

Client: \_\_\_\_\_ Project Name: \_\_\_\_\_  
 MODA Contact: \_\_\_\_\_ E-Mail: \_\_\_\_\_  
 SKU: \_\_\_\_\_ Type: \_\_\_\_\_ PO#: \_\_\_\_\_ Quantity: \_\_\_\_\_  
 Notes: \_\_\_\_\_  
 \_\_\_\_\_



### MINIATURE LINE VOLTAGE COVE FIXTURE

MODA MINI COVE GLOWDIM INTERIOR is an award winning, patented, miniature line voltage cove lighting system. MODA GLOWDIM TECHNOLOGY enabled fixtures transition at 100% from 2700K to 1800K, 3000K to 2200K, or 3500K to 2200K when dimmed. "Dim to Warm", this feature resembles incandescent illumination and transforms hospitality and residential spaces into warm and inviting environments.

The GLOWDIM experience is exactly as the name says. The MODA Microprocessor performs thousands of calculations as the fixture gradually reduces its CCT and decreases its intensity creating a smooth dimming curve down to true low intensity like candle light. It is for this reason we call this technology GLOWDIM and that is why it won the Product Innovation Award (PIA) 2017 for components and Light Sources.

The Onboard Microprocessor, programmed by our MODA Software Division with Advanced Firmware, ensures MINI COVE delivers smooth and synchronized GLOWDIM dimming down to 0%. (The actual dimming minimum value is dependent upon the dimmer selected.) Additional adapters, converters, or control modules are not required. Use conventional 0-10V wiring direct from the dimmer to create a powerful and dynamic lighting system. MODA MINI COVE GLOWDIM is also available in a version for [DMX control](#). Link any combination of 1ft or 4ft fixtures and every fixture will dim to warm together, smoothly, synchronized from 100% to 0%. With no minimum run lengths required, just one 1ft fixture will dim seamlessly. Achieve long single runs up to 120ft at 120V, and 240ft at 277V. A MODA Micro Driver, designed specifically for MINI COVE, accepts 100-277V AC 50/60Hz.

A revolutionary new standard for MODA offers a High Color Rendering Index of 96-98, and is R1-R15 tested to TM30-15 with values in excess of 90, providing beautiful consistent cove illumination. Single binning means every fixture will have the same CCT - something MODA has been achieving since 2006. A specialized curved polymer optical lens combined with a cleverly designed Light Chamber delivers a light bending, smooth 200 degree beam pattern perfect for cove installations with no color over angle, no striations, and no dark spots.

The fixture incorporates an integral, patented, toolless self-locking bracket which slides into any position and turns 170 degrees. Built-in male & female connectors with thumb latch connections for fast installation. Lightweight aluminum construction for durability and excellent thermal characteristics. Quality American Made electronic components.

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) 2017 for Components and Light Sources. 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.

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## PHYSICAL

Dimensions	L: 12in (304mm) L: 48in (1219mm)	W: 1 13/16in (46mm) H: 1 3/16in (30mm)
Weights	1ft: 0.38 lbs (0.17kg) 4ft: 1.22 lbs (0.55 kg)	
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	200°	
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	2700K to 1800K 3000K to 2200K 3500K to 2200K
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	0-10V
Power Factor	≥ 0.98

## MODA TECHNOLOGY

moda**SOFTWARE**<sup>™</sup>

moda**HARDWARE**<sup>™</sup>

moda**DIM**<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**GLOWDIM**<sup>™</sup>

moda**AIRFLOW**<sup>™</sup>

moda**COLOR RENDITION**<sup>™</sup>

moda**LOCK**<sup>™</sup>

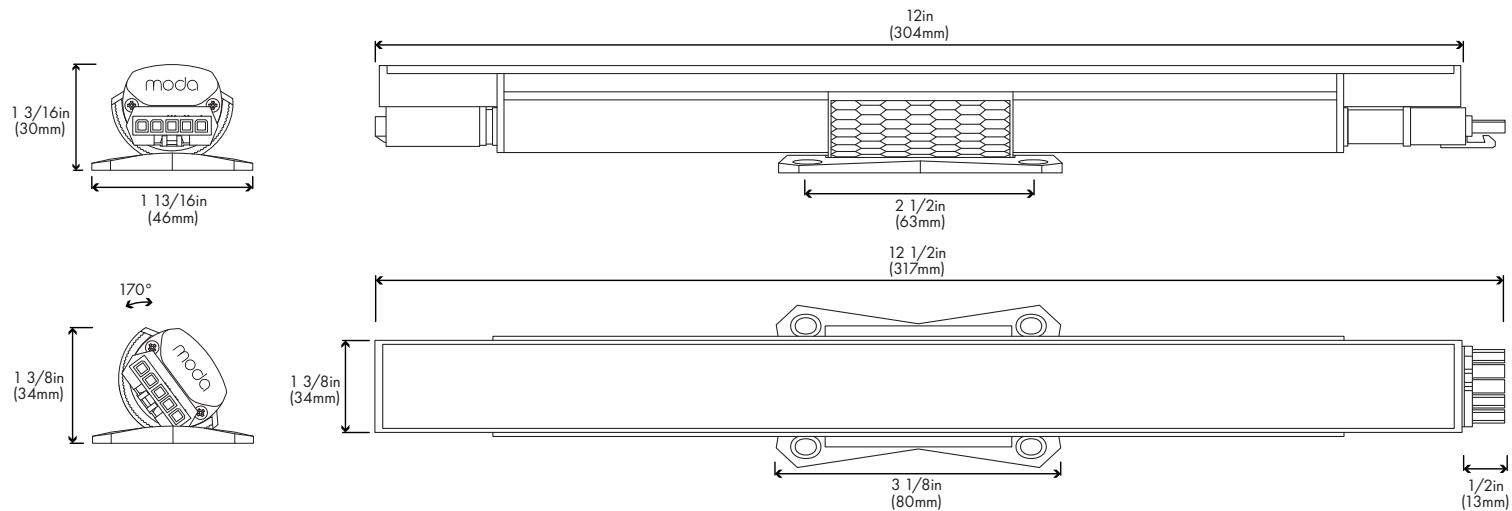
moda**KWIK CONNECT**<sup>™</sup>



**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, JAB-2019

**Class** 1

**Warranty** 5 Year Limited Warranty



## 0-10V

CCT	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
1800K	294.00	95	62.55	53.45	50.69
2200K	337.00	96	71.70	61.27	58.10
2700K	448.00	98	95.32	81.45	77.24
3000K	480.00	97	102.13	87.27	82.76
3500K	489.00	98	104.04	88.91	84.31

