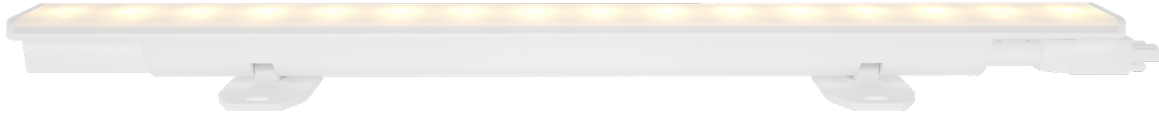


Client: \_\_\_\_\_ Project Name: \_\_\_\_\_  
MODA Contact: \_\_\_\_\_ E-Mail: \_\_\_\_\_  
SKU: \_\_\_\_\_ Type: \_\_\_\_\_ PO#: \_\_\_\_\_ Quantity: \_\_\_\_\_  
Notes: \_\_\_\_\_



### 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 1" tall (25mm) and comes in both 1' and 4' in 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 TM30 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 manufactures 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) Winner 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 175', 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 for light control, 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 adapters, converters, dimming boxes or control modules. 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.

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.

PAGE

<b>3</b>	FEATURES
<b>4</b>	1 FOOT DATA
<b>5</b>	1 FOOT POLAR CANDELA/ ILLUMINANCE AT DISTANCE
<b>6</b>	4 FOOT DATA
<b>7</b>	4 FOOT POLAR CANDELA/ ILLUMINANCE AT DISTANCE
<b>8</b>	TM 30
<b>9</b>	R VALUES/CHROMATICITY
<b>10</b>	NON-DIMMING + ELV WIRING
<b>11</b>	0-10V TO ELV BRIDGE
<b>12</b>	ACCESSORIES: MOUNTING TRACK
<b>13</b>	ACCESSORIES: CABLES
<b>14</b>	ACCESSORIES: SUMMARY

## PHYSICAL

Dimensions	L: 1ft (304mm) L: 4ft (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	Light Data LM-79-08 & LM-80-08

