

1

Must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations. Ensure system is de-energized before installation. Review electrical plans and read all installation instructions prior to installation. Failure to comply with the following installation instructions will void the warranty and may result in serious injury or possible death. With the constant development of our products please check our website (www.modalight.com) for the latest installation guide.

La instalación debe ser realizada por un electricista cualificado, de acuerdo con todos los códigos y normativas eléctricas y de construcción nacionales y locales. Asegúrese de que el sistema esté desconectado de la corriente antes de la instalación. Revise los planos eléctricos y lea todas las instrucciones de instalación antes de la instalación. El incumplimiento de las siguientes instrucciones de instalación anulará la garantía y podría provocar lesiones graves o incluso la muerte. Debido al constante desarrollo de nuestros productos, consulte nuestro sitio web (www.modalight.com) para obtener la guía de instalación más actualizada.

L'installation doit être effectuée par un électricien qualifié, conformément à tous les codes et réglementations électriques et de construction nationaux et locaux. Assurez-vous que le système est hors tension avant l'installation. Consultez les plans électriques et lisez toutes les instructions d'installation avant l'installation. Le non-respect des instructions d'installation suivantes annulera la garantie et peut entraîner des blessures graves, voire mortelles. Nos produits étant en constante évolution, veuillez consulter notre site web (www.modalight.com) pour obtenir le guide d'installation le plus récent.

2

Verify electrical plan and ensure all hardware is present

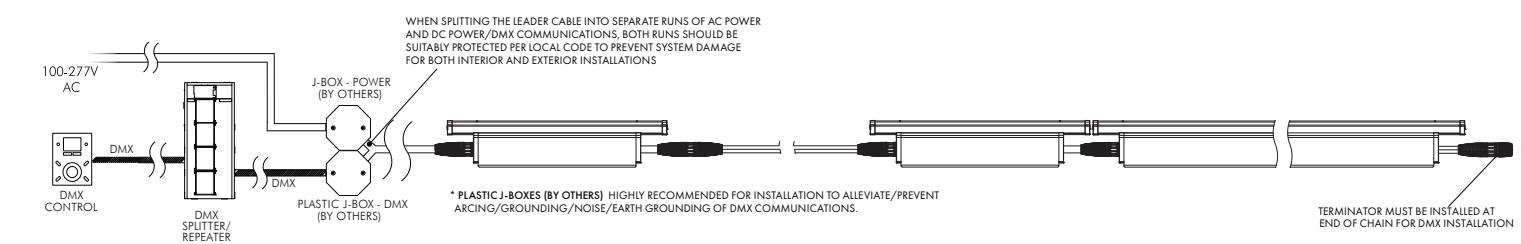
Verificar plan electrico y verifique que todo el equipo esté presente

Vérifier le plan électrique et assurer que tout le matériel est présent

WET LOCATION INSTALL

INSTALACIÓN EN LUGARES SECOS/HÚMEDOS

INSTALLATION EN EMPLACEMENT SEC/HUMIDE



MAX CONTINUOUS RUN

Product	120V AC	Mix of Fixtures (120V AC)	277V AC	Mix of Fixtures (277V AC)
Moda Exterior DMX 1ft High Output	20ft	5	32ft	15
Moda Exterior DMX 4ft High Output	20ft		60ft	

POWER CONSUMPTION

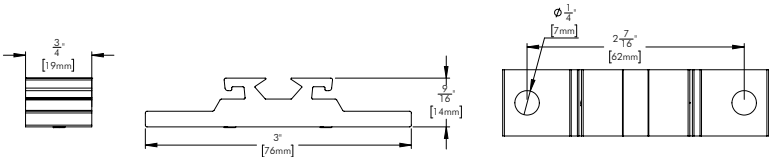
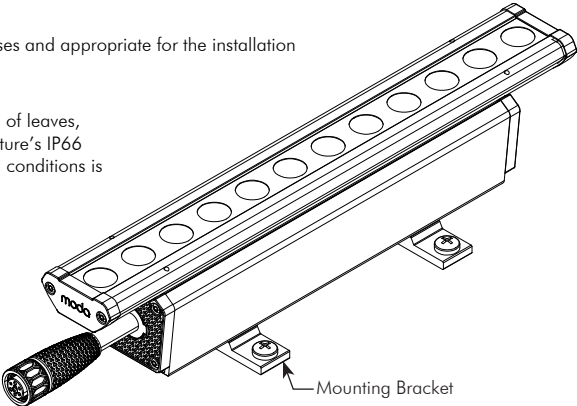
Product	1ft @ 120V	1ft @ 277V	4ft @ 120V	4ft @ 277V
Moda Exterior DMX High Output	19W	20W	74W	76W

3 Slim Fixed Bracket
Ordering SKU: ME-FM-SV
Soporte fijo delgado
Support fixe mince

The installer must ensure the surface is sound, level, and free of cracks or damage. Suitable substrates include steel, aluminum, concrete, or wood. Use properly sized hardware (by others) for the mounting bracket and surface.

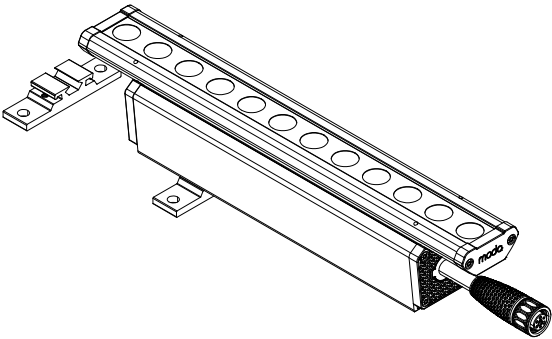
Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.

Warning:
Use suitable mounting methods to ensure the fixture is not subjected to water immersion. Accumulation of leaves, debris, snow, ice, or standing water around the fixture may create submerged conditions beyond the fixture's IP66 rating. Damage resulting from improper installation, prolonged submersion, or exposure to submerged conditions is not covered under warranty.



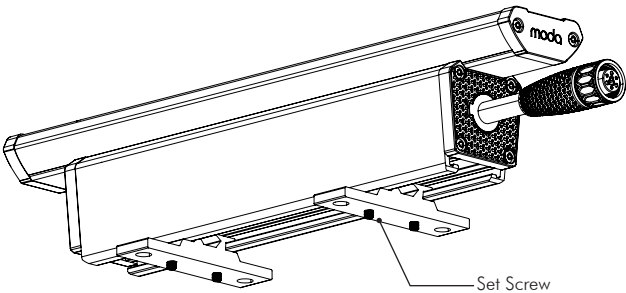
4 Attaching the Fixture to the Slim Fixed Bracket
Fijación del accesorio al soporte fijo delgado
Fixation du dispositif au support fixe mince

Slide the mounting bracket into the fixture from either end.

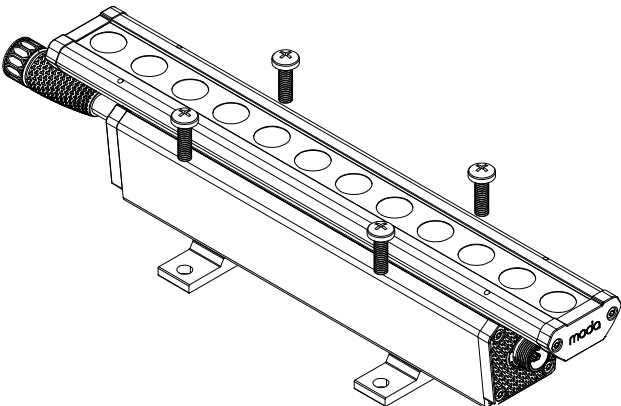


5 Secure Fixture to Slim Fixed Bracket
Fijación segura al soporte fijo delgado
Fixez la fixation au support fixe mince

Once the fixture is properly positioned on the bracket, tighten the set screws to secure the fixture in place.



