.0 ft	0.38 fc	1.41 fc	6.5 ft	1.9 ft
12.0 ft	0.30 fc	1.13 fc	7.8 ft	2.6 ft

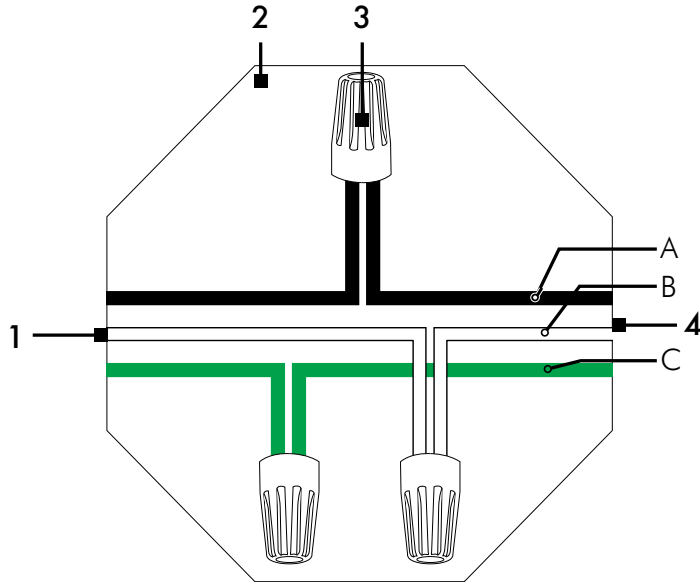
▲ Vert. Spread: 30°      ▲ Horiz. Spread: 60°

30°x100° Beam Angle

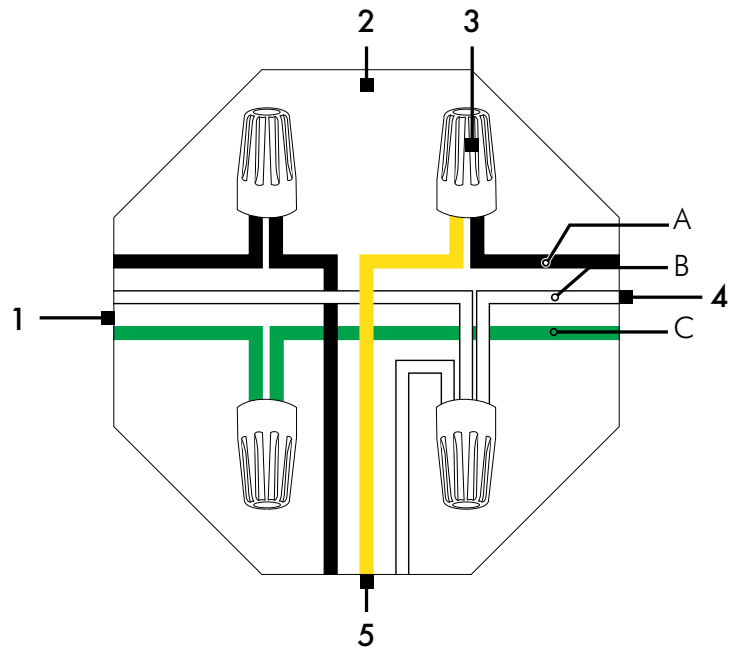




UL / cUL Non-dimming



UL / cUL ELV Dimming



**Wiring Legend**

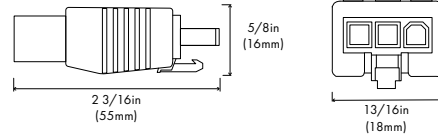
1	Power 100-277V AC
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

**3 Pin Leader Cable**

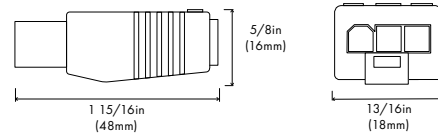
UL/cUL	
A Live 100-277V AC	— Black
B Neutral	— White
C Ground	— Green

