

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

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

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

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



#### Miniature Line Voltage Graze Fixture.

MODA MINI GRAZE INTERIOR is an exciting brand new Wall Grazing Lighting System built upon our award winning, patented, MINI COVE Series. This patented series is now available in DMX controllable Dynamic White. Ideal for cove and alcove applications where high quality tunable white is a requirement. Advanced MODA Microprocessors allows the fixtures to be controlled via standard DMX512 signals. This, together with a non-linear dimming algorithm, results in ultra smooth transitions and dimming across the white light spectrum.

Wall wash any indoor application with its integral linear optic of 30° x 100° for a perfect asymmetric beam pattern with no color over angle, no striations and no dark spots up to 20ft (6m). Achieve long single runs of up to 240 feet, decreasing the number of wiring circuits required in an installation. Another step forward in this category of small sized fixtures is the universal power input. We designed a small MODA Micro Driver specific for MINI GRAZE enabling it to accept 100-277V AC 50/60Hz, decreasing the number of SKUs needed to be held by any of our worldwide distributors and giving the installer a choice of power inputs from one fixture.

The fixture incorporates an integral, patented, self-locking bracket which can slide along the body of the fixture and be rotated 170 degrees. The built-in male & female connectors have thumb latch connectors resulting in fast, simple installation. Constructed from lightweight, durable aluminum with excellent thermal characteristics as well as integrating quality American made electronic components. The specialized polymer optical lens combined with a cleverly designed Light Chamber delivers a light bending 30° x 100° beam pattern, perfect for cove installations with no color over angle, no striations or dark spots.

With the ability to mix our own phosphors MODA MINI GRAZE INTERIOR maintains a High Color Rendering Index of 96-98 regardless of the color temperature selected. R1-R15 tested to TM30-15 with values in excess of 90, creating beautiful illumination.

MODA MINI GRAZE INTERIOR Dynamic White enables the user to control color temperature within the same small fixture. Research has shown that adjusting color temperature will affect mood. The sun naturally cycles through various color temperatures every day. Cooler color temperatures stimulate a focused, alert state and increase productivity. Warmer color temperatures contributes to a calmer, relaxing environment and data shows it enhances melatonin production at night. MODA Dynamic White is able to mimic daylighting and the natural circadian rhythms that accompany it. Specifiers are encouraging the use of these platforms to enhance education, healthcare, retail, hospitality and even correctional facilities. Yellows and gold finishes are enhanced with warmer color temperatures. Silvers appear brighter with cooler color temperatures. While enhancing the ambience of space using Dynamic White is an important aspect of the technology, the ability to address and control each 1ft fixture individually also allows the user to create various scenes within the white light installation; for example color temperature cross fades, chasing scenes and sparkles.

Choose from Dynamic White (2200K-6500K), Dynamic Warm (1800K-3000K) or Dynamic Cool (3500K-6500K). 1800K is candlelight - perfect for hospitality. 2700K is an excellent example of incandescent looking illumination. Colors are crisp and sharp, ideal for all applications which require a high quality incandescent look. The MODA LIGHT 3000K is often described as one of the best looking 3000K in the industry. 3500K is the color which has now become our standard go-to temperature. 4000K is perfect for offices and retail. Single binning means every fixture will have the same CCT - something that MODA has been achieving since 2006. Choose from 1ft or 4ft sections. Accessories include a MODA DMX Wiring Hub for fast hassle-free wiring and an easy to install mounting track. Choose from 1ft or 4ft Dynamic White fixtures.

Tested by Intertek to UL1598 for use in USA & Canada. CE Approved. WEE. RoHS Compliant. TM-30-15 Tested. US Patent No. D787,112 and D783,890. Title 24, JA8-2019.

Product Innovation Award (PIA) Winner 2016 for Best Luminaire. LFI Innovation Award 2017 Finalist for Dynamic Color, Theatrical, Cove, Strips and Tape. Lux Award Commended for Interior Product of the Year 2016. Darc Awards Finalist for Best Architectural Lighting Product - Interior Luminaires 2016. International Design Excellence Award for Innovative Product Design Finalist 2016.

Designed & Developed by MODA LIGHT in Las Vegas, USA.

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.

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## PHYSICAL

Dimensions	L: 12in (304mm) L: 48in (1219mm)	W: 1 13/16in (46mm) H: 1 3/16in (30mm)
Weights	1ft: 0.21 lbs (0.10 kg) 4ft: 0.38 lbs (0.17kg)	
Applications	Cove, Accent & Indirect General Illumination	
Construction	6063 Aluminum Body, Polycarbonate Self-Locking Mounting Bracket and Optical Lens	
Ingress Protection	Dry/Damp Location IP52	
Thermal Management	MODA Aluminum Heat Sink	
Beam Angle	30°X 100°	
Fixture Connections	Integral Male & Female Connectors	
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)	
Storage Temperature	-13°F ~ 158°F (-25°C ~ 70°C)	
Humidity	20-70% Non Condensing	

## OUTPUT

CCT	2200K - 6500K
SDCM	2 Step MacAdam Ellipse
Color Bin Tolerance	Zero Bin
CRI	98
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	DMX512
Power Factor	≥ 0.98