6 Mounting the Slim Fixed Bracket with Fixings
Montaje del soporte fijo delgado con fijaciones
Montage du support fixe mince avec les fixations



Mounting Hardware			
Structural screws	#10	#12	#14
Self tapping	#10	#12	#14
Concrete Anchor	3/16", 1/4"		
Machine Screws	1/4"-20 bolt, M6 nuts, bolts & washers		
Wedge Anchor	1/4"		
Sleeve Anchor	1/4"		
Drop-In Anchor	1/4"		

(By others)
For vibration/wind exposure use:
Lock washers, nylon lock nuts, or thread locker

7

Side Mount Bracket

Ordering SKU: ME-SMA-SV

Soporte de montaje lateral

Support de montage latéral

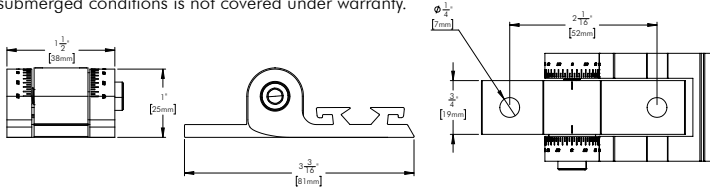
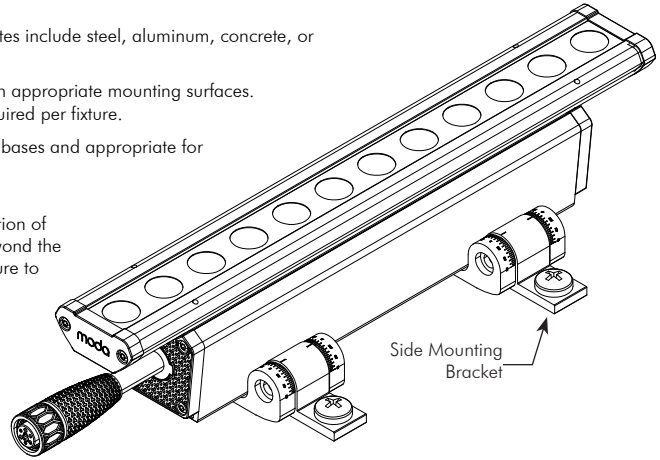
The installer must ensure the surface is sound, level, and free of cracks or damage. Suitable substrates include steel, aluminum, concrete, or wood. Use properly sized hardware (by others) for the mounting bracket and surface.

The MODA Exterior fixture may be supplied with two integrated side swivel mounts for installation on appropriate mounting surfaces. The fixture allows adjustment from vertical to horizontal with a 90° tilt range. One bracket set is required per fixture.

Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.

Warning:

Use suitable mounting methods to ensure the fixture is not subjected to water immersion. Accumulation of leaves, debris, snow, ice, or standing water around the fixture may create submerged conditions beyond the fixture's IP66 rating. Damage resulting from improper installation, prolonged submersion, or exposure to submerged conditions is not covered under warranty.



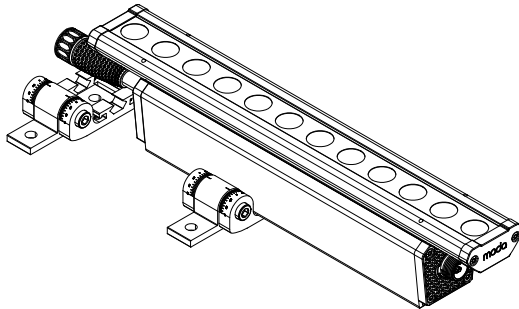
8

Attaching the Fixture to the Side Mount Bracket

Fijación del dispositivo al soporte de montaje lateral

Fixation du luminaire sur le support de montage latéral

Slide the mounting bracket into the fixture from either end.



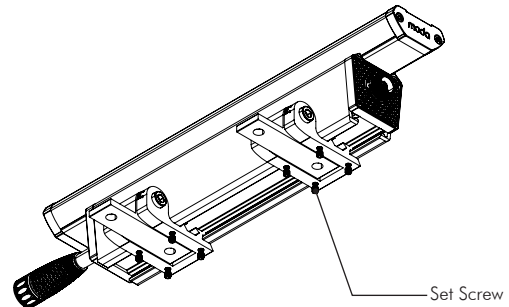
9

Secure Fixture to Side Mount Bracket

Fije el accesorio al soporte de montaje lateral.

Fixez le luminaire au support de montage latéral.

Once the fixture is properly positioned on the bracket, tighten the set screws to secure the fixture in place.

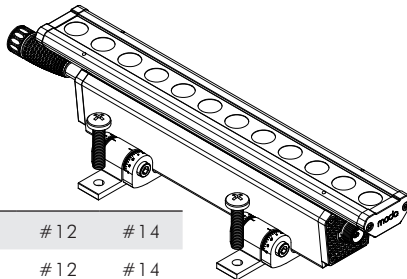


10

Mounting the Side Mount Bracket with Fixings

Montaje del soporte de montaje lateral con fijaciones

Montage du support latéral avec les fixations



Mounting Hardware

Structural screws	#10	#12	#14
Self tapping	#10	#12	#14
Concrete Anchor	3/16", 1/4"		
Machine Screws	1/4"-20 bolt, M6 nuts, bolts & washers		
Wedge Anchor	1/4"		
Sleeve Anchor	1/4"		
Drop-In Anchor	1/4"		

(By others)

For vibration/wind exposure use:
Lock washers, nylon lock nuts, or thread locker

11

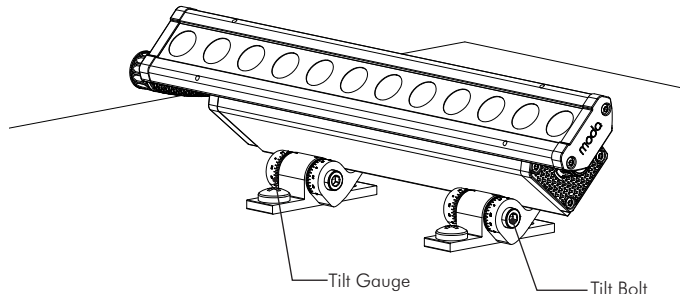
Side Mount Bracket Tilt Adjustment

Ajuste de inclinación del soporte de montaje lateral

Réglage de l'inclinaison du support de montage latéral

To adjust the tilt, loosen the bracket tilt bolts located on the side of the bracket using an M5 (5mm) Allen wrench. Tilt gauges on the side of each mount provide accurate angle reference. Once the desired tilt angle is set, tighten the bolt securely to lock the position.

Tilt Gauge: Each mark indicates a 5° increment.



12

Lower Mount Bracket

Ordering SKU: ME-LMA-SV
Soporte de montaje inferior
Support de montage inférieur

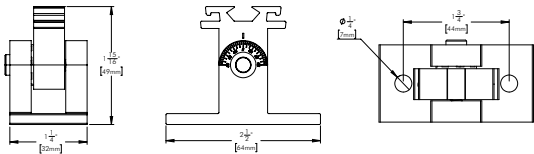
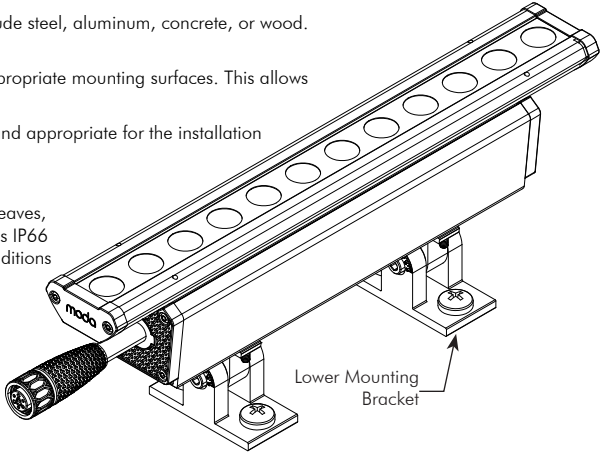
The installer must ensure the surface is sound, level, and free of cracks or damage. Suitable substrates include steel, aluminum, concrete, or wood. Use properly sized hardware (by others) for the mounting bracket and surface.

The MODA Exterior fixture may be supplied with two integrated lower mount brackets for installation on appropriate mounting surfaces. This allows adjustment in excess of 180° tilt range, 90° from vertical. One bracket set is required per fixture.

Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.

Warning:

Use suitable mounting methods to ensure the fixture is not subjected to water immersion. Accumulation of leaves, debris, snow, ice, or standing water around the fixture may create submerged conditions beyond the fixture's IP66 rating. Damage resulting from improper installation, prolonged submersion, or exposure to submerged conditions is not covered under warranty.

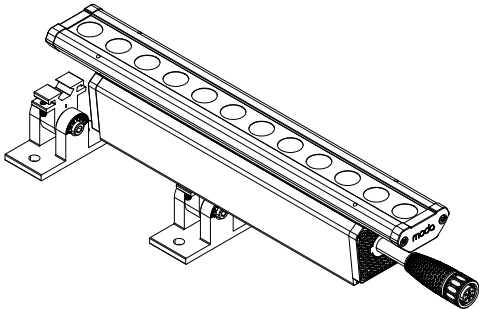


13

Attaching the Fixture to the Lower Mount Bracket

Fijación del accesorio al soporte de montaje inferior
Fixation du dispositif au support de montage inférieur

Slide the mounting bracket into the fixture from either end.

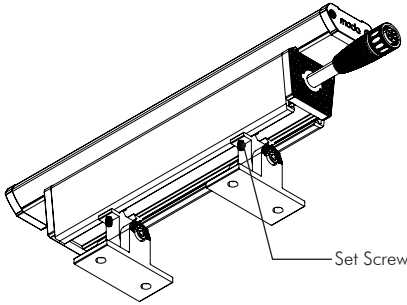


14

Secure Fixture to Lower Mount Bracket

Fije el accesorio al soporte de montaje inferior
Fixez le dispositif de fixation au support de montage inférieur

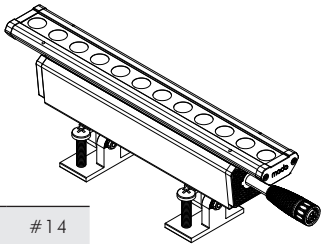
Once the fixture is properly positioned on the bracket, tighten the set screws to secure the fixture in place.