**ELV Connectors**

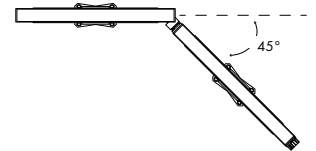
**Male**



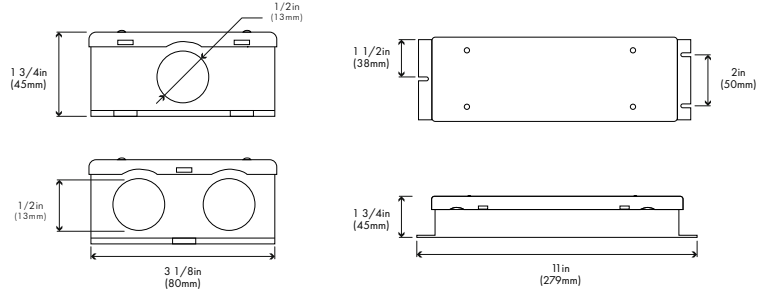
**Female**



**Angle Adjustment**



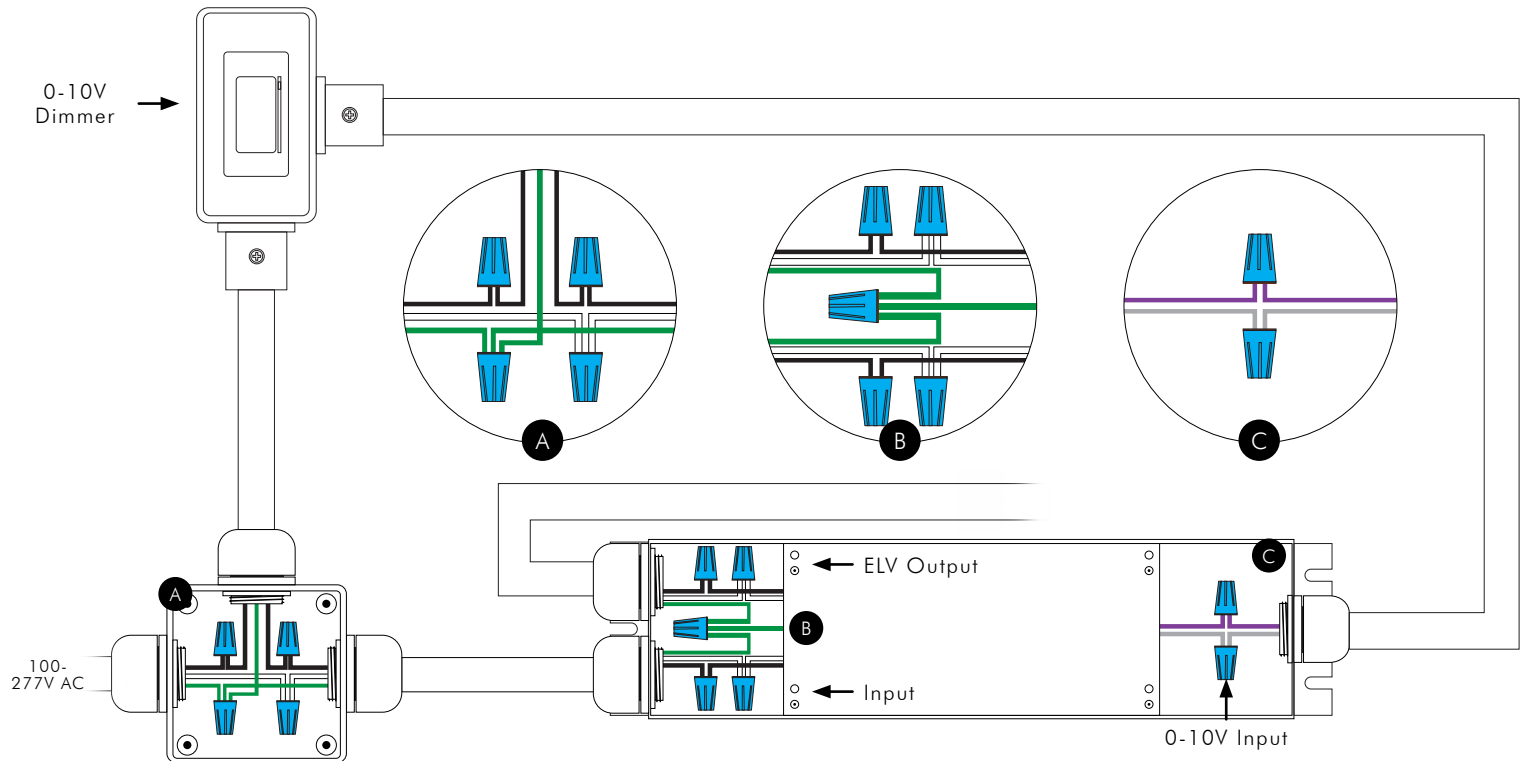




## MODA BRIDGE 1

### Converting 0-10V to ELV.

MODA BRIDGE 1 solves many installation issues. It accepts a standard 0-10V signal from most dimmers and dimming systems and internally converts this signal into a Electronic Low Voltage (ELV) signal. Thus enabling 0-10V control of an ELV fixture. It is optimized to perform precise smooth flicker free dimming down to 0%. Simple wiring with its integral 1/2in holes which accepts liquid tight or interior conduit connectors. Wire to any 100-277V 50/60 Hz feed. Power up to 840W of fixtures at 120V, 1600W at 230V, and 1900W at 277V. Fully potted enables the installer to mount this product virtually anywhere with its Wet Location IP65 rating. Fully protected from surge, short circuit, open circuit and over temperature. Power Input and data interface protected with High Grade Surge Protection. Designed and developed by MODA LIGHT, Las Vegas USA



### Input

	UL/cUL	
Live 100-277V AC		Black
Neutral		White
Ground		Green
0-10V / Data +		Purple
0-10V / Data -		Pink