## MODA TECHNOLOGY

moda**SOFTWARE**<sup>™</sup>

moda**HARDWARE**<sup>™</sup>

moda**DMX**<sup>™</sup>

moda**GLOWDIM**<sup>™</sup>

moda**LED**<sup>™</sup>

moda**MICRO DRIVER**<sup>™</sup>

moda**PHOSPHOR**<sup>™</sup>

moda**ZERO BIN**<sup>™</sup>

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

moda**HIGH CRI**<sup>™</sup>

moda**AIRFLOW**<sup>™</sup>

moda**COLOR RENDITION**<sup>™</sup>

moda**LOCK**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>

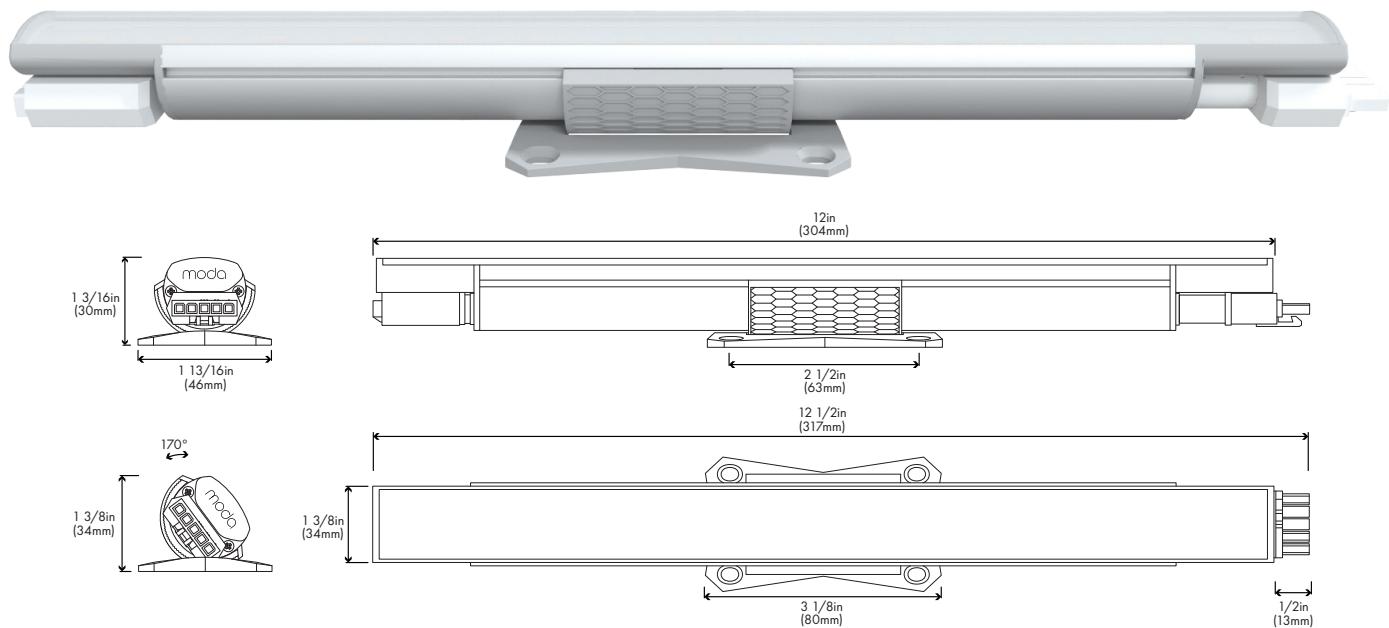


Certification Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, CCC, C-Tick, RoHS, & WEEE Compliant. Title 24, JA8-2019\*

Class 1

Warranty 5 Year Limited Warranty

\*CCT's 2200K - 4000K



## DMX

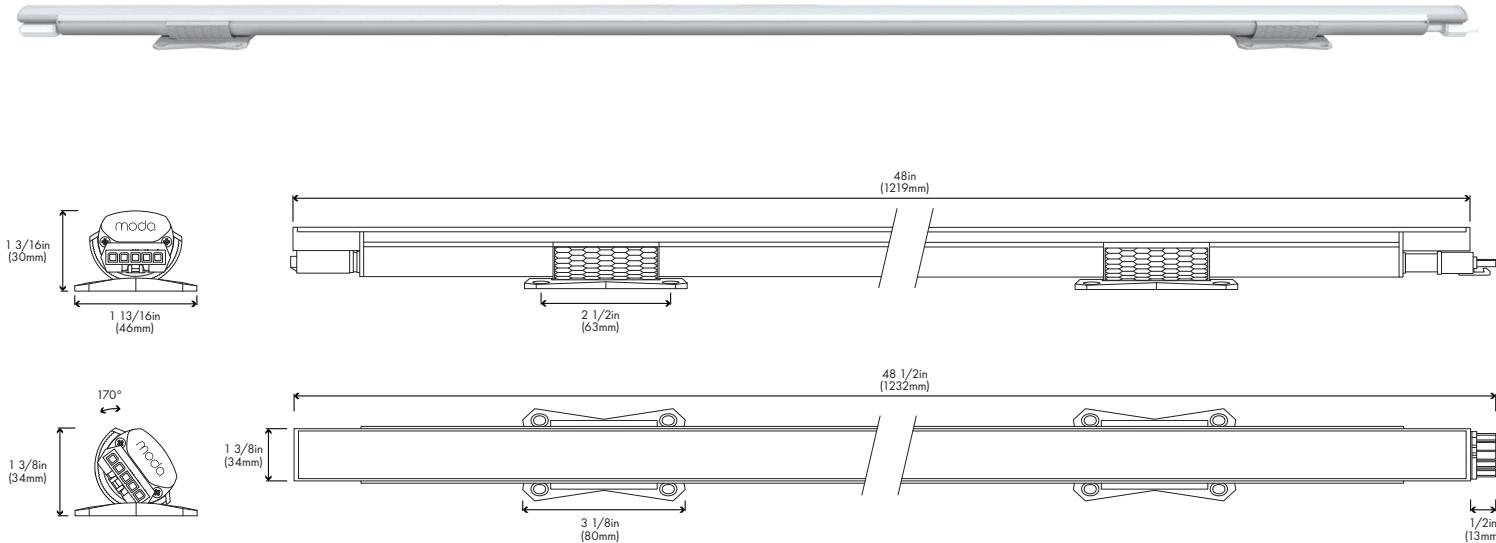
Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
2200K - 6500K	339.46	97-98	58.52	54.75	54.75

### SO Power Consumption

120V	5.8W
240V	6.2W
277V	6.2W

### SO Max Continuous Run

120V AC	120 ft
240V AC	240 ft
277V AC	240 ft



## DMX

Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
2200K - 6500K	1357.82	97-98	77.51	77.51	76.80