### Power Consumption

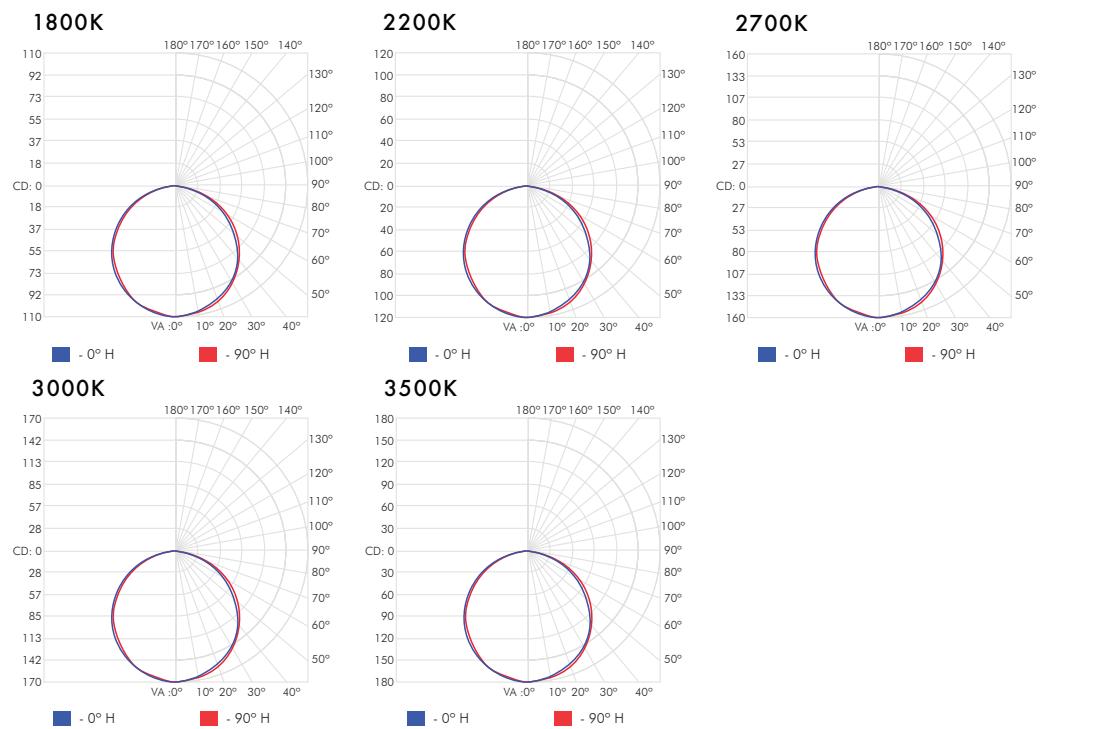
120V AC	6W
240V AC	7W
277V AC	7.5W

### Max Continuous Run

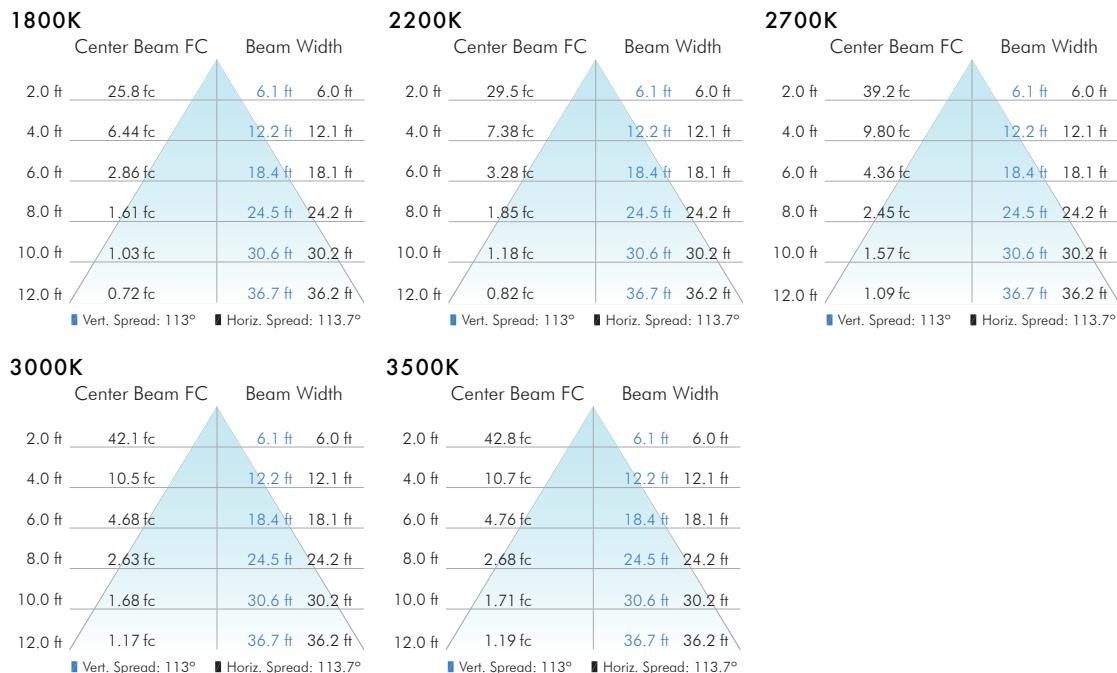
120V AC	120 ft
240V AC	240 ft
277V AC	240 ft

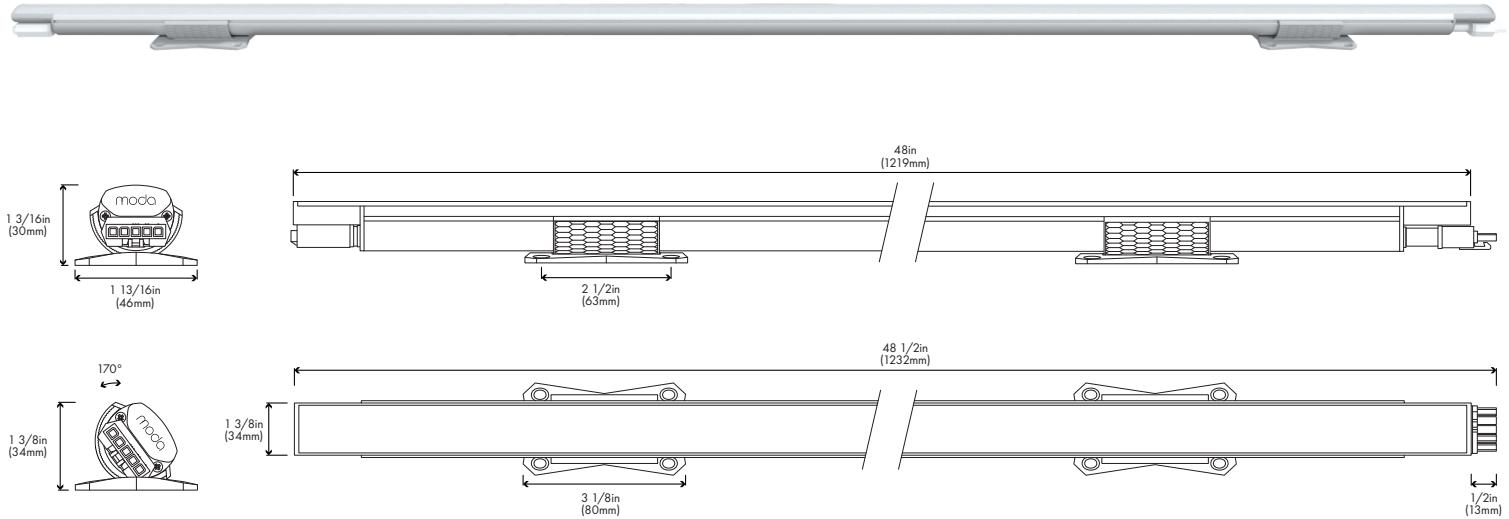
Dependent on dimming system limitations.

