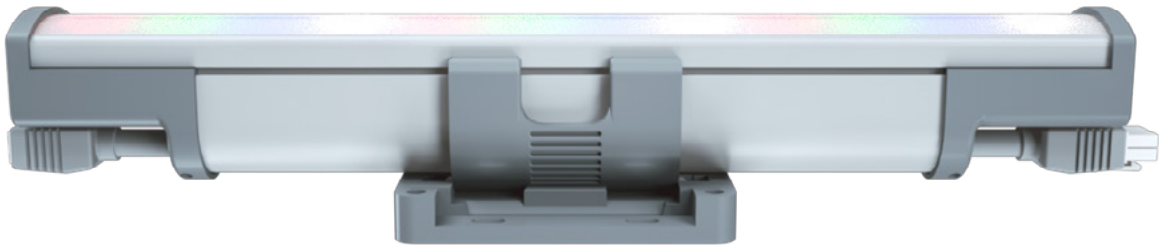


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO#: _____ Quantity: _____

Notes: _____



Specification Grade Premium Interior Graze Fixture.

MODA GRAZE Interior is a new patent pending cove lighting system designed for interior applications. Utilizing MODA's latest DMX software, our onboard Microprocessor is uniquely programmed in-house with a firmware to receive DMX 512 signals for full independent control of every 1ft section. Mix colors to create amazing displays and color scenes using MODA controls. Switch to a high CRI, high R1-R15 white light for quality general illumination. 100-277V, 50/60Hz power input allows these fixtures to be installed anywhere in the world. New patent pending locking bracket rotates 180 degrees for a multitude of light directions. Rugged aluminum design. Fast installation is achieved with MODA KWIK CONNECT plugs and install-integral thumb latch connectors. Available in 1ft & 4ft sections. Series is designed for driver or light engine to be factory replaced at its end of life or recycled.

Designed and developed in Las Vegas, USA by MODA.

PAGE

| | |
|----|-----------------------------|
| 3 | FEATURES |
| 4 | 1 FOOT |
| 5 | 4 FOOT |
| 6 | OPTIC FLEXIBILITY |
| 7 | OPTIC FLEXIBILITY CONTINUED |
| 8 | DMX WIRING |
| 9 | ACCESSORIES: CABLES |
| 10 | FIXTURES & ACCESSORIES |

PHYSICAL

| | |
|------------------------------|---|
| Dimensions | L: 1ft 15/32in (316.85mm) W: 2 3/8in(60.40mm) L: 3ft 11 3/8in (1.20m) H: 2 3/8in(60mm) |
| Applications | Graze, Accent & Indirect General Illumination |
| Construction | Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens |
| Ingress Protection | Dry/Damp Location IP44 |
| Thermal Management | MODA Aluminum Heat Sink |
| Beam Angle | 120° |
| Fixture Connections | Integral Male & Female Connectors |
| Operating Temperature | -40°F ~ 122°F (-40°C ~ 50°C) |
| Storage Temperature | -40°F ~ 176°F (-40°C ~ 80°C) |
| Humidity | 0-95% Non Condensing |

OUTPUT

| | |
|----------------------------|---|
| CCT & SDCM | RGB - N/A 27K, 3K, 35K, & 4K - 2 Step MacAdam Ellipse |
| Color Bin Tolerance | Zero Bin |
| CRI | 97 (27K, 3K, 35K, & 4K) |
| 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 | ≥ 0.96 |

