

Project Name: _____ SKU: _____

MODA Contact: _____ E-Mail: _____

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 when wired to a DMX512 Controller to transition at 100% from 2700K down to 1800K, 3000K down to 2200K, or 3500K down to 2200K. Generally called "Dim to Warm" this feature strongly resembles incandescent illumination and transforms restaurants, bars and any hospitality location creating moods and warm environments. GLOWDIM utilizes MODA's high standard for perfect and precise illumination, with custom firmware programmed onto our microprocessors.

GLOWDIM is much more than "Dim to Warm". Fixtures that are called Dim to Warm all behave differently. Some can dim and turn orange. Some do not even dim much. Others you can see the transition steps. The majority just do a color adjustment and can only dim as low as 10%. This creates a flash effect when they are turned on. GLOWDIM does exactly what the name says. The MODA Microprocessor makes thousands of calculations so that the fixture gradually reduces its CCT and decreases its intensity creating a smooth dim from incandescent illumination down to true low intensity candle light. It is this reason we called this technology MODA GLOWDIM TECHNOLOGY and probably why it won the prestigious 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, noiseless, flicker-free, and synchronized GLOWDIM dimming down to 1%. 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 240 feet. A MODA Micro Driver specific for MINI COVE, accepts 100-277V AC 50/60Hz.

With the ability to mix our own phosphors, we are able to make a revolutionary new standard for MODA offering a High Color Rendering Index of 96-98 with LEDs centered on the Planckian Locus for superior illumination. R1-R15 tested to TM30-15 with values in excess of 90, creating beautiful cove illumination. Single binning means every fixture will have the same CCT - something that MODA has been doing 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, inter locking fields of light 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 time. Lightweight aluminum construction for durability and excellent thermal characteristics. Quality American Made electronic components. Available in 1ft and 4ft sections.

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: 0.21 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	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	DMX512
Power Factor	≥ 0.98

MODA TECHNOLOGY

moda**SOFTWARE**[™]

moda**HARDWARE**[™]

moda**DMX**[™]

moda**GLOWDIM**[™]

moda**LED**[™]

moda**MICRO DRIVER**[™]

moda**PHOSPHOR**[™]

moda**ZERO BIN**[™]

moda**THERMAL MANAGEMENT**[™]

moda**HIGH CRI**[™]

moda**AIRFLOW**[™]

moda**COLOR RENDITION**[™]

moda**LOCK**[™]

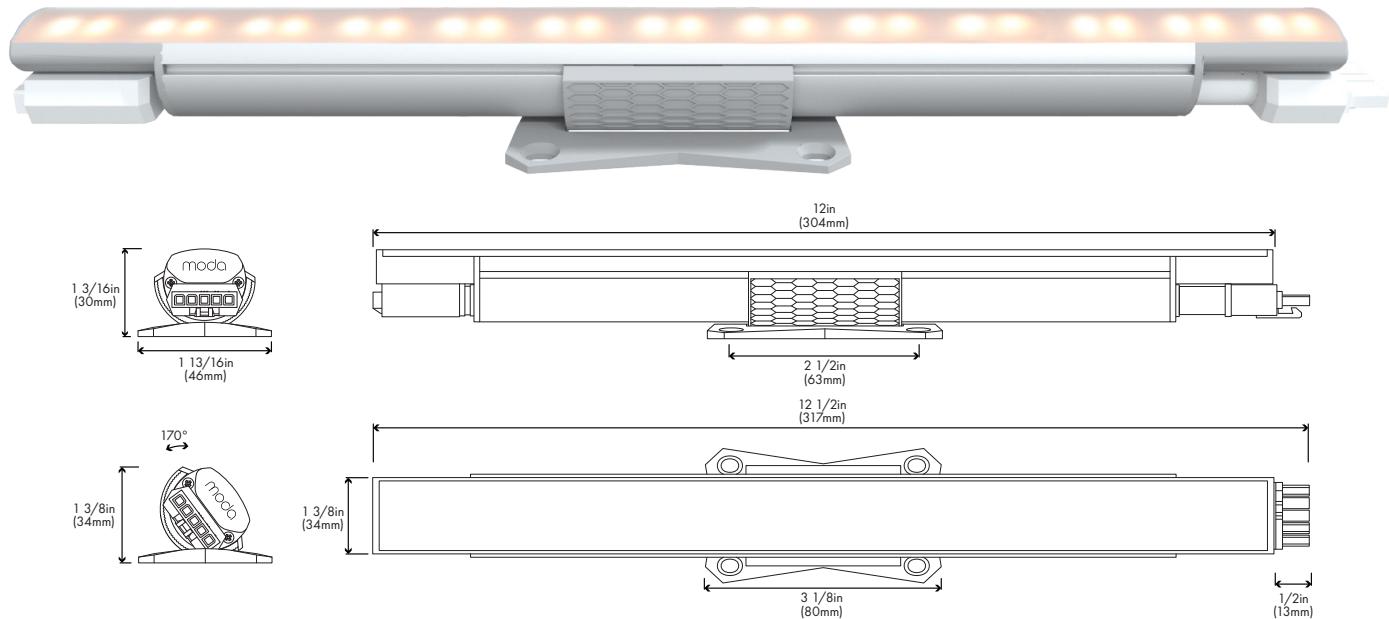
moda**KWIK CONNECT**[™]



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



DMX

Standard Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
2700K - 1800K	448.00	98	89.48	68.83	68.83
3000K - 2200K	480.00	98	97.80	75.23	75.23
3500K - 2200K	489.00	98	104.04	88.91	84.31

SO Power Consumption

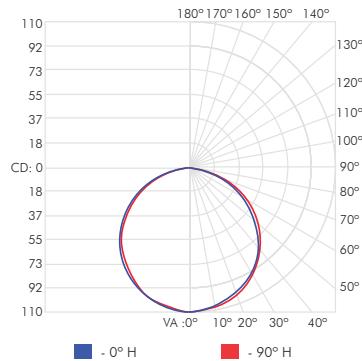
120V	5.8W
240V	6.2W
277V	6.2W

SO Max Continuous Run

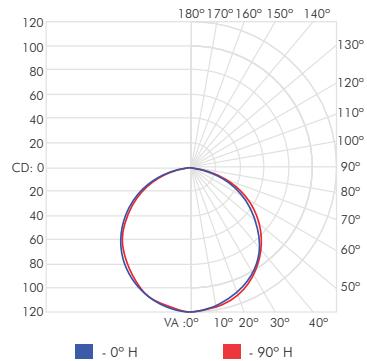
120V AC	120 ft
240V AC	240 ft
277V AC	240 ft