15

Lower Mount Bracket Mounting with Fixings

Montaje del soporte de montaje inferior con fijaciones
Support de montage inférieur avec fixations



Mounting Hardware

Structural screws	#10	#12	#14
Self tapping	#10	#12	#14
Concrete Anchor	3/16", 1/4"		
Machine Screws	1/4"-20 bolt, M6 nuts, bolts & washers		
Wedge Anchor	1/4"		
Sleeve Anchor	1/4"		
Drop-In Anchor	1/4"		
(By others)			

For vibration/wind exposure use:
Lock washers, nylon lock nuts, or thread locker

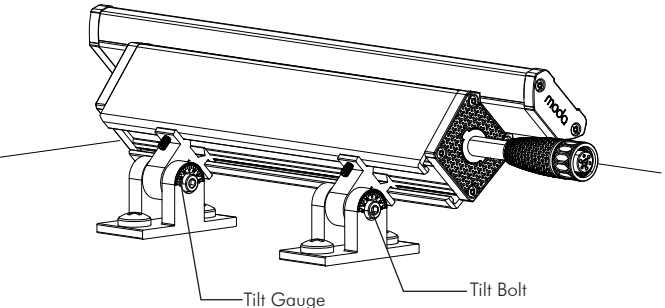
16

Lower Mount Bracket Tilt Adjustment

Ajuste de la inclinación del soporte de montaje inferior
Réglage de l'inclinaison du support de montage inférieur

To adjust the tilt, loosen the bracket tilt bolts located on the side of the bracket using an M5 (5mm) Allen wrench. Tilt gauges on the side of each mount provide accurate angle reference. Once the desired tilt angle is set, tighten the bolt securely to lock the position.

Tilt Gauge: Each mark indicates a 5° increment.



17

Ground Mounting Arm

Ordering SKU: MPGMA-E-XXFT-SV

Brzo de montaje en tierra

Bras de fixation au sol

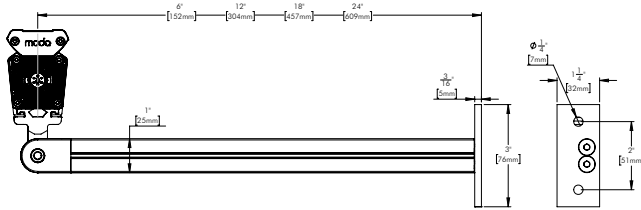
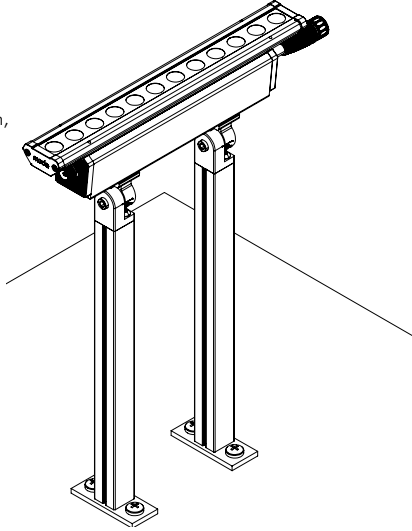
The installer must ensure the surface is sound, level, and free of cracks or damage. Suitable substrates include steel, aluminum, concrete, or wood. Use properly sized hardware (by others) for the mounting bracket and surface.

The fixture can be adjusted up to 240° for precise positioning.

Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.

Warning:

Use suitable mounting methods to ensure the fixture is not subjected to water immersion. Accumulation of leaves, debris, snow, ice, or standing water around the fixture may create submerged conditions beyond the fixture's IP66 rating. Damage resulting from improper installation, prolonged submersion, or exposure to submerged conditions is not covered under warranty.

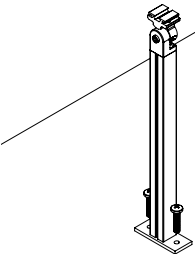


18

Mounting Hardware

Herrajes de montaje

Matériel de montage



For vibration/wind exposure use:
Lock washers, nylon lock nuts, or thread locker

Mounting Hardware

Structural screws	#10	#12	#14
Self tapping	#10	#12	#14
Concrete Anchor	3/16", 1/4"		
Machine Screws	1/4"-20 bolt, M6 nuts, bolts & washers		
Wedge Anchor	1/4"		
Sleeve Anchor	1/4"		
Drop-In Anchor	1/4"		
(By others)			

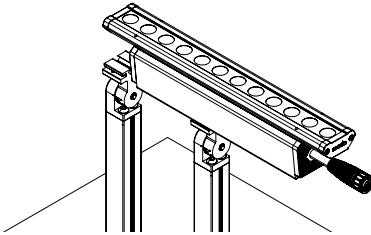
19

Attaching the Fixture to the Ground Mounting Arm

Fijación del accesorio al brazo de montaje en el suelo

Fixation du dispositif au bras de montage au sol

Slide the mounting bracket into the fixture from either end.



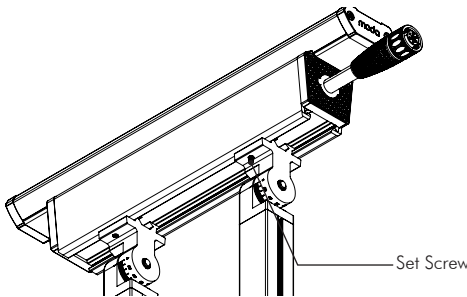
20

Secure Fixture to the Ground Mounting Arm

Fije el accesorio al brazo de montaje en el suelo

Fixer le dispositif au bras de montage au sol

The Moda Exterior Side Mount Ground Arm includes two set screws. Once the fixture is positioned correctly on the bracket, tighten the set screws to secure the fixture in place.



21

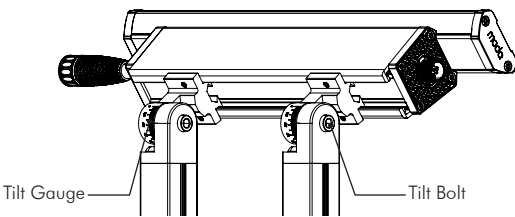
Ground Mounting Arm Tilt Adjustment

Ajuste de la inclinación del brazo de montaje en el suelo

Réglage de l'inclinaison du bras de fixation au sol

To adjust the tilt, loosen the bracket tilt bolts located on the side of the bracket using an M5 (5mm) Allen wrench. Tilt gauges on the side of each mount provide accurate angle reference. Once the desired tilt angle is set, tighten the bolt securely to lock the position.

Tilt Gauge: Each mark indicates a 5° increment.



22

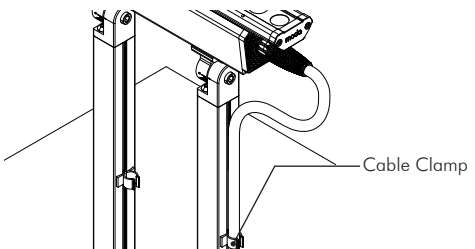
Cable Clamp

Abrazadera para cables

Serre-câble

The Moda Exterior Ground Mounting Arm includes cable clamps that attach to the extruded channel on either side of the arm. The number of cable clamps provided will vary depending on the length of the arm.

	Mounting Arm Length			
	6in	12in	18in	24in
Cable Clamp Quantity	1	2	3	4



23

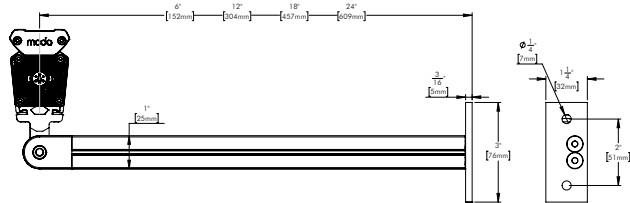
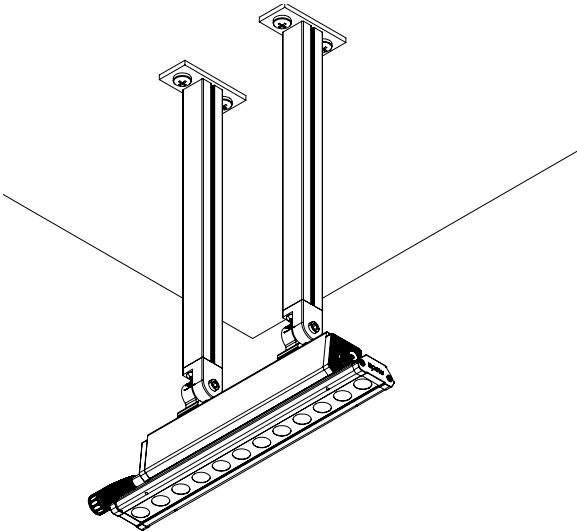
Pendant Mounting Arm

Ordering SKU: MPGMA-E-XXFT-SV
Brazo de montaje colgante
Bras de fixation pour luminaire suspendu

The installer must ensure the surface is sound, level, and free of cracks or damage. Suitable substrates include steel, aluminum, concrete, or wood. Use properly sized hardware (by others) for the mounting bracket and surface.