## POLAR CANDELA DISTRIBUTION



## ILLUMINANCE AT A DISTANCE



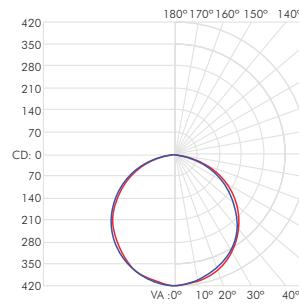


CCT	Lumens	CRI	Efficacy			Power Consumption		Max Continuous Run	
			(120V)	(240V)	(277V)	120V AC	20W	120V AC	120 ft
1800K	1176	95	66.44	60.93	60.31	240V AC	20W	240V AC	240 ft
2200K	1357	96	76.67	70.31	69.59	277V AC	21W	277V AC	240 ft
2700K	1779	98	100.51	92.18	91.23				
3000K	1818	97	102.71	94.20	93.23				
3500K	1891	98	106.84	97.98	96.97				

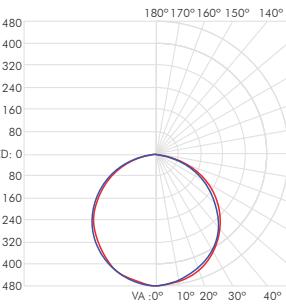
Dependent on dimming system limitations.

