

Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO #: _____ Quantity: _____

Notes: _____



Miniature Line Voltage Graze Fixture.

MODA MINI GRAZE INTERIOR is an exciting brand new Wall Grazing Lighting System built upon our award winning, patented, MINI COVE Series. This patented series is now available in DMX controllable Dynamic White. Ideal for cove and alcove applications where high quality tunable white is a requirement. Advanced MODA Microprocessors allows the fixtures to be controlled via standard DMX512 signals. This, together with a non-linear dimming algorithm, results in ultra smooth transitions and dimming across the white light spectrum.

Wall wash any indoor application with its integral linear optic of 30° x 100° for a perfect asymmetric beam pattern with no color over angle, no striations and no dark spots up to 20ft (6m). Achieve long single runs of up to 240 feet, decreasing the number of wiring circuits required in an installation. Another step forward in this category of small sized fixtures is the universal power input. We designed a small MODA Micro Driver specific for MINI GRAZE enabling it to accept 100-277V AC 50/60Hz, decreasing the number of SKUs needed to be held by any of our worldwide distributors and giving the installer a choice of power inputs from one fixture.

The fixture incorporates an integral, patented, self-locking bracket which can slide along the body of the fixture and be rotated 170 degrees. The built-in male & female connectors have thumb latch connectors resulting in fast, simple installation. Constructed from lightweight, durable aluminum with excellent thermal characteristics as well as integrating quality American made electronic components. The specialized polymer optical lens combined with a cleverly designed Light Chamber delivers a light bending 30° x 100° beam pattern, perfect for cove installations with no color over angle, no striations or dark spots.

With the ability to mix our own phosphors MODA MINI GRAZE INTERIOR maintains a High Color Rendering Index of 96-98 regardless of the color temperature selected. R1-R15 tested to TM30-15 with values in excess of 90, creating beautiful illumination.

MODA MINI GRAZE INTERIOR Dynamic White enables the user to control color temperature within the same small fixture. Research has shown that adjusting color temperature will affect mood. The sun naturally cycles through various color temperatures every day. Cooler color temperatures stimulate a focused, alert state and increase productivity. Warmer color temperatures contributes to a calmer, relaxing environment and data shows it enhances melatonin production at night. MODA Dynamic White is able to mimic daylighting and the natural circadian rhythms that accompany it. Specifiers are encouraging the use of these platforms to enhance education, healthcare, retail, hospitality and even correctional facilities. Yellows and gold finishes are enhanced with warmer color temperatures. Silvers appear brighter with cooler color temperatures. While enhancing the ambience of space using Dynamic White is an important aspect of the technology, the ability to address and control each 1ft fixture individually also allows the user to create various scenes within the white light installation; for example color temperature cross fades, chasing scenes and sparkles.

Choose from Dynamic White (2200K-6500K), Dynamic Warm (1800K-3000K) or Dynamic Cool (3500K-6500K). 1800K is candlelight - perfect for hospitality. 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. The MODA LIGHT 3000K is often described as one of the best looking 3000K in the industry. 3500K is the color which has now become our standard go-to temperature. 4000K is perfect for offices and retail. Single binning means every fixture will have the same CCT - something that MODA has been achieving since 2006. Choose from 1ft or 4ft sections. Accessories include a MODA DMX Wiring Hub for fast hassle-free wiring and an easy to install mounting track. Choose from 1ft or 4ft Dynamic White fixtures.

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) 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.

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.

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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 | 30°X 100° | |
| 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 | 2200K - 6500K |
| 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**[™]