POLAR CANDELA DISTRIBUTION

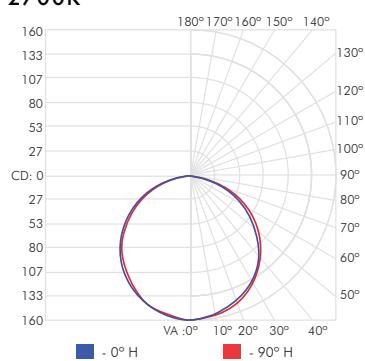
1800K



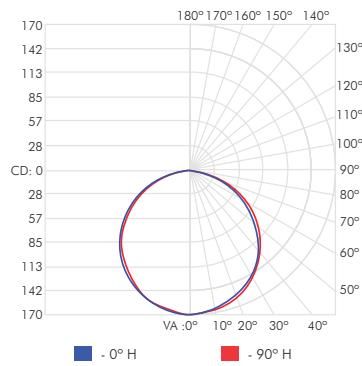
2200K



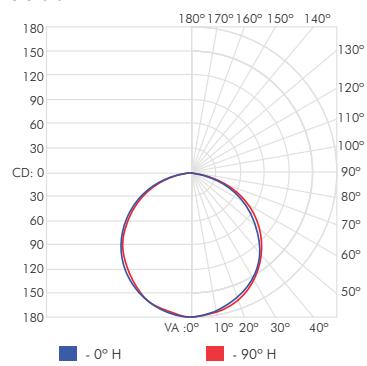
2700K



3000K

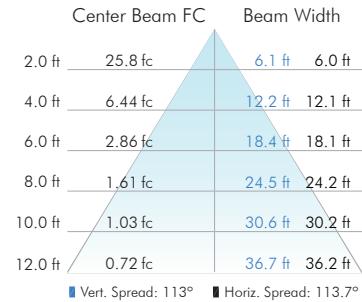


3500K

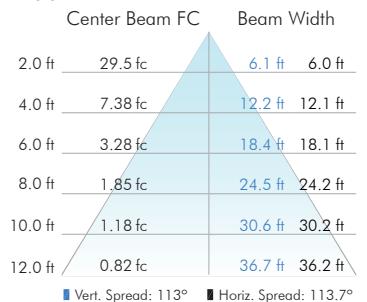


ILLUMINANCE AT A DISTANCE

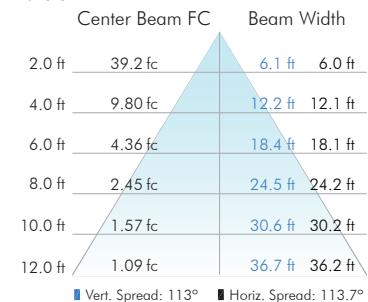
1800K



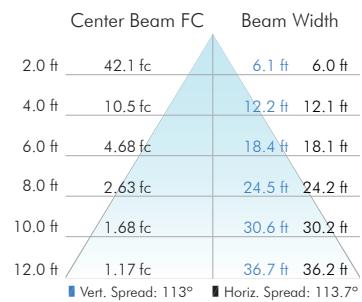
2200K



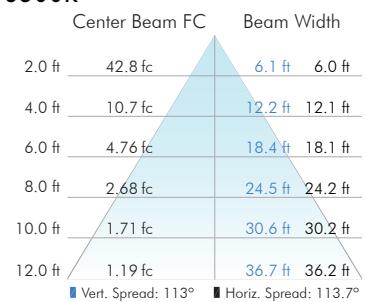
2700K

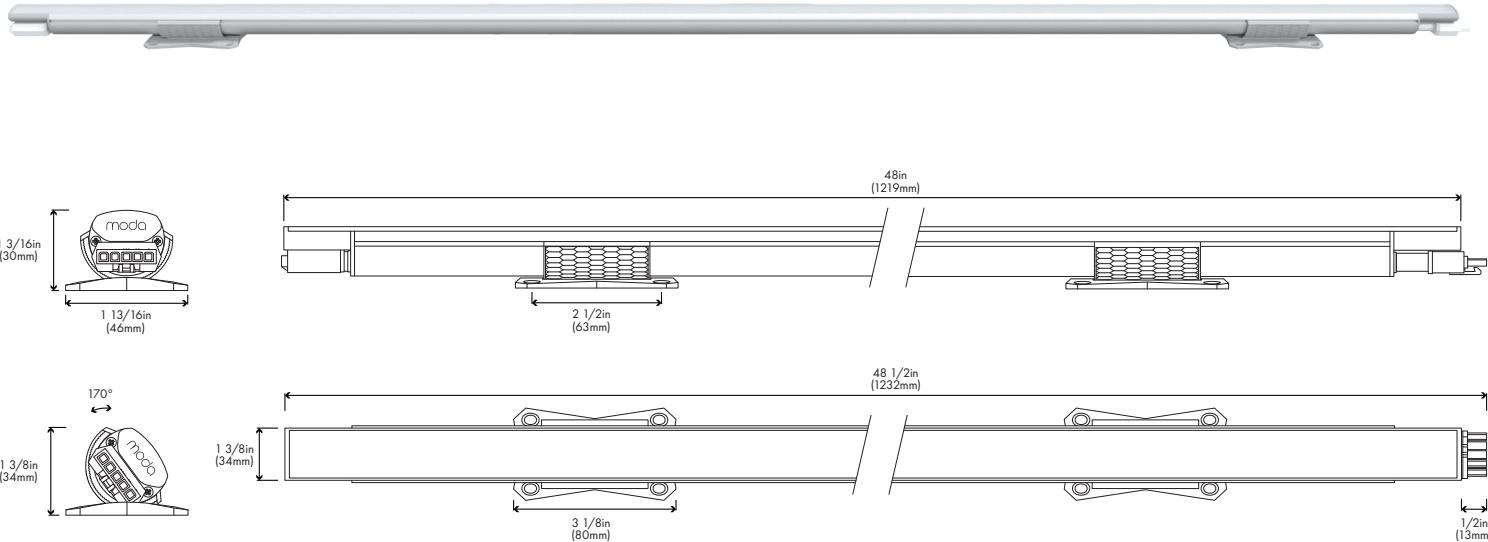


3000K



3500K





DMX

CCT	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
2700K - 1800K	1779	98	93.63	88.95	88.95
3000K - 2200K	1818	98	99.52	94.55	94.55
3500K - 2200K	1891	98	106.84	97.98	96.97