The fixture can be adjusted up to 240° for precise positioning.

Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.



24

Mounting Hardware

Herrajes de montaje
Matériel de montage



Mounting Hardware			
Structural screws	#10	#12	#14
Self tapping	#10	#12	#14
Concrete Anchor	3/16", 1/4"		
Machine Screws	1/4"-20 bolt, M6 nuts, bolts & washers		
Wedge Anchor	1/4"		
Sleeve Anchor	1/4"		
Drop-In Anchor	1/4"		

For vibration/wind exposure use:
Lock washers, nylon lock nuts, or thread locker

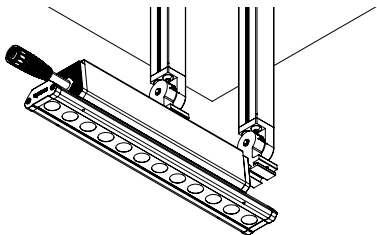
(By others)

25

Attaching the Fixture to the Pendant Mounting Arm

Fijación de la luminaria al brazo de montaje colgante
Fixation du luminaire au bras de montage suspendu

Slide the mounting bracket into the fixture from either end.

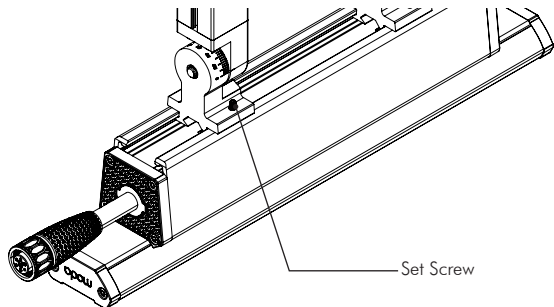


26

Secure Fixture to the Pendant Mounting Arm

Fije la luminaria al brazo de montaje colgante
Fixer le luminaire au bras de montage suspendu

The Moda Exterior Side Mount Pendant Arm includes two set screws. Once the fixture is positioned correctly on the bracket, tighten the set screws to secure the fixture in place.



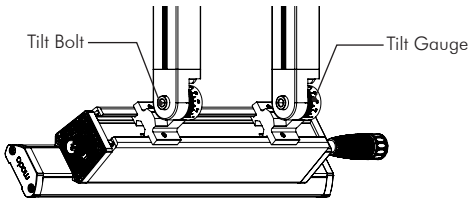
27

Pendant Mounting Arm Tilt Adjustment

Ajuste de inclinación del brazo de montaje colgante
Réglage de l'inclinaison du bras de montage suspendu

To adjust the tilt, loosen the bracket tilt bolts located on the side of the bracket using an M5 (5mm) Allen wrench. Tilt gauges on the side of each mount provide accurate angle reference. Once the desired tilt angle is set, tighten the bolt securely to lock the position.

Tilt Gauge: Each mark indicates a 5° increment.



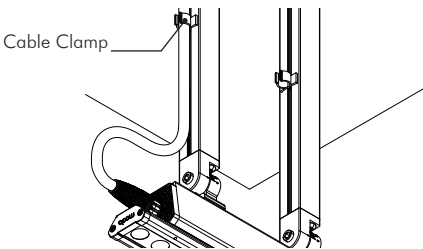
28

Cable Clamp

Abrazadera para cables
Serre-câble

The Moda Exterior Pendant Mounting Arm includes cable clamps that attach to the extruded channel on either side of the arm. The number of cable clamps provided will vary depending on the length of the arm.

Cable Clamp Quantity	Mounting Arm Length			
	6in	12in	18in	24in
	1	2	3	4



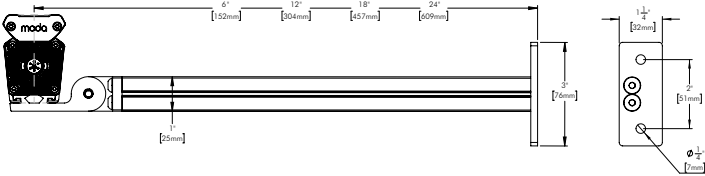
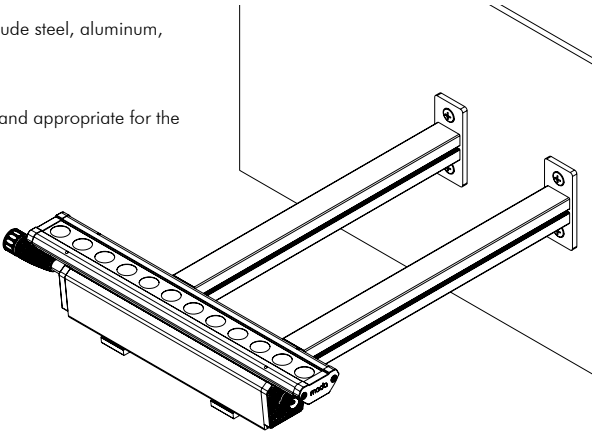
29 Wall Mounting Arm
Ordering SKU: MWMA-E-XXFT-SV
Brazo de montaje en pared
Bras de fixation murale

The installer must ensure the surface is sound, level, and free of cracks or damage. Suitable substrates include steel, aluminum, concrete, or wood. Use properly sized hardware (by others) for the mounting bracket and surface.

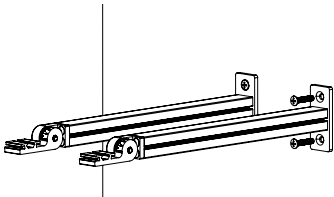
The fixture can be adjusted up to 180° for precise positioning.

Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.

Warning:
Use suitable mounting methods to ensure the fixture is not subjected to water immersion. Accumulation of leaves, debris, snow, ice, or standing water around the fixture may create submerged conditions beyond the fixture’s IP66 rating. Damage resulting from improper installation, prolonged submersion, or exposure to submerged conditions is not covered under warranty.



30 Mounting Hardware
Herrajes de montaje
Matériel de montage

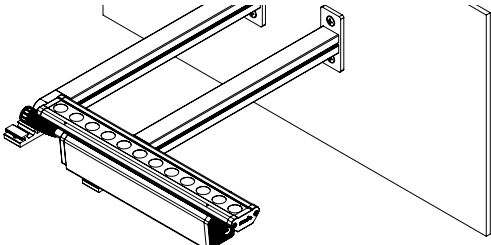


For vibration/wind exposure use:
Lock washers, nylon lock nuts, or thread locker

Mounting Hardware			
Structural screws	#10	#12	#14
Self tapping	#10	#12	#14
Concrete Anchor	3/16", 1/4"		
Machine Screws	1/4"-20 bolt, M6 nuts, bolts & washers		
Wedge Anchor	1/4"		
Sleeve Anchor	1/4"		
Drop-In Anchor	1/4"		
(By others)			

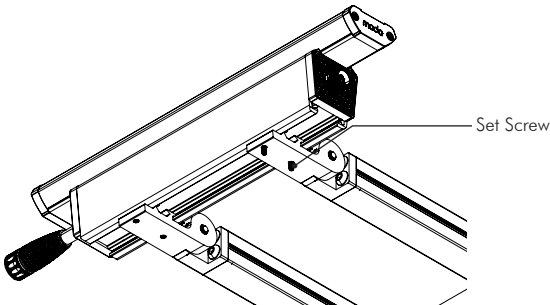
31 Attaching the Fixture to the Wall Mounting Arm
Cómo fijar el accesorio al brazo de montaje en pared
Fixation du dispositif au bras de fixation murale

Slide the mounting bracket into the fixture from either end.



32 Secure Fixture to Under Side Wall Mounting Arm
Fije el accesorio al brazo de montaje de la pared lateral inferior
Fixez le dispositif sous le bras de fixation mural latéral.

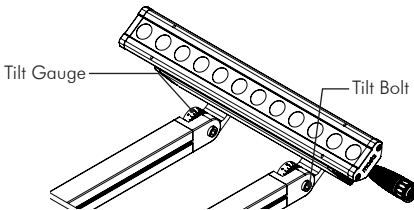
Once the fixture is positioned correctly on the bracket, tighten the set screws to secure the fixture in place.



33 Wall Mounting Arm Tilt Adjustment
Ajuste de la inclinación del brazo de montaje en pared
Réglage de l'inclinaison du bras de fixation murale

To adjust the tilt, loosen the bracket tilt bolts located on the side of the bracket using an M5 (5mm) Allen wrench. Tilt gauges on the side of each mount provide accurate angle reference. Once the desired tilt angle is set, tighten the bolt securely to lock the position.