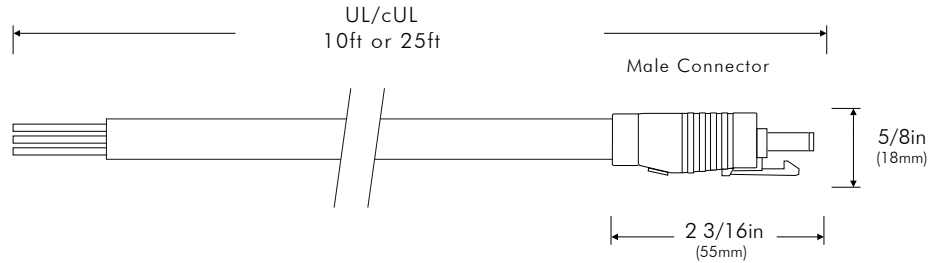
### Output

	UL/cUL	
Live 100-277V AC		Black
Neutral		White
Ground		Green

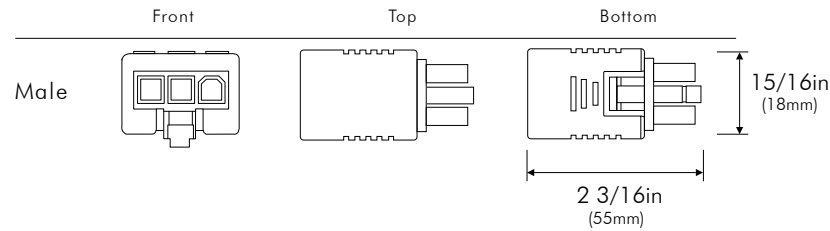
## ELV Leader Cables

### Moda Cove Interior 3 Pin Leader Cables

	UL/cUL
<b>Lengths</b>	10ft and 25ft
<b>Color</b>	Gray



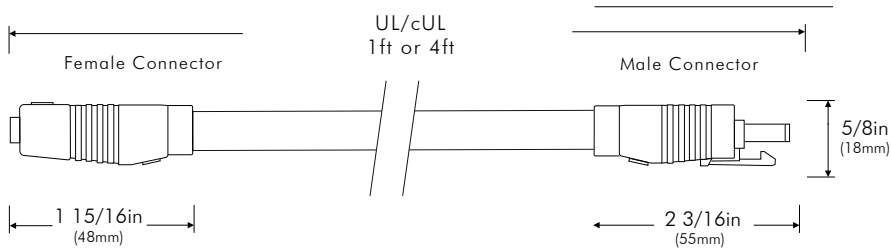
#### Connectors



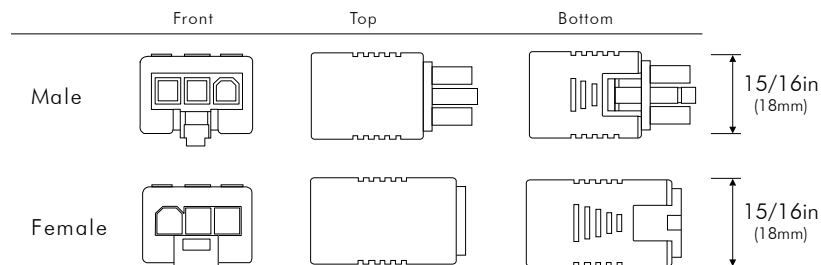
## ELV Jumper Cables

### Moda Cove Interior 3 Pin Jumper Cables

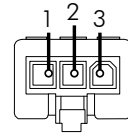
	UL/cUL
<b>Lengths</b>	1ft and 4ft
<b>Color</b>	Gray



#### Connectors

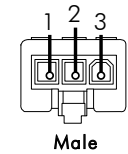


#### Pin Assignment

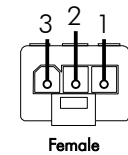


	UL/cUL
1 Live 100-277V	Black
2 Ground	Green
3 Neutral	White

#### Pin Assignment



	UL/cUL
1 Live 100-277V	Black
2 Ground	Green
3 Neutral	White



	UL/cUL
1 Live 100-277V	Black
2 Ground	Green
3 Neutral	White



COMPLETE SKU SAMPLE: MGI-HOP-S1-S-IB-1-310

**A - FIXTURE & LOCATION**

---

MGI — Moda Graze Interior

**E - LED COLOR**

---

R — Red  
G — Green  
B — Blue  
A — Amber

**B - LIGHT OUTPUT**

---

HO — High Output  
HOP — High Output Plus

**F - LENGTH**

---

1 — 1FT  
4 — 4FT

**C - SERIES NUMBER**

---

S1 — Series 1

**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°

\* Available only in HOP

**D - PRODUCT FINISH**

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S — Silver

ACCESSORIES	DESCRIPTION	ORDERING SKU
Leader Cable US 3 Pin 10FT	Power to first fixture of run	MLCI-US-3PIN-G-10FT
Leader Cable US 3 Pin 25FT	Power to first fixture of run	MLCI-US-3PIN-G-25FT
Jumper Cable US 3 Pin 1FT	Connection between fixtures	MJCI-US-3PIN-G-1FT
Jumper Cable US 3 Pin 4FT	Connection between fixtures	MJCI-US-3PIN-G-4FT
Terminator 3 Pin	Must be fixed to last fixture for safety	MTI-3PIN-G
Interior Bracket Lock	Holds fixture in place for vertical installation	MCGI-BL-G

CONTROLS	DESCRIPTION	PART NUMBER	ORDERING SKU
MODA Bridge 1 2.0 US	Allows user to convert a 0-10V dimming signal into an ELV dimming signal. North American Model	MODA-BRIDGE-1-S2-S	250-0000