## Power Consumption

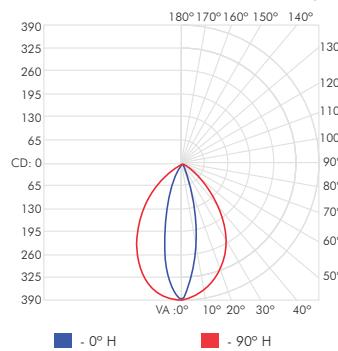
120V	21.6W
240V	21.6W
277V	21.8W

## Max Continuous Run

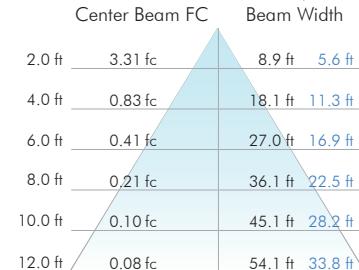
120V AC	120 ft
240V AC	240 ft
277V AC	240 ft

## 1 FOOT

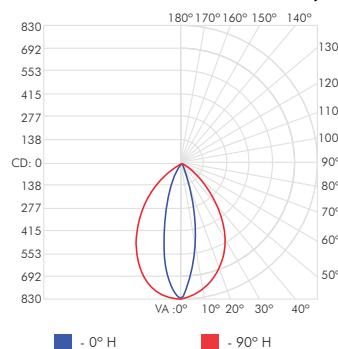
### Polar Candela Distribution (2200K)



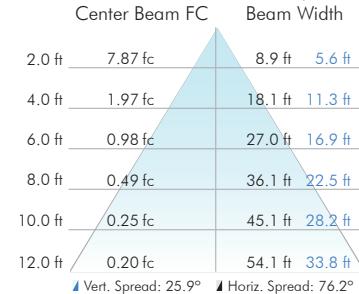
### Illuminance at a Distance (2200K)



### Polar Candela Distribution (6500K)

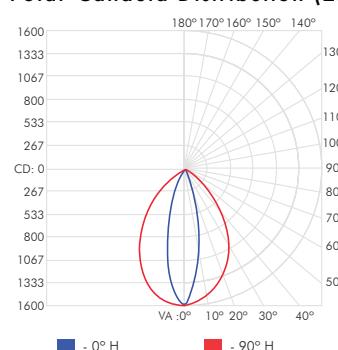


### Illuminance at a Distance (6500K)



## 4 FOOT

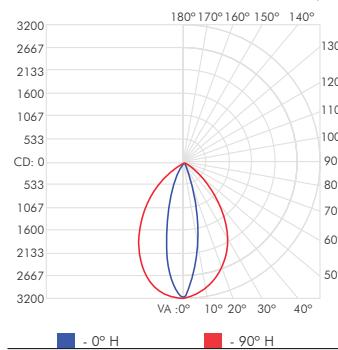
### Polar Candela Distribution (2200K)



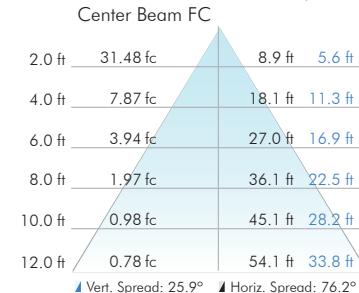
### Illuminance at a Distance (2200K)



### Polar Candela Distribution (6500K)

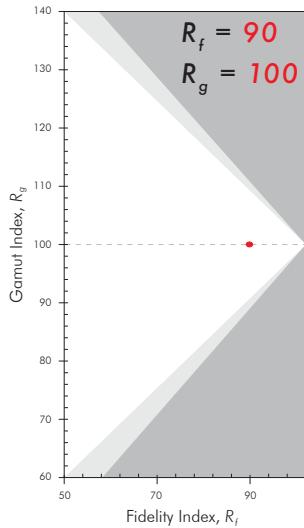


### Illuminance at a Distance (6500K)

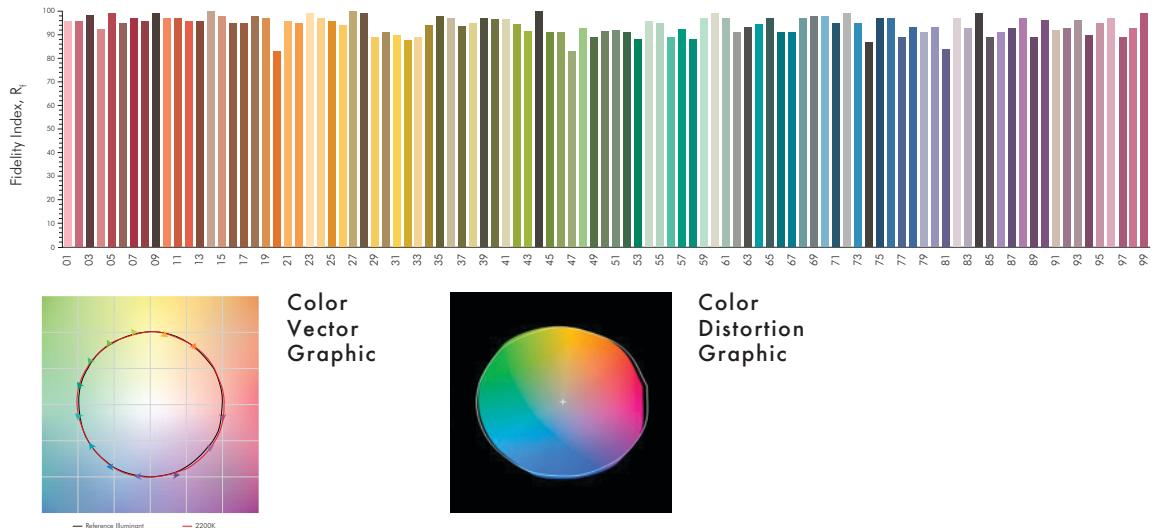


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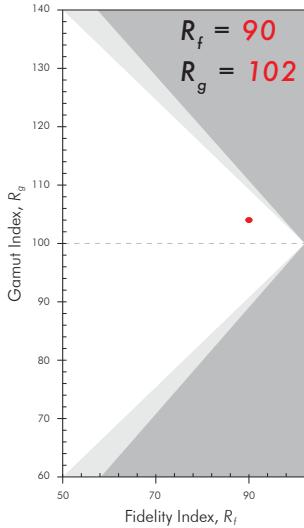
2200K TM30