Power Consumption

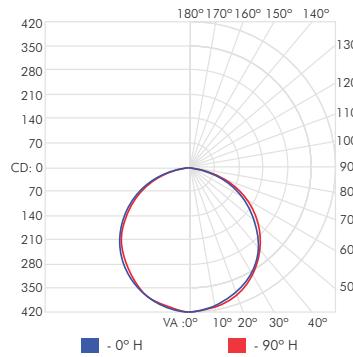
120V	21.6W
240V	21.6W
277V	21.8W

Max Continuous Run

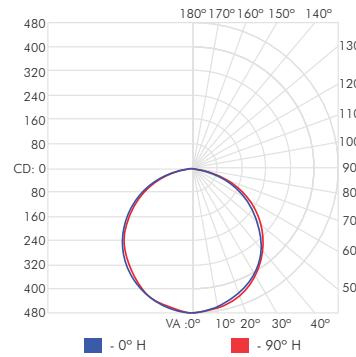
120V AC	120 ft
240V AC	240 ft
277V AC	240 ft

POLAR CANDELA DISTRIBUTION

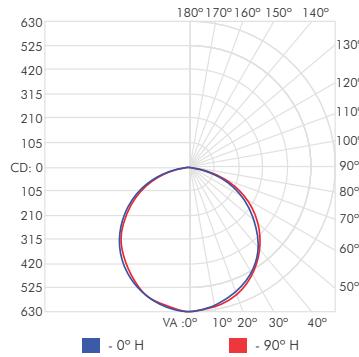
1800K



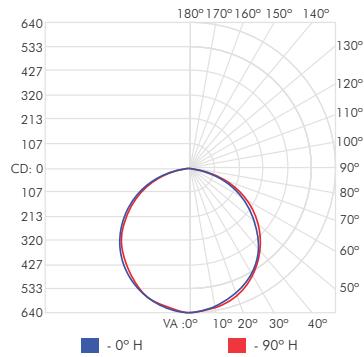
2200K



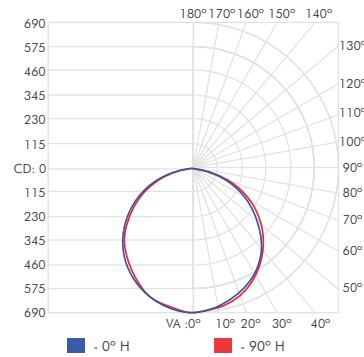
2700K



3000K

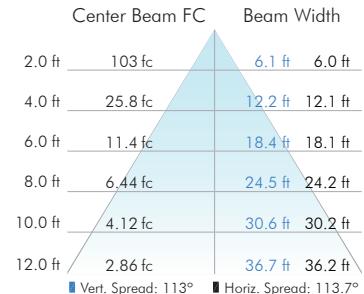


3500K

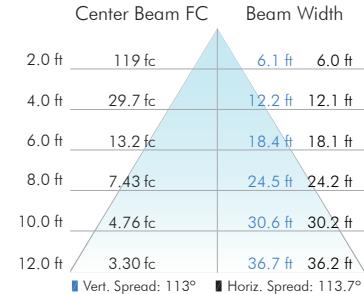