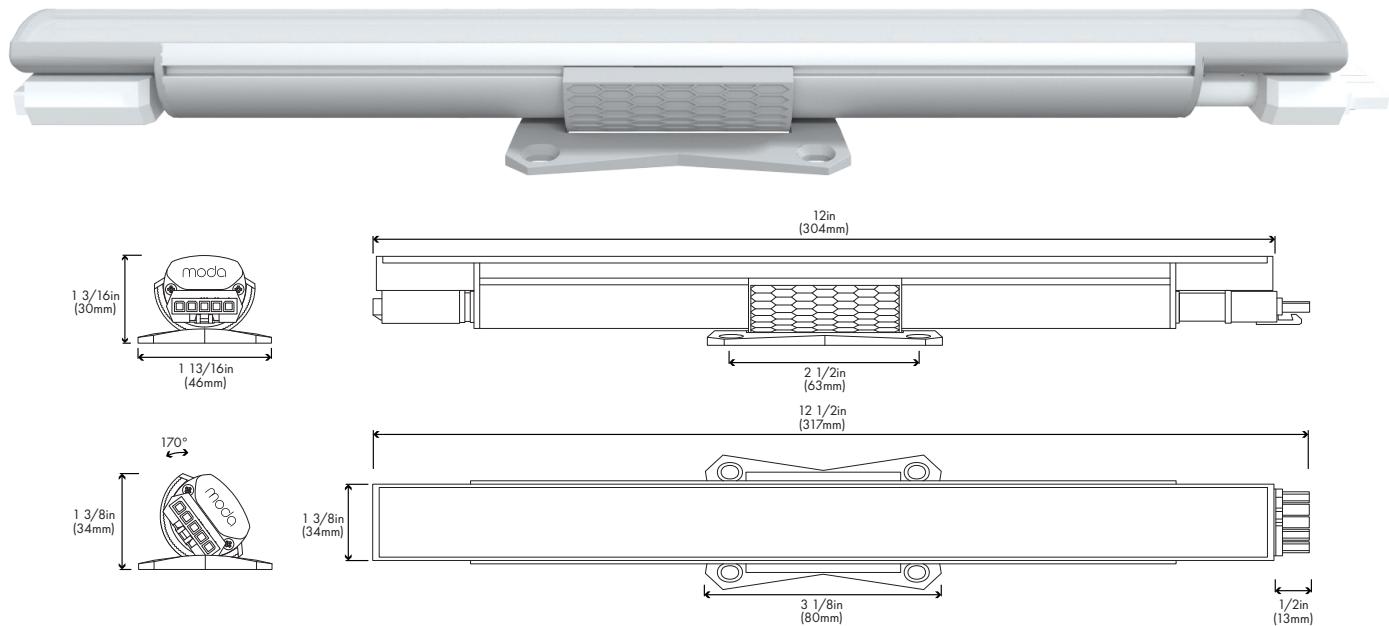


Certification Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, CCC, C-Tick, RoHS, & WEEE Compliant. Title 24, JA8-2019*

Class 1

Warranty 5 Year Limited Warranty

*CCT's 2200K - 4000K



DMX

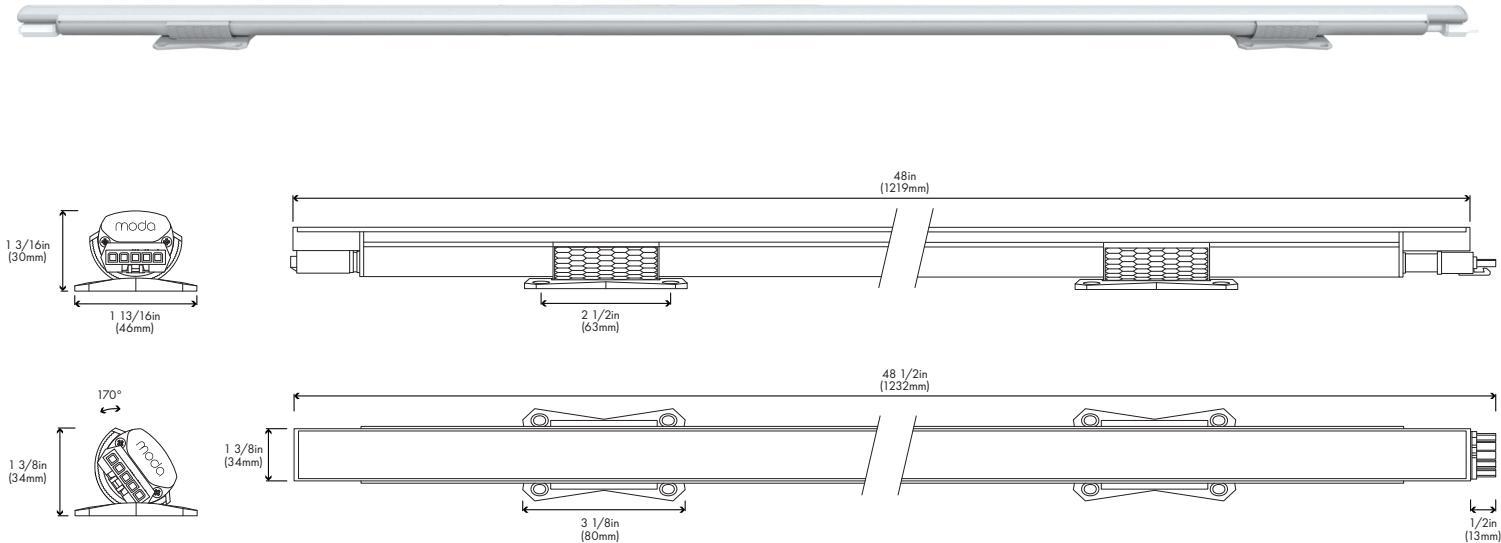
| Output | Lumens | CRI | Efficacy (120V) | Efficacy (240V) | Efficacy (277V) |
|---------------|--------|-------|--------------------|--------------------|--------------------|
| 2200K - 6500K | 339.46 | 97-98 | 58.52 | 54.75 | 54.75 |

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 |



DMX

| Output | Lumens | CRI | Efficacy (120V) | Efficacy (240V) | Efficacy (277V) |
|---------------|---------|-------|--------------------|--------------------|--------------------|
| 2200K - 6500K | 1357.82 | 97-98 | 77.51 | 77.51 | 76.80 |

Power Consumption

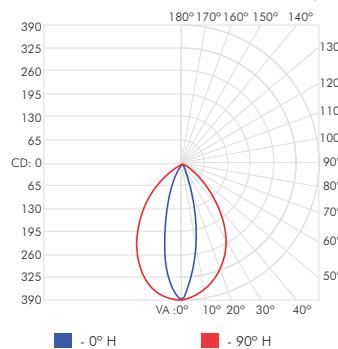
| | |
|------|-------|
| 120V | 21.6W |
| 240V | 21.6W |
| 277V | 21.8W |

Max Continuous Run

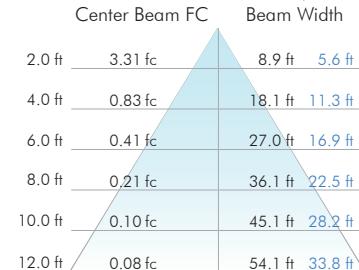
| | |
|---------|--------|
| 120V AC | 120 ft |
| 240V AC | 240 ft |
| 277V AC | 240 ft |

1 FOOT

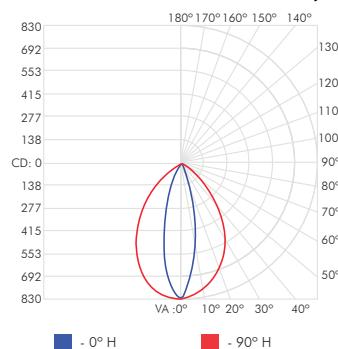
Polar Candela Distribution (2200K)