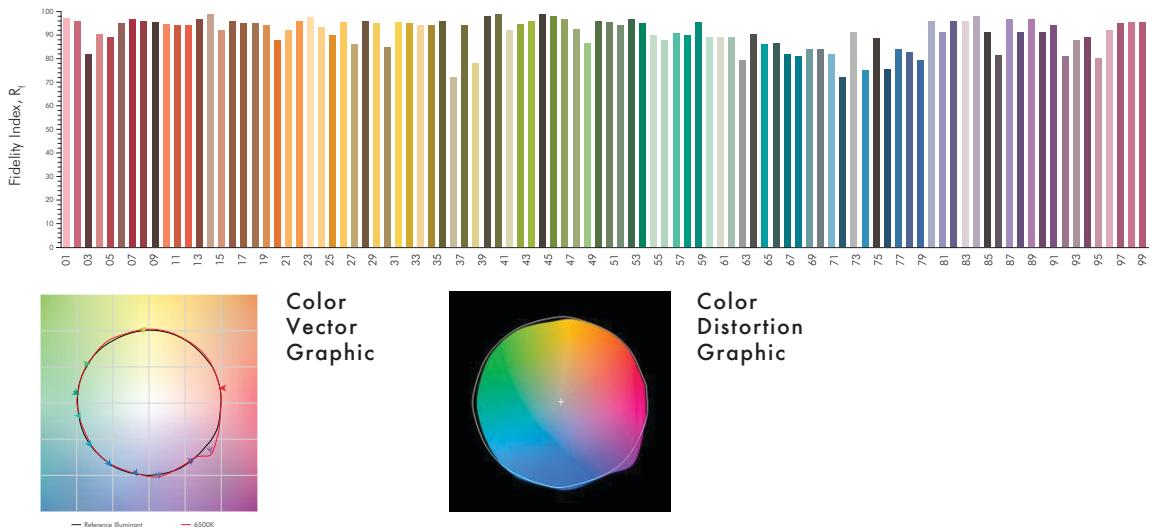
Color Evaluation Sample



6500K TM30



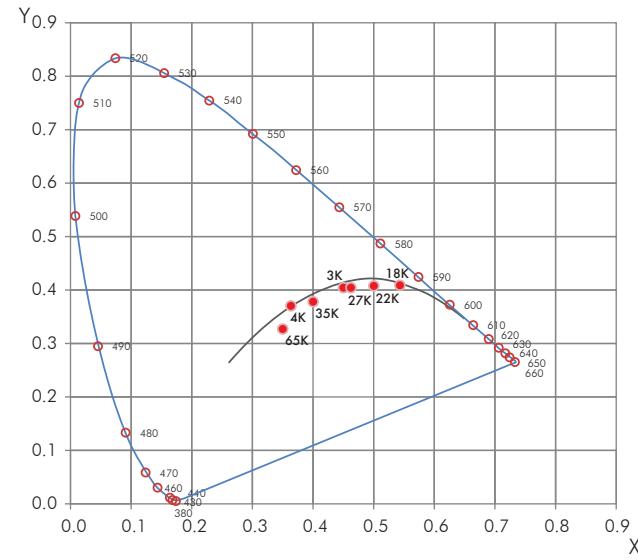
Color Evaluation Sample



R VALUES

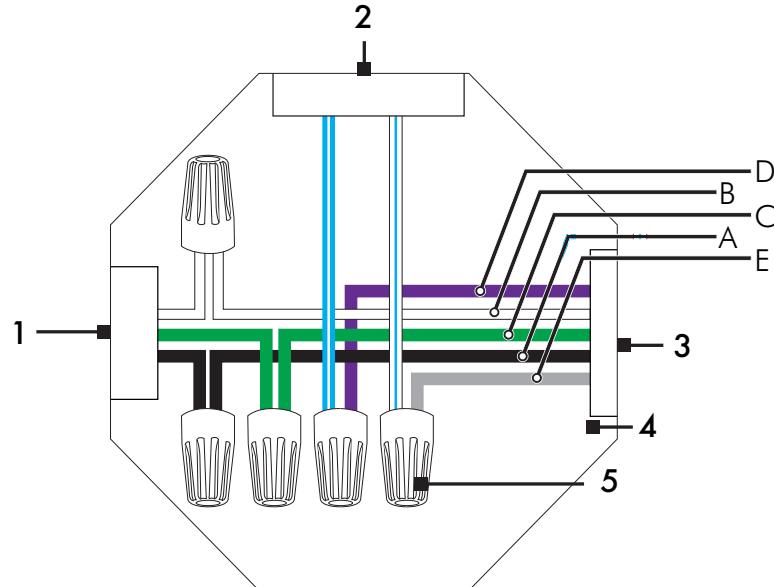
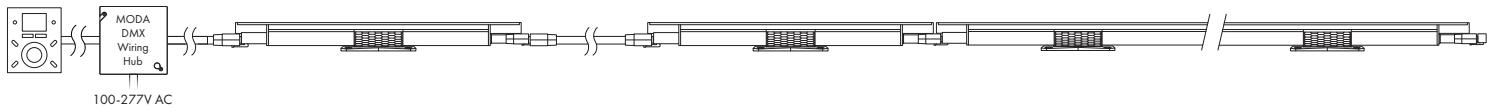
	2200K	6500K
R1	97	98
R2	98	98
R3	97	98
R4	94	94
R5	96	95
R6	94	96
R7	97	95
R8	97	95
R9	93	96
R10	98	99
R11	90	95
R12	92	70
R13	97	99
R14	96	99
R15	99	96