1 FOOT ILLUMINANCE AT A DISTANCE

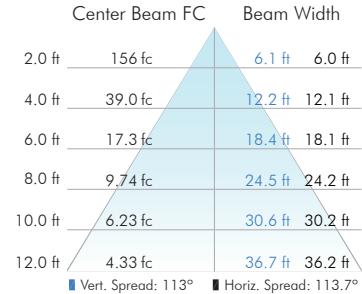
1800K



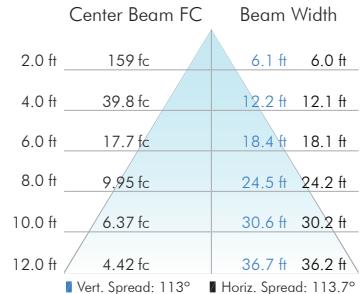
2200K



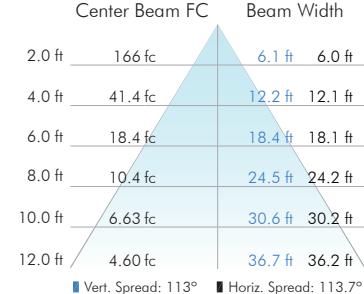
2700K



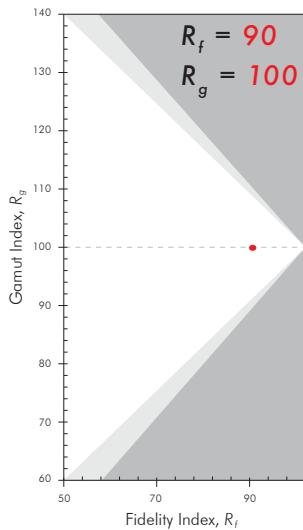
3000K



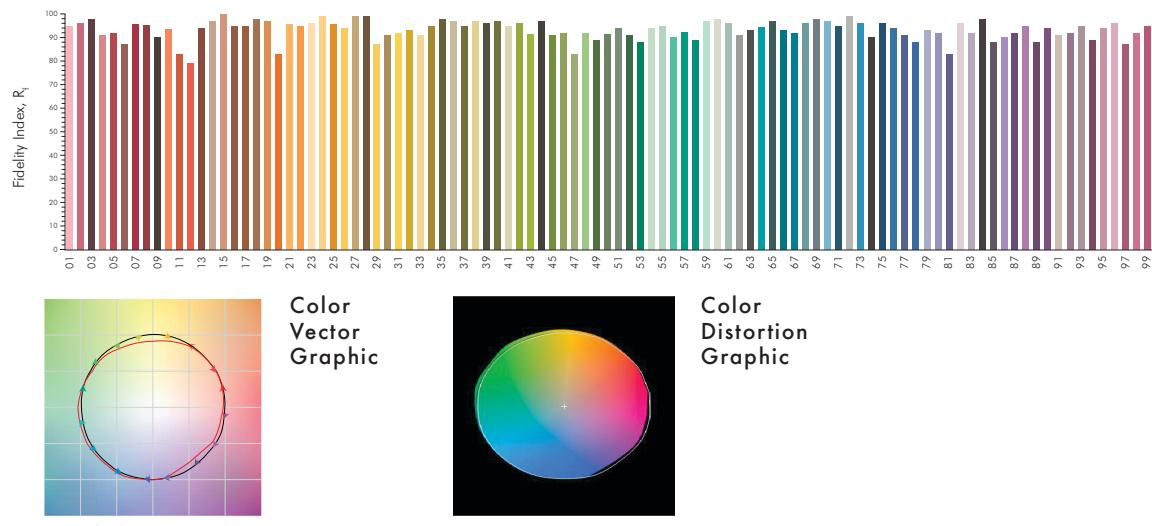
3500K



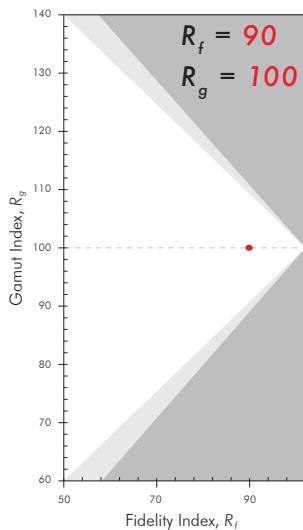
1800K TM30



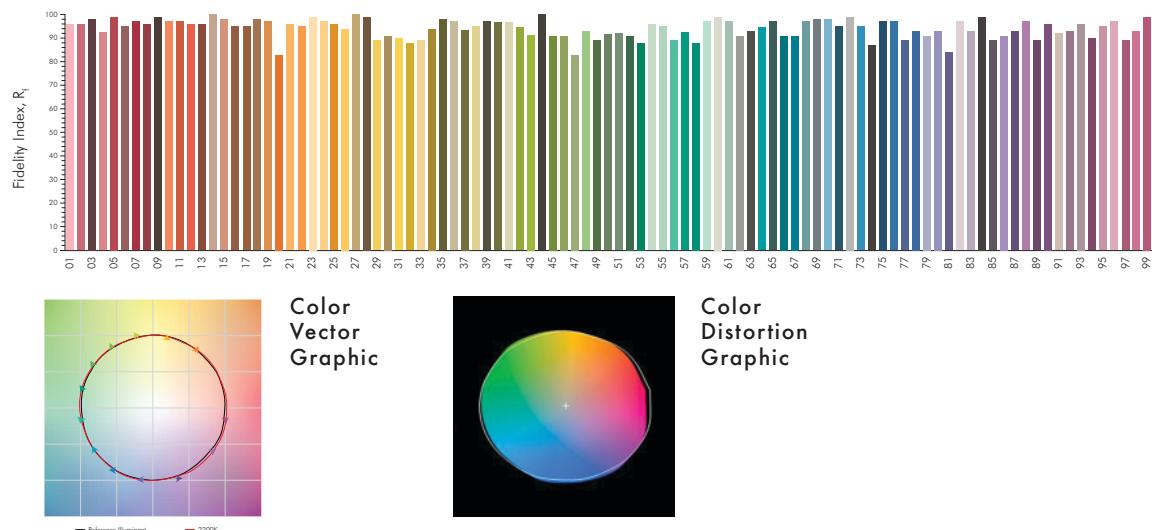
Color Evaluation Sample



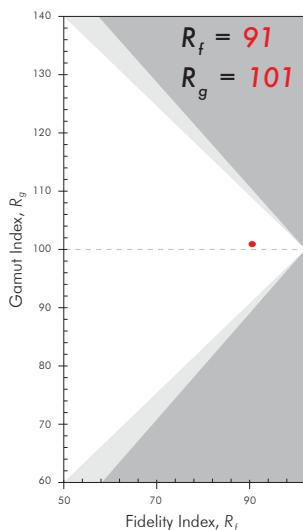
2200K TM30



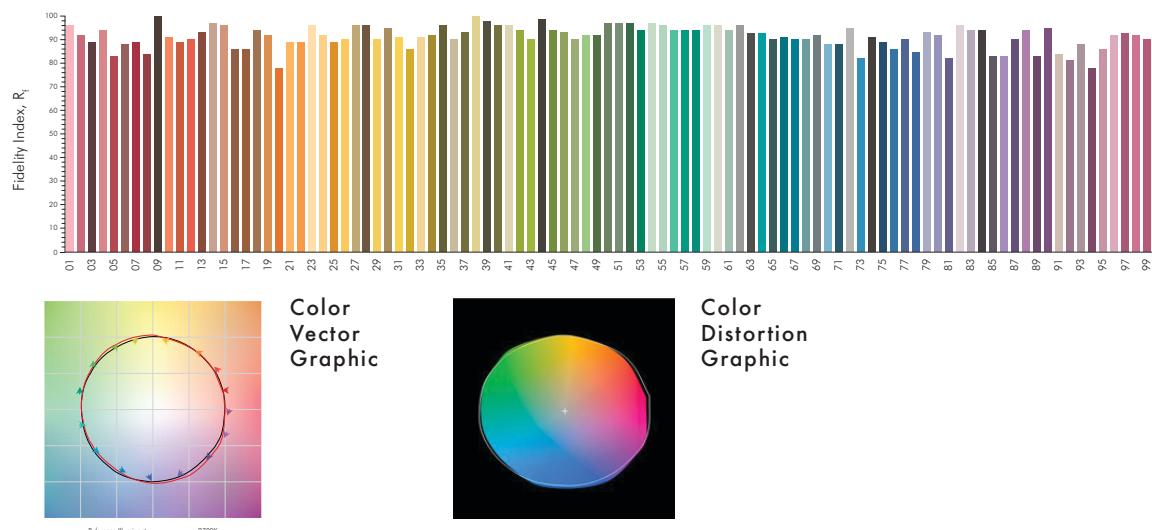