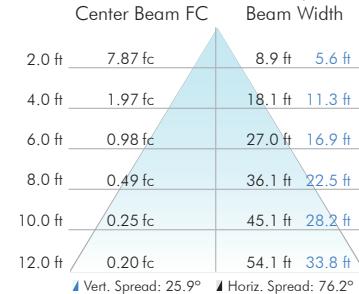
Illuminance at a Distance (2200K)



Polar Candela Distribution (6500K)

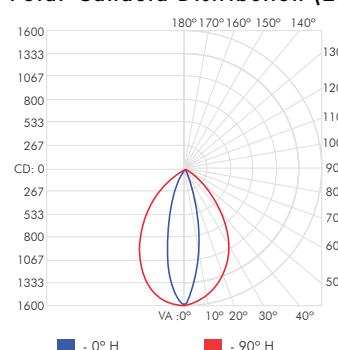


Illuminance at a Distance (6500K)



4 FOOT

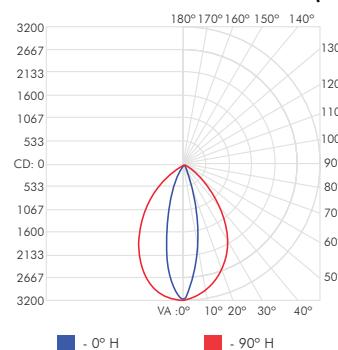
Polar Candela Distribution (2200K)



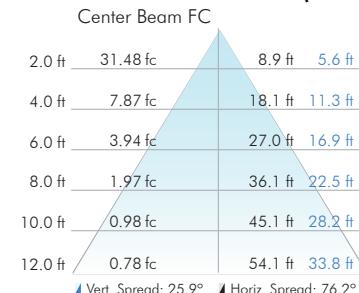
Illuminance at a Distance (2200K)



Polar Candela Distribution (6500K)

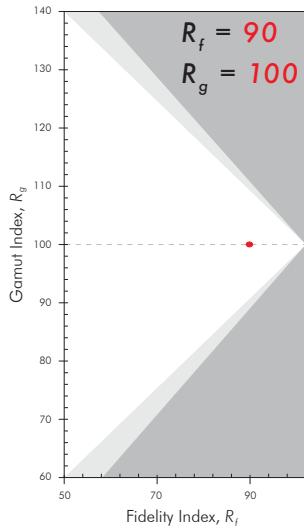


Illuminance at a Distance (6500K)

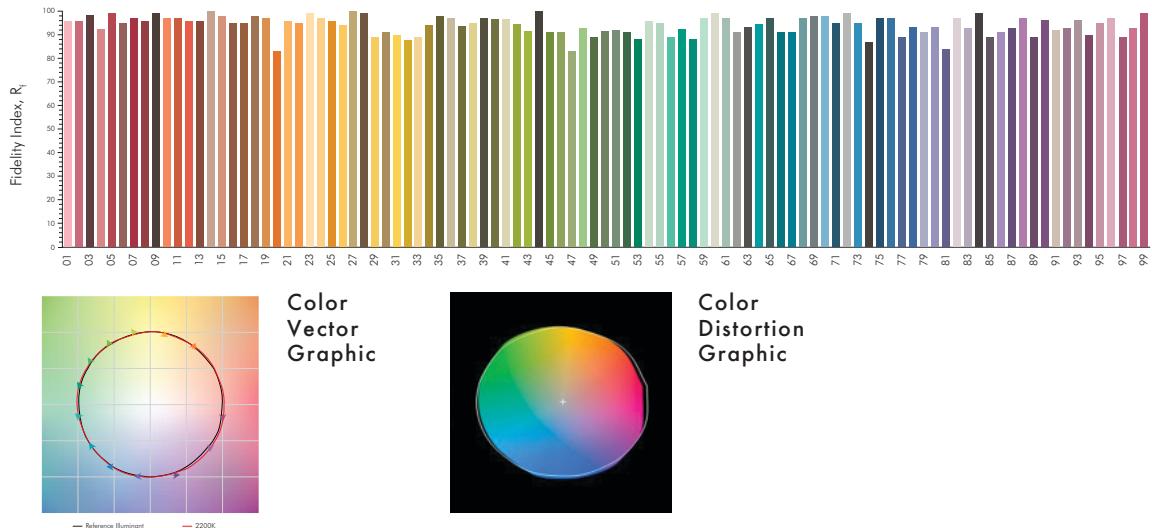


Due to continuous improvements and innovations, specifications may change without notice.
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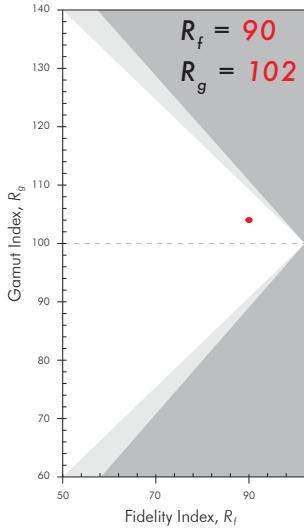
2200K TM30