## POLAR CANDELA DISTRIBUTION

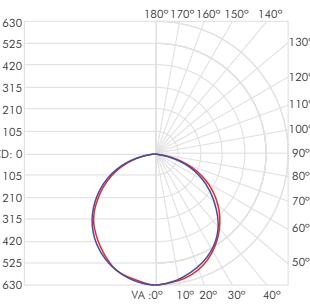
**1800K**



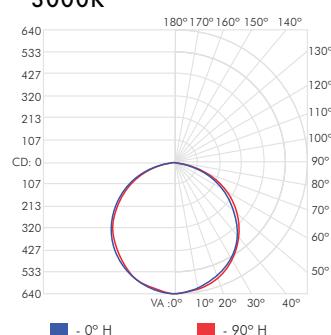
**2200K**



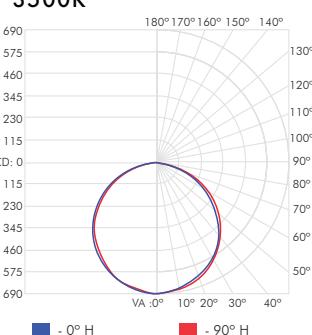
**2700K**



**3000K**

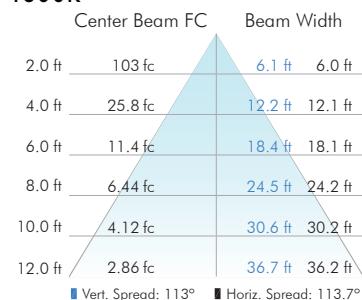


**3500K**

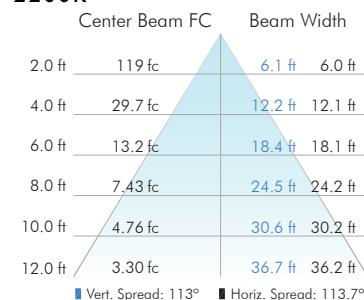


## ILLUMINANCE AT A DISTANCE

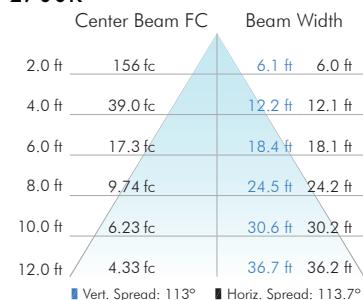
**1800K**



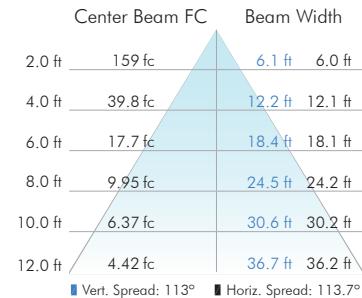
**2200K**



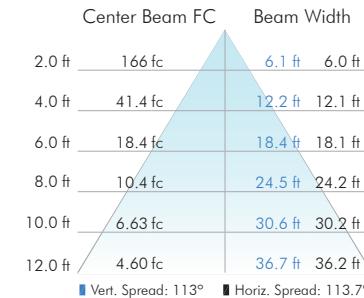
**2700K**



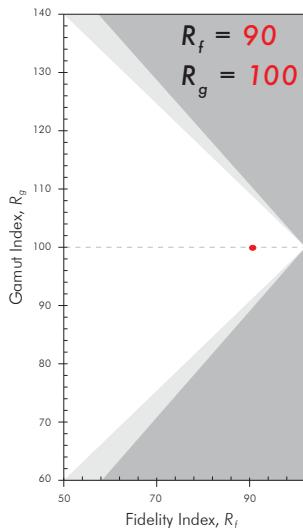
**3000K**



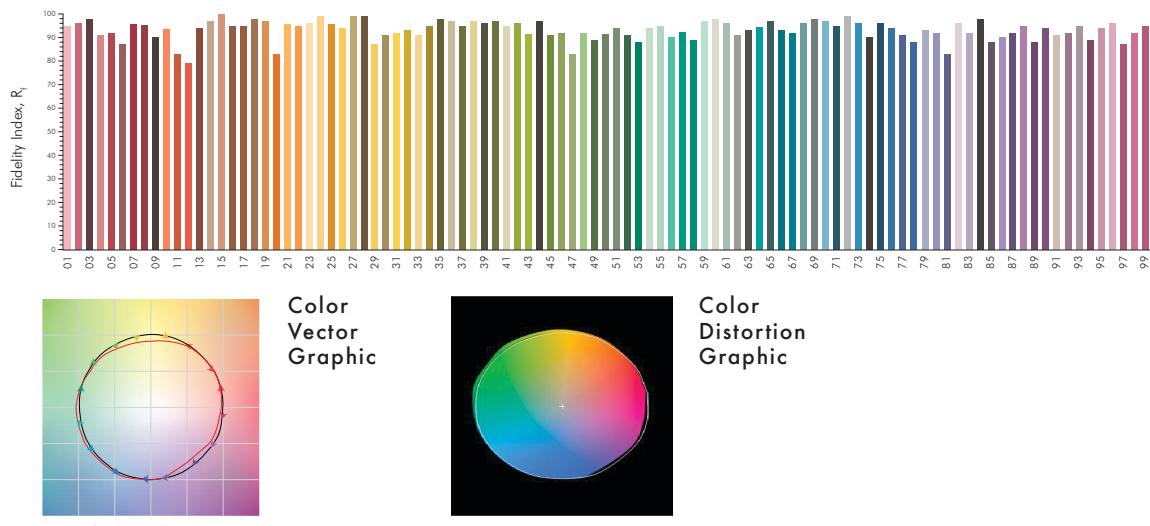
**3500K**



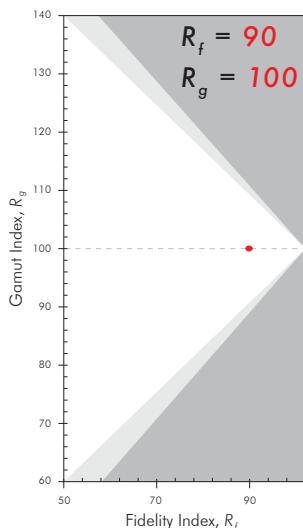
1800K TM30



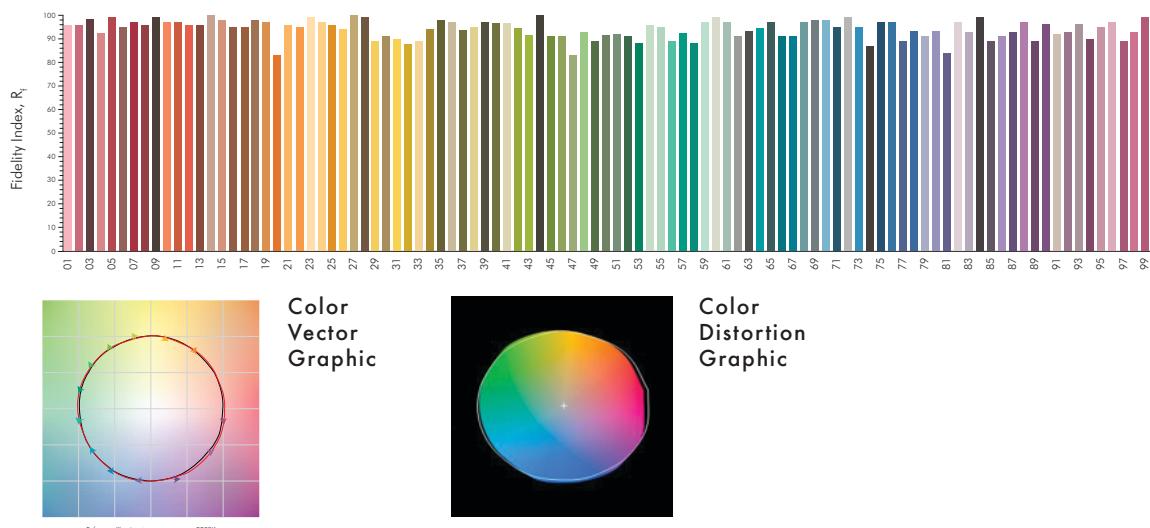
Color Evaluation Sample



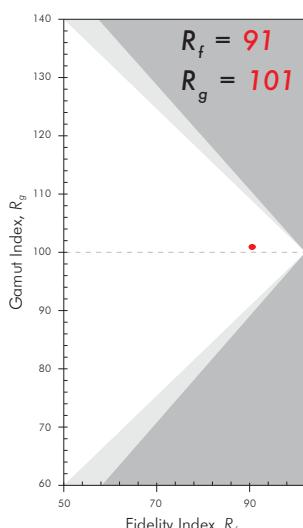