## 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**<sup>™</sup>

moda**HARDWARE**<sup>™</sup>

moda**DIM**<sup>™</sup>

moda**LED**<sup>™</sup>

moda**SYNERGY**<sup>™</sup>

moda**PHOSPHOR**<sup>™</sup>

moda**ZERO BIN**<sup>™</sup>

moda**HIGH CRI**<sup>™</sup>

moda**COLOR RENDITION**<sup>™</sup>

moda**KWIK CONNECT**<sup>™</sup>

## STANDARDS & CERTIFICATIONS



RoHS ✓

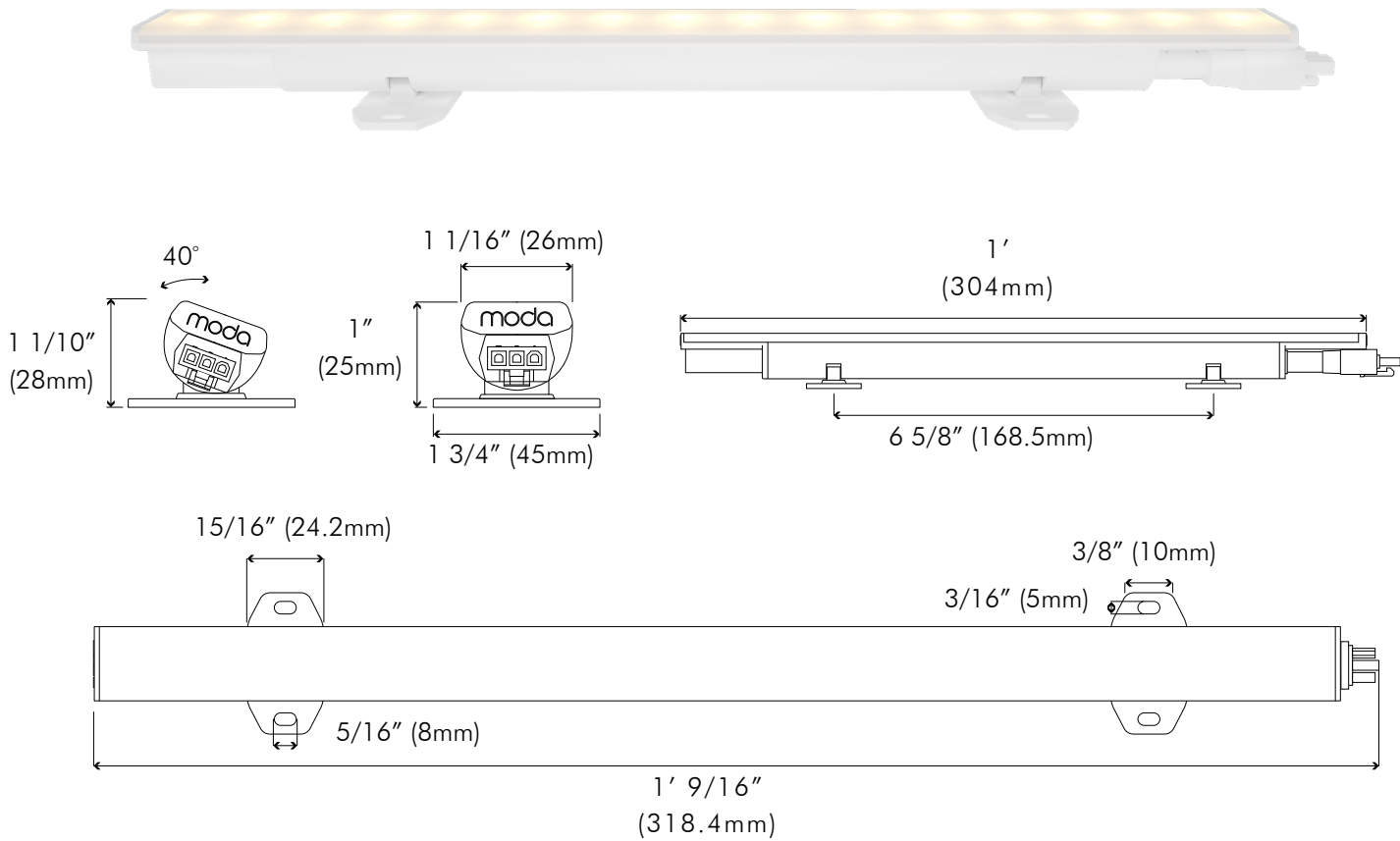


Certification

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



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

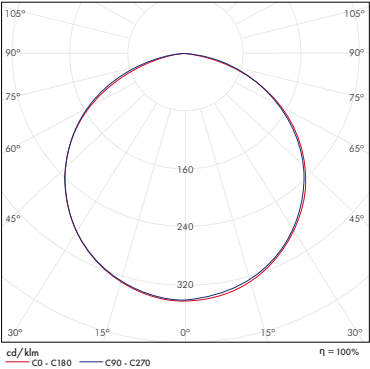
Max Continuous Run

120V AC 175 ft

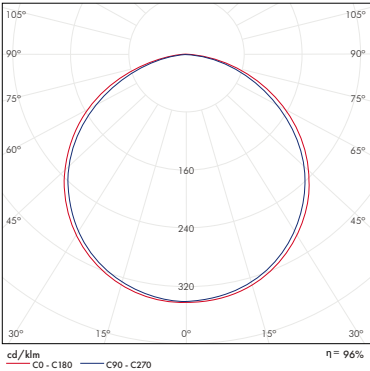
Dependant on dimming system limitations

POLAR CANDELA DISTRIBUTION

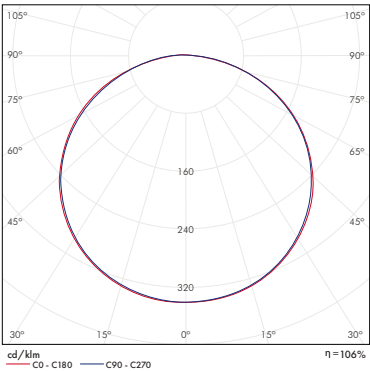
2700K



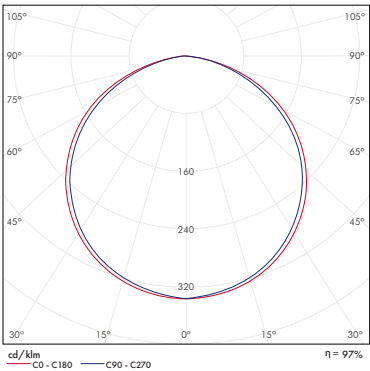
3000K



3500K