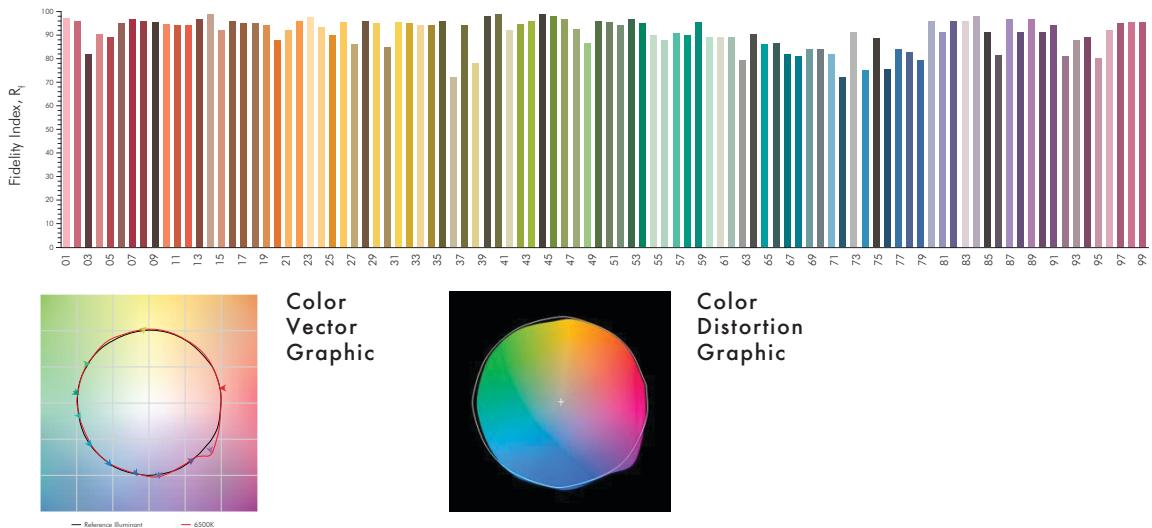
Color Evaluation Sample



6500K TM30



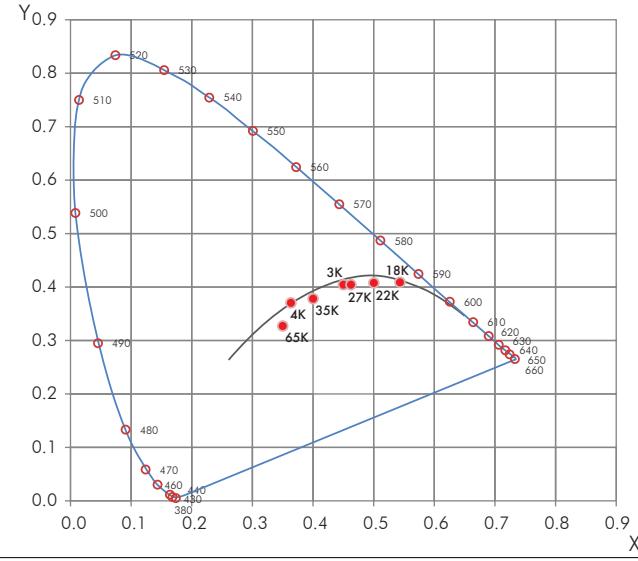
Color Evaluation Sample



R VALUES

| | 2200K | 6500K |
|-----|-------|-------|
| R1 | 97 | 98 |
| R2 | 98 | 98 |
| R3 | 97 | 98 |
| R4 | 94 | 94 |
| R5 | 96 | 95 |
| R6 | 94 | 96 |
| R7 | 97 | 95 |
| R8 | 97 | 95 |
| R9 | 93 | 96 |
| R10 | 98 | 99 |
| R11 | 90 | 95 |
| R12 | 92 | 70 |
| R13 | 97 | 99 |
| R14 | 96 | 99 |
| R15 | 99 | 96 |