Color Evaluation Sample



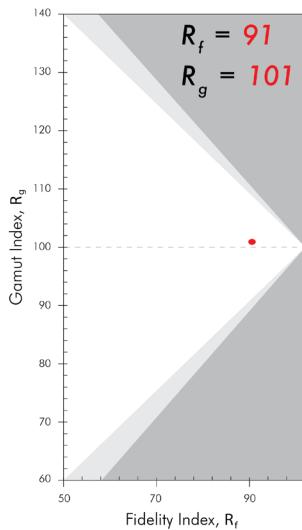
2700K TM30



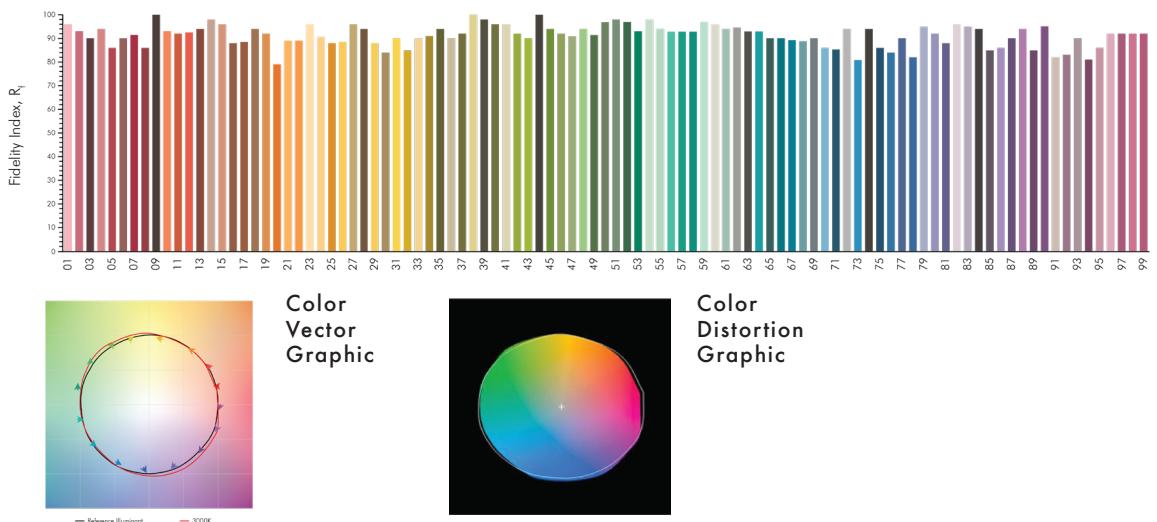
Color Evaluation Sample



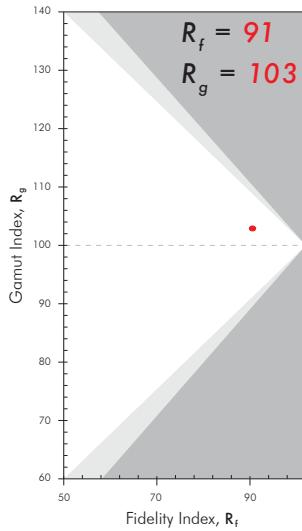
3000K TM30



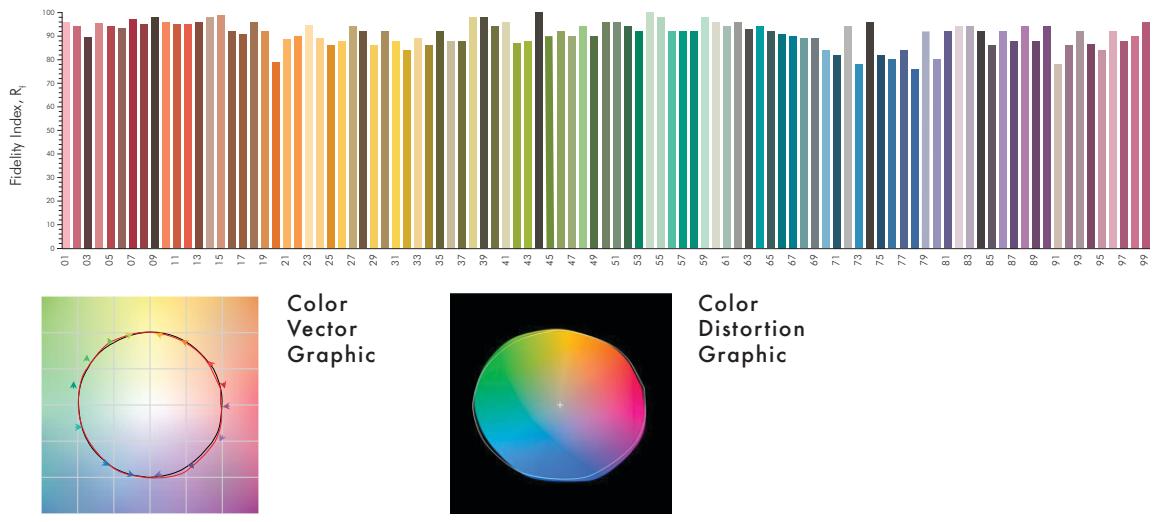
Color Evaluation Sample



3500K TM30



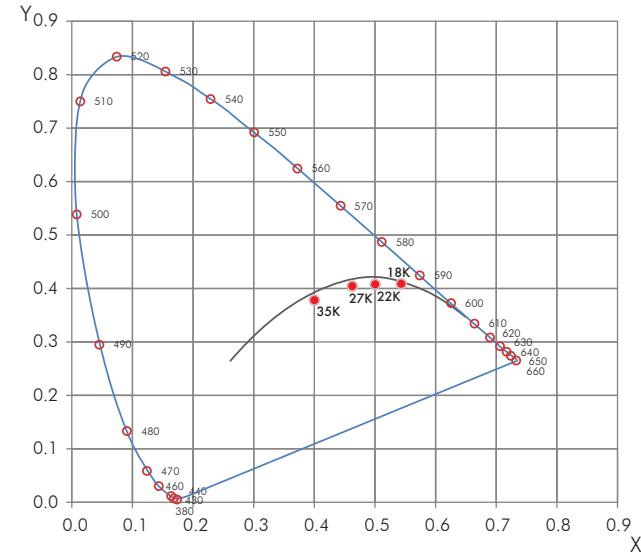
Color Evaluation Sample



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	95
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