MODA TECHNOLOGY

moda**SOFTWARE**™

moda**HARDWARE**™

moda**DMX**™

moda**DRIVER**™

moda**PHOSPHOR**™

moda**ZERO BIN**™

moda**OPTIC**™

moda**LINEAR OPTIC**™

moda**THERMAL MANAGEMENT**™

moda**AIRFLOW**™

moda**COMMUNICATE**™

moda**KWIK CONNECT**™



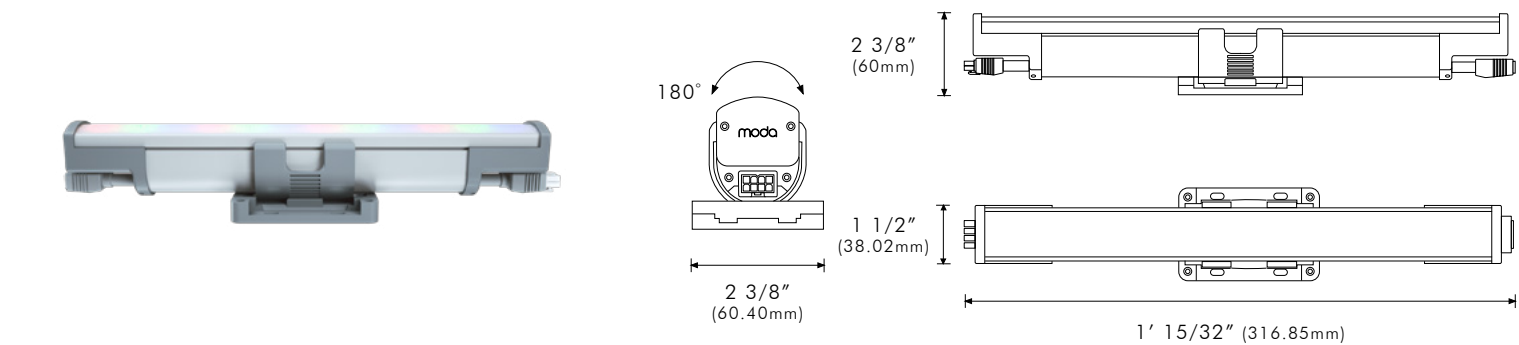
RoHS ✓



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

Class 1

Warranty 3 Year Limited Warranty



DMX

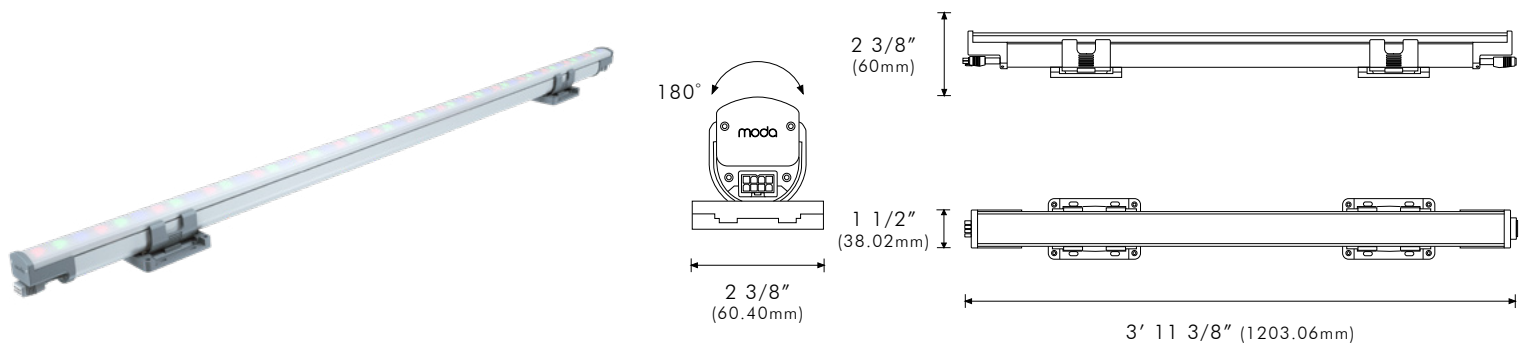
| CCT | 6° | | 10° | | 25° | |
|--------|--------|----------|--------|----------|--------|----------|
| | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy |
| RGB27K | 1017 | 101.70 | 1005 | 100.50 | 991 | 99.10 |
| RGB3K | 1047 | 104.70 | 1035 | 103.50 | 1021 | 102.10 |
| RGB35K | 1059 | 105.90 | 1047 | 104.70 | 1033 | 103.30 |
| RGB4K | 1071 | 107.10 | 1059 | 105.90 | 1045 | 104.50 |