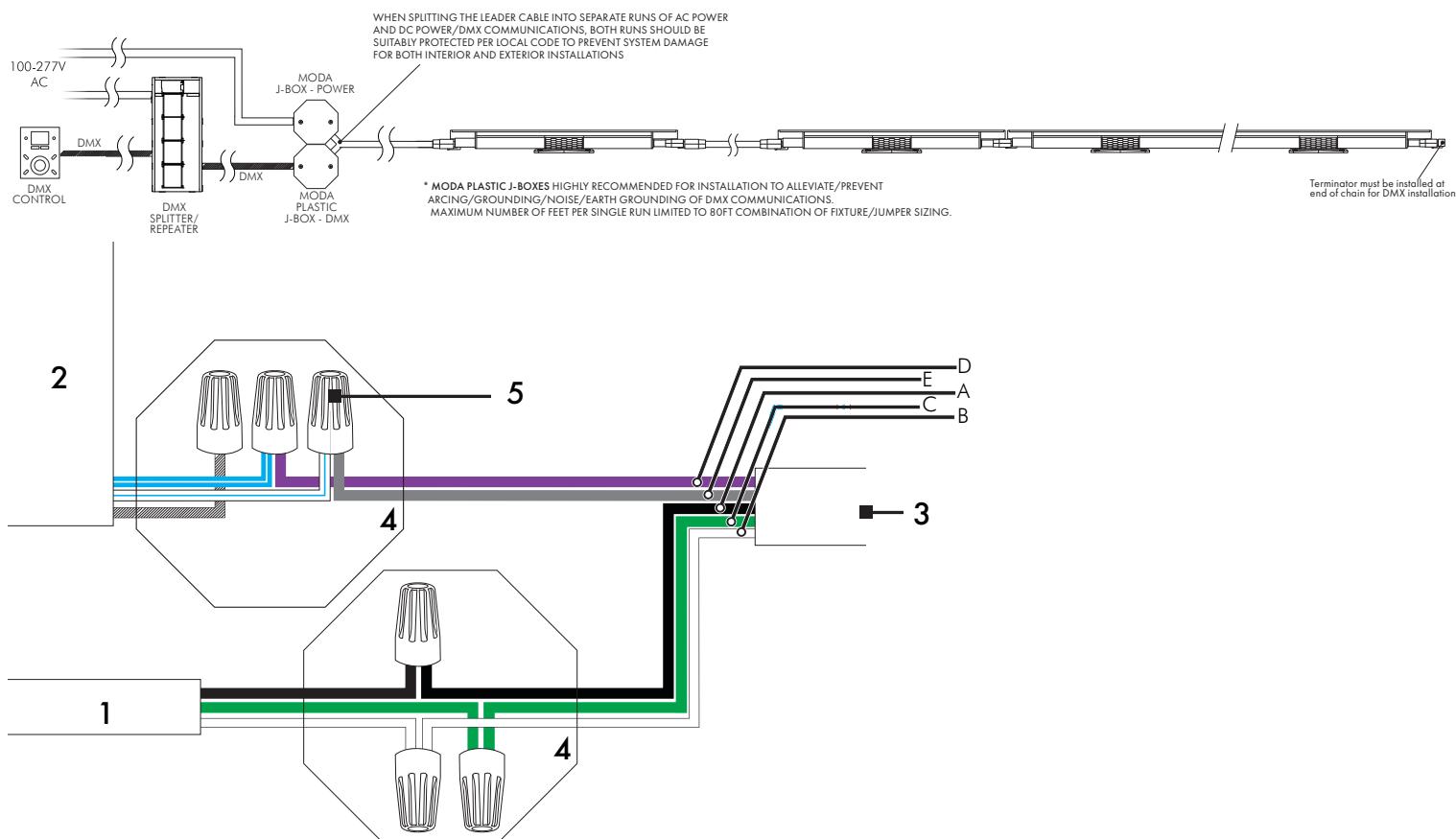
CIE 1931 CHROMATICITY DIAGRAM



CCT Coordinates

2200K x: 0.5043
 y: 0.4090
 u: 0.2924
 v: 0.5353

6500K x: 0.3296
 y: 0.3249
 u: 0.1832
 v: 0.4328



Wiring Legend

| | |
|---|-----------------------|
| 1 | Power 100-277V AC |
| 2 | DMX Splitter/Repeater |
| 3 | 5 Pin Leader Cable |
| 4 | Junction Box |
| 5 | Wiring Nuts |

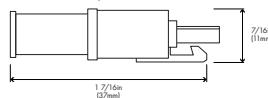
5 Pin Leader Cable

| | 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

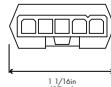
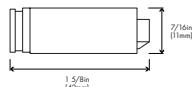
Male Output

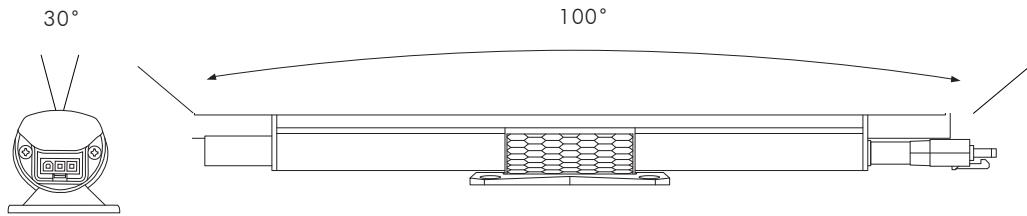


Angle Adjustment



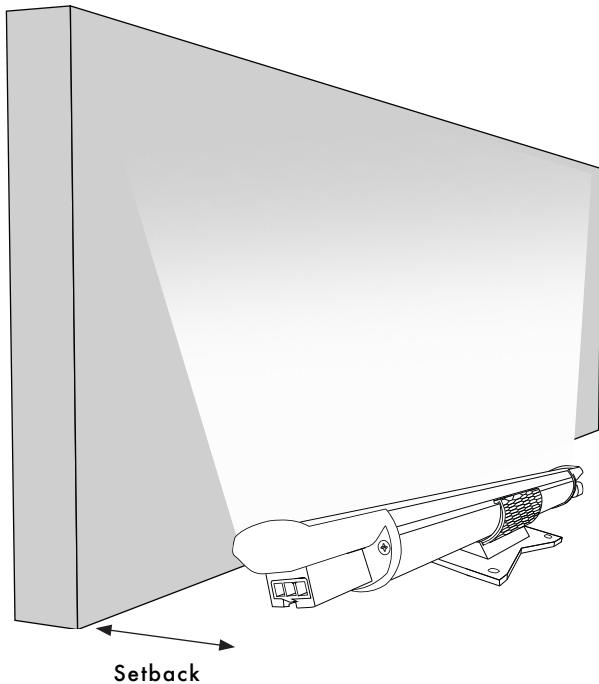
Female Output





Wallwash Optic.

Wall wash any indoor application with its integral linear optic of 30° x 100° for a precise beam pattern with no color over angle, no striations and no dark spots up to 20ft (6m).



Setback Chart

10ft Wall 1ft

Recommended Setback from wall is 1/10 of wall height.