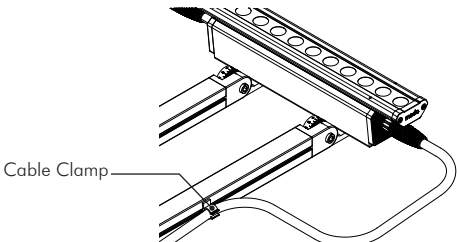
Tilt Gauge: Each mark indicates a 5° increment.



34 Cable Clamp
Abrazadera para cables
Serre-câble

The Moda Exterior Wall Mounting Arm includes cable clamps that attach to the extruded channel on either side of the arm. The number of cable clamps provided will vary depending on the length of the arm.

Cable Clamp Quantity	Mounting Arm Length			
	6in	12in	18in	24in
	1	2	3	4



35

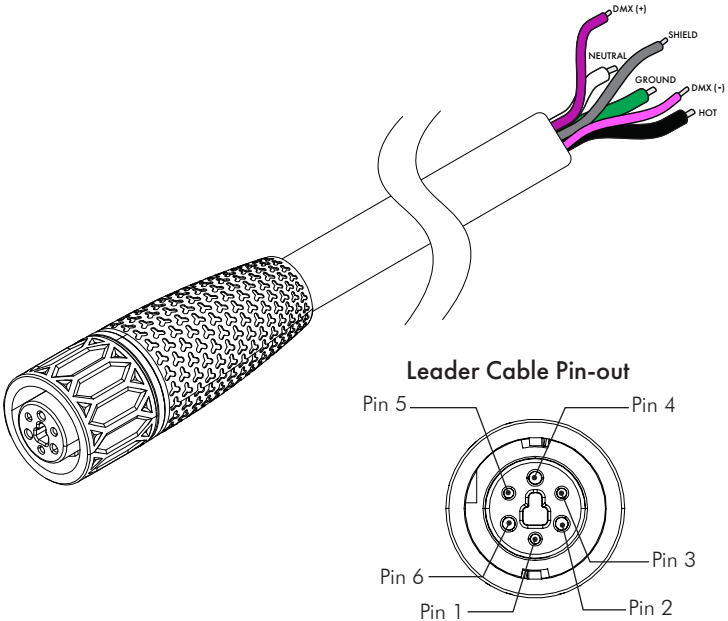
Leader Cable Wiring

Cableado de cables líderes
Câblage de câble leader

Moda Exterior fixtures utilize proprietary 6-way connectors for both power and DMX control. Connector placement at each end of the fixture allows direct end-to-end connection without the need for additional link cables.

Leader cables, available separately in 10ft, 25ft and 50ft lengths, provide both power and control connections. The wiring configuration is as follows:

	UL/cUL	Pinout
Live 100-277V	Black	4
Neutral	White	6
Ground	Green	2
DMX (+)	Purple	3
DMX (-)	Pink	1
Shield	Grey	5



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Fixture to Fixture Connection

Conexión de accesorio a accesorio
Connexion d'appareil à appareil

Each Moda Exterior fixture is equipped with a male input plug on one end and a female output socket on the other. For end-to-end installations, the input plug of one fixture connects directly to the output socket of the preceding fixture.

If spacing is required between fixtures, optional jumper cables are available to bridge the gap.

Step 1: Carefully align the male and female connector.

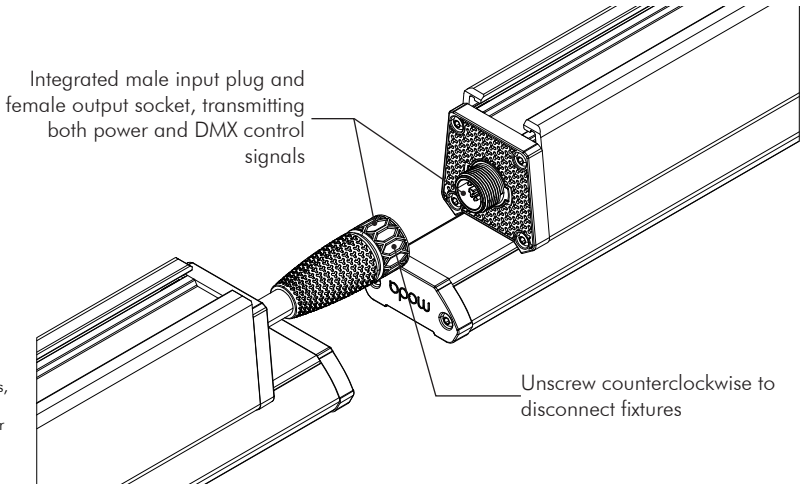
Paso 1: Alinee cuidadosamente el conector macho y el conector hembra.

Étape 1 : Alignez soigneusement les connecteurs mâle et femelle.

Step 2: Once aligned, ensure the connectors are correctly oriented, as they fit in only one position. Carefully turn clockwise until the threads are fully engaged. Make sure the connector is fully tightened to prevent water ingress.

Paso 2: Una vez alineados, asegúrese de que los conectores estén correctamente orientados, ya que solo encajan en una posición. Gire con cuidado en sentido horario hasta que las roscas encajen completamente. Asegúrese de que el conector esté bien apretado para evitar la entrada de agua.

Étape 2 : Une fois alignés, vérifiez que les connecteurs sont correctement orientés, car ils ne s'insèrent que dans une seule position. Tournez délicatement dans le sens horaire jusqu'à ce que le filetage soit complètement engagé. Assurez-vous que le connecteur est bien serré pour éviter toute infiltration d'eau.



37

Fixture to Fixture Disconnect

Desconexión de accesorio a accesorio
Déconnexion d'un appareil à l'autre

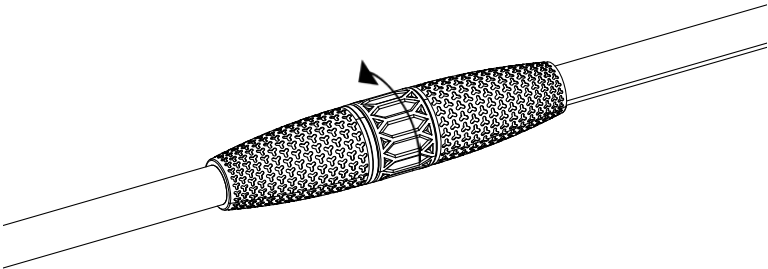
Gently unscrew the connector from the center barrel until the two parts are fully separated.

Desenrosque con cuidado el conector del cañón central hasta que las dos partes estén completamente separadas.

Dévissez délicatement le connecteur du corps central jusqu'à ce que les deux parties soient complètement séparées.

WARNING!

Ensure system is fully de-energized before connecting or disconnecting. "Hot plug" connections can result in a power surge which can destroy the entire run of fixtures.



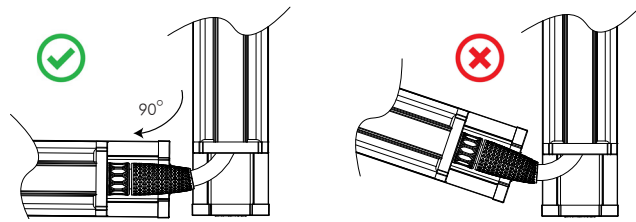
38

Curved Layouts

Diseños curvos
Dispositions courbes

Each fixture has a short power/signal input cable that can extend to simplify connection or disconnection, while also allowing limited angular adjustment of up to 90° between adjacent units.

Avoid placing strain on the cable when making connections. For larger gaps or wider angles, use the optional jumper cables.



39

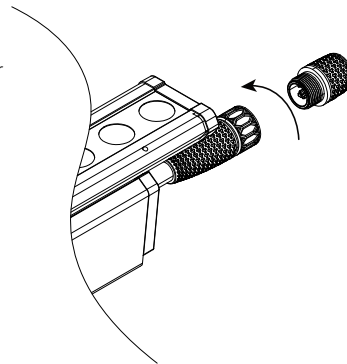
Final Fixture Termination

Terminación del último partido
Fin du match final

At the final fixture in the run, always install the terminator cap on the output connector to ensure the live contacts are safely protected.

Step 1: Align the terminator with the connector, ensuring the correct orientation, as it fits in only one position.