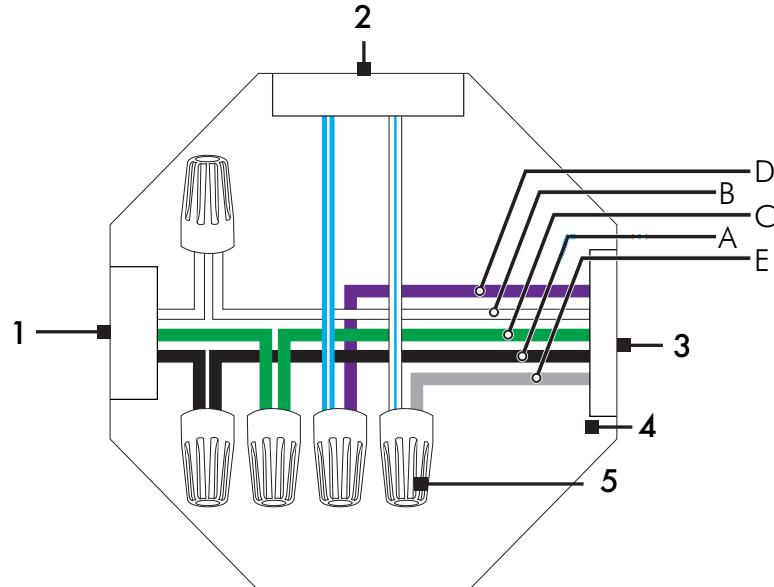
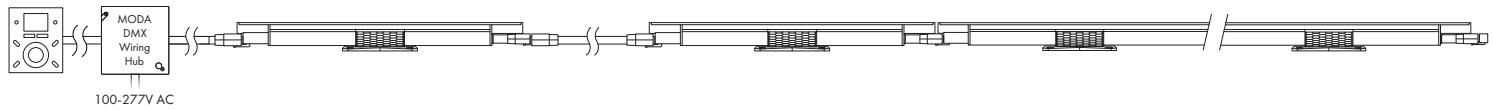
CIE 1931 CHROMATICITY DIAGRAM



CCT	Coordinates
1800K	x: 0.5426 y: 0.4092 u: 0.3012 v: 0.5428
2200K	x: 0.5043 y: 0.4090 u: 0.2924 v: 0.5353
2700K	x: 0.4563 y: 0.4048 u: 0.2628 v: 0.5246
3000K	x: 0.4373 y: 0.4044 u: 0.2507 v: 0.5216
3500K	x: 0.4085 y: 0.3875 u: 0.2391 v: 0.5104

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.

DMX Controller



Wiring Legend

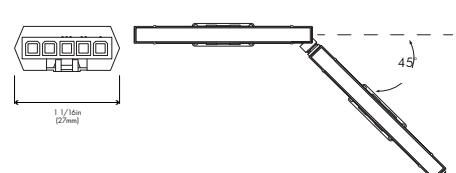
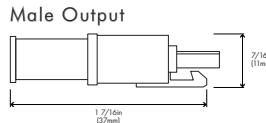
1	Power 100-277V AC
2	DMX Controller
3	5 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

5 Pin Leader Cable

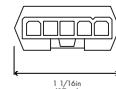
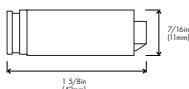
	UL/cUL	CE/CCC*
A Live 100-277V	— Black	— Brown
B Neutral	== White	— Blue
C Ground	— Green	— Green/Yellow
D DMX Positive	— Purple	— Black
E DMX Negative	— Gray	— Gray