CIE 1931 CHROMATICITY DIAGRAM



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DMX Controller



**Wiring Legend**

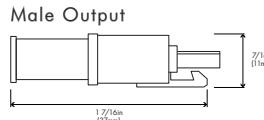
1	Power 100-277V AC
2	DMX Controller
3	5 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

**5 Pin Leader Cable**

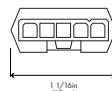
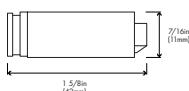
	UL/cUL	CE/CCC*
A Live 100-277V	— Black	— Brown
B Neutral	== White	— Blue
C Ground	— Green	— Green/Yellow
D DMX Positive	— Purple	— Black
E DMX Negative	— Gray	— Gray

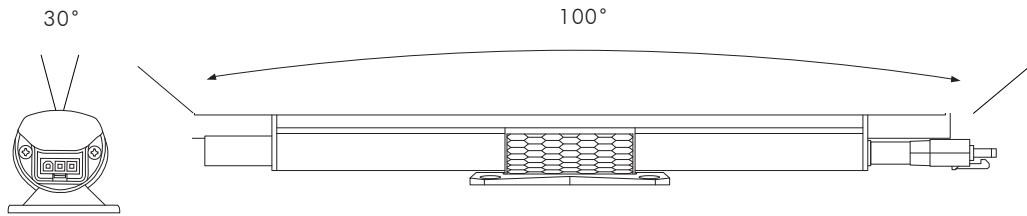
\*Not illustrated

**DMX Connectors**



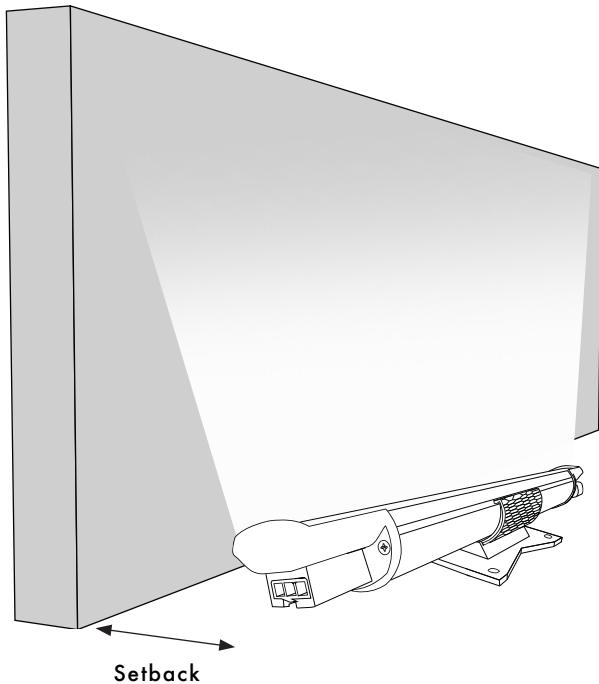
**Female Output**





#### Wallwash Optic.

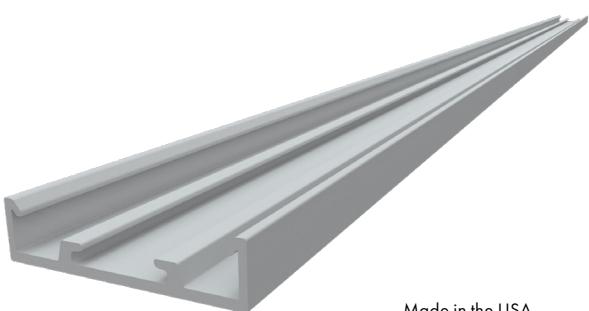
Wall wash any indoor application with its integral linear optic of 30° x 100° for a precise beam pattern with no color over angle, no striations and no dark spots up to 20ft (6m).



#### Setback Chart

10ft Wall                    1ft

**Recommended Setback from wall is 1/10 of wall height.**



Made in the USA

## MODA MINI COVE MOUNTING TRACK

### MOUNTING MINI COVE

Allows users to install Moda Mini Cove fixtures in a continuous linear position. Moda Mini Cove Mounting Tracks come packaged in 5 pieces of 4ft sections to create a continuous run of 20ft.

Made in the USA.

### Options

Finish G - Gray

Length 4ft - 4ft Sections

Quantity 5 Pieces (20ft)

### Physical

Applications Cove, Accent

Construction ABS Plastic



## MODA MINI COVE TRACK CONNECTOR

Joins two pieces of track together.

