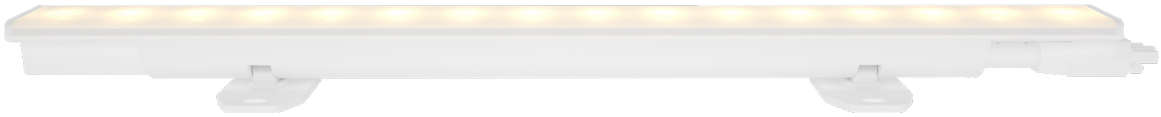
Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

SKU: _____ Type: _____ PO#: _____ Quantity: _____

Notes: _____



Miniature Line-Voltage Cove Fixture

MODA NANO COVE is a patented, award-winning micro-sized line-voltage cove lighting system. This new cove fixture, with a futuristic ergonomic design and white satin finish, stands just 1in tall (25mm) and comes in both 1ft and 4ft lengths. What is now the smallest and lightest cove fixture in our line, NANO COVE fits in the most confined spaces for discreet cove, alcove, and niche illumination. Looks can be deceptive. Utilizing our very own MODA LEDs, this fixture renders colors with the same performance as its larger MINI COVE cousin with a CRI value of 95, specification grade R1 to R15 and TM-30 values. Colors are seen with clarity across the white light spectrum regardless of your choice of color temperature. 2700K is an excellent example of incandescent illumination. 3000K is perfect for almost all applications which requires a touch of warmth. 3500K is a perfect cross-over from warm to neutral, and 4000K is a pure neutral: ideal for offices and commercial projects. Our LEDs utilizes MODA Phosphor Technology, giving us the freedom to no longer have to accept what large die manufacturers make, but to make our very own dies exclusively for the Lighting Specification industry.

This fixture does not have a driver, however it can dim with electronic low voltage (ELV) dimmers or dimming systems from 100-0%. It can also synchronize dim with all connected fixtures by utilizing a brand new power and onboard control system, our award winning MODA SYNERGY technology. MODA SYNERGY is an ASIC technology which eliminates the need for a driver and converts power to light more efficiently. It controls power to each circuit, adjusting the voltage to each die & creating smooth dimming curves smart and unique enough to win Product Innovation Award (PIA) 2018 for Components. MODA NANO COVE can tilt 60 degrees for light control. Its wide 120 degree illumination design gives a wash of light, eliminating the need to worry about color over angle, hot spots, streaking or any dark spots, even at each fixture connection. Cool running, this fixture delivers up to 350 lm/ft.

MODA NANO COVE ensures quality and convenience with its easy, 3 wire connections, continuous runs of up to 120ft, as well as integral thumb-latch connectors that allows for rapid, tool-less, simple plug and play installation. Plugs only fit one way, ensuring correct electrical connection every time. MODA NANO COVE is double-insulated for electrical safety and works with most quality electronic low voltage dimmers and dimming systems. Even with the use of regular circuit breakers, you don't have to worry about inrush or surge issues. Add an ELV dimmer/ dimming system, or use our award-winning MODA BRIDGE 1 to control this series with 0-10V controls. Unlike other fixtures in the marketplace, there is no longer a need to purchase additional drivers. Just use conventional wiring with an input of 120V direct from the dimming system to create a powerful lighting system, saving time and money.

MODA NANO COVE, small in stature and economically priced, is the future of cove illumination. American design with American made components. Tested by Intertek to UL1598 for use in USA & Canada. CE Approved. WEE. RoHS Compliant. TM-30-15 Tested. Patent No. D850,700. JA8 Title 24-2019.

Product Innovation Award (PIA) Winner 2017 for Best Luminaire. Technology Award for MODA SYNERGY - Product Innovation Award (PIA) Winner 2018 for Components. The LEDs used in this product won a Product Innovation Award (PIA) Winner 2018 for Components. Designed & Developed by MODA LIGHT in Las Vegas, USA.

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PHYSICAL

Dimensions	L: 12in (304mm) L: 48in (1218mm)	W: 1 3/4in (45mm) H: 1in (25mm)
Weights	1ft: 0.24 lbs (0.11 kg) 4ft: 0.85 lbs (0.39 kg)	
Applications	Cove, Accent & Indirect General Illumination	
Construction	Polycarbonate Body, Polycarbonate Diffuser	
Ingress Protection	Dry Location IP20	
Beam Angle	120°	
Fixture Connections	Integral Male & Female Connectors	
Start-Up Temperature	30°F ~ 125°F (-1°C ~ 52°C)	
Operating Temperature	30°F ~ 125°F (-1°C ~ 52°C)	
Storage Temperature	-15°F ~ 125°F (-26°C ~ 52°C)	
Humidity	Indoor applications only	

OUTPUT

CCT	2700K, 3000K, 3500K, 4000K
SDCM	2 Step MacAdam Ellipse
Color Bin Tolerance	Zero Bin
CRI	95
Lumen Maintenance	100,000 Hours L70 @ 25°C 15,000 Hours L95 @ 25°C
Testing Data	LM-79-08 & LM-80-08 TM-30

ELECTRICAL

Input Voltage	120V AC 60Hz
Control	On/Off, Electronic Low Voltage Reverse Phase Trailing Edge, 0-10V to ELV using Moda Bridge 1
Power Factor	≥0.95

MODA TECHNOLOGY

moda **SOFTWARE™**

moda **HARDWARE™**

moda **DIM™**

moda **LED™**

moda **SYNERGY™**

moda **PHOSPHOR™**

moda **ZERO BIN™**

moda **HIGH CRI™**

moda **COLOR RENDITION™**

moda **KWIK CONNECT™**

STANDARDS & CERTIFICATIONS

Certification	Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, RoHS, & WEEE Compliant.
Warranty	5 Year Limited Warranty

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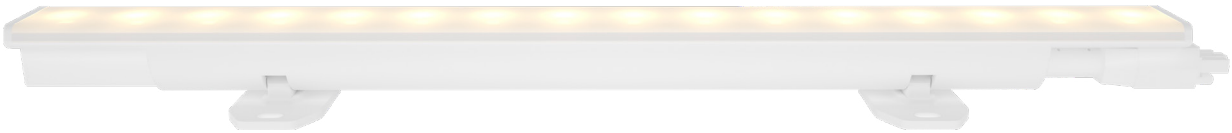

