

Project Name: _____ SKU: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO#: _____ Quantity: _____

Notes: _____



Miniature Line Voltage Cove Fixture.

Our multi award winning MODA MINI COVE® series is now available in DMX 512 controllable color changing fixtures. Utilizing the same small fixture 1 5/16" (33mm) tall fixture that the other MINI COVE family members utilize with all of their wealth of great features, these intelligent digital cove fixtures can produce striking color washes of bright colors in any cove, alcove or accent applications. Advanced MODA firmware allows our fixtures to accept a standard DMX signal from most controllers and to display smooth color changes across the lighting spectrum. DMX is limited just to 256 steps of brightness, these are the same steps that are used to mix colors. Our Microprocessors convert this information using our patent pending technology to soft fluid color transitions and smooth soft dimming. Our fixtures utilize the most advance Tricolor LEDs in the world to produce excellent uniform colors. Installation is easy and fast, no costly control boxes, bridges, adapters or converters are required. Boosters or amplifiers which makes installation more complicated are also not required. Simplicity is key to an easy and fast installation.

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. Integral end to end thumb latch connectors with simple leader and jumper cables complete an installation quickly. 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.

Choose from RGB, RGBA or RGBW fixtures. RGBW fixtures are available in High CRI 2700K, 3000K, 3500K or 4000K. These fixtures benefit with high R1-R15 values and excellent TM30 results for excellent white light cove illumination. Mix the white die with RGB to create soft pastel colors. 2700K is an excellent example of incandescent looking illumination. Colors are crisp and sharp. Ideal for all applications which require a high quality incandescent look. 3000K has often been described as one of the best looking 3000K in the industry. 3500K is the color which has now become our standard go to temperature, not being too neutral with a hint of warmth. 4000K is perfect for offices and retail. Accessories include full series of Controllers, MODA dual power and data cables, DMX cables, MODA DMX Wiring Hubs and an easy to install mounting track. Choose from 1ft or 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.

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.

PAGE

3	FEATURES
4	1 FOOT
5	4 FOOT
6	R VALUES/CHROMATICITY
7	DMX WIRING
8	ACCESSORIES: MOUNTING TRACK
9	ACCESSORIES: CABLES
10	FIXTURES & ACCESSORIES

PHYSICAL

Dimensions	L: 1ft 1/4in (308mm) L: 4ft 5/32in(1.22m)	W: 1 3/16in(29mm) H: 1 1/2in(38mm)
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 ~ 149°F (-20°C ~ 65°C)	
Storage Temperature	-13°F ~ 158°F (-25°C ~ 70°C)	
Humidity	20-70% Non Condensing	

OUTPUT

CCT & SDCM	RGBA - N/A	
Color Bin Tolerance	Zero Bin	
Wavelength	Variable for RGBA	
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	DMX 512	
Power Factor	≥ 0.98	

DIMMING

	Outputs Available
1 Foot	SO
4 Foot	SO

MODA TECHNOLOGY

moda**SOFTWARE**[™]

moda**HARDWARE**[™]

moda**DMX**[™]

moda**LED**[™]

moda**MICRO DRIVER**[™]

moda**PHOSPHOR**[™]

moda**ZERO BIN**[™]

moda**THERMAL MANAGEMENT**[™]

moda**AIRFLOW**[™]

moda**COLOR RENDITION**[™]

moda**LOCK**[™]