### Accepts screw sizes

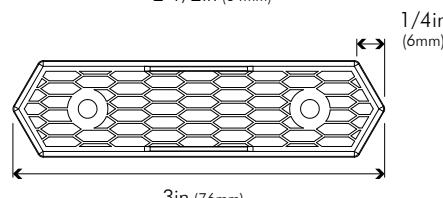
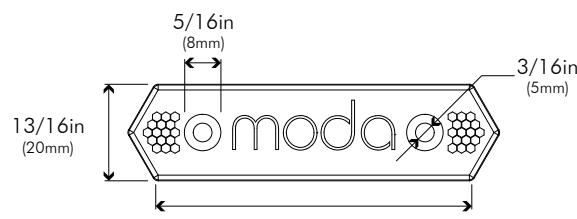
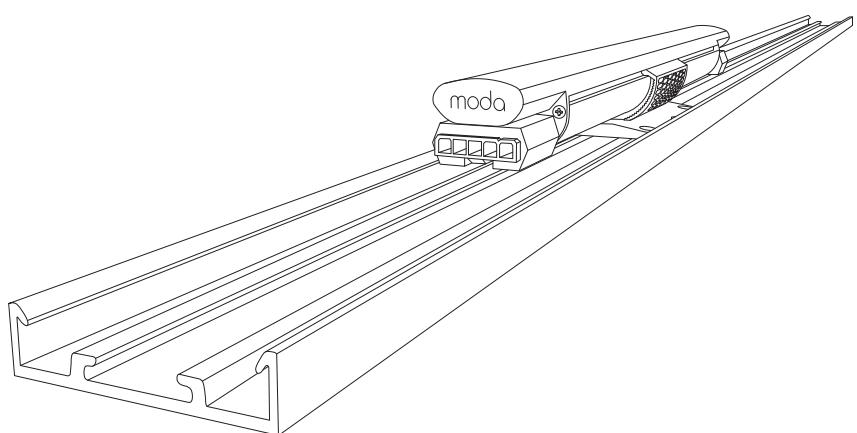
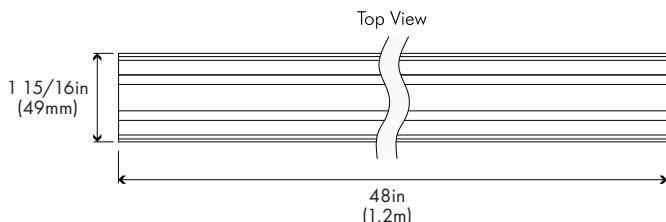
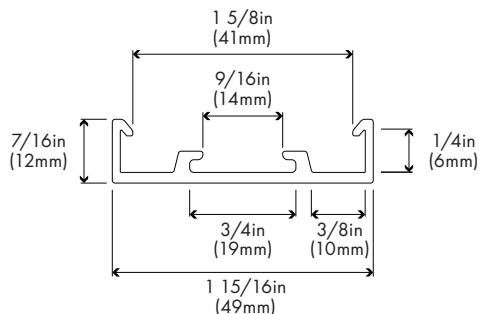
Drywall	#6	#8
---------	----	----

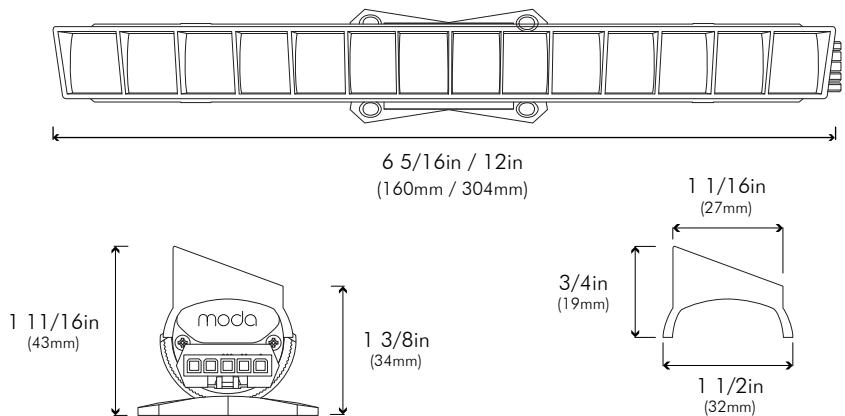
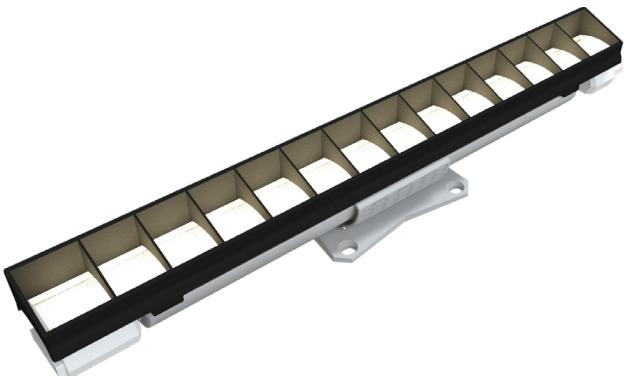
Self tapping	#6	#8
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Concrete Anchor	3/16in
-----------------	--------

(By others)

## ACCESSORIES: MOUNTING TRACK





## MODA MINI COVE LOUVERS ASYMMETRIC

Provides light control and cutoff of glare for cove and wall grazing applications without causing significant light loss. Use four 1ft louvers for a 4ft fixture.

### Features

- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

### Options

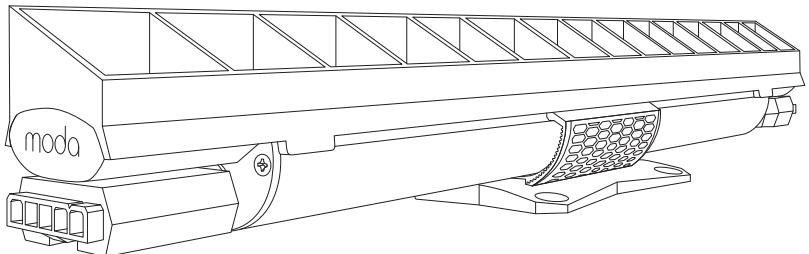
Finish                    B - BLACK

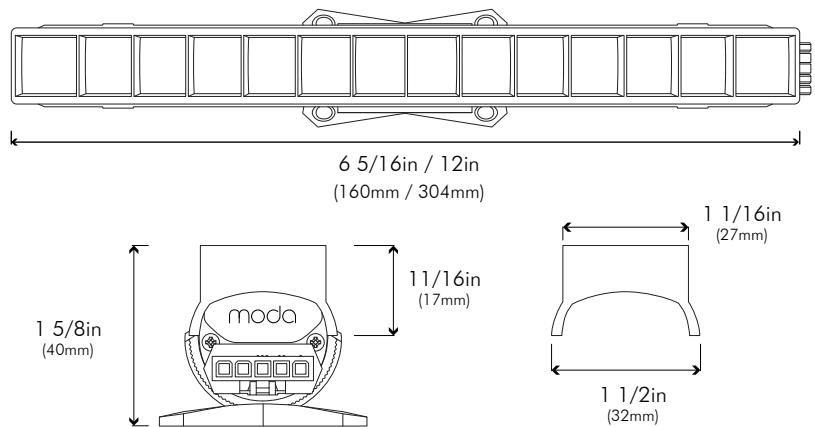
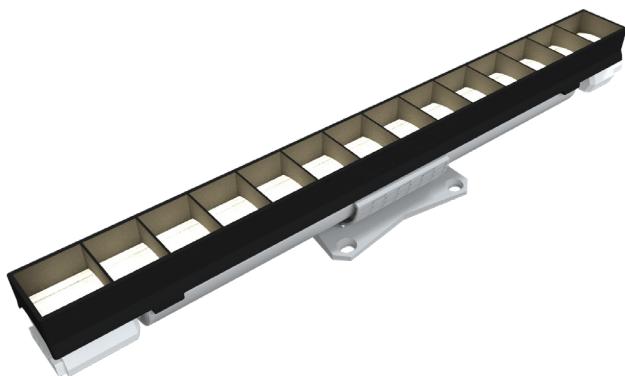
Length                  1FT