2200K TM30



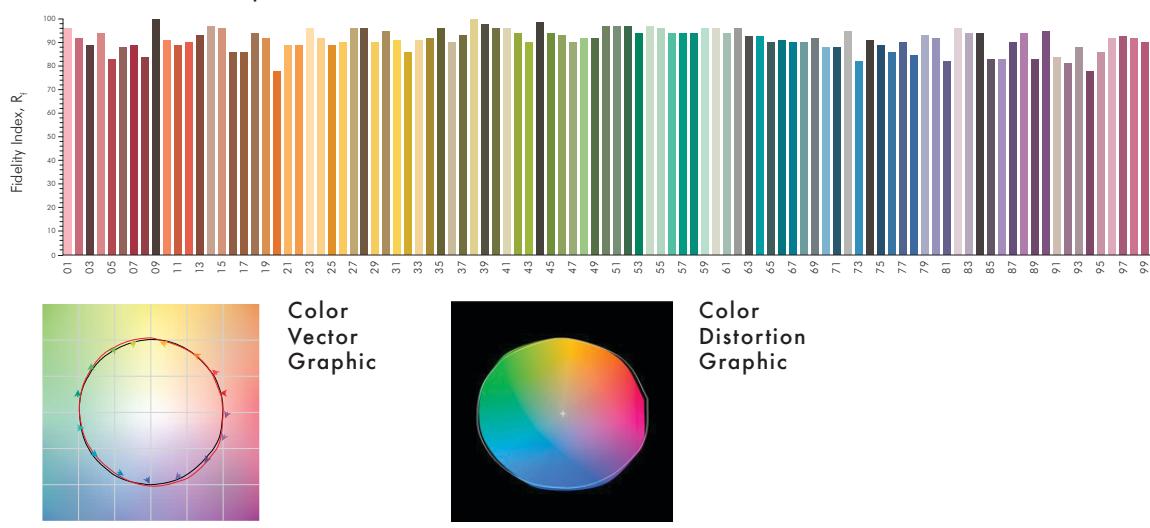
Color Evaluation Sample



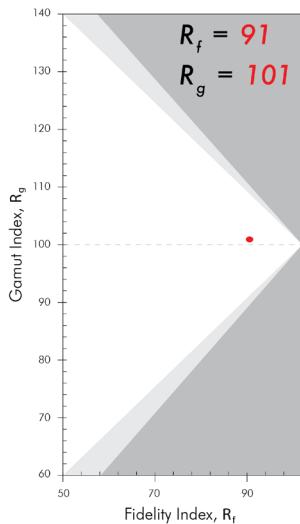
2700K TM30



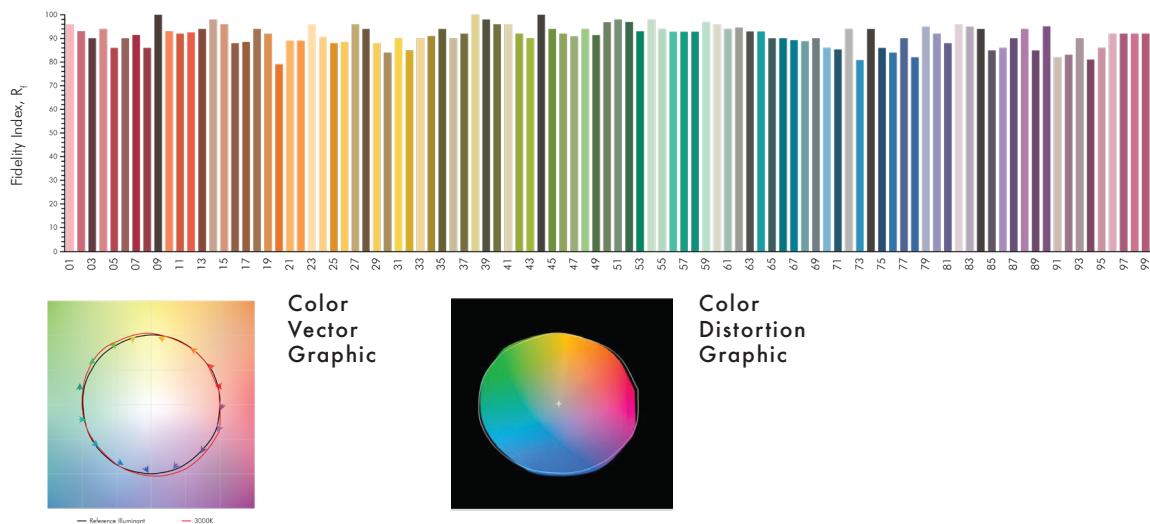
Color Evaluation Sample



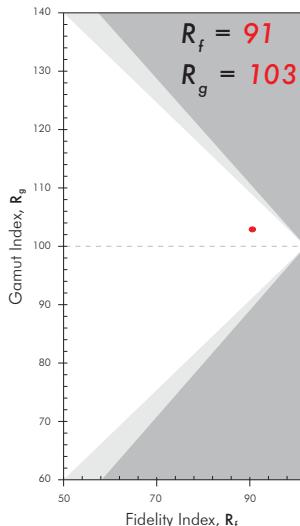
3000K TM30



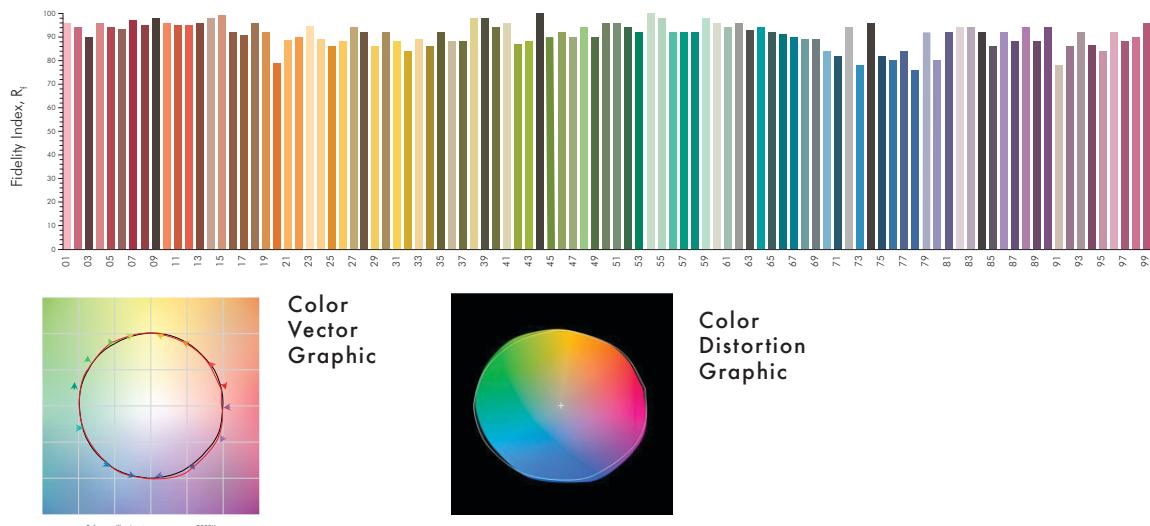
Color Evaluation Sample



3500K TM30



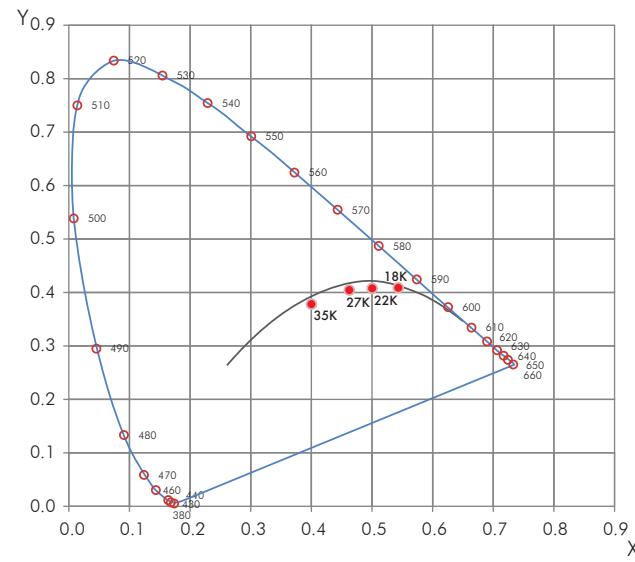
Color Evaluation Sample



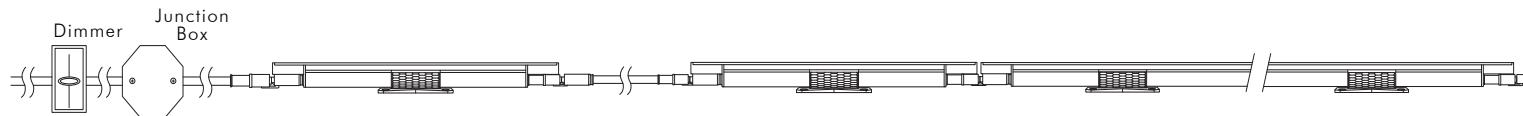
R VALUES

	1800K	2200K	2700K	3000K	3500K
R1	98	97	99	99	99
R2	99	98	99	99	99
R3	97	97	97	97	97
R4	98	94	99	99	99
R5	96	96	99	99	99
R6	96	94	97	97	97
R7	95	97	97	97	97
R8	94	97	95	95	94
R9	93	93	93	93	93
R10	97	98	98	98	98
R11	97	90	97	97	97
R12	88	92	87	87	87
R13	98	97	99	99	99
R14	95	96	97	97	97
R15	97	99	98	98	98