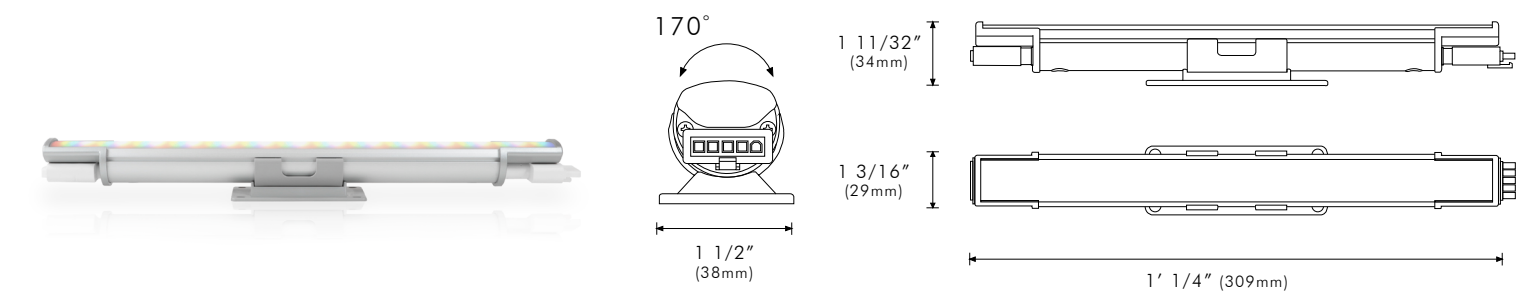
moda**KWIK CONNECT**[™]



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

Class 1

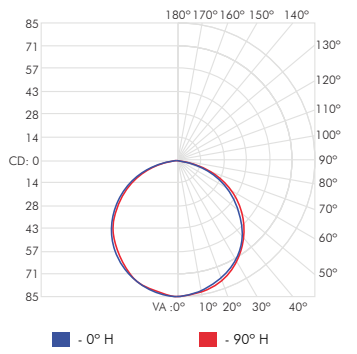
Warranty 5 Year Limited Warranty



DMX

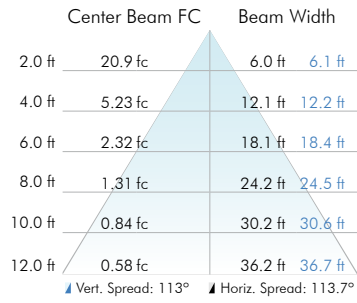
	Lumens	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
Red	27.30	4.62	4.33	4.2
Green	59.23	10.03	9.40	9.11
Blue	15.94	2.70	2.53	2.45
Amber	118.17	20.02	18.75	18.18
RGB	120.47	20.41	19.12	18.53
RGBA	238.64	40.44	37.87	36.71

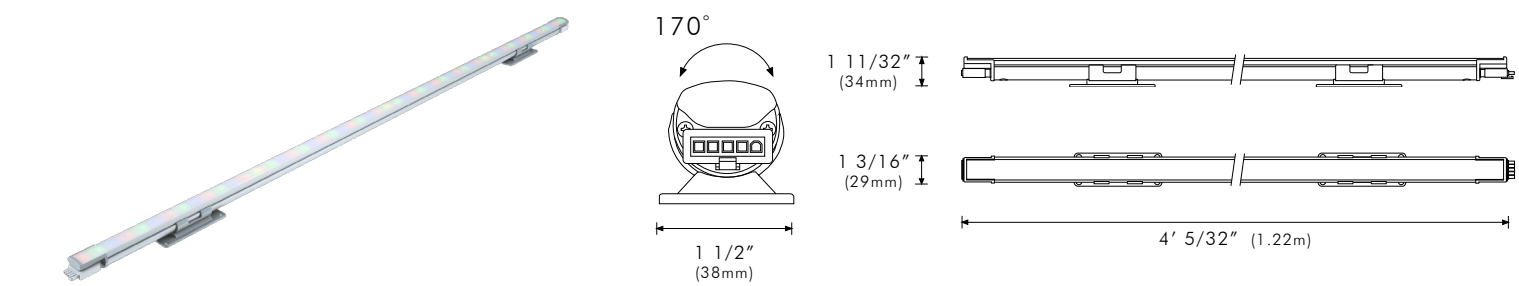
Polar Candela Distribution
RGBA



SO Power Consumption		SO Max Run Lengths	
120V AC	5.9W	120V AC	120 ft
240V AC	6.3W	240V AC	240 ft
277V AC	6.5W	277V AC	240 ft