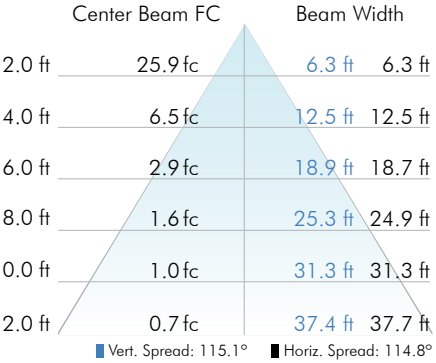


4000K

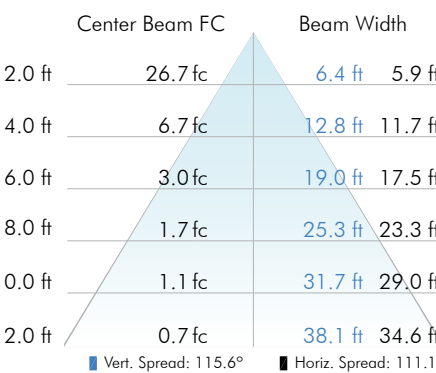


ILLUMINANCE AT A DISTANCE

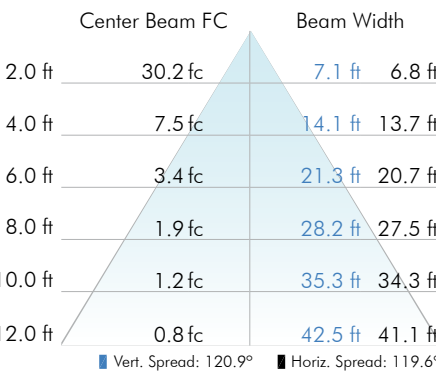
2700K



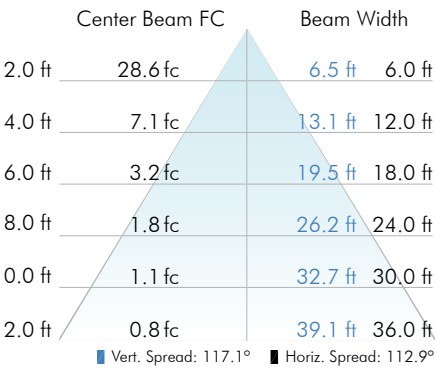
3000K

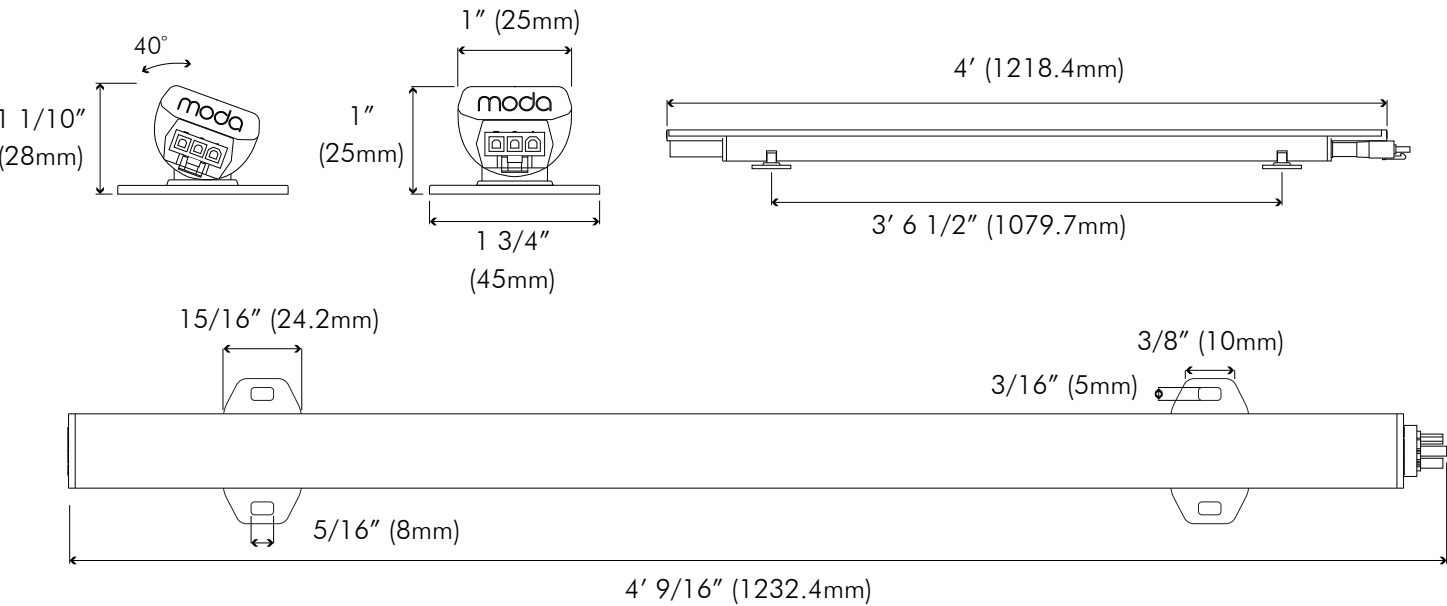


3500K



4000K





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

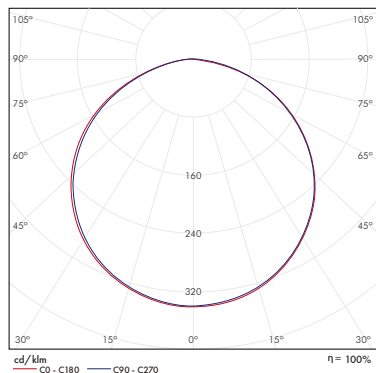
Max Continuous Run

120V AC 175 ft

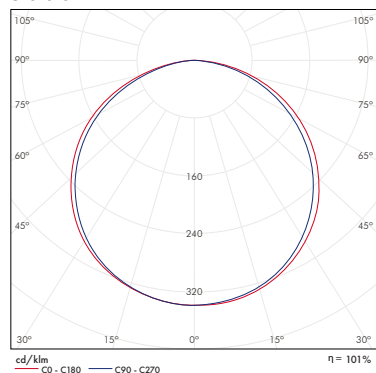
Dependant on dimming system limitations

## POLAR CANDELA DISTRIBUTION

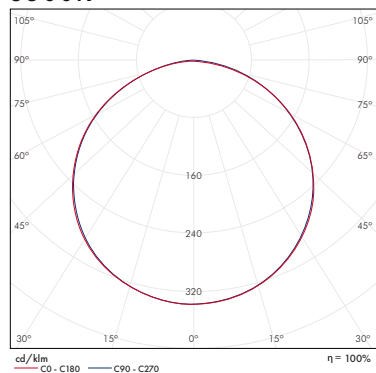
### 2700K



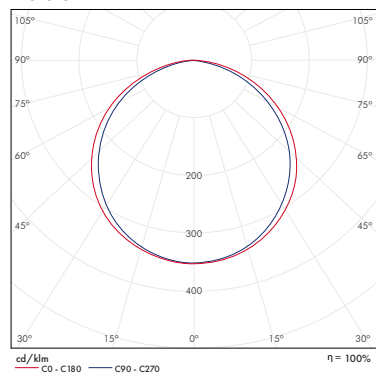
### 3000K



### 3500K



### 4000K



## 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

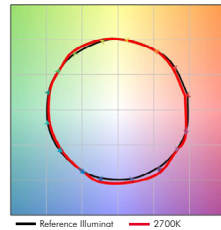
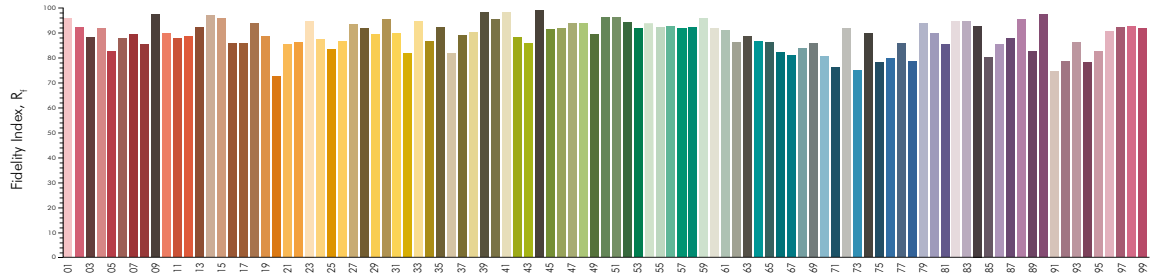
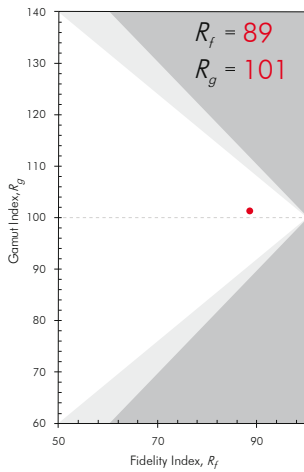
■ Vert. Spread: 116.8° ■ Horiz. Spread: 115.8°