### Physical

Applications            Cove, Accent, Graze

Construction           ABS





## MODA MINI COVE LOUVERS

### SYMMETRIC

Provides light control and cutoff of glare for cove and wall grazing applications without causing significant light loss. Use four 1ft louvers for a 4ft fixture.

#### Features

- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

#### Options

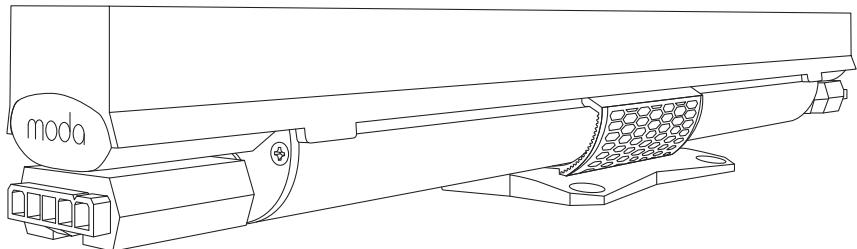
Finish                    B - BLACK

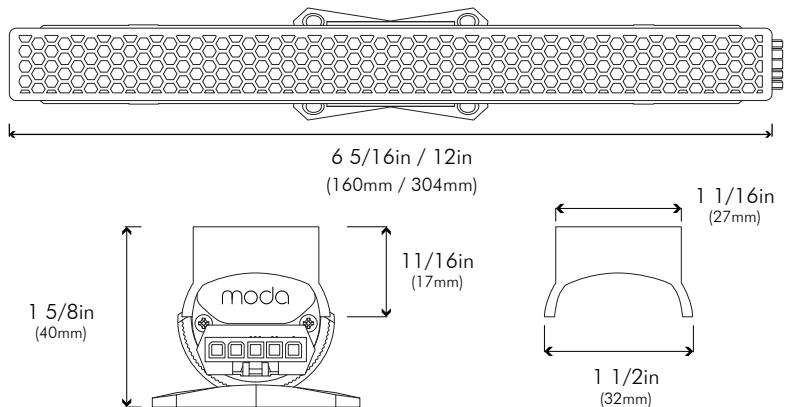
Length                  1FT

#### Physical

Applications            Cove, Accent, Graze

Construction           ABS





## MODA MINI COVE LOUVERS HONEYCOMB

Provides light control and cutoff of glare for cove and wall grazing applications without causing significant light loss. Use four 1ft louvers for a 4ft fixture.

### Features

- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

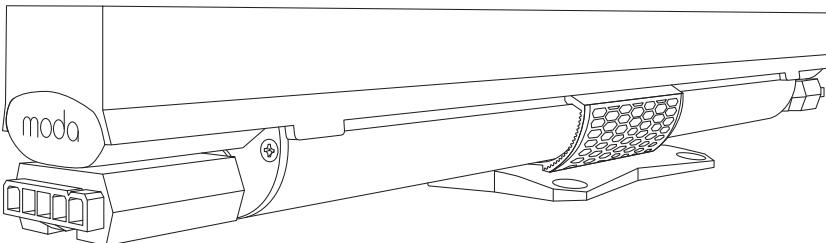
### Options

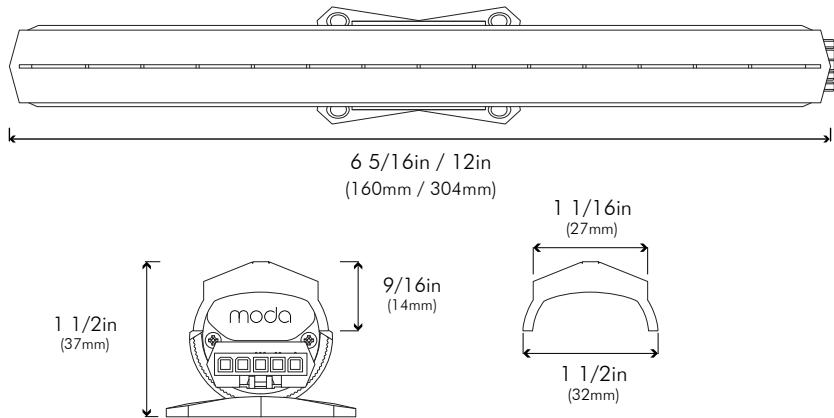
Finish	B - BLACK
Length	1FT

### Physical

Applications	Cove, Accent, Graze
--------------	---------------------

Construction	ABS
--------------	-----





## MODA MINI COVE LOUVERS BLADE

Add visual interest to any space by creating a narrow line of light, which can be seen in semi direct view or reflected off the wall or ceiling when integrated into a cove or niche. Use four 1ft louvers for a 4ft fixture.