Illuminance at a Distance
RGBA

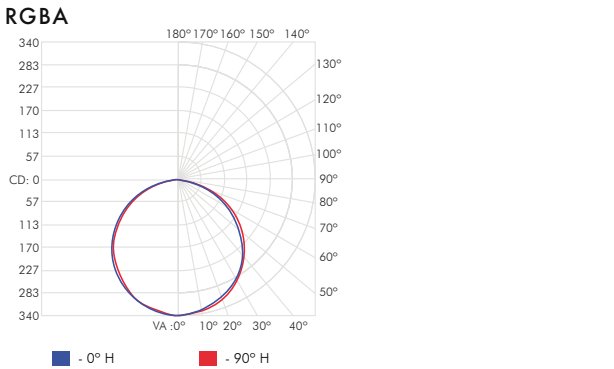




DMX

	Lumens	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
Red	109.20	4.96	4.94	4.91
Green	236.92	10.76	10.72	10.67
Blue	63.76	2.89	2.88	2.87
Amber	472.68	21.48	21.38	21.30
RGB	481.88	21.90	21.80	21.70
RGBA	954.56	43.38	43.19	42.99

Polar Candela Distribution



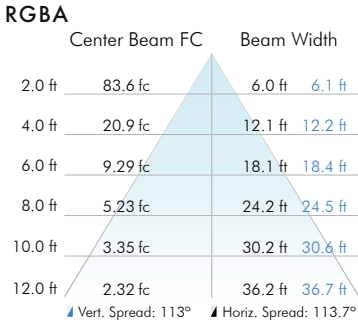
SO Power Consumption

120V	22W
240V	22.1W
277V	22.2W

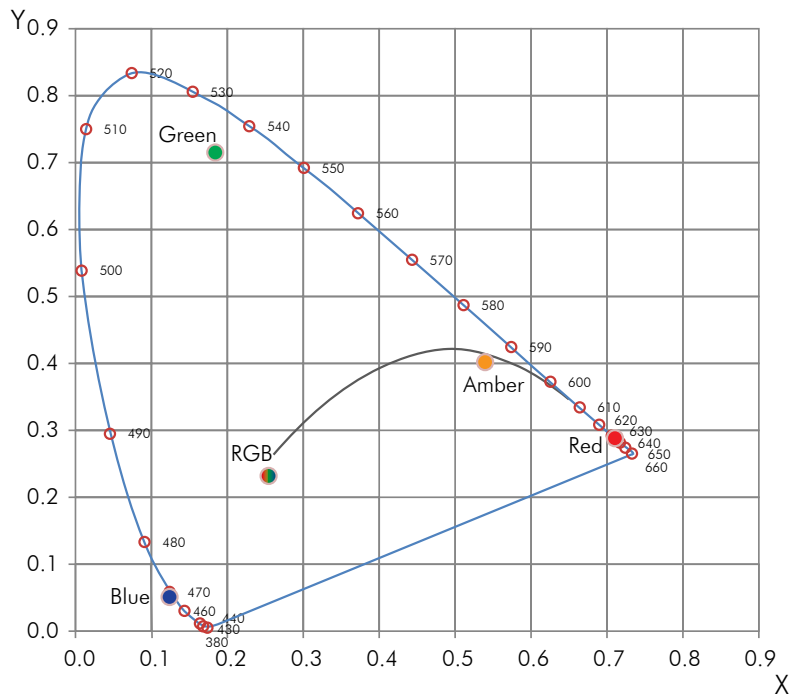