### 4000K

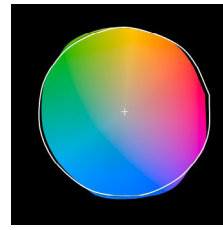
	Center Beam FC	Beam Width
2.0 ft	114.0 fc	6.7 ft 5.9 ft
4.0 ft	28.5 fc	13.3 ft 11.7 ft
6.0 ft	12.7 fc	20.1 ft 17.5 ft
8.0 ft	7.1 fc	26.6 ft 23.3 ft
10.0 ft	4.6 fc	33.3 ft 29.0 ft
12.0 ft	3.2 fc	40.1 ft 34.6 ft

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

### 2700K TM30

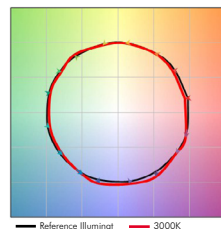
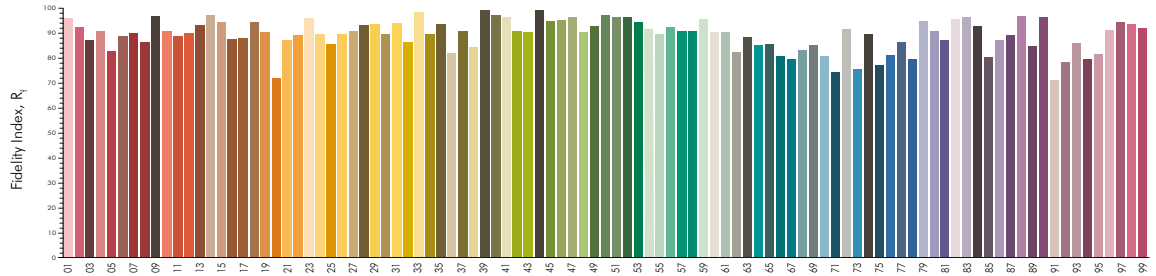
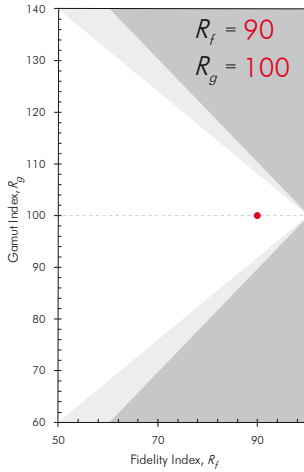


Color  
Vector  
Graphic

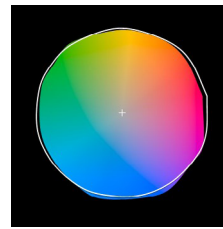


Color  
Distortion  
Graphic

### 3000K TM30

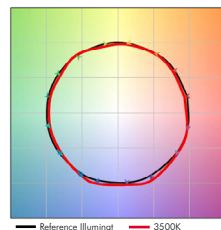
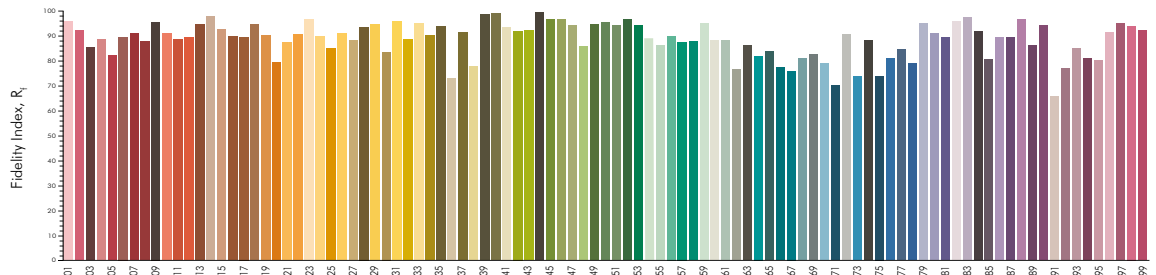
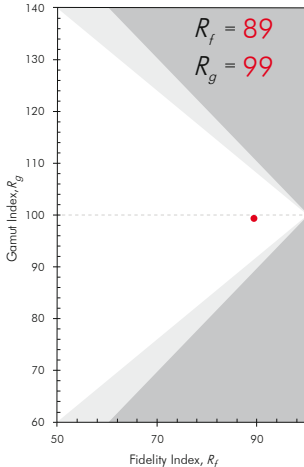