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

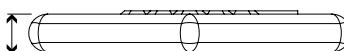
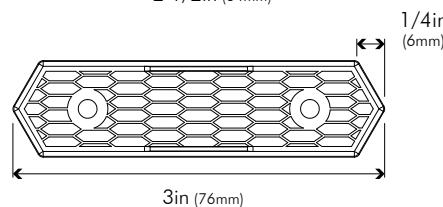
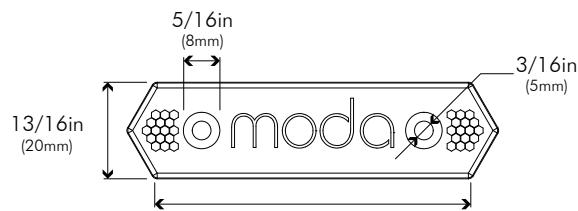
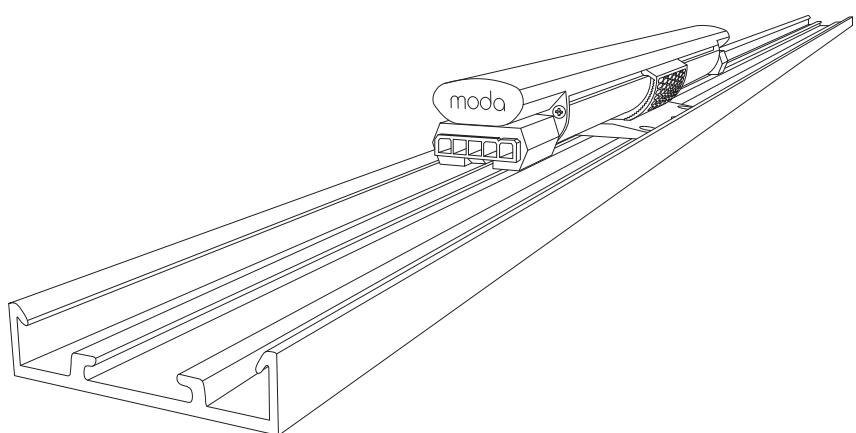
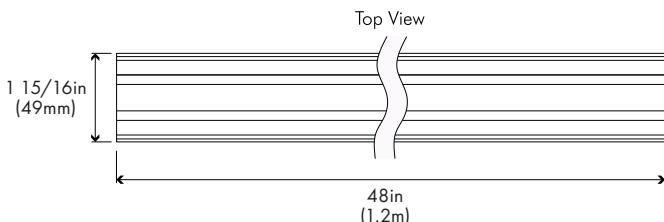
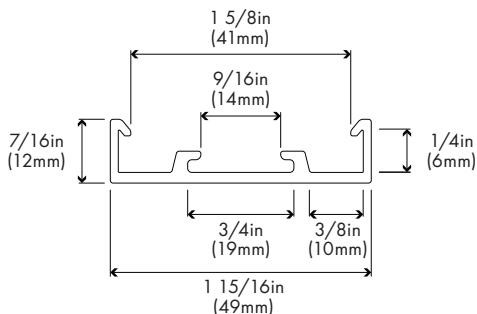
| | | |
|---------|----|----|
| Drywall | #6 | #8 |
|---------|----|----|

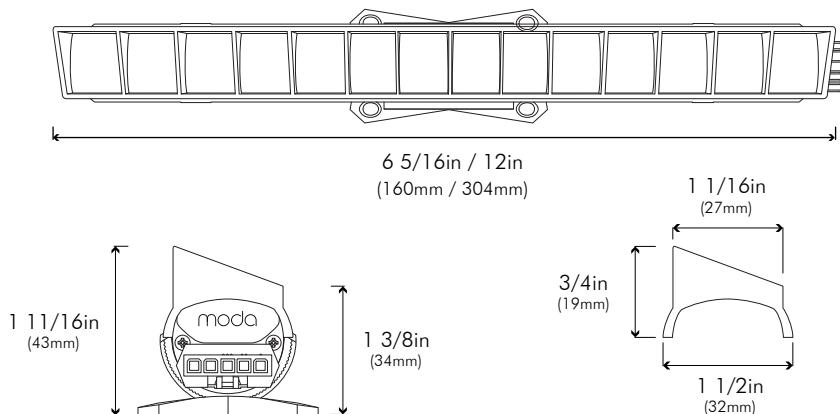
| | | |
|--------------|----|----|
| Self tapping | #6 | #8 |
|--------------|----|----|

| | |
|-----------------|--------|
| 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