SO Max Run Lengths

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

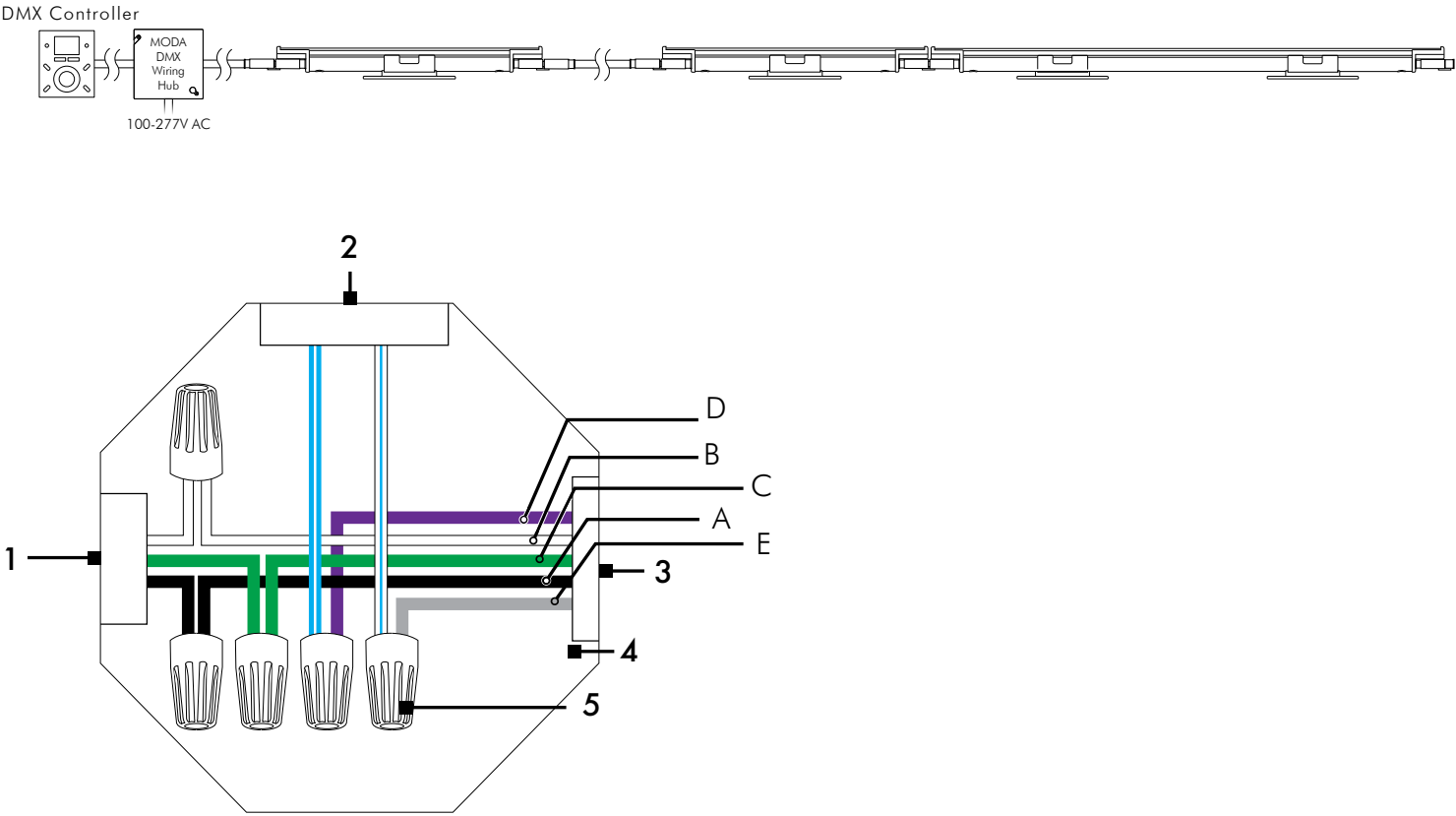
Illuminance at a Distance



CIE 1931 CHROMATICITY DIAGRAM



Color	Coordinates	Wavelength
Red	x: 0.7061 y: 0.2927 u: 0.5538 v: 0.5165	641nm
Green	x: 0.1834 y: 0.7221 u: 0.0649 v: 0.5752	523nm
Blue	x: 0.1385 y: 0.0517 u: 0.1657 v: 0.1392	466nm
Amber	x: 0.5415 y: 0.4189 u: 0.3145 v: 0.5412	611nm
RGB	x: 0.2567 y: 0.2360 u: 0.1931 v: 0.3994	642nm