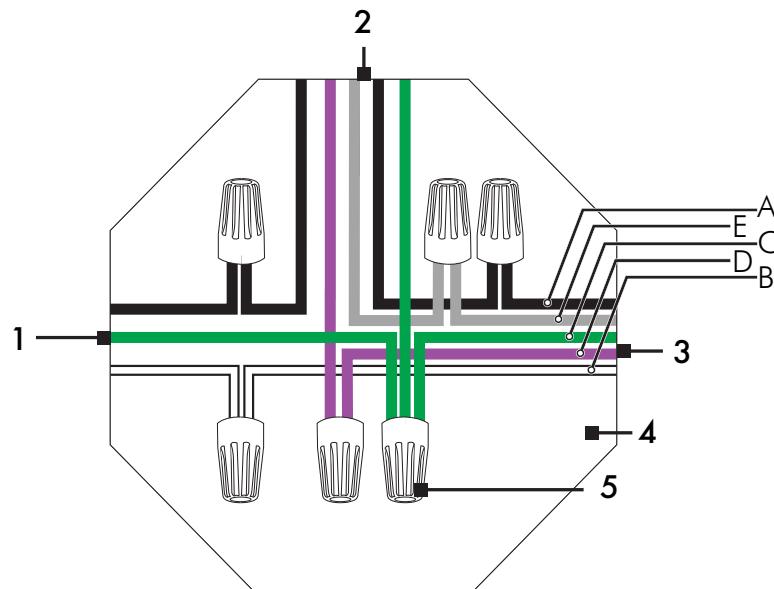
CIE 1931 CHROMATICITY DIAGRAM



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.



UL / cUL Dimming



Wiring Legend

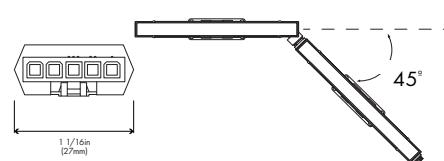
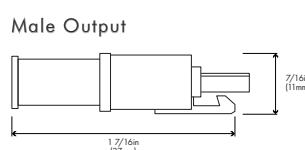
1	Power 100-277V AC
2	0-10V Dimmer
3	5 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

5 Pin Leader Cable

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

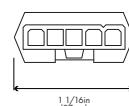
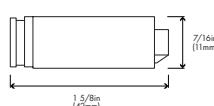
\*Not illustrated

0-10V Connectors



Angle Adjustment

Female Output



Compatible Dimmers

Please visit our [website](#) for a list of compatible dimmers.



## 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.

### Options

Finish	G - Gray
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Length	4ft - 4ft Sections
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Quantity	5 Pieces (20ft)
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### Physical

Applications	Cove, Accent
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Construction	ABS Plastic
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## MODA MINI COVE TRACK CONNECTOR

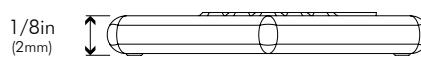
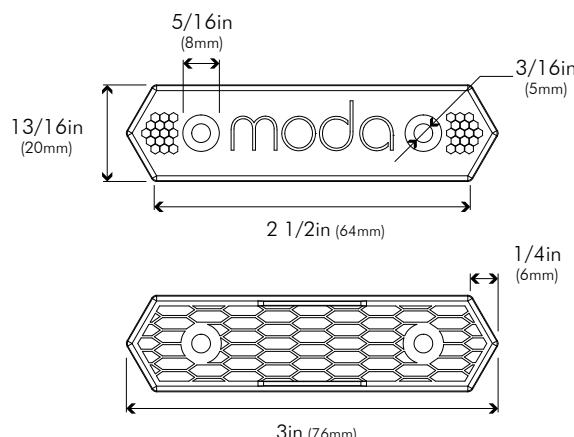
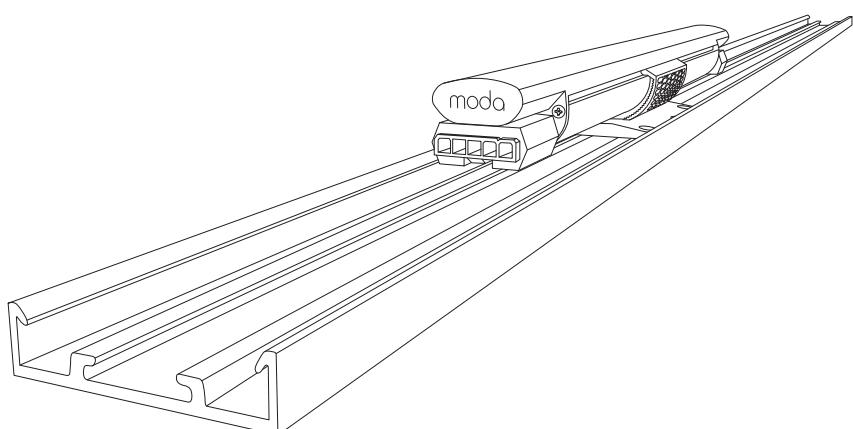
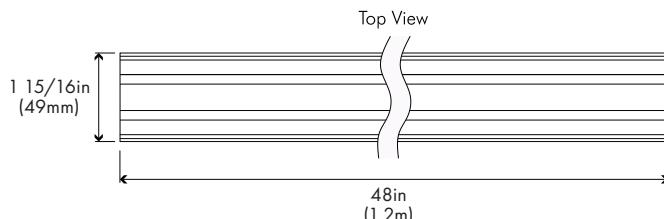
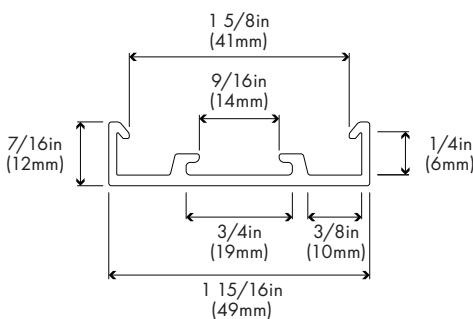
Joins two pieces of track together.