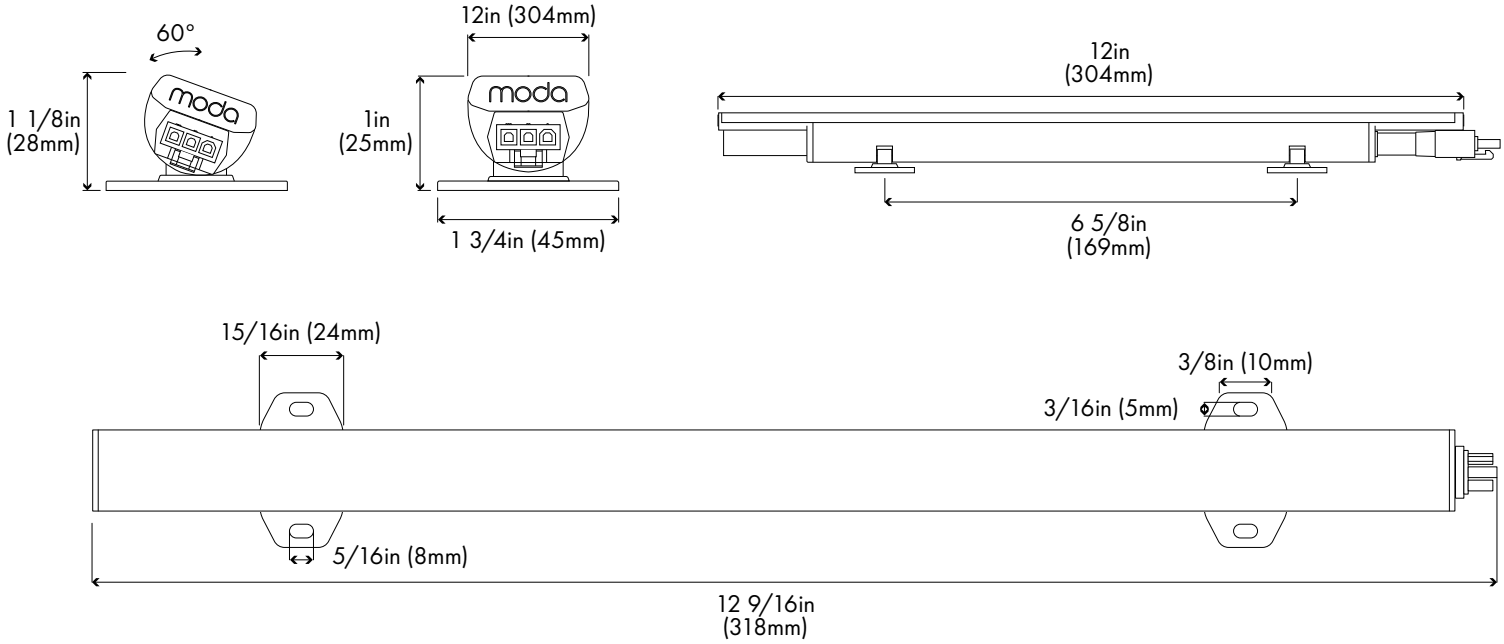

ELV

CCT	Lumens	CRI	Efficacy (LM/W)
2700K	307	95	82
3000K	337	95	88
3500K	341	95	89
4000K	351	95	97

Power Consumption

120V AC	3.85W

Max Continuous Run

120V AC	120 ft

Dependent on dimming system limitations

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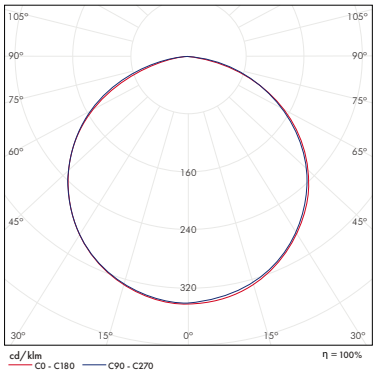
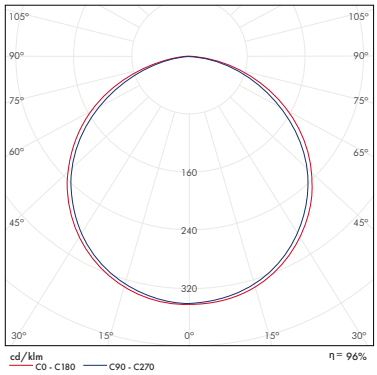
2700K



3000K



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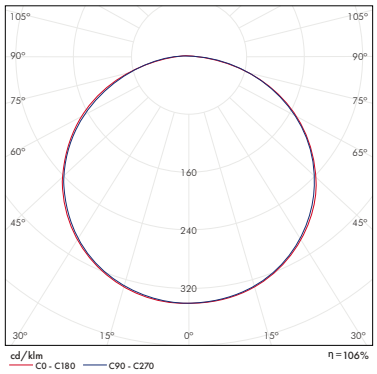

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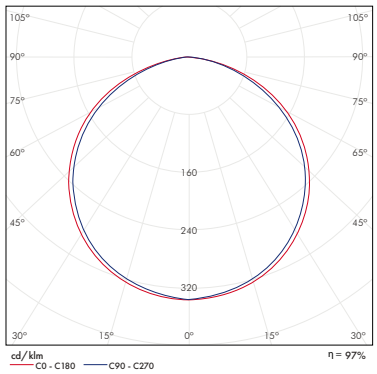
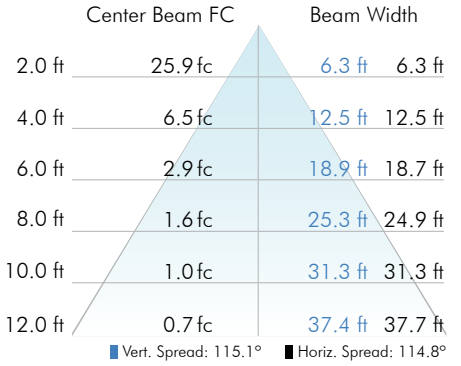


ILLUMINANCE AT A DISTANCE

2700K



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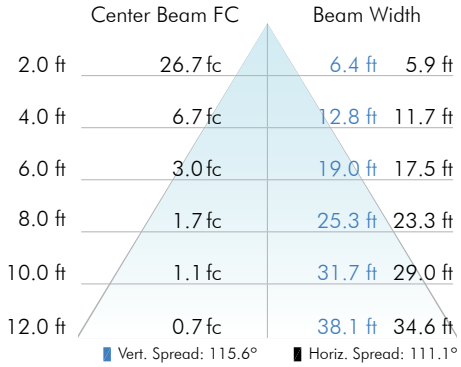

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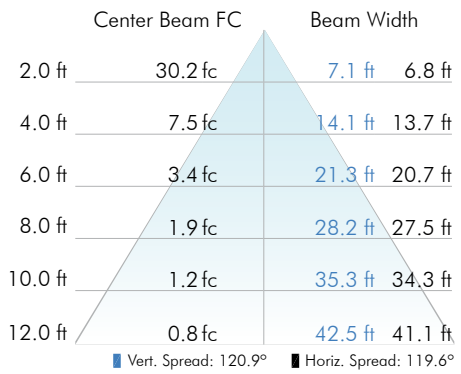