Color  
Vector  
Graphic

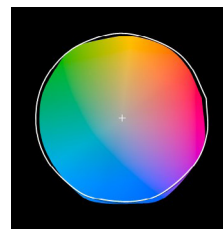


Color  
Distortion  
Graphic

### 3500K TM30



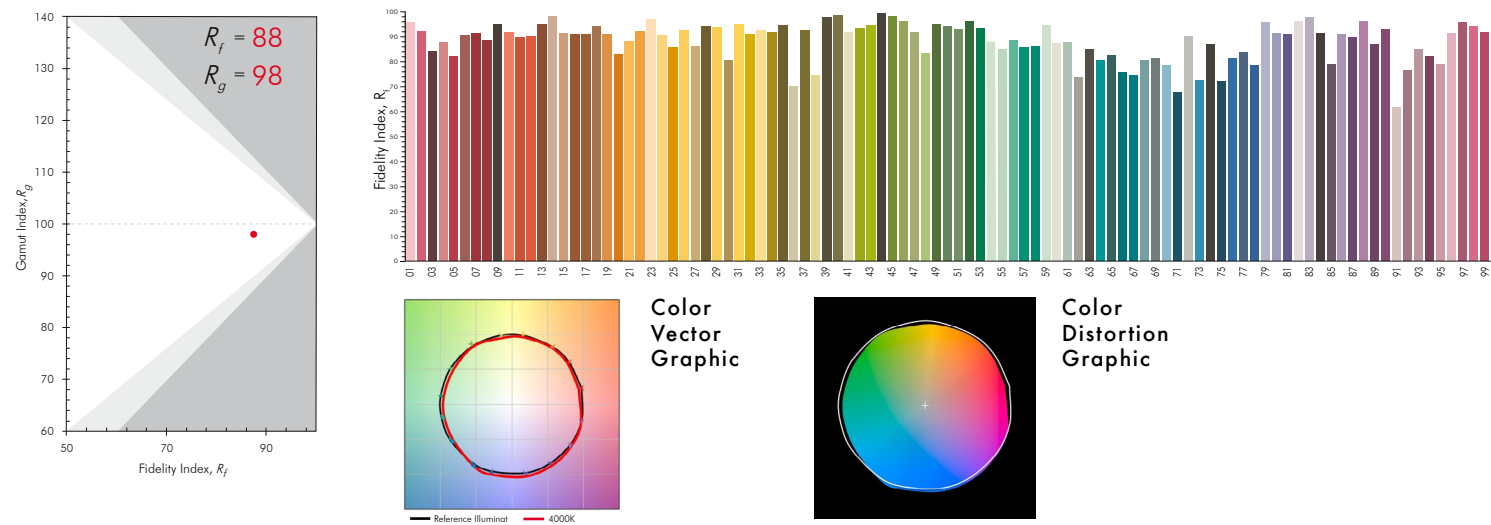
Color  
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Graphic



Color  
Distortion  
Graphic



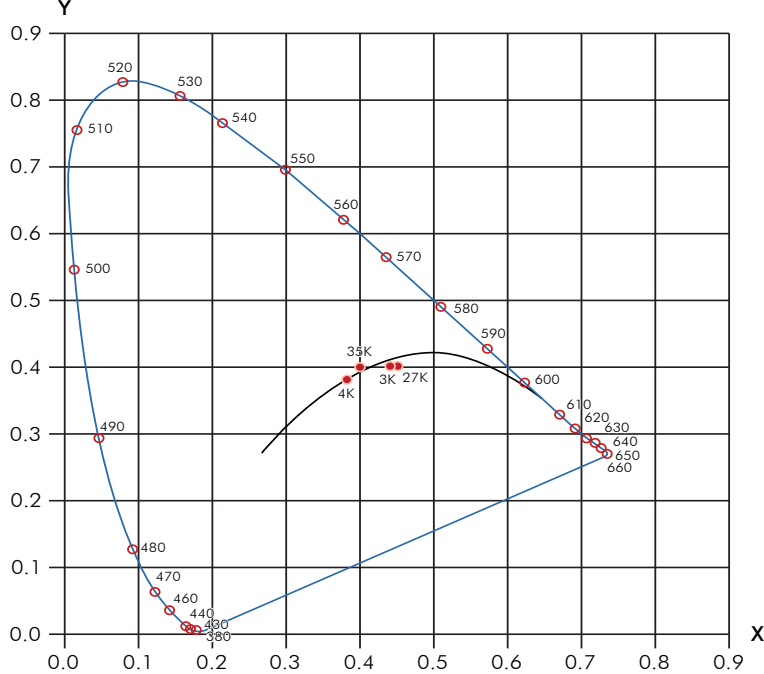
4000K TM30



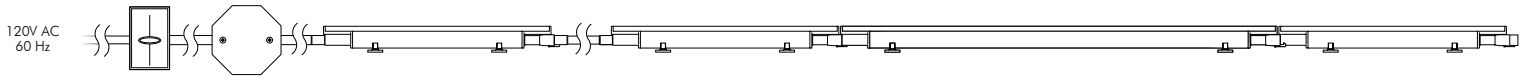
R VALUES

	2700K	3000K	3500K	4000K
R1	98	94	94	93
R2	98	96	96	95
R3	95	95	95	94
R4	96	93	93	92
R5	97	93	92	91
R6	96	93	93	91
R7	95	95	95	96
R8	92	87	88	89
R9	94	95	96	95
R10	93	88	88	86
R11	95	93	92	91
R12	82	74	69	68
R13	98	94	95	94
R14	96	96	96	96
R15	96	97	97	96