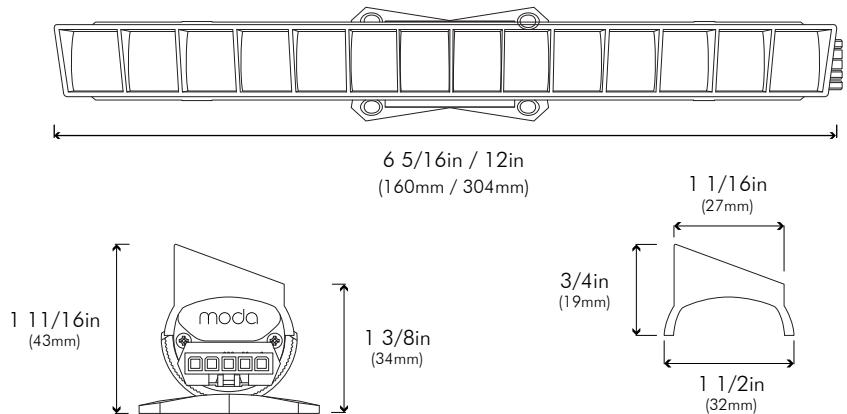
### Accepts screw sizes

Drywall	#6	#8
Self tapping	#6	#8
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

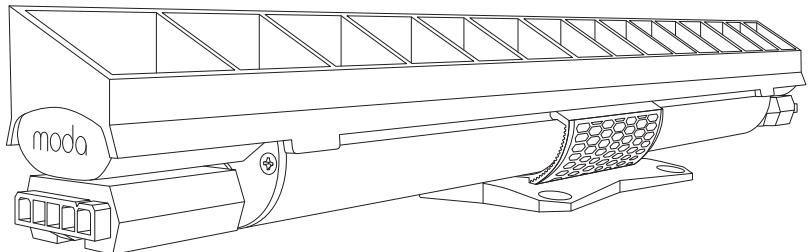
- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

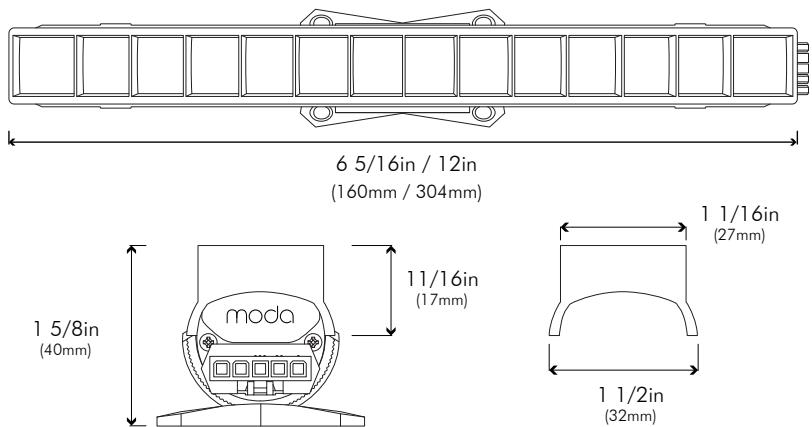
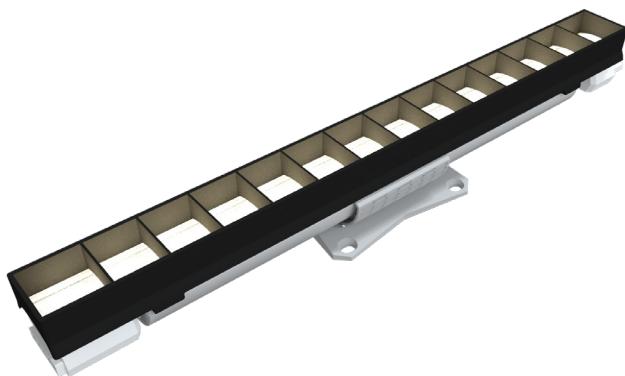
### Options