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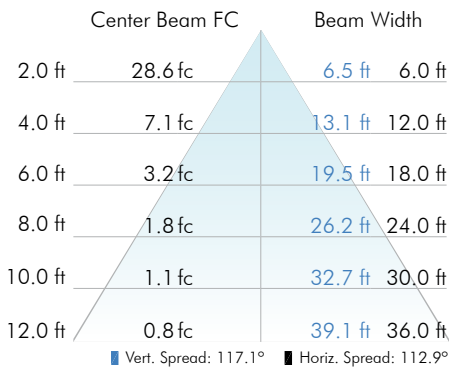

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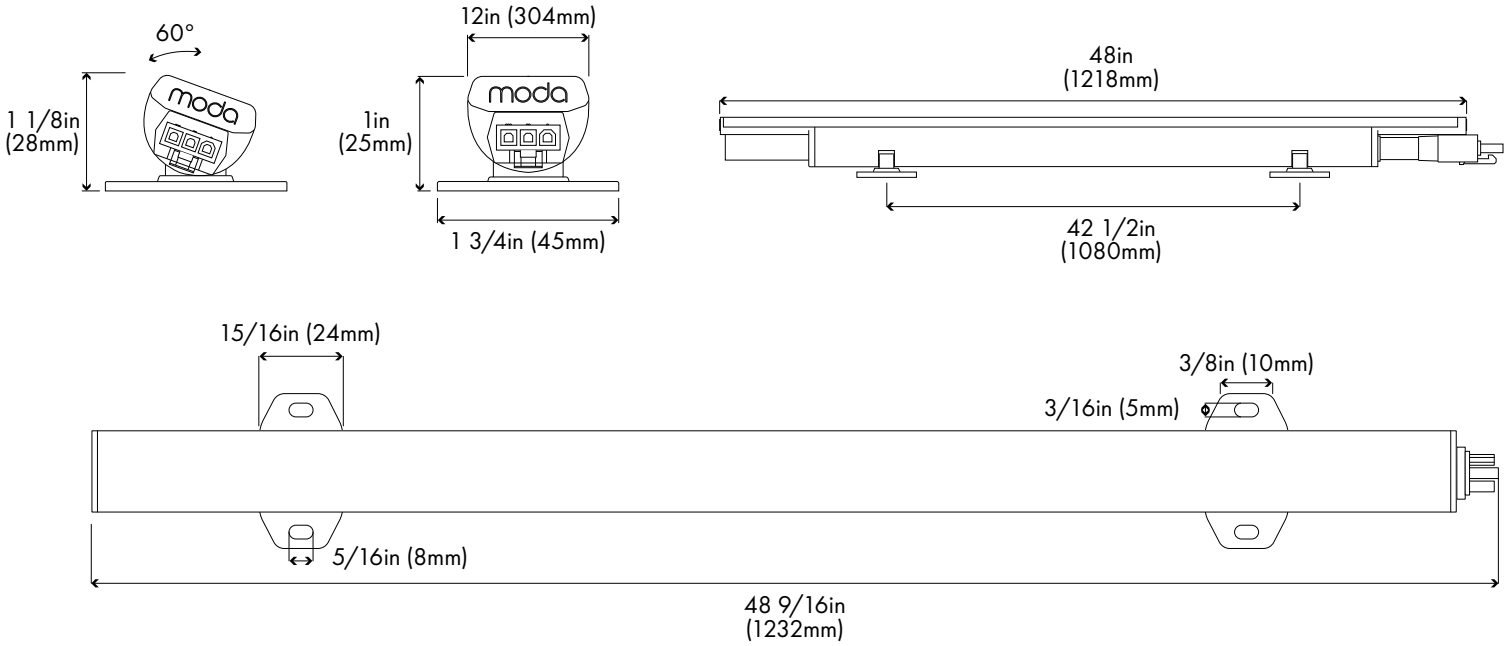

ELV

CCT	Lumens	CRI	Efficacy (LM/W)
2700K	1188	95	111
3000K	1250	95	115
3500K	1273	95	118
4000K	1302	95	125

Power Consumption

120V AC	10.5W

Max Continuous Run

120V AC	120 ft

Dependent on dimming system limitations

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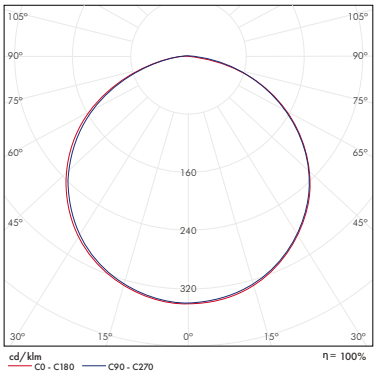
2700K



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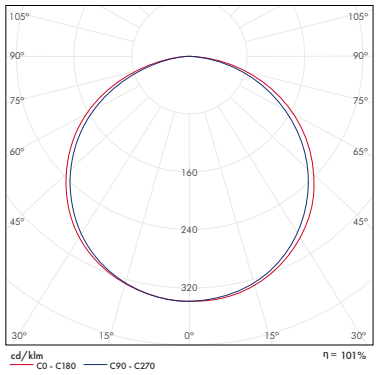

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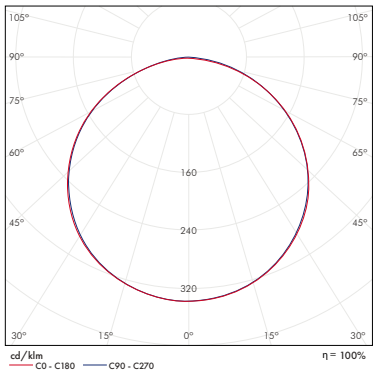

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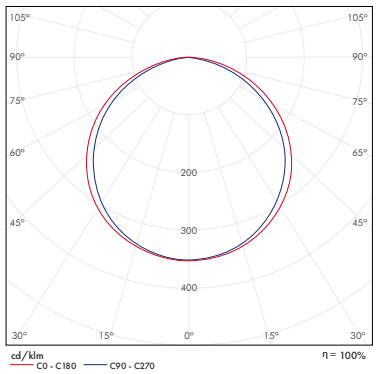

ILLUMINANCE AT A DISTANCE

2700K

	Center Beam FC	Beam Width	
2.0 ft	105.0 fc	6.4 ft	6.3 ft
4.0 ft	26.3 fc	12.8 ft	12.5 ft
6.0 ft	11.7 fc	19.2 ft	18.9 ft
8.0 ft	6.6 fc	25.6 ft	25.0 ft
10.0 ft	4.2 fc	32.7 ft	31.3 ft
12.0 ft	2.9 fc	39.8 ft	37.7 ft