| CCT | 40° | | 10°x40° | | 30°x60° | |
|--------|--------|----------|---------|----------|---------|----------|
| | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy |
| RGB27K | 981 | 98.10 | 972 | 97.20 | 969 | 96.90 |
| RGB3K | 1011 | 101.10 | 1002 | 100.20 | 999 | 99.90 |
| RGB35K | 1023 | 102.30 | 1014 | 101.40 | 1011 | 101.10 |
| RGB4K | 1035 | 103.50 | 1026 | 102.60 | 1023 | 102.30 |

| CCT | 30°x60°x5° | |
|--------|------------|----------|
| | Lumens | Efficacy |
| RGB27K | 967 | 96.70 |
| RGB3K | 997 | 99.70 |
| RGB35K | 1009 | 100.90 |
| RGB4K | 1021 | 102.10 |

Power Consumption
120-277V AC 10W

Max Run Lengths
120-277V AC 80ft



DMX

| CCT | 6° | | 10° | | 25° | |
|--------|--------|----------|--------|----------|--------|----------|
| | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy |
| RGB27K | 3618 | 90.45 | 3756 | 93.90 | 3880 | 97.00 |
| RGB3K | 3738 | 93.45 | 3726 | 93.15 | 3712 | 92.80 |
| RGB35K | 3786 | 94.65 | 3774 | 94.35 | 3760 | 94.00 |
| RGB4K | 3834 | 95.85 | 3822 | 95.55 | 3808 | 95.20 |

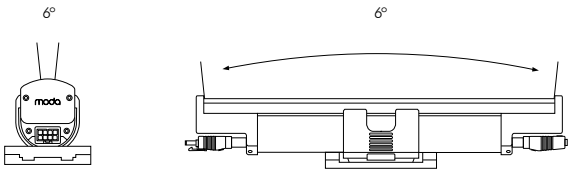
| CCT | 40° | | 10°x40° | | 30°x60° | |
|--------|--------|----------|---------|----------|---------|----------|
| | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy |
| RGB27K | 3994 | 99.85 | 3573 | 89.32 | 3570 | 89.25 |
| RGB3K | 3702 | 92.55 | 3693 | 92.32 | 3690 | 92.25 |
| RGB35K | 3750 | 93.75 | 3741 | 93.52 | 3738 | 93.45 |
| RGB4K | 3798 | 94.95 | 3789 | 94.72 | 3786 | 94.65 |

| CCT | 30°x60°x5° | |
|--------|------------|----------|
| | Lumens | Efficacy |
| RGB27K | 3568 | 89.20 |
| RGB3K | 3688 | 92.20 |
| RGB35K | 3736 | 93.40 |
| RGB4K | 3784 | 94.60 |

Power Consumption
120-277V AC 40W

Max Run Lengths
120-277V AC 80ft

6° Beam Angle



Polar Candela Distribution

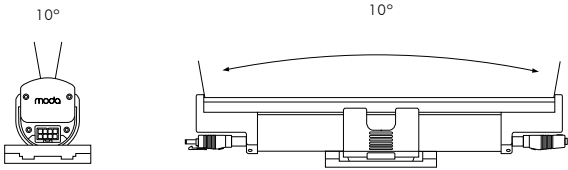


Illuminance at a Distance

| | Center Beam FC | | Beam Width | |
|---------|----------------|-----------|------------|--------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 56.48 fc | 202.21 fc | 0.3 ft | 0.2 ft |
| 4.0 ft | 14.12 fc | 50.55 fc | 0.7 ft | 0.6 ft |
| 6.0 ft | 7.06 fc | 25.27 fc | 1.1 ft | 1.0 ft |
| 8.0 ft | 3.53 fc | 12.63 fc | 1.5 ft | 1.4 ft |
| 10.0 ft | 1.76 fc | 6.31 fc | 2.0 ft | 1.9 ft |
| 12.0 ft | 1.41 fc | 5.05 fc | 2.4 ft | 2.3 ft |