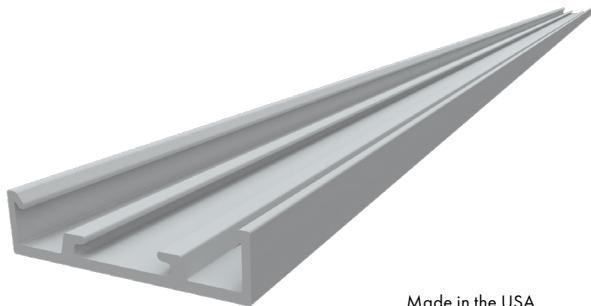
*Not illustrated

DMX Connectors



Female Output





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

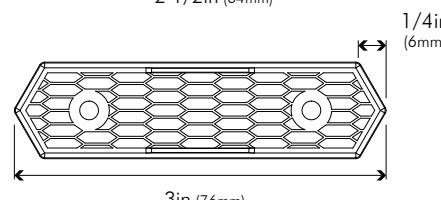
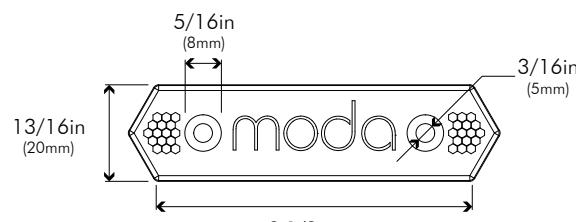
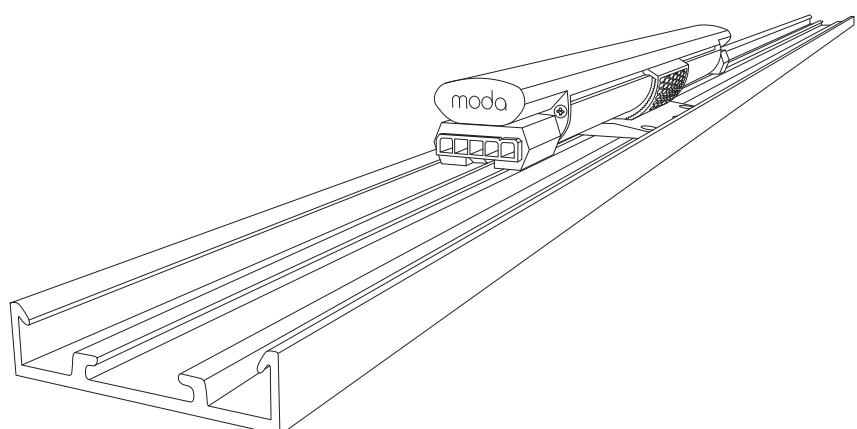
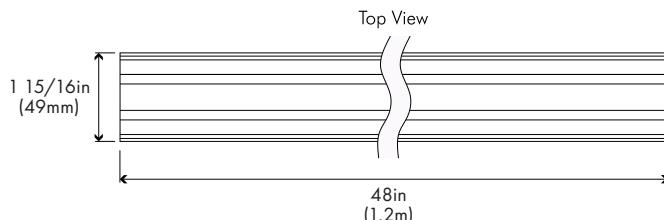
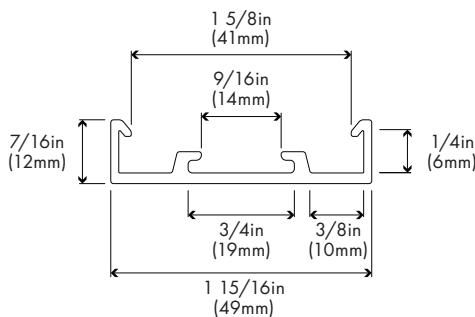
Drywall	#6	#8
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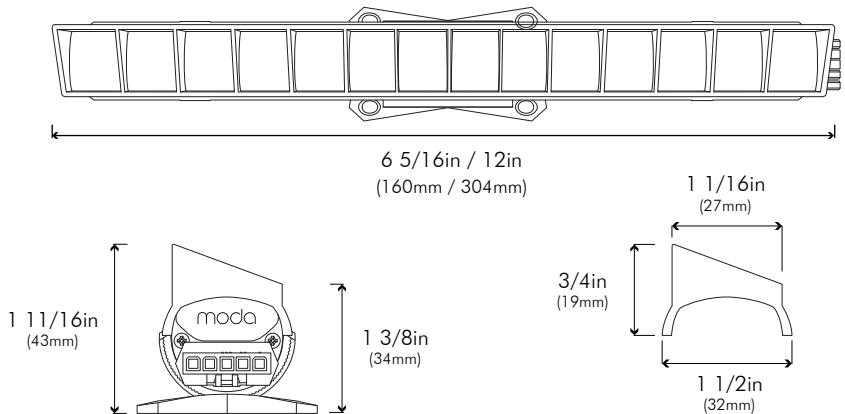
Self tapping	#6	#8
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Concrete Anchor	3/16in
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(By others)

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

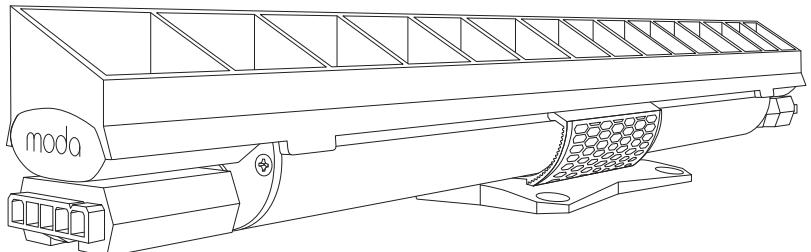
- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