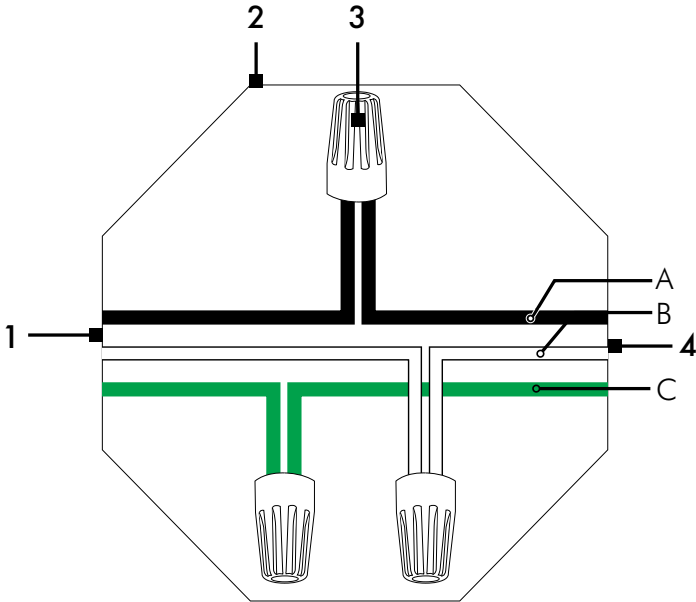
CIE 1931 CHROMATICITY DIAGRAM



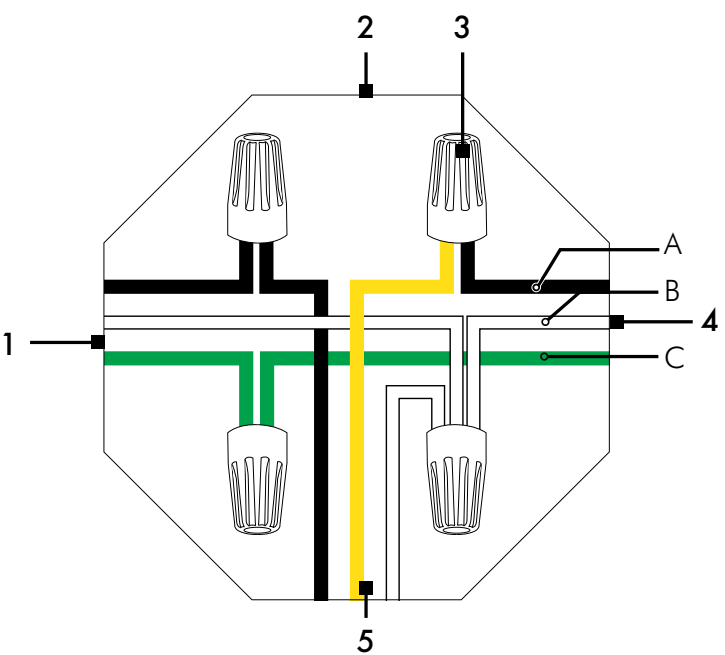
CCT	Coordinates
2700K	x: 0.4523 y: 0.4012 u: 0.2619 v: 0.5226
3000K	x: 0.4404 y: 0.4013 u: 0.2540 v: 0.5208
3500K	x: 0.4095 y: 0.3869 u: 0.2400 v: 0.5103
4000K	x: 0.5226 y: 0.5208 u: 0.5103 v: 0.5015



UL / cUL Non-dimming



UL / cUL ELV Dimming



Wiring Legend

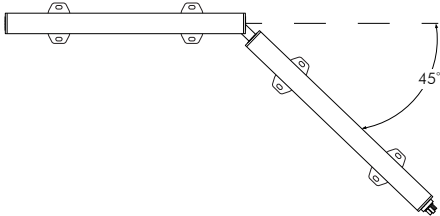
1	Live 120V AC
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

3 Pin Leader Cable

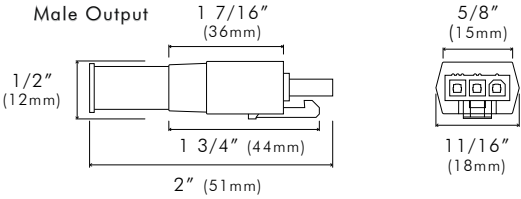
	UL/cUL	CE/CCC*
A Live 120V AC	Black	Brown
B Neutral	White	Blue
C Ground	Green	Green/Yellow