Vert. Spread: 116.0° Horiz. Spread: 114.9°

3000K

	Center Beam FC	Beam Width	
2.0 ft	107.9 fc	6.8 ft	6.3 ft
4.0 ft	27.0 fc	13.6 ft	12.5 ft
6.0 ft	12.0 fc	20.6 ft	18.7 ft
8.0 ft	6.7 fc	27.5 ft	24.9 ft
10.0 ft	4.3 fc	34.3 ft	31.0 ft
12.0 ft	3.0 fc	41.1 ft	37.0 ft

Vert. Spread: 119.4° Horiz. Spread: 114.4°

3500K

	Center Beam FC	Beam Width	
2.0 ft	112.2 fc	6.4 ft	6.4 ft
4.0 ft	28.0 fc	12.9 ft	12.8 ft
6.0 ft	12.5 fc	19.5 ft	19.2 ft
8.0 ft	7.0 fc	25.9 ft	25.6 ft
10.0 ft	4.5 fc	32.3 ft	32.0 ft
12.0 ft	3.1 fc	38.7 ft	38.4 ft

Vert. Spread: 116.8° Horiz. Spread: 115.8°

4000K

	Center Beam FC	Beam Width	
2.0 ft	114.0 fc	6.7 ft	5.9 ft
4.0 ft	28.5 fc	13.3 ft	11.7 ft
6.0 ft	12.7 fc	20.1 ft	17.5 ft
8.0 ft	7.1 fc	26.6 ft	23.3 ft
10.0 ft	4.6 fc	33.3 ft	29.0 ft
12.0 ft	3.2 fc	40.1 ft	34.6 ft

Vert. Spread: 118.0° Horiz. Spread: 110.9°

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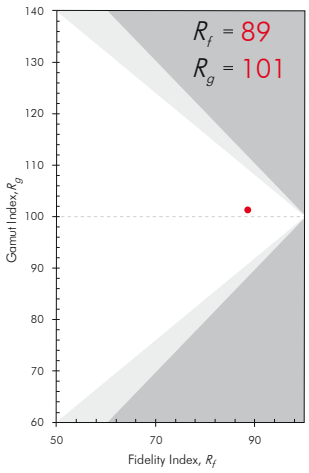
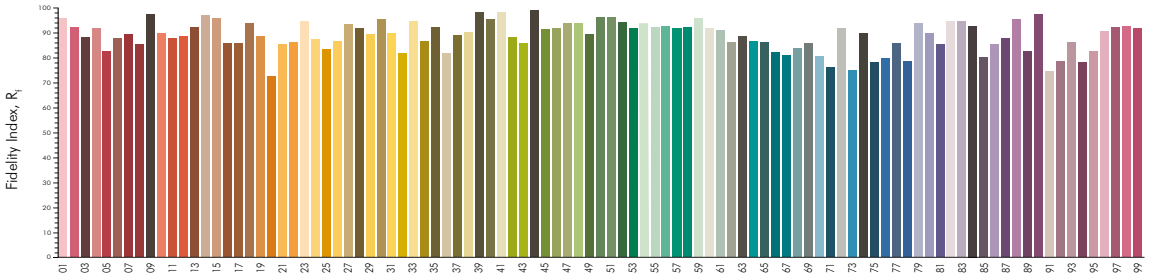
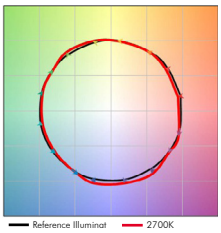
2700K TM-30







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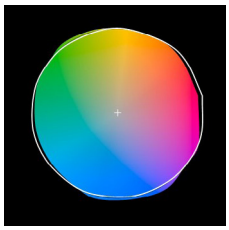
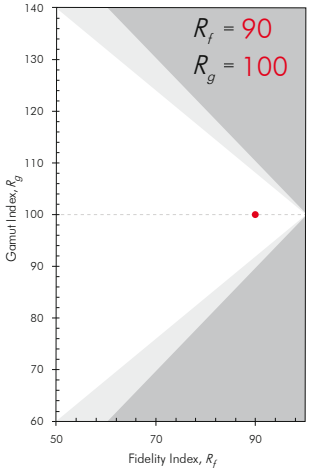
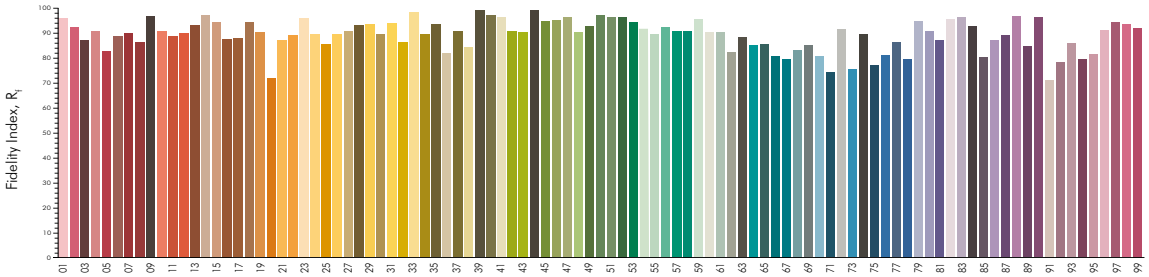
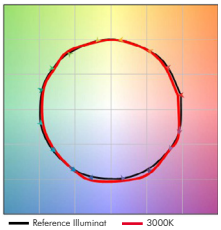


Color Distortion Graphic

3000K TM-30







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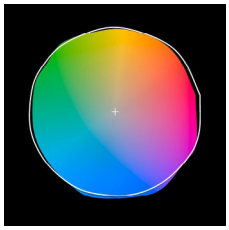
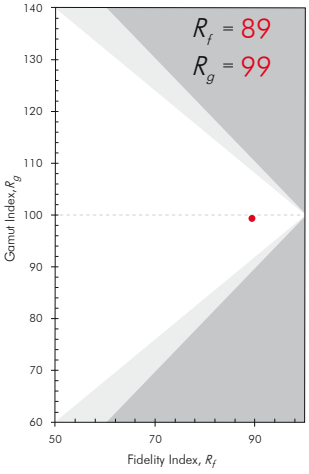
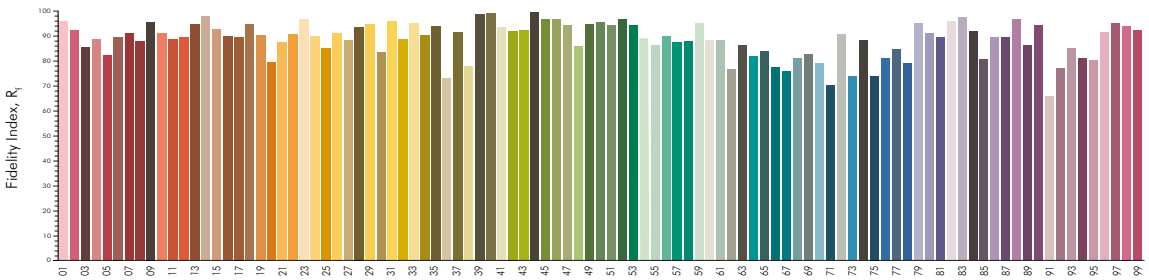
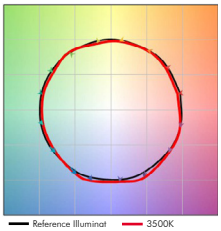