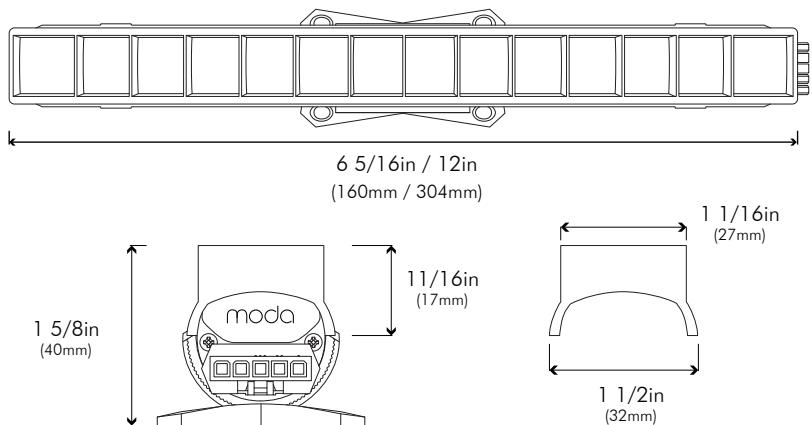
Options

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

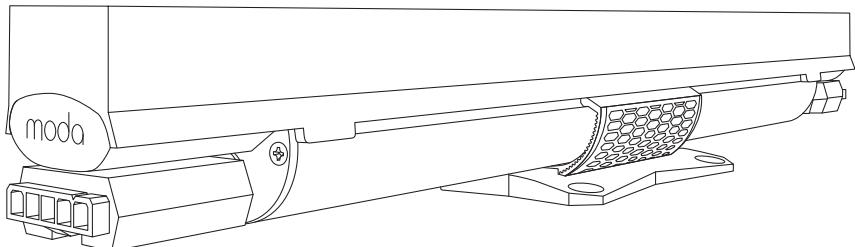
Finish B - BLACK

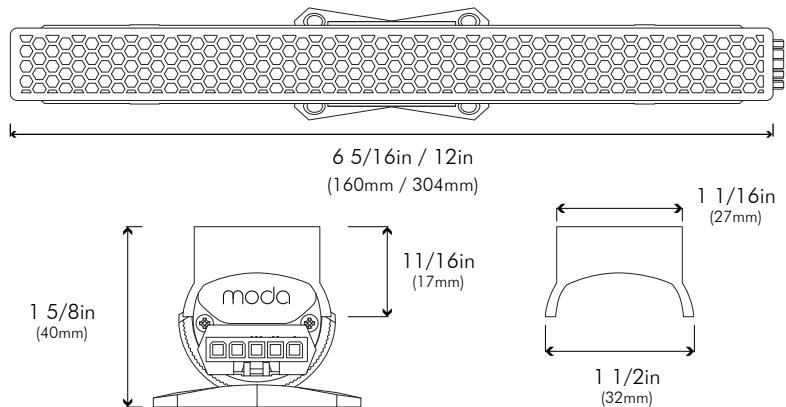
Length 1FT

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

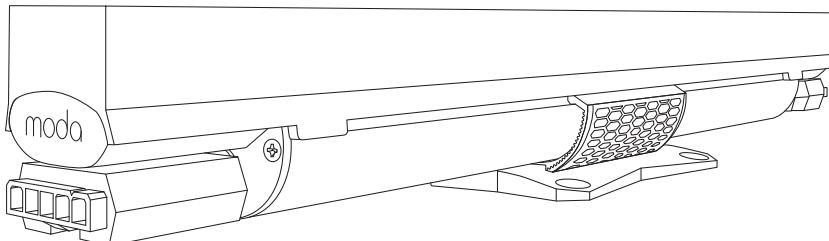
Finish B - BLACK

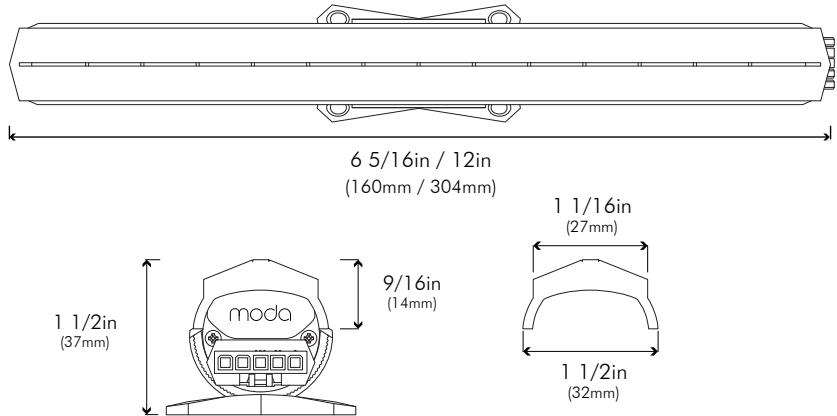
Length 1FT

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.

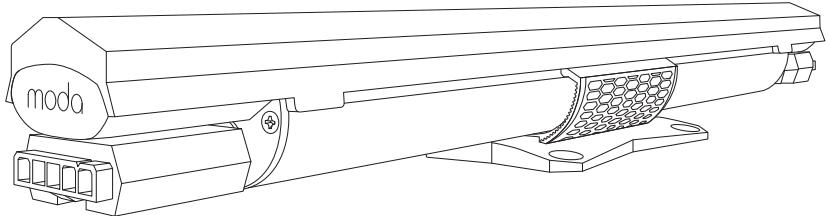
Features

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

Options

Finish	B - BLACK
Length	1FT

Physical Applications	Cove, Accent, Graze
Construction	ABS

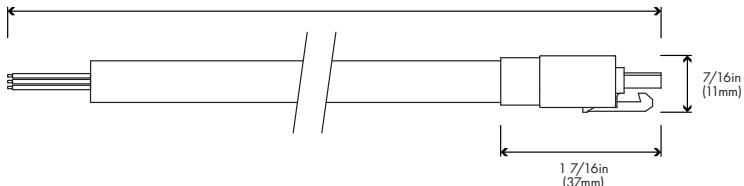


DMX LEADER CABLES

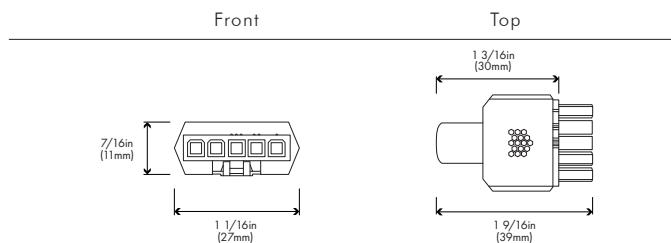
Moda Mini Cove Interior 5 Pin Leader Cables

	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



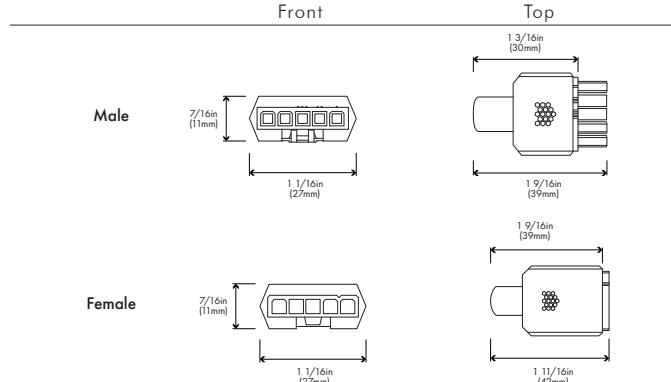
Male Connector



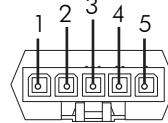
DMX JUMPER CABLES

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

Connectors

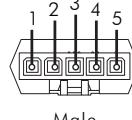


Pin Assignment

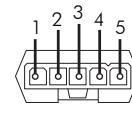


	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Neutral	White	Blue
3 Ground	Green	Green/Yellow
4 Data Positive	Purple	Black
5 Data Negative	Gray	Gray

Pin Assignment



	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



	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
DMX512 1FT	Moda Mini Cove Interior Glowdim Standard Output Silver DMX512 2700K-1800K HCRI 1FT	MMCI-S-S-DMX512-GD2718-1	107-1002
	Moda Mini Cove Interior Glowdim Standard Output Silver DMX512 3000K-2200K HCRI 1FT	MMCI-S-S-DMX512-GD3022-1	107-1023
	Moda Mini Cove Interior Glowdim Standard Output Silver DMX512 3500K-2200K HCRI 1FT	MMCI-S-S-DMX512-GD3522-1	107-1025
DMX512 4FT	Moda Mini Cove Interior Glowdim Standard Output Silver DMX512 2700K-1800K HCRI 4FT	MMCI-S-S-DMX512-GD2718-4	107-3002
	Moda Mini Cove Interior Glowdim Standard Output Silver DMX512 3000K-2200K HCRI 4FT	MMCI-S-S-DMX512-GD3022-4	107-3023
	Moda Mini Cove Interior Glowdim Standard Output Silver DMX512 3500K-2200K HCRI 4FT	MMCI-S-S-DMX512-GD3522-4	107-3025

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-7.62M	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

ITEM	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

ITEM	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