■ Vert. Spread: 6° ■ Horiz. Spread: 6°

10° Beam Angle



Polar Candela Distribution

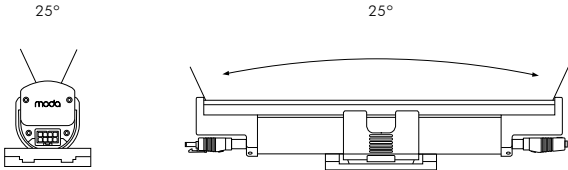


Illuminance at a Distance

| | Center Beam FC | | Beam Width | |
|---------|----------------|-----------|------------|--------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 48.32 fc | 168.43 fc | 0.4 ft | 0.3 ft |
| 4.0 ft | 10.58 fc | 36.86 fc | 0.8 ft | 0.7 ft |
| 6.0 ft | 5.78 fc | 20.80 fc | 1.2 ft | 1.1 ft |
| 8.0 ft | 2.88 fc | 10.20 fc | 1.6 ft | 1.5 ft |
| 10.0 ft | 1.29 fc | 5.80 fc | 2.1 ft | 2.0 ft |
| 12.0 ft | 1.03 fc | 3.68 fc | 2.5 ft | 2.4 ft |

■ Vert. Spread: 10° ■ Horiz. Spread: 10°

25° Beam Angle



Polar Candela Distribution

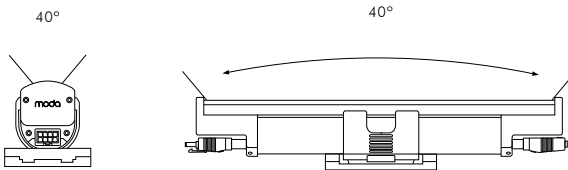


Illuminance at a Distance

| | Center Beam FC | | Beam Width | |
|---------|----------------|-----------|------------|--------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 28.25 fc | 102.97 fc | 0.5 ft | 0.5 ft |
| 4.0 ft | 7.06 fc | 25.74 fc | 1.0 ft | 1.0 ft |
| 6.0 ft | 3.53 fc | 12.87 fc | 1.5 ft | 1.6 ft |
| 8.0 ft | 1.76 fc | 6.43 fc | 2.0 ft | 2.2 ft |
| 10.0 ft | 0.88 fc | 3.21 fc | 2.5 ft | 2.7 ft |
| 12.0 ft | 0.70 fc | 2.57 fc | 3.0 ft | 3.2 ft |

■ Vert. Spread: 25° ■ Horiz. Spread: 25°

40° Beam Angle



Polar Candela Distribution

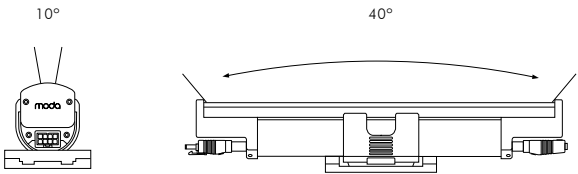


Illuminance at a Distance

| | Center Beam FC | | Beam Width | |
|---------|----------------|----------|------------|--------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 12.89 fc | 47.86 fc | 1.0 ft | 0.8 ft |
| 4.0 ft | 3.88 fc | 10.88 fc | 1.9 ft | 1.5 ft |
| 6.0 ft | 1.44 fc | 5.93 fc | 2.8 ft | 2.4 ft |
| 8.0 ft | 0.80 fc | 2.95 fc | 3.8 ft | 3.2 ft |
| 10.0 ft | 0.36 fc | 1.39 fc | 4.8 ft | 4.0 ft |
| 12.0 ft | 0.28 fc | 1.08 fc | 5.7 ft | 4.7 ft |