Color Distortion Graphic

3500K TM-30







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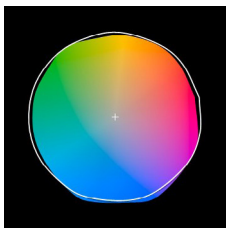

Color Distortion Graphic

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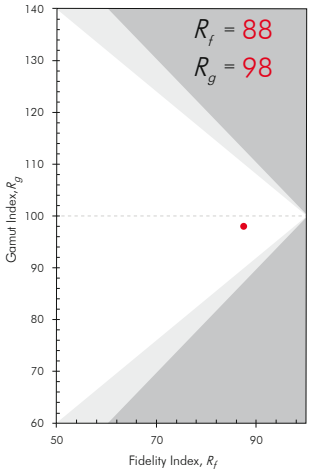
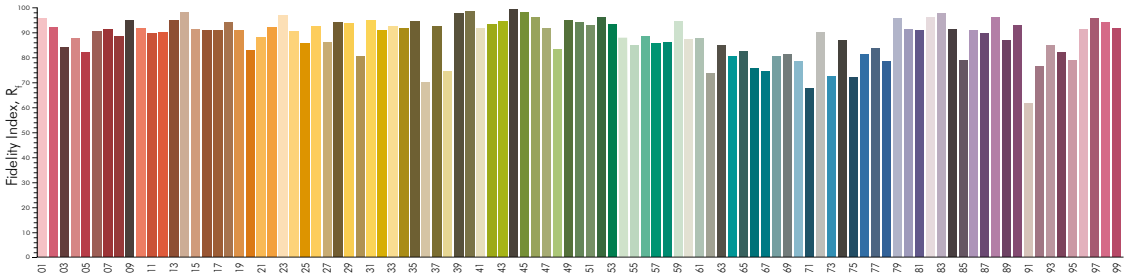
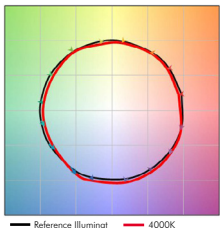
4000K TM-30







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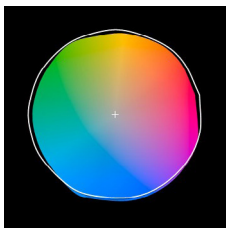
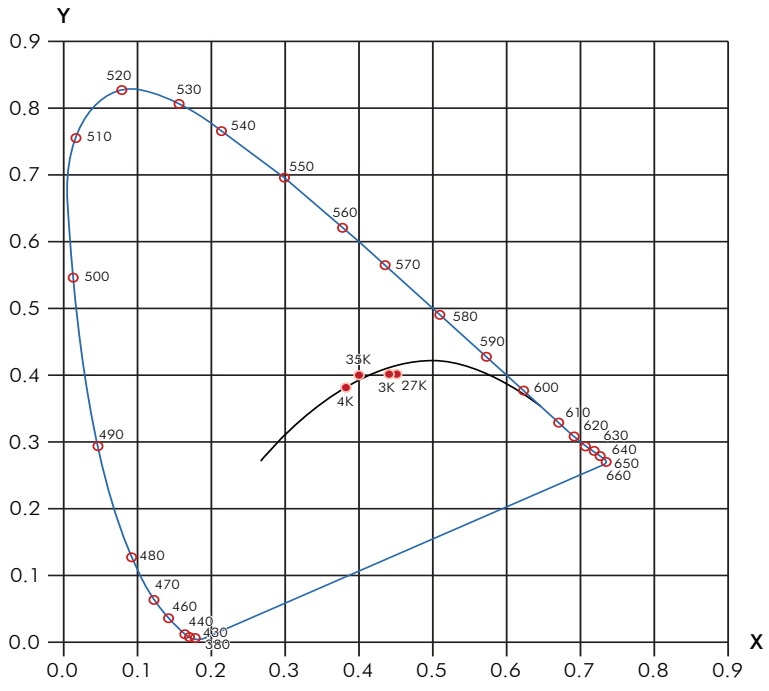


Color Distortion Graphic

R VALUES

	2700K	3000K	3500K	4000K
R1	95	98	95	97
R2	95	98	95	97
R3	99	99	99	95
R4	96	96	97	98
R5	95	96	96	98
R6	94	94	95	97
R7	98	94	98	99
R8	97	96	96	95
R9	98	99	94	91
R10	95	96	96	98
R11	95	96	96	98
R12	88	83	81	81
R13	94	97	95	97
R14	98	99	98	96
R15	89	97	99	95

CIE 1931 CHROMATICITY DIAGRAM



CCT	Coordinates
2700K	x: 0.4523 y: 0.4012 u: 0.2619 v: 0.5226
3000K	x: 0.4404 y: 0.4013 u: 0.2540 v: 0.5208
3500K	x: 0.4095 y: 0.3869 u: 0.2400 v: 0.5103
4000K	x: 0.5226 y: 0.5208 u: 0.5103 v: 0.5015