\*Not illustrated

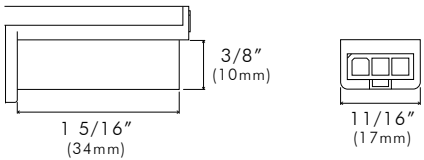
Angle Adjustment

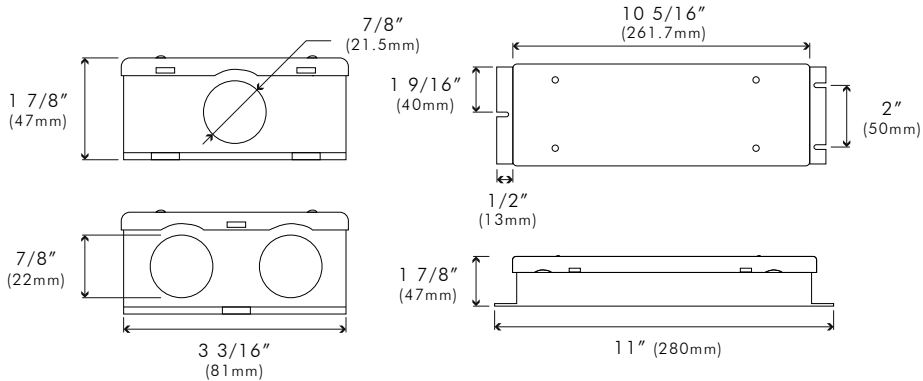


Connectors



Female Output

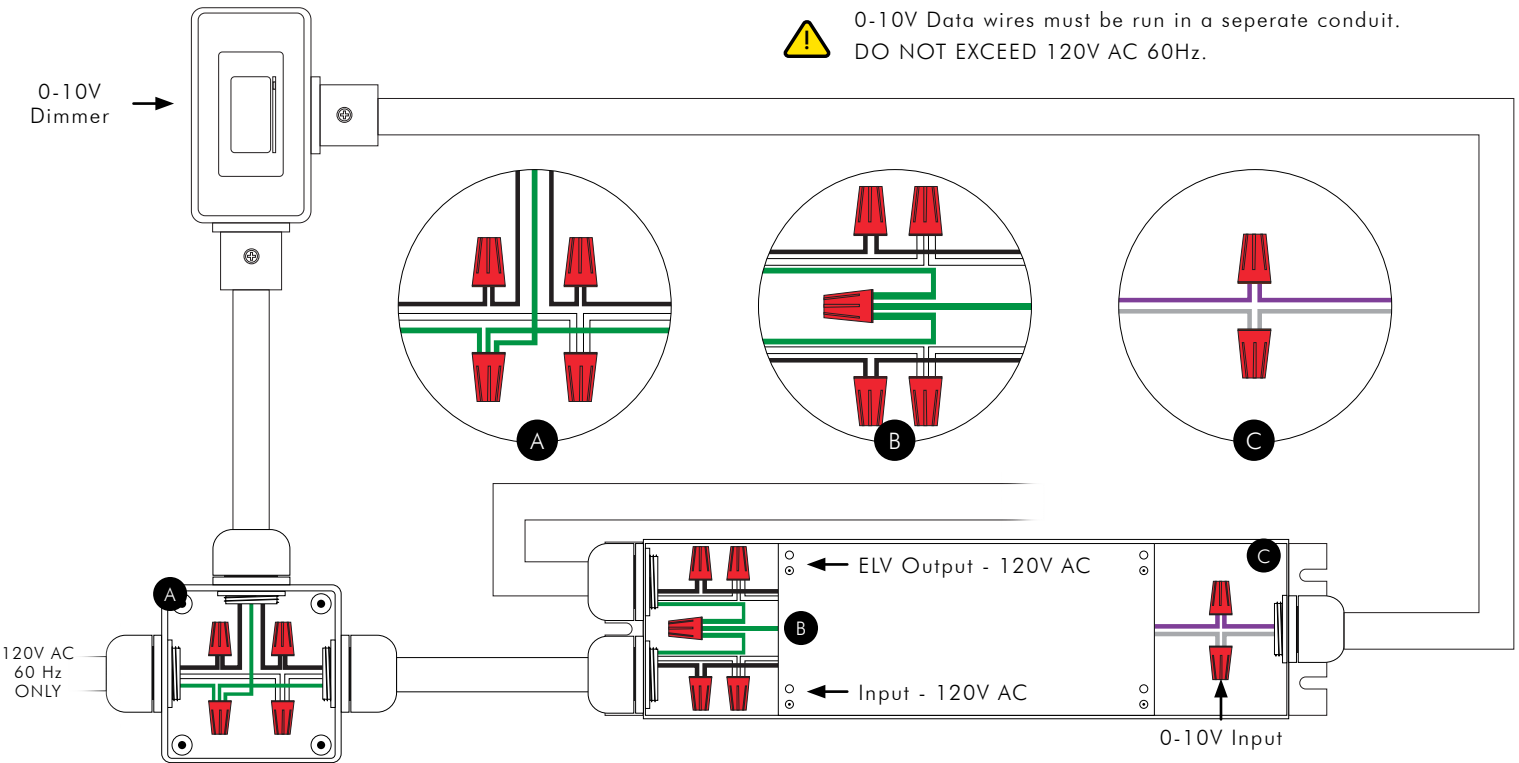




MODA BRIDGE<sup>1</sup> 2.0

Converting 0-10V to ELV.

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



Input	UL/cUL	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

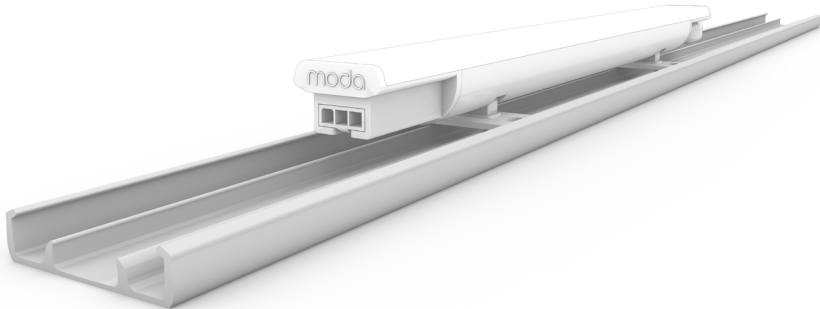
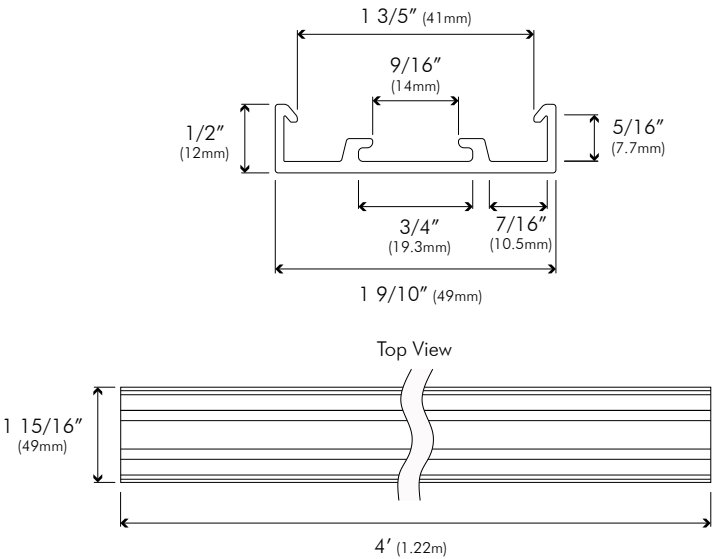