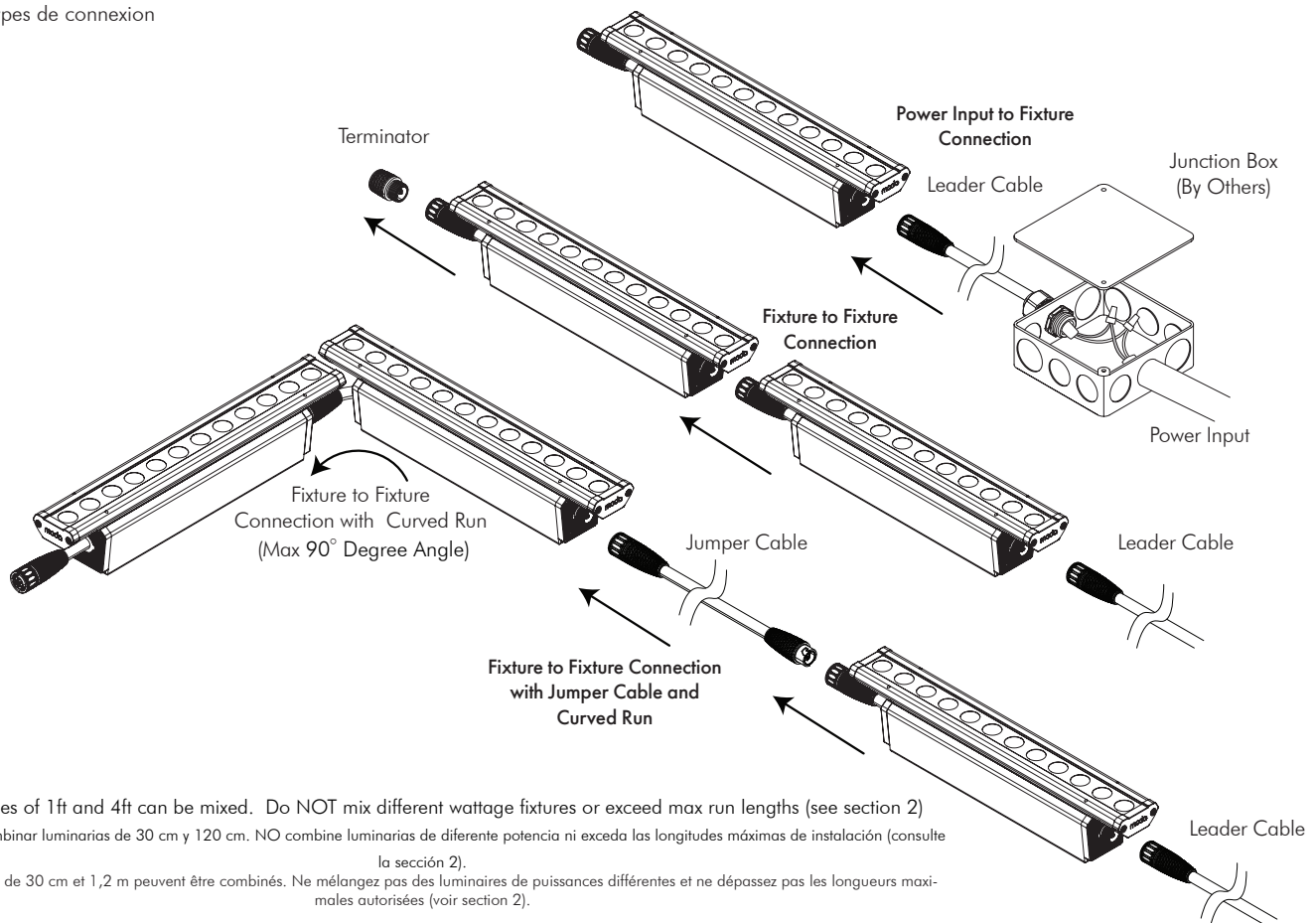
Step 2: Carefully turn clockwise until the threads are fully engaged. Make sure the connector is fully tightened to prevent water ingress.



40

Connection types

Tipos de conexiones
Types de connexion



Fixture sizes of 1ft and 4ft can be mixed. Do NOT mix different wattage fixtures or exceed max run lengths (see section 2)
Se pueden combinar luminarias de 30 cm y 120 cm. NO combine luminarias de diferente potencia ni exceda las longitudes máximas de instalación (consulte la sección 2).
Les luminaires de 30 cm et 1,2 m peuvent être combinés. Ne mélangez pas des luminaires de puissances différentes et ne dépassez pas les longueurs maximales autorisées (voir section 2).

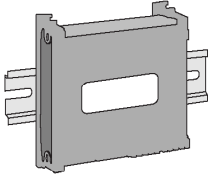
41

DMX Wiring - To ensure correct installation, the necessary items are required:

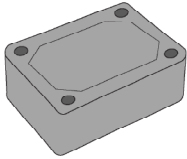
Cablería de DMX - Para garantizar una instalación correcta, se requieren los elementos necesarios:

DMX Câblage - Pour garantir une installation correcte, les éléments nécessaires sont nécessaires:

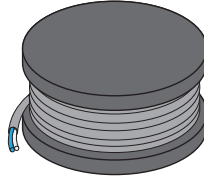
For multiple runs



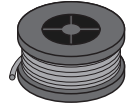
Pathway Splitter
(Order separately)



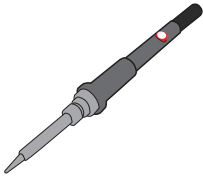
Plastic Junction Box
(By others)



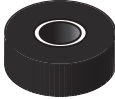
RS-485
(Order separately)



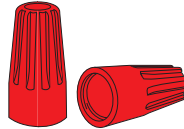
Solder Wire
(By others)



Soldering Iron
(By others)



Electrical Tape
(By others)



Wire Nuts
(By others)



<p>Do not hot swap fixtures. No remplace el producto mientras estén calientes. Feds ne cherchez pas produit tout chaud.</p>	<p>Must use 24AWG Shielded RS-485 Cable for Data! Debe usar cable Shielded RS-485 para conexión de data! Doit utiliser le câble Shielded RS-485 pour la connexion de données!</p>
<p>Please make sure to install in accordance with the local and national code! Por favor asegúrese de instalar de acuerdo con el código local! S'il vous plaît assurez-vous d'installer conformément à la locale et code national!</p>	<p>Use electrical tape to cover any exposed wires! Lámparas debe ser programado por MODA antes de ser enviadas! Lampe doit être programmé par MODA avant qu'ils soient expédiés!</p>
<p>Data and Power must be run in separate conduit! Data y Electricidad deben estar en conductos separados! Les données et la puissance doivent être sur des conduits séparés!</p>	<p>Terminator must be installed, this is essential to avoid any possible DMX reflection Es necesario instalar un terminador. Esto es esencial para evitar cualquier posible reflexión de la señal DMX. Une terminaison doit être installée. C'est indispensable pour éviter toute réflexion DMX éventuelle.</p>
<p>Do not connect DMX Data(+), (-), or Shield to "Earth Ground." No conecte datos DMX (+), (-) o blindaje a "Tierra". Ne connectez pas les données DMX (+), (-) ou le blindage à la "Terre".</p>	<p>DMX Splitters - Only use professional grade DMX splitters which can handle RDM. We recommend Pathway splitters. Distribuidores DMX: utilice únicamente distribuidores DMX de calidad profesional compatibles con RDM. Recomendamos los distribuidores de Pathway. Répartiteurs DMX – Utilisez uniquement des répartiteurs DMX de qualité professionnelle compatibles RDM. Nous recommandons les répartiteurs Pathway.</p>

DMX shield must remain isolated at all times.

Failure to do so will result in fixture or equipment damage.

El escudo DMX debe permanecer aislado en todo momento. El no hacerlo resultará en daños al accesorio o al equipo.

Le blindage DMX doit rester isolé à tout moment. Le non-respect de cette consigne entraînera des dommages aux luminaires ou à l'équipement.

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DMX Cable Requirements

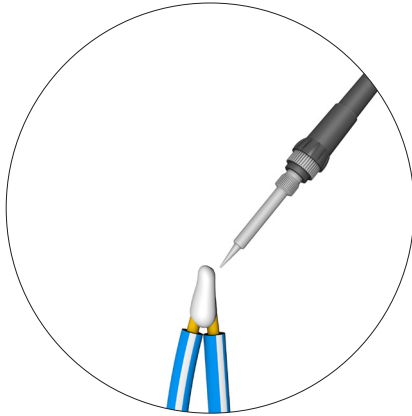
Requisitos de los cables DMX

Exigences relatives aux câbles DMX

DMX CABLE REQUIREMENTS

DMX APPLICATIONS REQUIRES ONE
OF THE FOLLOWING CABLES:

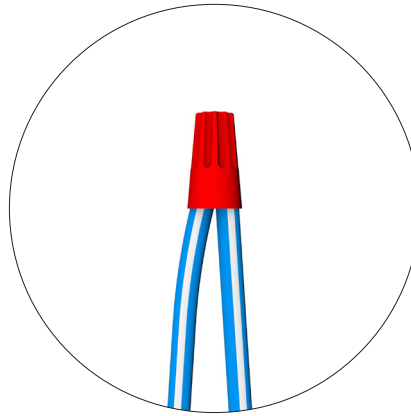
OUTDOOR	BELDEN 3105A
PLENUM RATED	BELDEN 8284A



Must solder all data connections

Debe soldar todas las conexiones de datos

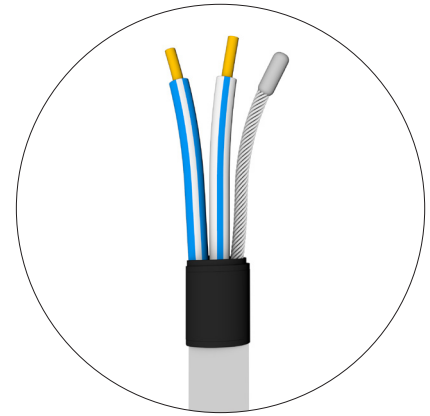
Doit souder toutes les connexions de données



Cap all data connections with Wire Nut

Cablería de DMX

DMX Câblage



Shielded RS-485

	DMX Positive
	DMX Negative
	DMX Shield



Shielded RS-485 - Protect data integrity!