■ Vert. Spread: 40° ■ Horiz. Spread: 40°

10°x40° Beam Angle



Polar Candela Distribution

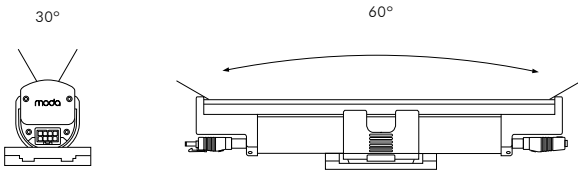


Illuminance at a Distance

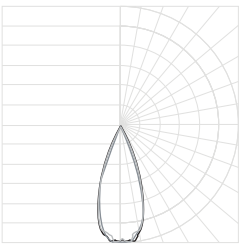
| | Center Beam FC | | Beam Width | |
|---------|----------------|-----------|------------|--------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 28.76 fc | 105.71 fc | 0.7 ft | 0.5 ft |
| 4.0 ft | 7.19 fc | 26.29 fc | 1.5 ft | 1.0 ft |
| 6.0 ft | 3.59 fc | 13.14 fc | 2.2 ft | 1.4 ft |
| 8.0 ft | 1.79 fc | 6.57 fc | 3.0 ft | 1.9 ft |
| 10.0 ft | 0.89 fc | 3.28 fc | 4.6 ft | 2.4 ft |
| 12.0 ft | 0.71 fc | 2.62 fc | 4.4 ft | 3.0 ft |

■ Vert. Spread: 10° ■ Horiz. Spread: 40°

30°x60° Beam Angle



Polar Candela Distribution

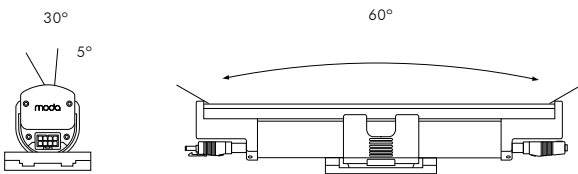


Illuminance at a Distance

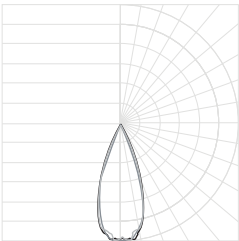
| | Center Beam FC | | Beam Width | |
|---------|----------------|-----------|------------|---------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 73.12 fc | 268.00 fc | 1.3 ft | 2.0 ft |
| 4.0 ft | 18.28 fc | 67.00 fc | 3.1 ft | 4.7 ft |
| 6.0 ft | 9.14 fc | 33.50 fc | 4.0 ft | 6.6 ft |
| 8.0 ft | 4.57 fc | 16.75 fc | 5.8 ft | 9.3 ft |
| 10.0 ft | 2.28 fc | 8.37 fc | 7.0 ft | 11.2 ft |
| 12.0 ft | 1.82 fc | 6.70 fc | 9.0 ft | 14.0 ft |