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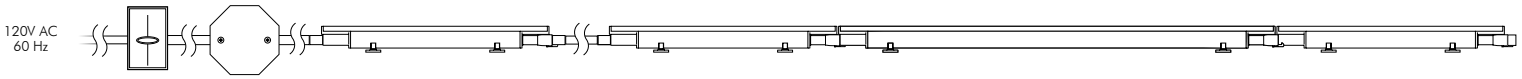
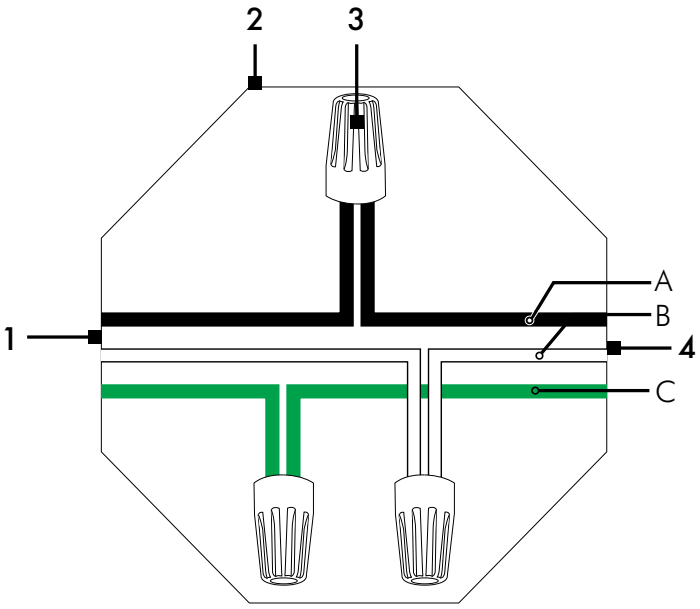
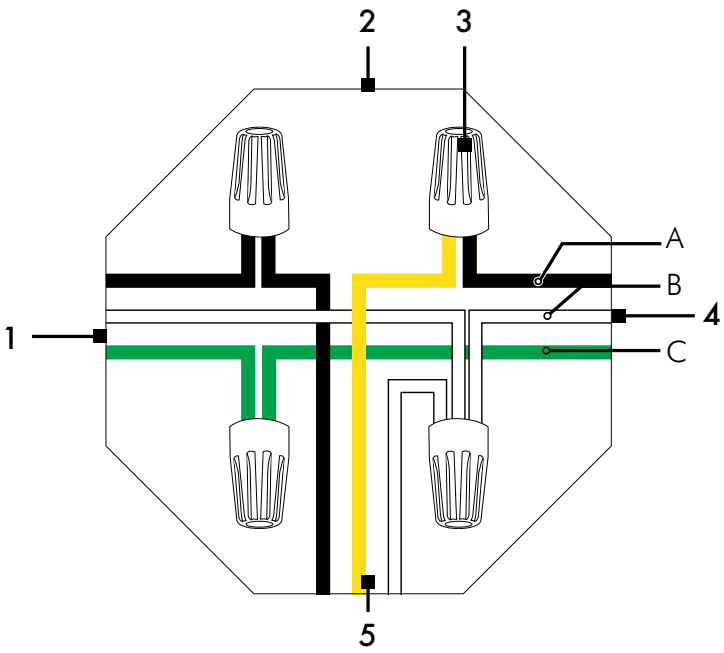


UL / cUL Non-dimming



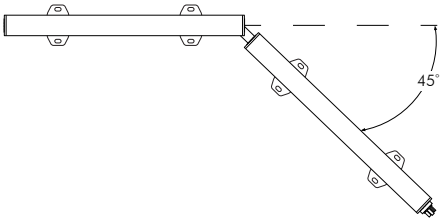
UL / cUL ELV Dimming



Wiring Legend

1	Live 120V AC
2	Junction Box
3	Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

Angle Adjustment



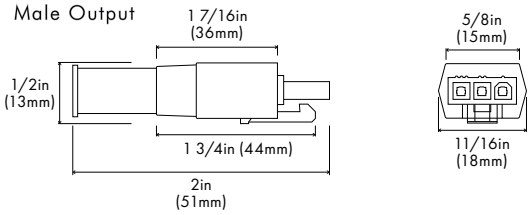
3 Pin Leader Cable

	UL/cUL	CE/CCC*
A Live 120V AC	Black	Brown
B Neutral	White	Blue
C Ground	Green	Green/Yellow

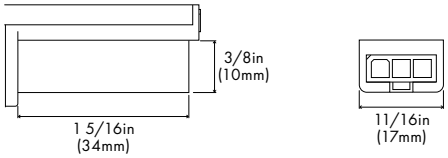
*Not illustrated

Connectors

Male Output



Female Output



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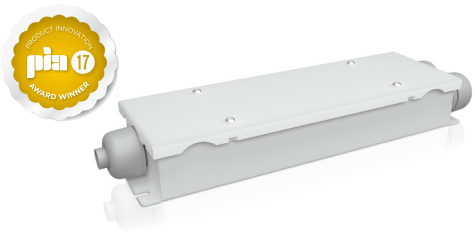
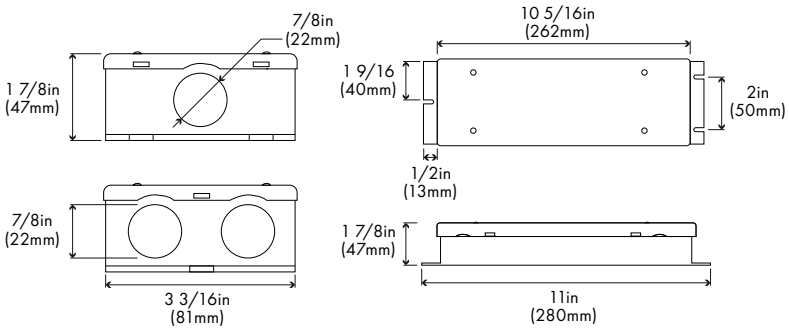
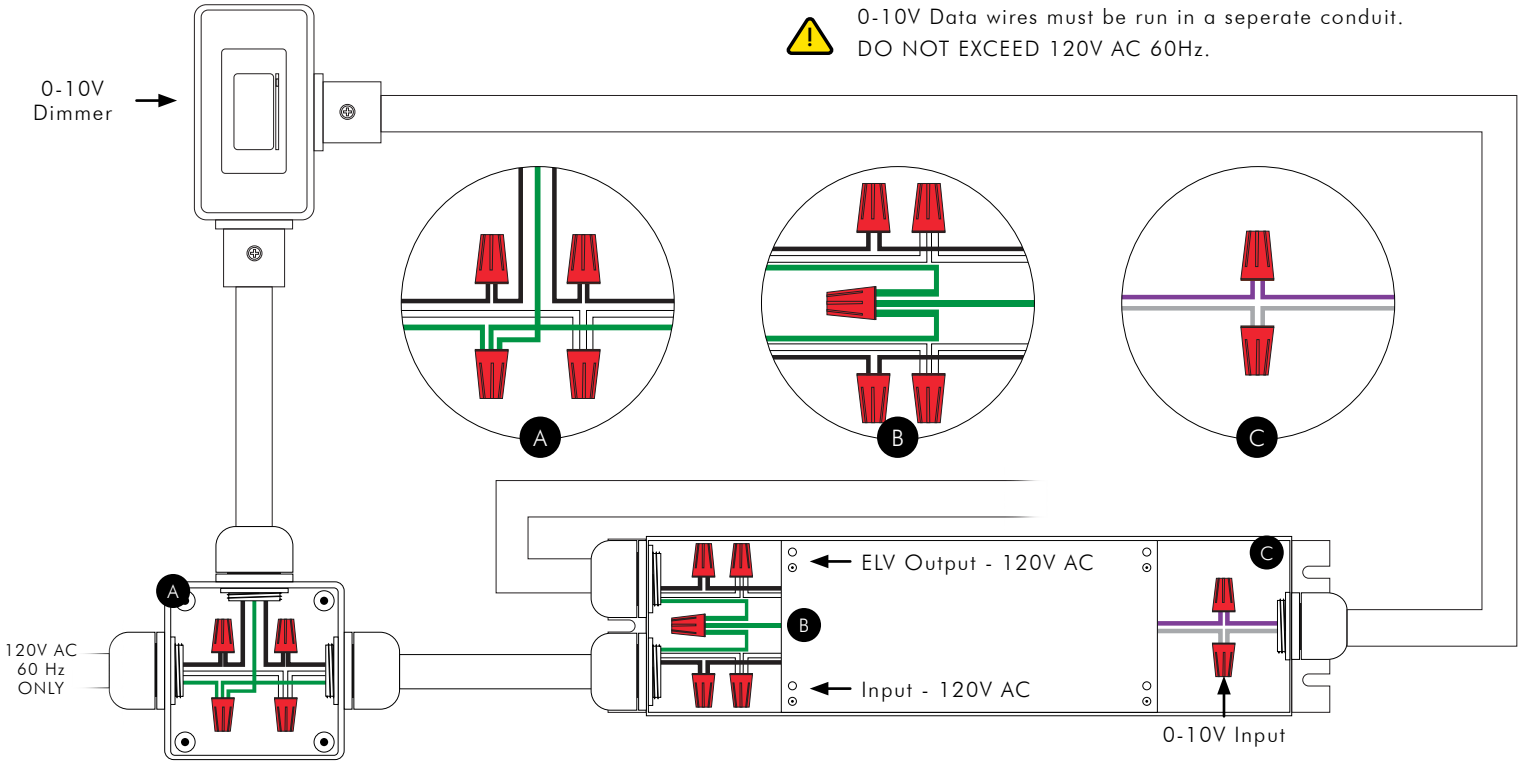