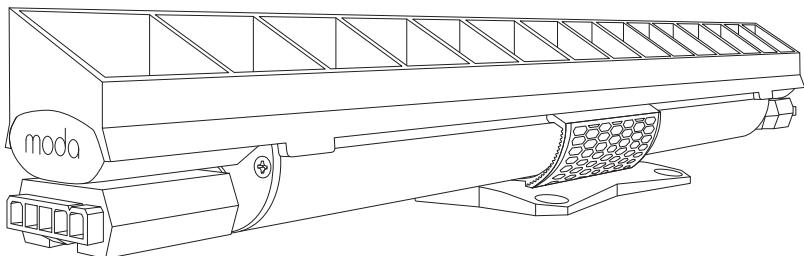
Finish B - BLACK

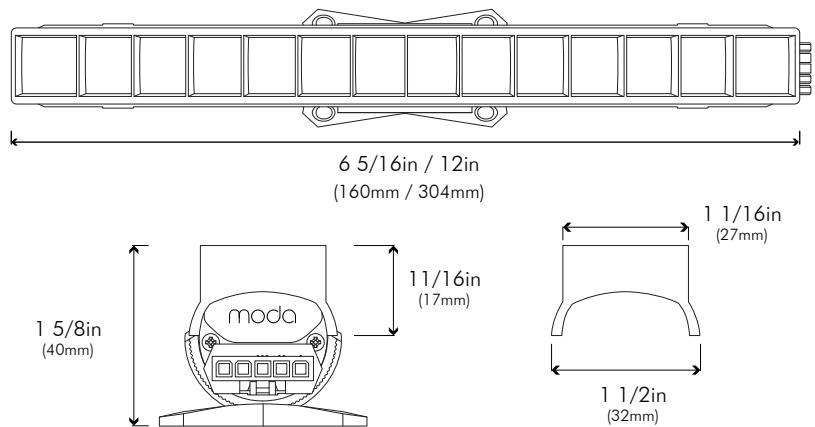
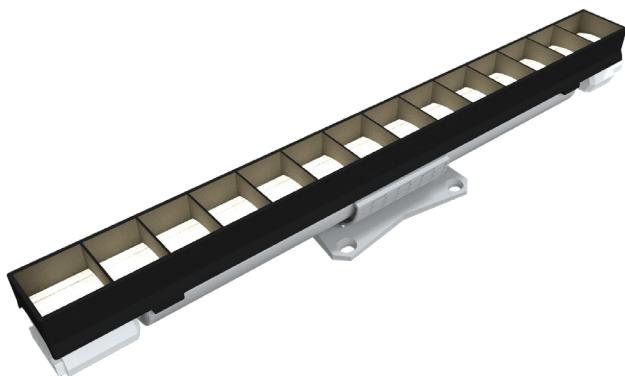
Length 1FT

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

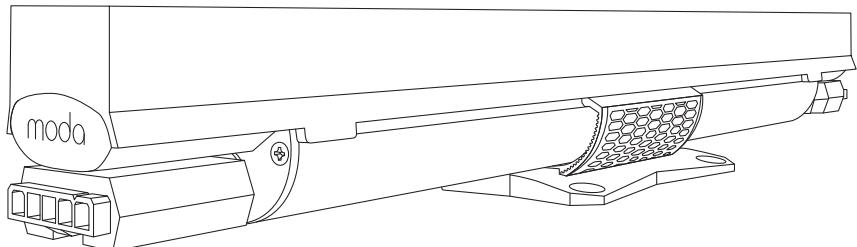
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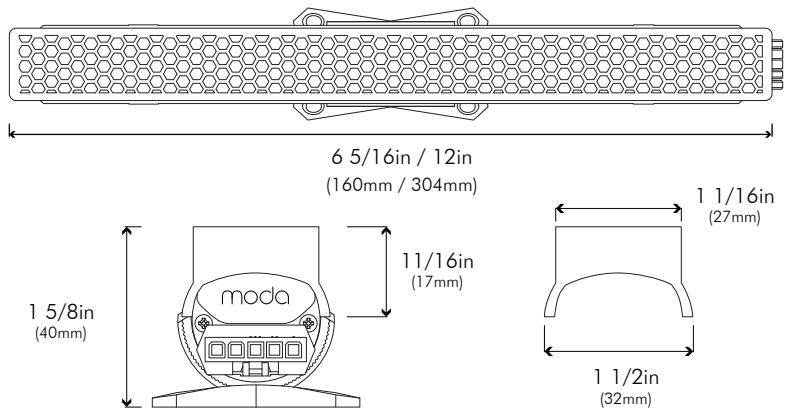
Length 1FT

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

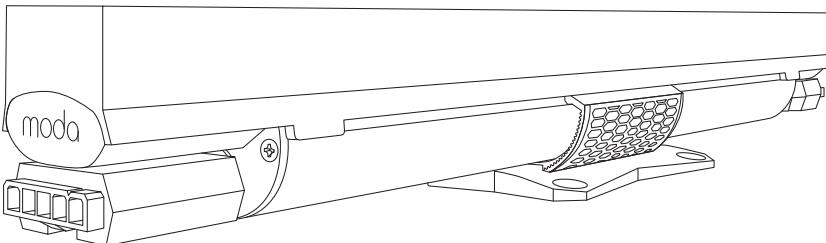
Options

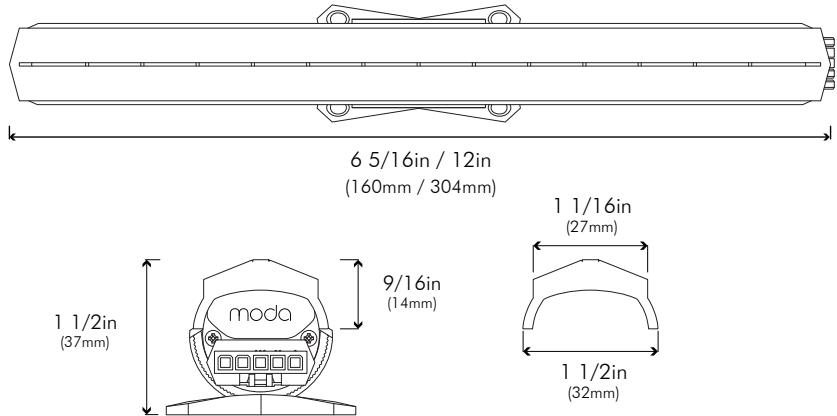
| | |
|--------|-----------|
| Finish | B - BLACK |
| Length | 1FT |

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

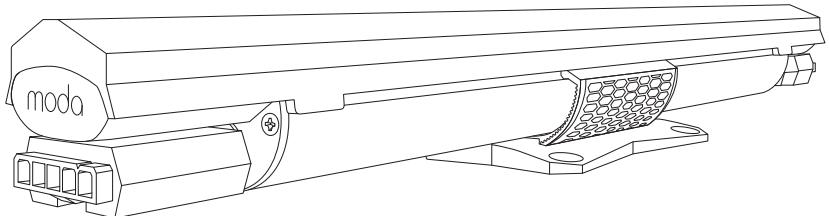
- Convenient 1ft sections
- Snap on assembly
- Toolless installation
- UV protected