■ Vert. Spread: 30° ■ Horiz. Spread: 60°

30°x60°x5° Beam Angle



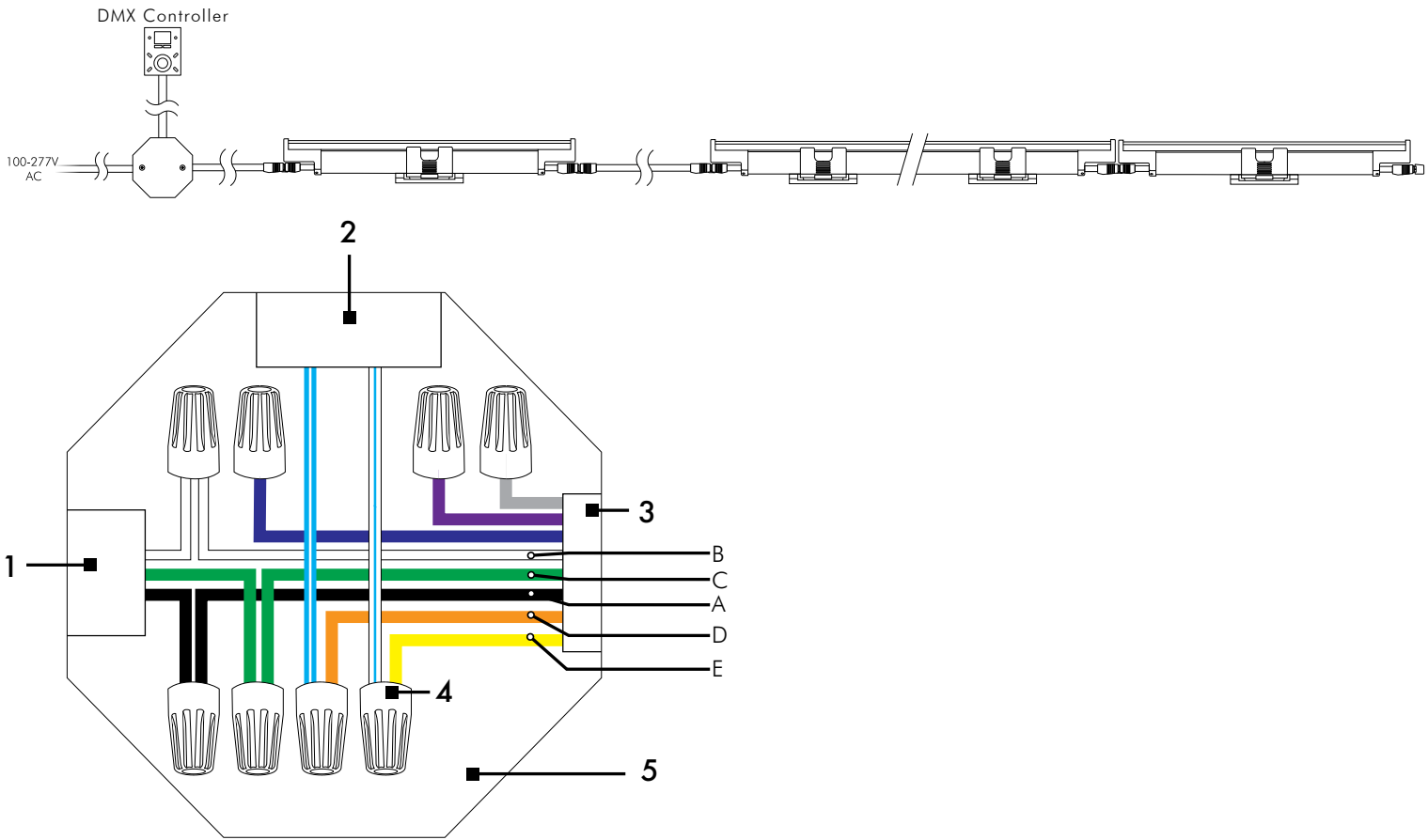
Polar Candela Distribution



Illuminance at a Distance

| | Center Beam FC | | Beam Width | |
|---------|----------------|----------|------------|--------|
| | 1 Foot | 4 Foot | | |
| 2.0 ft | 10.59 fc | 38.90 fc | 1.3 ft | 0.3 ft |
| 4.0 ft | 2.64 fc | 9.72 fc | 2.6 ft | 0.9 ft |
| 6.0 ft | 1.32 fc | 4.86 fc | 3.9 ft | 1.3 ft |
| 8.0 ft | 0.66 fc | 2.43 fc | 5.2 ft | 1.6 ft |
| 10.0 ft | 0.33 fc | 1.21 fc | 6.5 ft | 1.9 ft |
| 12.0 ft | 0.26 fc | 0.97 fc | 7.8 ft | 2.6 ft |

■ Vert. Spread: 30° ■ Horiz. Spread: 60°



Wiring Legend

| | |
|---|--------------------|
| 1 | Power 100-277V AC |
| 2 | DMX Controller |
| 3 | 8 Pin Leader Cable |
| 4 | Junction Box |
| 5 | Wiring Nuts |