MODA BRIDGE 1

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 an Electronic Low Voltage (ELV) signal, thus enabling 0-10V control of an ELV fixture. It is optimized to perform precise smooth dimming down to 0%. Simple wiring with its integral 1/2in holes accept liquid tight or interior conduit connectors. Wire to any 120V 60 Hz feed. Power up to 840W of fixtures at 120V. Fully potted, the installer can mount this product virtually anywhere with its Wet Location IP65 rating. Fully protected from surge, short circuit, open circuit, and over temperature, the power input and data interface are protected with High Grade Surge Protection. Designed and developed by MODA LIGHT, Las Vegas USA



Input

	UL/cUL	CE/CCC*
Live 120V AC	Black	Brown
Neutral	White	Blue
Ground	Green	Green/Yellow
Data +	Purple	Black
Data -	Grey	Grey

*Not illustrated

Output

	UL/cUL	CE/CCC*
Live 120V AC	Black	Brown
Neutral	White	Blue
Ground	Green	Green/Yellow

*Not illustrated

Maximum Dimmer to Bridge Run Length: 400ft
Maximum Bridge to Fixture Run Length: 500ft*

*Voltage drop based on 14 AWG wire

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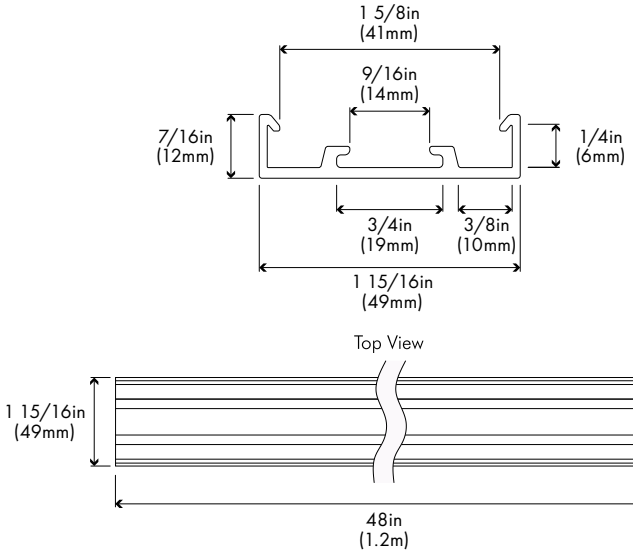


MODA NANO COVE MOUNTING TRACK

Mounting Nano Cove

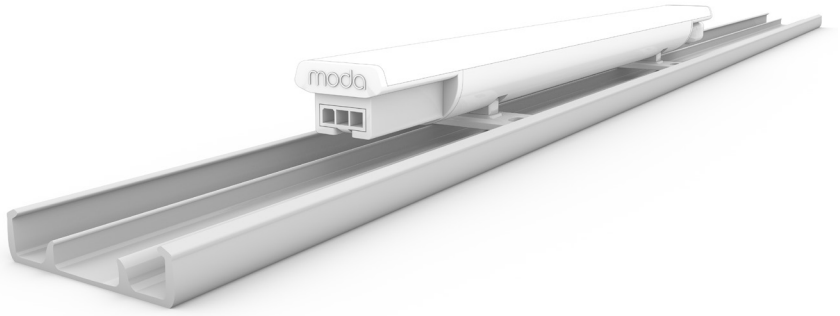
Allows users to install Moda Nano Cove fixtures in a continuous linear position. Moda Nano Cove Mounting Tracks are packaged as 5 pieces of 4ft sections to create a continuous run of 20ft.

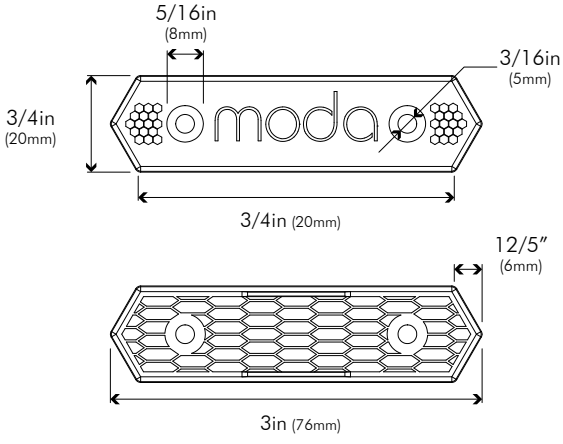
Options

Finish	W - White
Length	4ft - 4ft Sections
Quantity	5 Pieces (20ft)

Physical

Applications	Mounting of Nano fixtures
Construction	ABS Plastic





MODA NANO COVE TRACK CONNECTOR

Joins two pieces of track together.