Twist all stranded shield wires together into a tight linear shape and cover with hot solder. Ensure the shield is one solid piece and make sure no wires are loose that can possibly come into contact with metal or other objects. Use electrical tape to cover/secure any exposed wires.

Cable RS-485 blindado: ¡proteja la integridad de los datos!

Tuerza todo el cable blindado trenzado en una forma lineal ajustada y cúbralo con soldadura caliente. Asegúrese de que el protector sea una pieza sólida y asegúrese de que no haya cables sueltos que puedan entrar en contacto con cualquier metal u otros objetos. Use cinta aislante para cubrir / asegurar los cables expuestos.

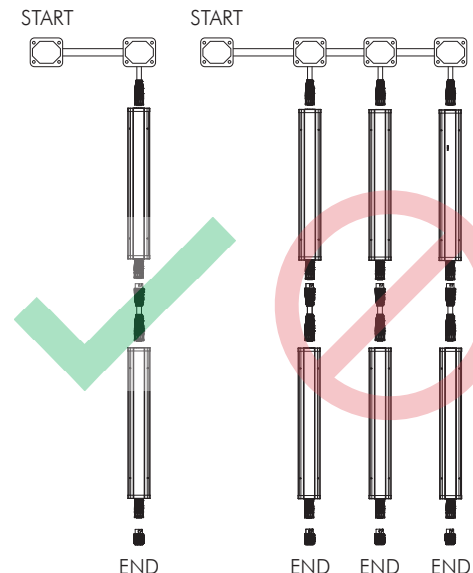
Câble RS-485 blindé - Protégez l'intégrité des données!

Torsadez tous les fils de blindage toronnés ensemble en une forme linéaire serrée et couvrez avec de la soudure à chaud. Assurez-vous que le blindage est une pièce solide et assurez-vous qu'aucun fil n'est desserré qui pourrait éventuellement entrer en contact avec du métal ou d'autres objets. Utilisez du ruban isolant pour couvrir/fixer les fils exposés.

NEVER create "T" or "Y" runs with Moda DMX products. ALWAYS have a single start and end. Multiple runs will require a SPLITTER.

NUNCA cree recorridos en "T" o "Y" con los productos Moda DMX. SIEMPRE tienen un solo comienzo y final. Múltiples ejecuciones requerirán un SPLITTER.

Ne créez JAMAIS de parcours en « T » ou en « Y » avec les produits Moda DMX. Ayez TOUJOURS un début et une fin uniques. Plusieurs exécutions nécessiteront un SPLITTER.

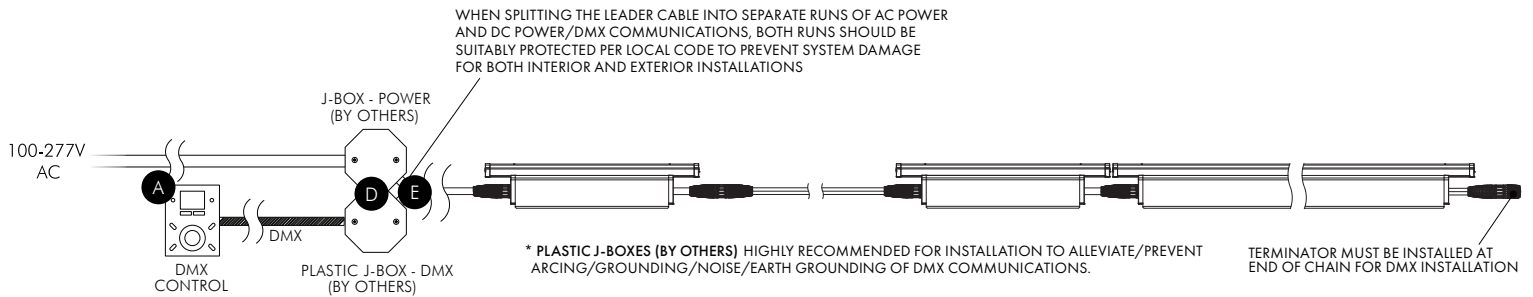


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Single Run DMX Wiring

Cableado simple de DMX

Câblage DMX simple

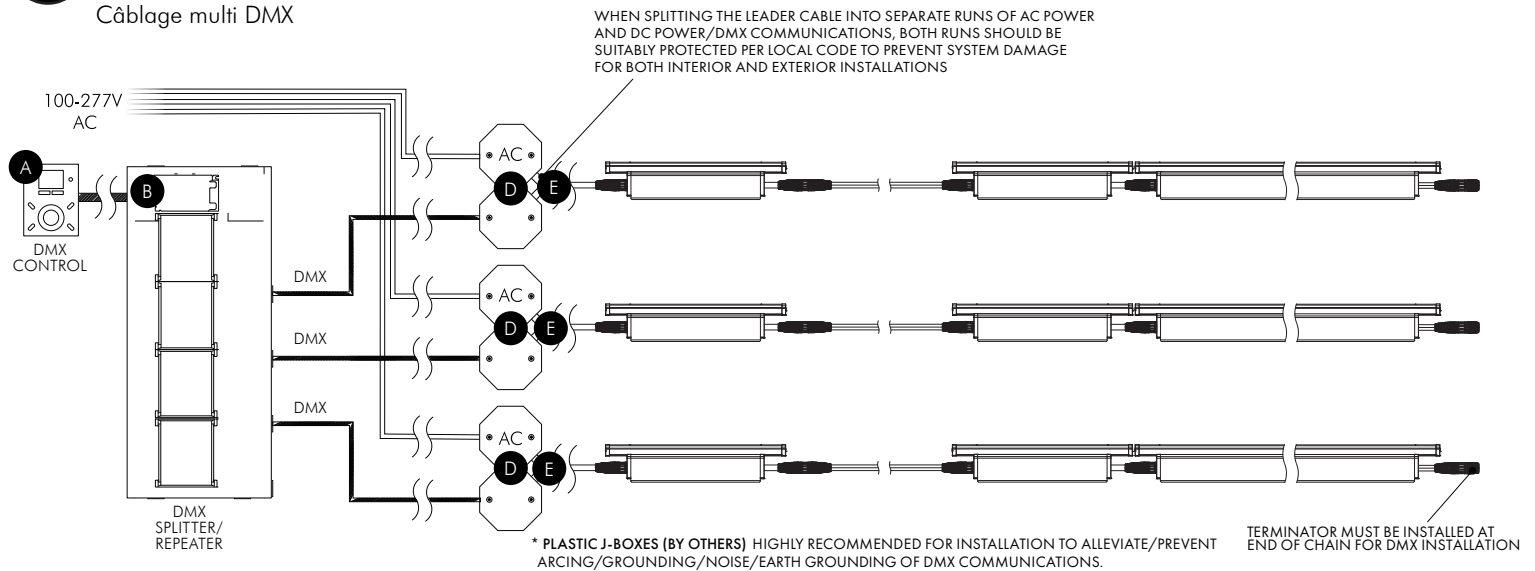
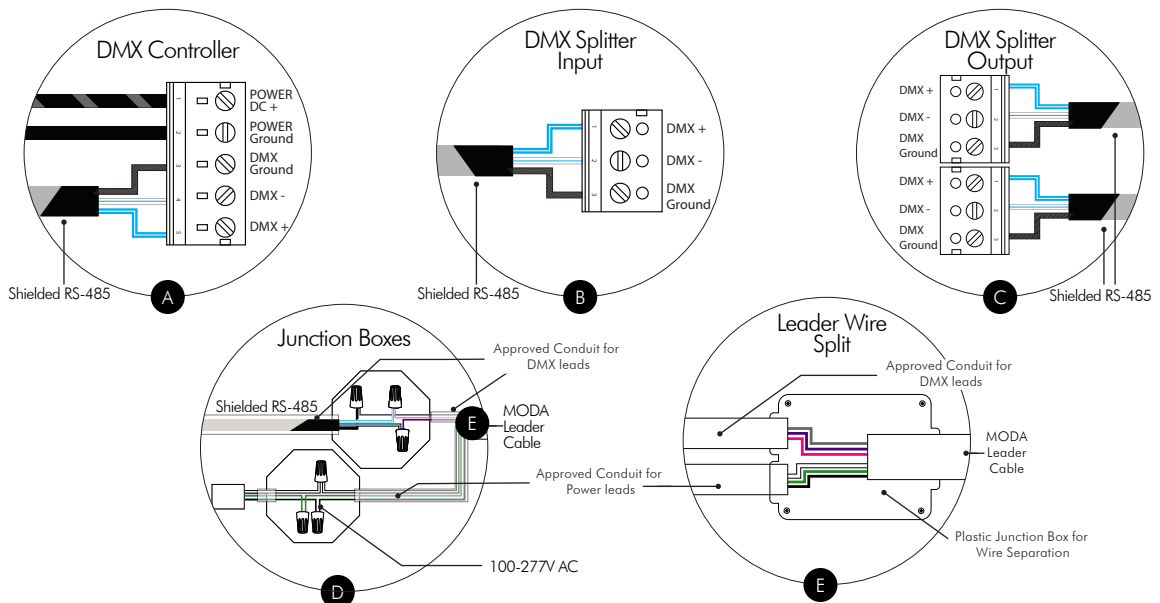