MODA NANO COVE MOUNTING TRACK

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 - 4' Sections
Quantity	5 Pieces (20ft)
Physical	
Applications	Mounting of Nano fixtures
Construction	ABS Plastic



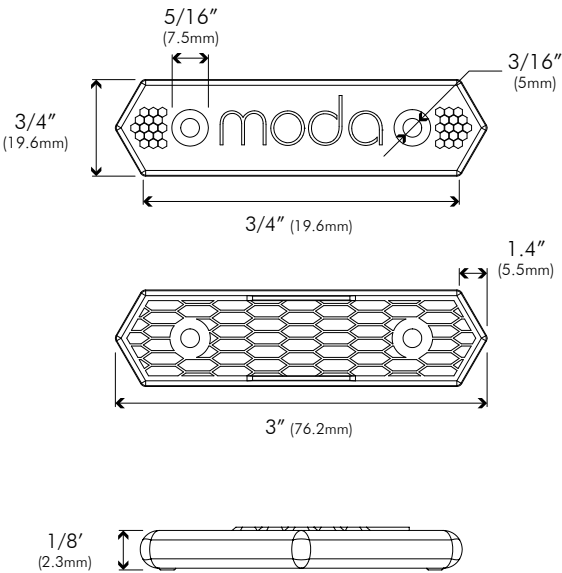
MODA NANO COVE TRACK CONNECTOR

Joins two pieces of track together.

Accepts screw sizes

Drywall	#6	#8
Self tapping	#6	#8
Concrete Anchor	3/16"	

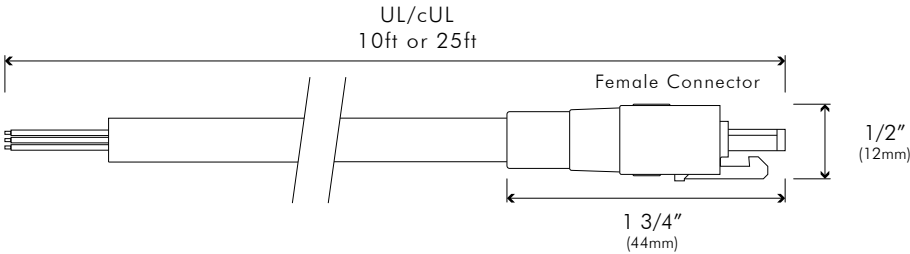
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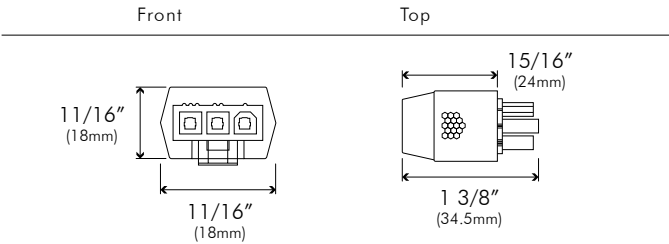
LEADER CABLES

Moda Nano Cove Interior 3 Pin Leader Cables

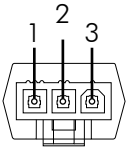
	UL/cUL
Lengths	10ft and 25ft
Color	White



Female Connector



Pin Assignment

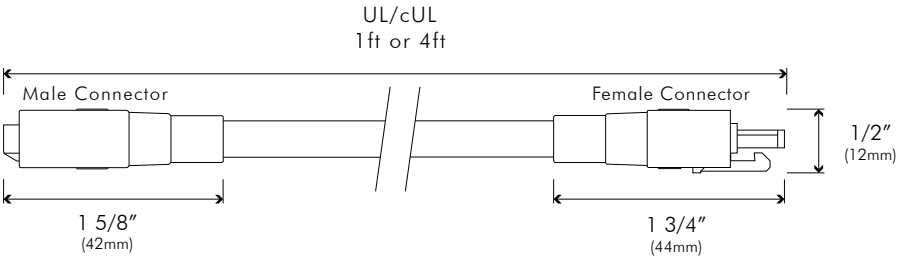


		UL/cUL
1	Live 100-277V	Black
2	Ground	Green
3	Neutral	White

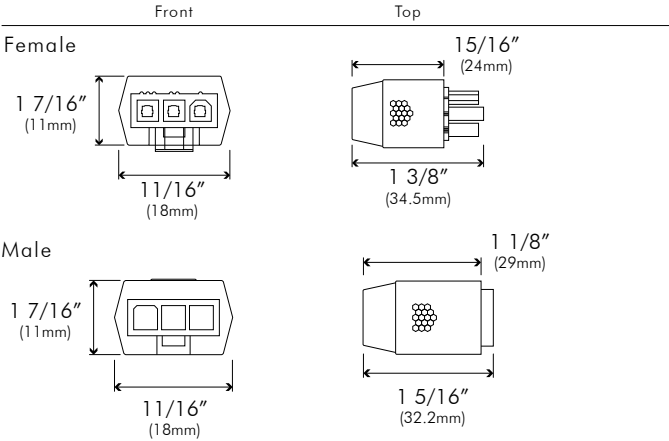
JUMPER CABLES

Moda Nano Cove Interior 3 Pin Jumper Cables

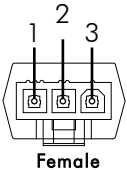
	UL/cUL
Lengths	1ft and 4ft
Color	White



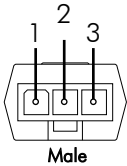
Connectors



Pin Assignment



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



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

	FIXTURE	SKU
1 FT	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
4 FT	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	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 30cm	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	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	SKU
Bridge 1 US	Allows user to convert a 0-10V dimming signal into an ELV dimming signal. 840W 120V AC 60Hz. IP65 - Wet location rated. North American Model	250-0000