Wiring Legend

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

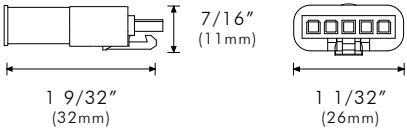
5 Pin Leader Cable

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

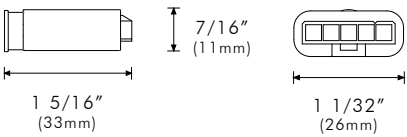
*Not illustrated

DMX Connectors

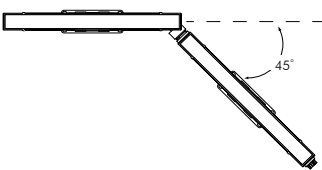
Male Output

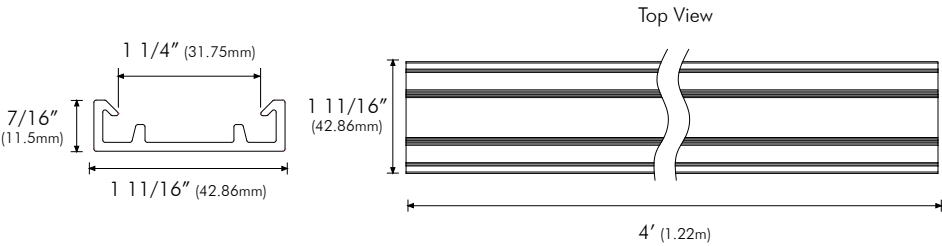


Female Output



Angle Adjustment



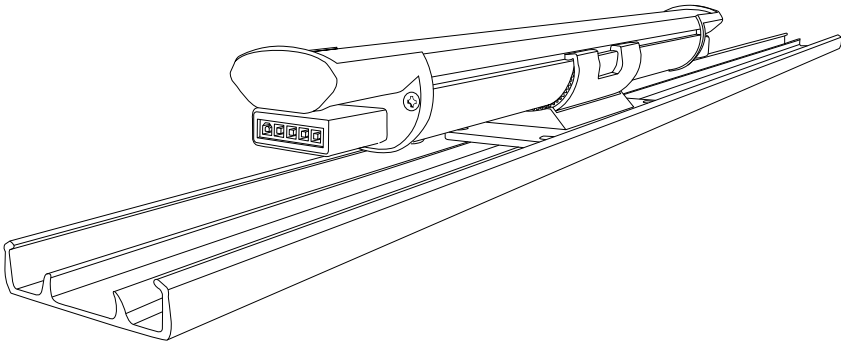


MODA MINI COVE MOUNTING TRACK

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
Length	4ft - 4' Sections
Quantity	5 Pieces (20ft)

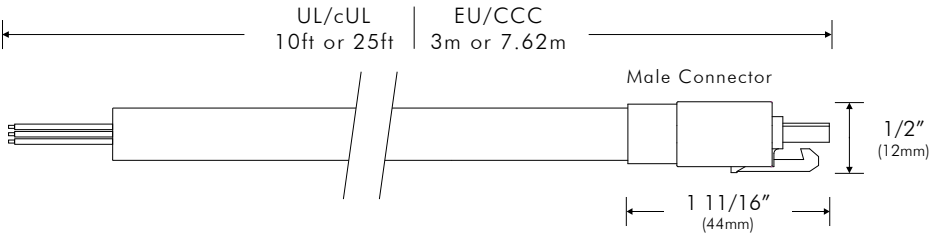


Physical	
Applications	Cove, Accent
Construction	Polycarbonate

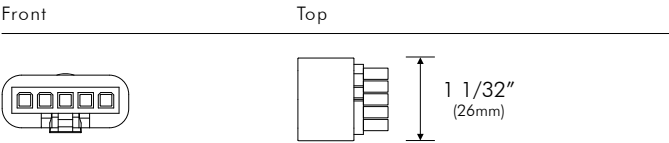
DMX LEADER CABLES

Moda Mini Cove Interior 5 Pin Leader Cables

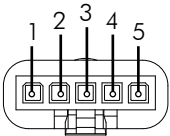
	UL/cUL	EU/CCC
Lengths	10ft and 25ft	3m and 7.62m
Color	White	White