Options

| | |
|--------|-----------|
| Finish | B - BLACK |
| Length | 1FT |

Physical

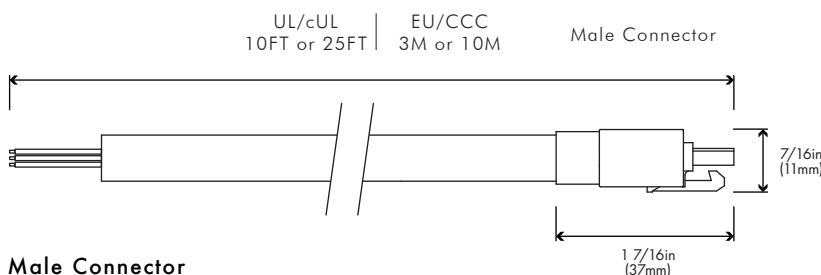
| | |
|--------------|---------------------|
| Applications | Cove, Accent, Graze |
| Construction | ABS |



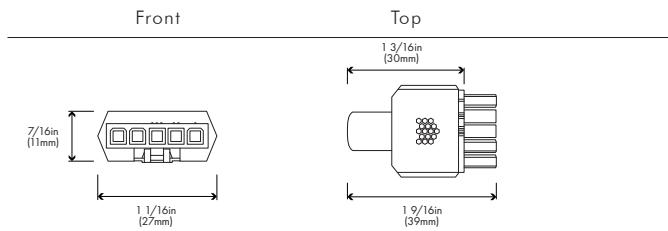
DMX LEADER CABLES

Moda Mini Graze Interior 5 Pin Leader Cables

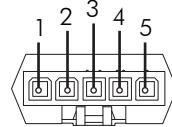
| | UL/cUL | EU/CCC |
|---------|---------------|------------|
| Lengths | 10ft and 25ft | 3m and 10m |
| Color | White | White |



Male Connector



Pin Assignment

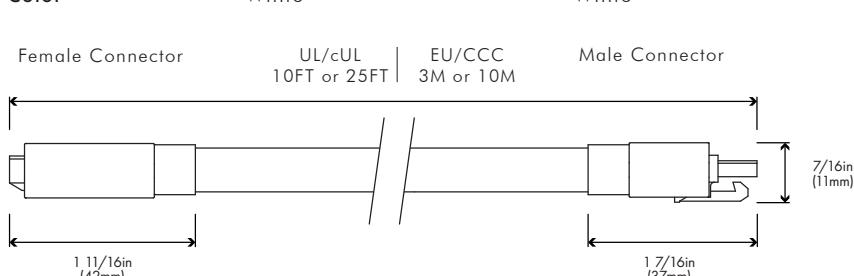


| | UL/cUL | EU/CCC |
|-----------------|--------|---------------|
| 1 Live 100-277V | Black | Brown |
| 2 Neutral | White | Blue |
| 3 Ground | Green | Green/ Yellow |
| 4 DMX Positive | Purple | Black |
| 5 DMX Negative | Gray | Gray |

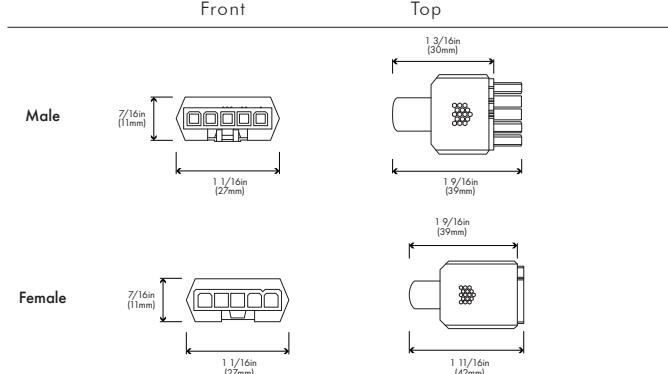
DMX JUMPER CABLES

Moda Mini Graze Interior 5 Pin Jumper Cables

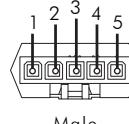
| | UL/cUL | EU/CCC |
|---------|-------------|--------------|
| Lengths | 1ft and 4ft | 300mm and 1m |
| Color | White | White |



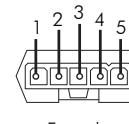
Connectors



Pin Assignment



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



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

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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.

| Fixture | | Part Number | Ordering SKU |
|---------|---|----------------|--------------|
| 1FT | Moda Mini Graze Interior Standard Output Silver DMX512 Dynamic White HCRI 1FT | MMGI-S-S-DWH-1 | 146-1003 |
| 4FT | Moda Mini Graze Interior Standard Output Silver DMX512 Dynamic White HCRI 4FT | MMGI-S-S-DWH-4 | 146-3003 |

| Accessories | 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 |

| Controls | 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 |

* - MODA Touch default scene addressing can be found on MODA Touch Product Documentation and DMX Fixture Installation Guides.

| Control Accessories | Description | Part Number | Ordering SKU |
|-------------------------------|--|-----------------------------------|--------------|
| Pathway DMX Splitter/Repeater | Wall-mount, 4 ports, E1.20 RDM Compliant, Small - 10in X 13in X 4 1/2in | PWREP WM P4 TERM RDM SML DMX-RDM | 250-0153 |
| Pathway DMX Splitter/Repeater | Wall-mount, 8 ports, E1.20 RDM Compliant, Medium - 10in X 23in X 4 1/2in | PWREP WM P8 TERM RDM MED DMX-RDM | 250-0154 |
| Pathway DMX Splitter/Repeater | Wall-mount, 12 ports, E1.20 RDM Compliant, Medium - 10in X 23in X 4 1/2in | PWREP WM P12 TERM RDM MED DMX-RDM | 250-0155 |
| 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 |