### Features

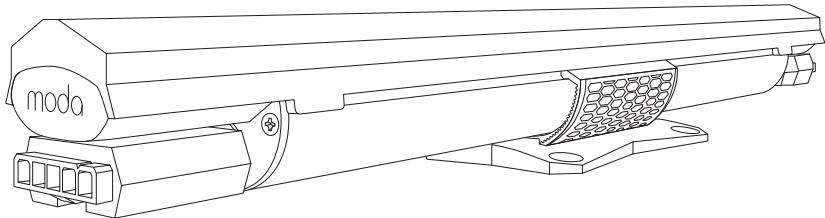
- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

### Options

Finish	B - BLACK
Length	1FT

### Physical

Applications	Cove, Accent, Graze
Construction	ABS



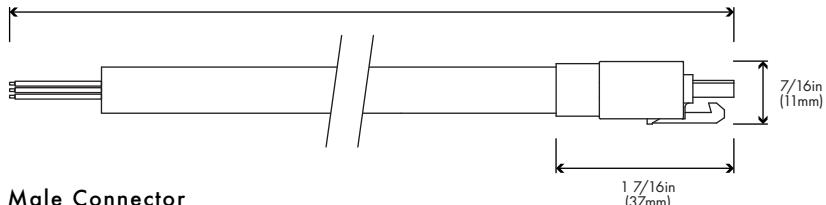
## DMX LEADER CABLES

### Moda Mini Graze Interior 5 Pin Leader Cables

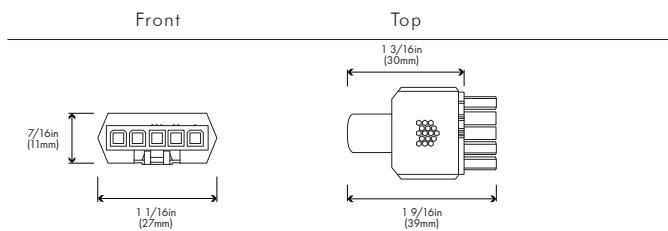
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 10m
Color	White	White

UL/cUL  
10FT or 25FT | EU/CCC  
3M or 10M

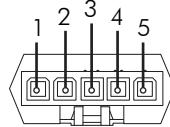
Male Connector



Male Connector



### Pin Assignment



UL/cUL EU/CCC

1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
4	DMX Positive	Purple	Black
5	DMX Negative	Gray	Gray

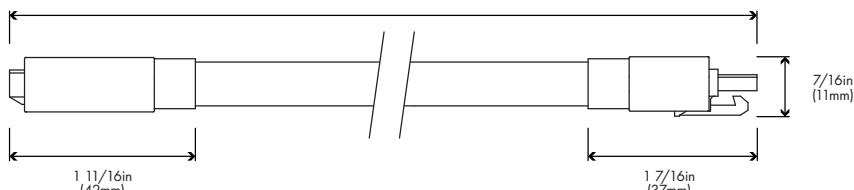
## DMX JUMPER CABLES

### Moda Mini Graze Interior 5 Pin Jumper Cables

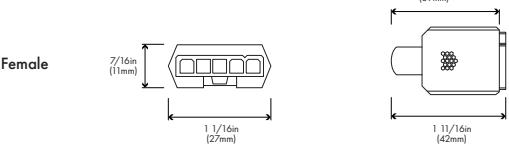
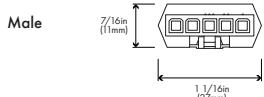
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	White	White

UL/cUL  
10FT or 25FT | EU/CCC  
3M or 10M

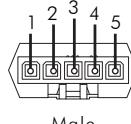
Male Connector



Connectors

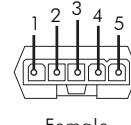


### Pin Assignment



UL/cUL EU/CCC

1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/Yellow
4	DMX Positive	Purple	Black
5	DMX Negative	Gray	Gray



UL/cUL EU/CCC

1	DMX Negative	Gray	Gray
2	DMX Positive	Purple	Black
3	Ground	Green	Green/Yellow
4	Neutral	White	Blue
5	Live 100-277V	Black	Brown

Fixture		Part Number	Ordering SKU
1FT	Moda Mini Graze Interior Standard Output Silver DMX512 Dynamic White HCRI 1FT	MMGI-S-S-DWH-1	146-1003
4FT	Moda Mini Graze Interior Standard Output Silver DMX512 Dynamic White HCRI 4FT	MMGI-S-S-DWH-4	146-3003

Accessories	Description	Part Number	Ordering SKU
Leader Cable US 5 Pin 10FT	Power to first fixture of run	MLCI-US-5PIN-W-10FT	299-0100
Leader Cable US 5 Pin 25FT	Power to first fixture of run	MLCI-US-5PIN-W-25FT	299-0102
Jumper Cable US 5 Pin 1FT	Connection between fixtures	MJCI-US-5PIN-W-1FT	299-1100
Jumper Cable US 5 Pin 4FT	Connection between fixtures	MJCI-US-5PIN-W-4FT	299-1102
Leader Cable EU 5 Pin 3M	Power to first fixture of run	MLCI-EU-5PIN-W-3M	299-0101
Leader Cable EU 5 Pin 10M	Power to first fixture of run	MLCI-EU-5PIN-W-10M	299-0103
Jumper Cable EU 5 Pin 300MM	Connection between fixtures	MJCI-EU-5PIN-W-300MM	299-1101
Jumper Cable EU 5 Pin 1M	Connection between fixtures	MJCI-EU-5PIN-W-1M	299-1103
Terminator 5 Pin	Must be fixed to last fixture for safety	MTI-5PIN-W	299-2100
Mounting Track 20FT	Allows user to install fixtures in a continuous linear position. Packaged in 5 4ft sections in total of 20ft.	MMC-20-TRACK-1-S1-G	299-3200
Mounting Track Connector	Interior track connector	N/A	299-3202
Symmetric Louver 1FT	Symmetric louver for light control	N/A	299-4230
Asymmetric Louver 1FT	Asymmetric louver for light control	N/A	299-4231
Honeycomb Louver 1FT	Honeycomb louver for light control	N/A	299-4232
Blade Louver 1FT	Blade louver for light control	N/A	299-4233

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

Control Accessories	Description	Part Number	Ordering SKU
Moda DMX Wiring Hub 2.0	Simplifies wiring and strengthens DMX signal.	N/A	250-0100
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