Accepts screw sizes		
Drywall	#6	#8
Self tapping	#6	#8
Concrete Anchor	3/16″	

(By others)

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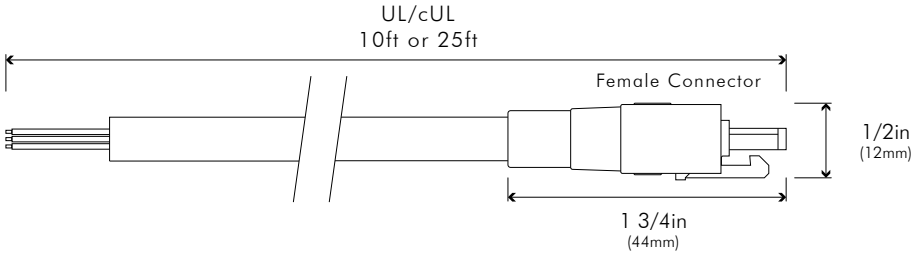
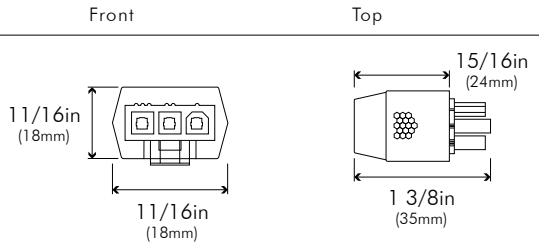
LEADER CABLES

Moda Nano Cove Interior 3 Pin Leader Cables

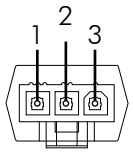
	UL/cUL
Lengths	10ft and 25ft
Color	White



Female Connector



Pin Assignment

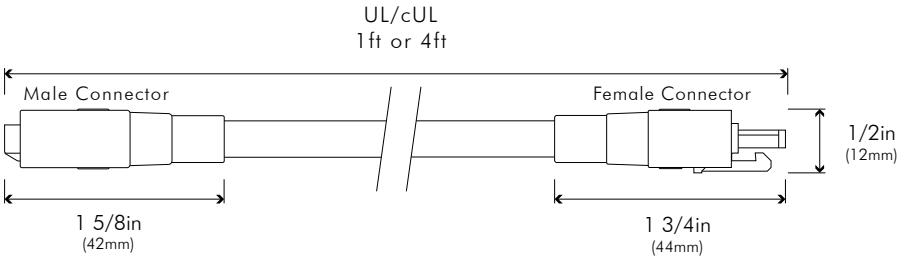


		UL/cUL
1	Live 120V	Black
2	Ground	Green
3	Neutral	White

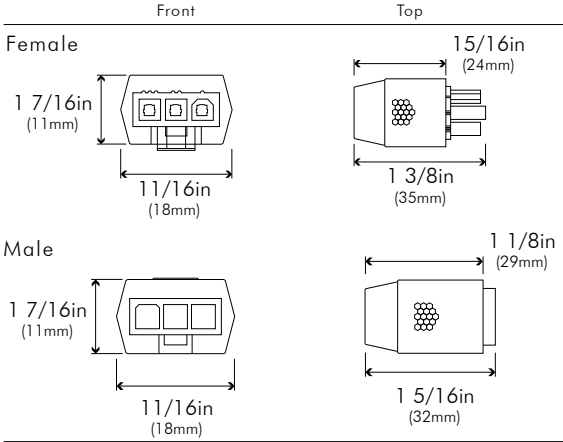
JUMPER CABLES

Moda Nano Cove Interior 3 Pin Jumper Cables

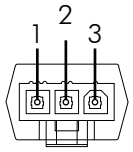
	UL/cUL
Lengths	1ft and 4ft
Color	White



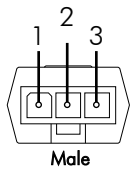
Connectors



Pin Assignment



		UL/cUL
1	Live 120V	Black
2	Ground	Green
3	Neutral	White



		UL/cUL
1	Neutral	White
2	Ground	Green
3	Live 120V	Black

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	FIXTURE	MQS*	ORDERING SKU
1FT	Moda Nano Cove Interior White 120V ELV Dimming 2700K HCRI 1FT	— — —	MNCI-S-Sx-W-E-27H-1
	Moda Nano Cove Interior White 120V ELV Dimming 3000K HCRI 1FT	— — —	MNCI-S-Sx-W-E-3H-1
	Moda Nano Cove Interior White 120V ELV Dimming 3500K HCRI 1FT	— — —	MNCI-S-Sx-W-E-35H-1
	Moda Nano Cove Interior White 120V ELV Dimming 4000K HCRI 1FT	— — —	MNCI-S-Sx-W-E-4H-1
4FT	Moda Nano Cove Interior White 120V ELV Dimming 2700K HCRI 4FT	— — —	MNCI-S-Sx-W-E-27H-4
	Moda Nano Cove Interior White 120V ELV Dimming 3000K HCRI 4FT	— — —	MNCI-S-Sx-W-E-3H-4
	Moda Nano Cove Interior White 120V ELV Dimming 3500K HCRI 4FT	— — —	MNCI-S-Sx-W-E-35H-4
	Moda Nano Cove Interior White 120V ELV Dimming 4000K HCRI 4FT	— — —	MNCI-S-Sx-W-E-4H-4

ACCESSORIES	DESCRIPTION	MQS*	ORDERING SKU
Leader Cable US 3 Pin 10FT	Power to first fixture of run	— — —	299-0000
Leader Cable US 3 Pin 25FT	Power to first fixture of run	— — —	299-0002
Jumper Cable US 3 Pin 1FT	Connection between fixtures	— — —	299-1000
Jumper Cable US 3 Pin 4FT	Connection between fixtures	— — —	299-1002
Leader Cable EU 3 Pin 3M	Power to first fixture of run		299-0001
Leader Cable EU 3 Pin 10M	Power to first fixture of run		299-0003
Jumper Cable EU 3 Pin 300MM	Connection between fixtures		299-1001
Jumper Cable EU 3 Pin 1M	Connection between fixtures		299-1003
Terminator 3 Pin	Must be fixed to last fixture for safety	— — —	299-2000
Mounting Track 20FT	Allows user to install fixtures in a continuous linear position. Packaged in 5 4ft sections in total of 20ft.	— — —	MNCI-MT-Sx-W
Track Connector	Joins two pieces of track together.	— — —	MNCI-TC-Sx-W

CONTROLS	DESCRIPTION	MQS*	ORDERING SKU
Bridge 1 US	Allows user to convert a 0-10V dimming signal into an ELV dimming signal. North American Model	— — —	250-0000

moda QuickShip
* Eligible for Moda Quick Ship

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