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

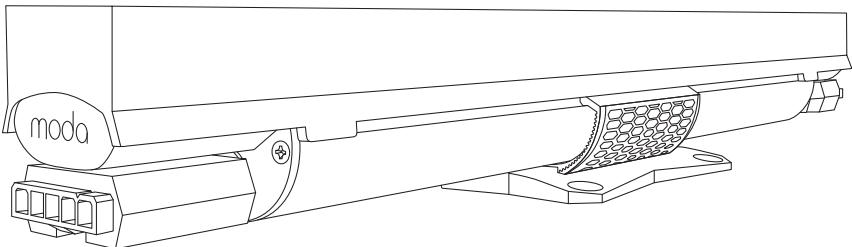
Finish                    B - BLACK

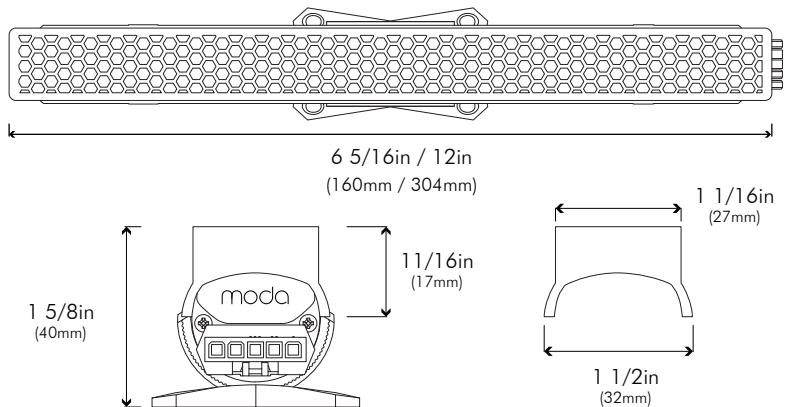
Length                  1FT

#### 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

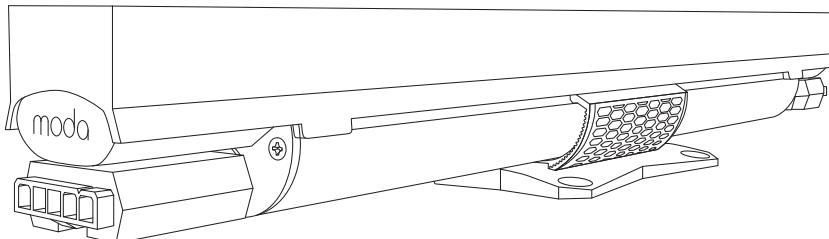
### Options

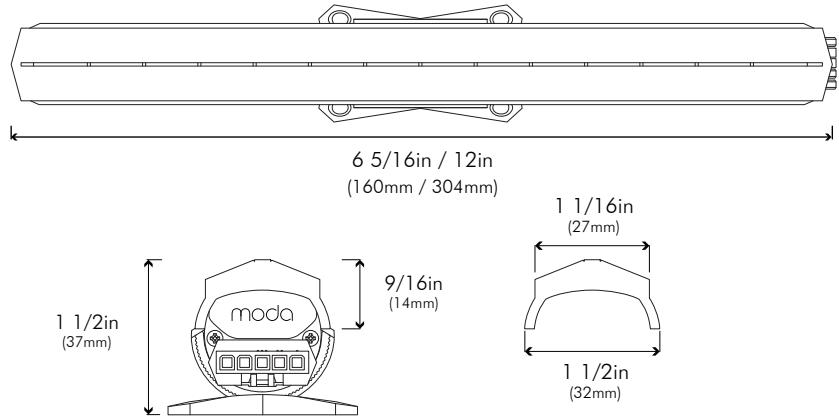
Finish	B - BLACK
Length	1FT

### Physical

Applications	Cove, Accent, Graze
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Construction	ABS
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## 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.

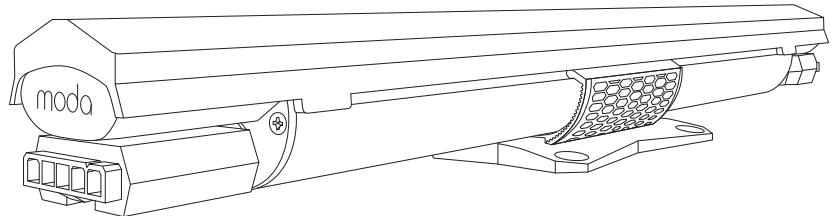
### Features

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

### Options

Finish	B - BLACK
Length	1FT

Physical Applications	Cove, Accent, Graze
Construction	ABS

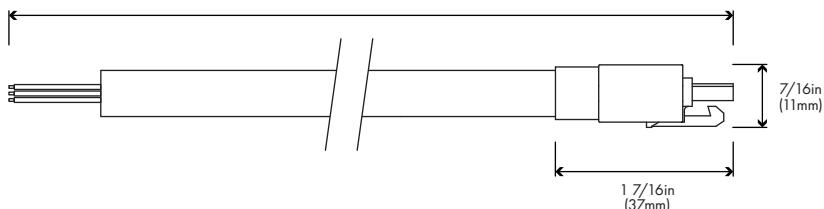


## 0-10V LEADER CABLES

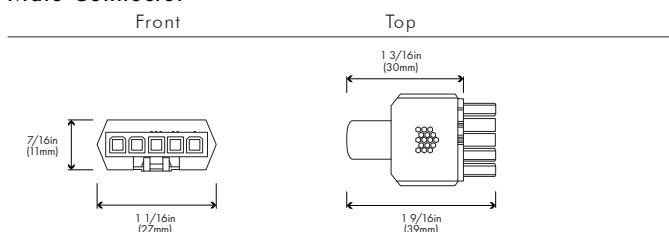
### Moda Mini Cove Interior 5 Pin Leader Cables

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

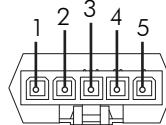
UL/cUL | EU/CCC  
10FT or 25FT | 3M or 10M Male Connector



#### Male Connector



#### Pin Assignment

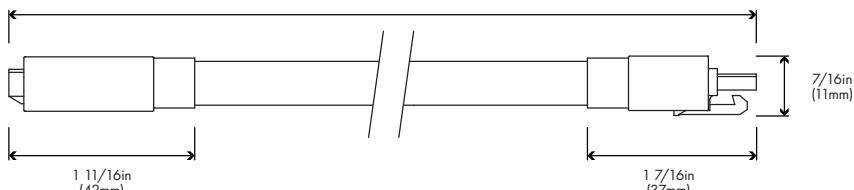


## 0-10V JUMPER CABLES

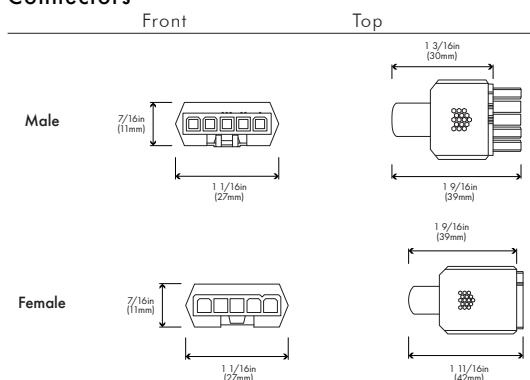
### Moda Mini Cove Interior 5 Pin Jumper Cables

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

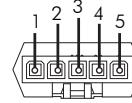
Female Connector      UL/cUL | EU/CCC  
10FT or 25FT | 3M or 10M Male Connector



#### Connectors

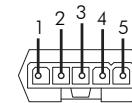


#### Pin Assignment



Male

	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Neutral	White	Blue
3 Ground	Green	Green/Yellow
4 Data Positive	Purple	Black
5 Data Negative	Gray	Gray



Female

	UL/cUL	EU/CCC
1 Data Negative	Gray	Gray
2 Data Positive	Purple	Black
3 Ground	Green	Green/Yellow
4 Neutral	White	Blue
5 Live 100-277V	Black	Brown

ITEM	DESCRIPTION	PART NUMBER	ORDERING SKU
0-10V 1FT	Moda Mini Cove Interior Glowdim Standard Output Silver 0-10V Dimming 2700K-1800K HCRI 1FT	MMCI-S-S-0-GD2718-1	097-1002
	Moda Mini Cove Interior Glowdim Standard Output Silver 0-10V Dimming 3000K-2200K HCRI 1FT	MMCI-S-S-0-GD3022-1	097-1023
	Moda Mini Cove Interior Glowdim Standard Output Silver 0-10V Dimming 3500K-2200K HCRI 1FT	MMCI-S-S-0-GD3522-1	097-1025
0-10V 4FT	Moda Mini Cove Interior Glowdim Standard Output Silver 0-10V Dimming 2700K-1800K HCRI 4FT	MMCI-S-S-0-GD2718-4	097-3002
	Moda Mini Cove Interior Glowdim Standard Output Silver 0-10V Dimming 3000K-2200K HCRI 4FT	MMCI-S-S-0-GD3022-4	097-3023
	Moda Mini Cove Interior Glowdim Standard Output Silver 0-10V Dimming 3500K-2200K HCRI 4FT	MMCI-S-S-0-GD3522-4	097-3025

ITEM	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