Male Connector



Pin Assignment

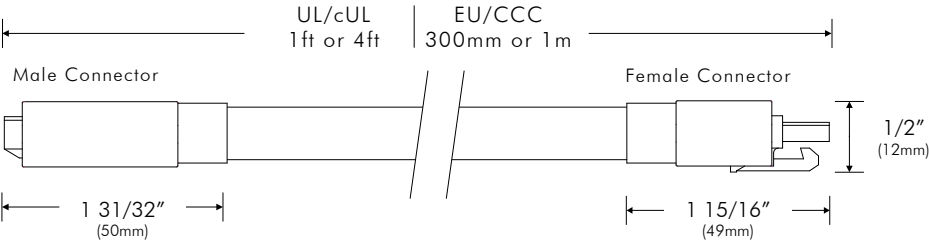


		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Neutral	White	Blue
3	Ground	Green	Green/ Yellow
4	Data Positive	Purple	Black
5	Data Negative	Gray	Gray

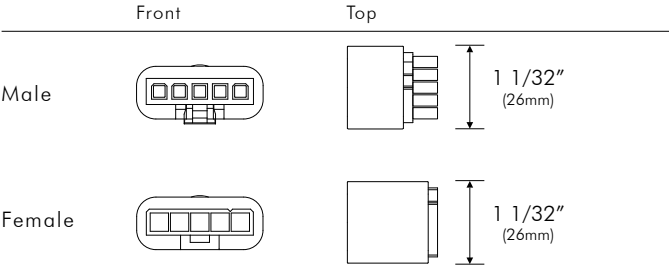
DMX JUMPER CABLES

Moda Mini Cove Interior 5 Pin Jumper Cables

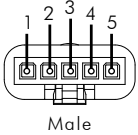
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	White	White



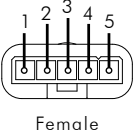
Connectors



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



		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

FIXTURE	SKU
1 FT Moda Mini Cove Interior Standard Output Silver DMX 512 RGBA 1FT	105-1603
4 FT Moda Mini Cove Interior Standard Output Silver DMX 512 RGBA 4FT	105-3603

ACCESSORIES	DESCRIPTION	SKU
Leader Cable US 5 Pin 10ft	Power to first fixture of run	299-0100
Leader Cable US 5 Pin 25ft	Power to first fixture of run	299-0102
Jumper Cable US 5 Pin 1ft	Connection between fixtures	299-1100
Jumper Cable US 5 Pin 4ft	Connection between fixtures	299-1102
Leader Cable EU 5 Pin 3m	Power to first fixture of run	299-0101
Leader Cable EU 5 Pin 7.62m	Power to first fixture of run	299-0103
Jumper Cable EU 5 Pin 300mm	Connection between fixtures	299-1101
Jumper Cable EU 5 Pin 1m	Connection between fixtures	299-1103
Terminator 5 Pin	Must be fixed to last fixture for safety	299-2100
Mounting Track	Allows user to install fixtures in a continuous linear position. Packaged in 5 4ft sections in total of 20ft.	299-3200

CONTROLS	DESCRIPTION	SKU
Kandi Touch	DMX 512 Controller Available in black and white	KND-TCH-B KND-TCH-W

CONTROL ACCESSORIES	DESCRIPTION	SKU
Moda DMX Wiring Hub 2.0	Simplifies wiring and strengthens DMX signal.	250-0100
Belden Shielded Cable 500ft	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-500FT
Belden Shielded Cable 1000ft	RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	BDL-9841-1000FT