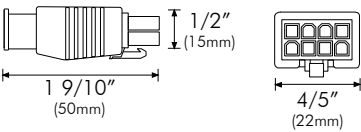
8 Pin Leader Cable

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

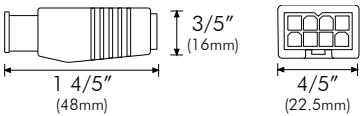
*Not illustrated

DMX Connectors

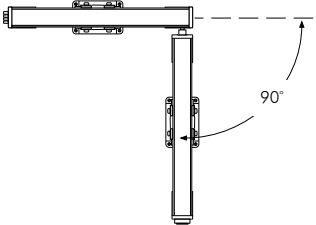
Male Output



Female Output



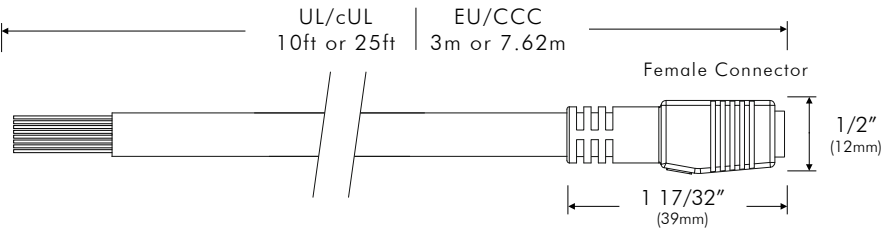
Angle Adjustment



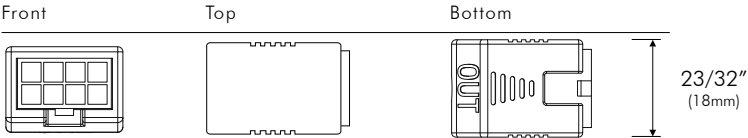
DMX LEADER CABLES

Moda Cove Interior 8 Pin Leader Cables

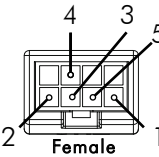
| | UL/cUL | EU/CCC |
|---------|---------------|--------------|
| Lengths | 10ft and 25ft | 3m and 7.62m |
| Color | Gray | Gray |



Female Connector



Pin Assignment

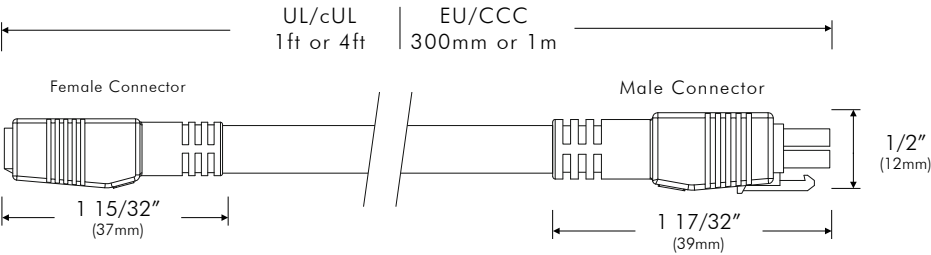


| | | UL/cUL | EU/CCC |
|---|---------------|--------|------------------|
| 1 | Live 100-277V | Black | Brown |
| 2 | Neutral | White | Blue |
| 3 | Ground | Green | Green/ Yellow |
| 3 | DMX Positive | Orange | Orange |
| 4 | DMX Negative | Yellow | Yellow |

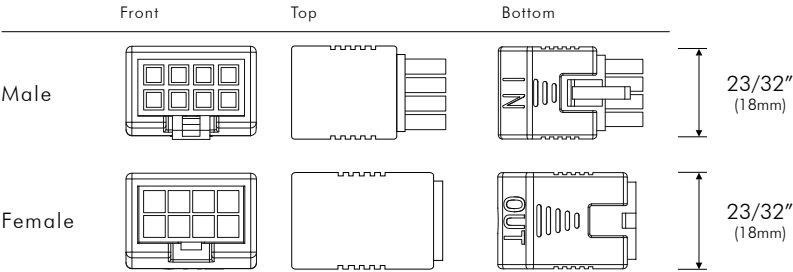
DMX JUMPER CABLES

Moda Cove Interior 8 Pin Jumper Cables

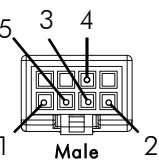
| | UL/cUL | EU/CCC |
|---------|-------------|--------------|
| Lengths | 1ft and 4ft | 300mm and 1m |
| Color | Gray | Gray |



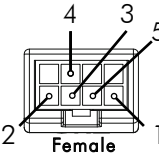
Connectors



Pin Assignment



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



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



COMPLETE SKU SAMPLE: MGI-HO-RGB3-1-365

A - FIXTURE & LOCATION

| | | |
|-----|---|---------------------|
| MGI | — | Moda Graze Interior |
|-----|---|---------------------|

B - LIGHT OUTPUT

| | | |
|----|---|-------------|
| HO | — | High Output |
|----|---|-------------|

C - LED COLOR

| | | |
|-------|---|-------------------------|
| RGB27 | — | Red Green, Blue, 2700K |
| RGB3 | — | Red, Green, Blue, 3000K |
| RGB35 | — | Red, Green, Blue, 3500K |
| RGB4 | — | Red, Green, Blue, 4000K |

D - LENGTH

| | | |
|---|---|------|
| 1 | — | 1 FT |
| 4 | — | 4 FT |

E - OPTIC

| | | |
|-----|---|--------------------------|
| 6 | — | 6° x 6° |
| 10 | — | 10° x 10° |
| 25 | — | 25° x 25° |
| 40 | — | 40° x 40° |
| 140 | — | 10° x 40° |
| 360 | — | 30° x 60° |
| 365 | — | Forward Throw Asymmetric |

| ACCESSORIES | DESCRIPTION | SKU |
|-----------------------------|---|----------------------|
| Leader Cable US 8 Pin 10ft | Power to first fixture of run | MLCI-US-8PIN-G-10FT |
| Leader Cable US 8 Pin 25ft | Power to first fixture of run | MLCI-US-8PIN-G-25FT |
| Jumper Cable US 8 Pin 1ft | Connection between fixtures | MJCI-US-8PIN-G-1FT |
| Jumper Cable US 8 Pin 4ft | Connection between fixtures | MJCI-US-8PIN-G-4FT |
| Leader Cable EU 8 Pin 3m | Power to first fixture of run | MLCI-EU-8PIN-G-3M |
| Leader Cable EU 8 Pin 7.62m | Power to first fixture of run | MLCI-EU-8PIN-G-7.62M |
| Jumper Cable EU 8 Pin 300mm | Connection between fixtures | MJCI-EU-8PIN-G-300MM |
| Jumper Cable EU 8 Pin 1m | Connection between fixtures | MJCI-EU-8PIN-G-1M |
| Terminator 8 Pin | Must be fixed to last fixture for safety | MTI-8PIN-G |
| Interior Bracket Lock | Holds fixture in place for vertical installations | MCGI-BL-G |

| CONTROLS | DESCRIPTION | ORDERING NUMBER | PART NUMBER |
|-------------|--|------------------------|----------------------|
| Kandi Touch | DMX 512 Controller Available in black and white | KND-TCH-B KND-TCH-W | 250-0040 250-0041 |

| CONTROL ACCESSORIES | DESCRIPTION | ORDERING NUMBER | PART NUMBER |
|------------------------------|--|-----------------|-------------|
| Belden Shielded Cable 500ft | RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation | BDL-9841-500FT | 250-0251 |
| Belden Shielded Cable 1000ft | RS-458 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation | BDL-9841-1000FT | 250-0252 |