44

Multiple Run DMX Wiring

Cableado Multiple de DMX

Câblage multi DMX



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Standard DMX Addressing

Direccionamiento DMX estándar

Adressage DMX standard

PRODUCT		
Moda Exterior RGBW	1 FT	Red = 001 Green = 002 Blue = 003 White = 004
Moda Exterior RGBW	4 FT	Red = 001, 005, 009, 013 Green = 002, 006, 010, 014 Blue = 003, 007, 011, 015 White = 004, 008, 012, 016

RDM - Each fixture has a unique identity (U.I.D). See section 17 for full details. For full programming and commissioning service, contact MODA Technical Services.

RDM - Cada luminaria tiene una identidad única (U.I.D). Consulte la sección 17 para obtener detalles completos. Para un servicio completo de programación y puesta en marcha, comuníquese con los Servicios Técnicos de MODA.

RDM - Chaque luminaire a une identité unique (U.I.D). Voir la section 17 pour plus de détails. Pour un service complet de programmation et de mise en service, contactez les services techniques de MODA.

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Remote Device Management

Gestión remota de dispositivos

Gestion à distance des appareils

This product supports the Remote Device Management (RDM) protocol as outlined in ANSI E1.20. RDM supports bi-directional communication over the DMX data line between a single RDM controller and multiple RDM responders.

Unless specifically noted, all MODA Light fixtures marked as RDM-compliant shall be considered an RDM responder.

Each MODA Light product is equipped with a Unique Identity (UID) alpha-numeric identifier that is discoverable using the RDM controller. For MODA Light products, the UID is comprised of the following 16-bit value:

"1E8D" represents the MODA Light manufacturer ID

1E8D: xxxxxxxxxxxxxx

"xxxxxxxxxxxx" represents a unique ID for the device.

The following parameters may be changed remotely using an RDM controller:

IDENTIFY	SET DMX ADDRESS
<ul style="list-style-type: none">The IDENTIFY parameter allows the RDM responder to flash a single fixture for the purpose of determining its physical location in the installation.The IDENTIFY parameter is typically used to determine the fixture location in a specific run.	<ul style="list-style-type: none">The SET DMX ADDRESS parameter allows the RDM responder to change the DMX address of the fixture from a remote location.The SET DMX ADDRESS parameter is used to assign the desired DMX address as defined by the project documentation or programmer requirements.

- In order for the RDM protocol to function correctly, the following requirements must be met:
- 1) The responder shall be compliant with the ANSI E1.20 standard.
 - 2) The last fixture in the run must be no further than 985ft (300m) from the RDM controller.
 - 3) Twisted pair data cabling compliant with the EIA-485 communication standard must be used.
 - 4) The end of the data line must be terminated using a 120 OHM 1/4 watt resistor.
 - 5) All field wiring connections shall maintain the data wiring twist as close as possible to the connection.
 - 6) All connections shall be made with suitable hardware as outlined in the MODA Light installation documentation.
 - 7) The quantity of RDM responders connected to an RDM controller shall not exceed 31 devices.

All MODA Light fixtures ship with a default DMX address of 001 unless the quotation and order specifically request factory addressing. With default fixture addressing, all Moda Light fixtures will respond to DMX address 001 on the first controllable channel as follows:

RGBW Fixtures
DMX 001 - Red
DMX 002 - Green
DMX 003 - Blue
DMX 004 - White

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Attach Optional Louver

Adjuntar rejilla opcional

Fixer une persienne en option

Step 1: Secure the optional louver to the top of the fixture using the four provided screws. For 4-foot fixtures, install four louvers per fixture.

Paso 1: Fije la rejilla opcional a la parte superior de la luminaria con los cuatro tornillos incluidos. Para luminarias de 1,22 m (4 pies), instale cuatro rejillas por luminaria.

Étape 1 : Fixez la grille d'aération optionnelle sur le dessus du luminaire à l'aide des quatre vis fournies. Pour les luminaires de 1,20 m (4 pieds), installez quatre grilles d'aération par luminaire.

48

Detach Optional Louver

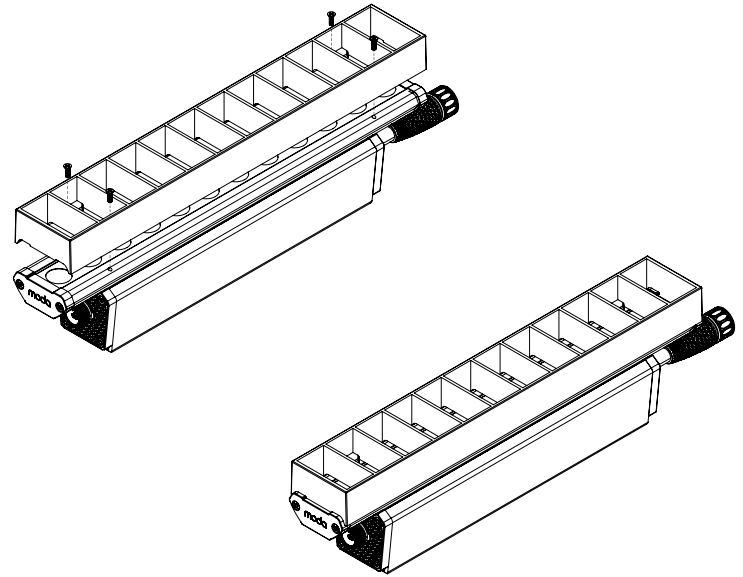
Desmontar la rejilla opcional

Détacher la persienne en option

Step 1: To remove the optional louvers from the fixture, first remove the four screws securing the louver to the unit. Once the screws have been removed, the louver can be lifted off and removed from the fixture.

Paso 1: Para retirar las rejillas opcionales de la luminaria, primero retire los cuatro tornillos que las sujetan a la unidad. Una vez retirados los tornillos, puede levantar la rejilla y retirarla de la luminaria.

Étape 1 : Pour retirer les persiennes optionnelles du luminaire, commencez par enlever les quatre vis qui les fixent. Une fois les vis retirées, vous pouvez soulever la persienne et la retirer du luminaire.



49

Attach Optional Louver with 4ft Fixtures

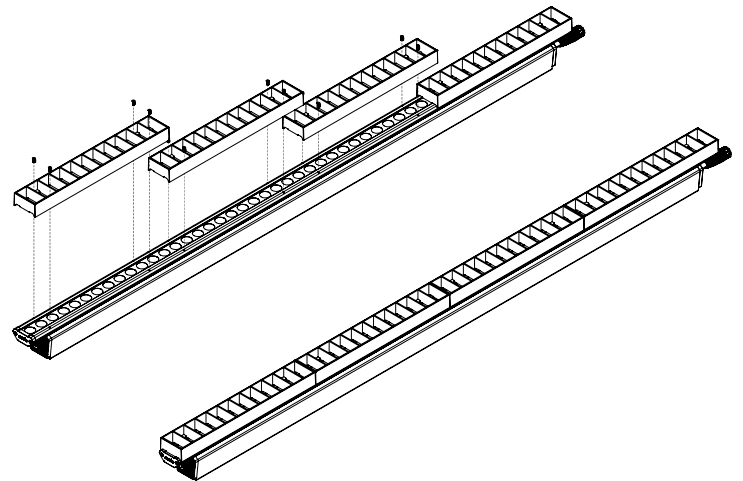
Conecte la rejilla opcional con accesorios 4ft

Fixez le volet en option avec les luminaires 4ft

Louvers are supplied in 1ft (304 mm) sections. A total of four sections are needed to fully cover a 4ft fixture.

Las rejillas se suministran en secciones de 304 mm (1 pie). Se necesitan cuatro secciones para cubrir completamente una luminaria de 1,22 m (4 pies).

Les persiennes sont fournies en sections de 304 mm (1 pi). Quatre sections sont nécessaires pour couvrir entièrement un luminaire de 1,2 m (4 pi).



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Optional Glare Shield

Protector antideslumbrante opcional

Écran anti-éblouissement optionnel

The Glare Shield is supplied in 1ft (304 mm) and 4ft (1219mm).

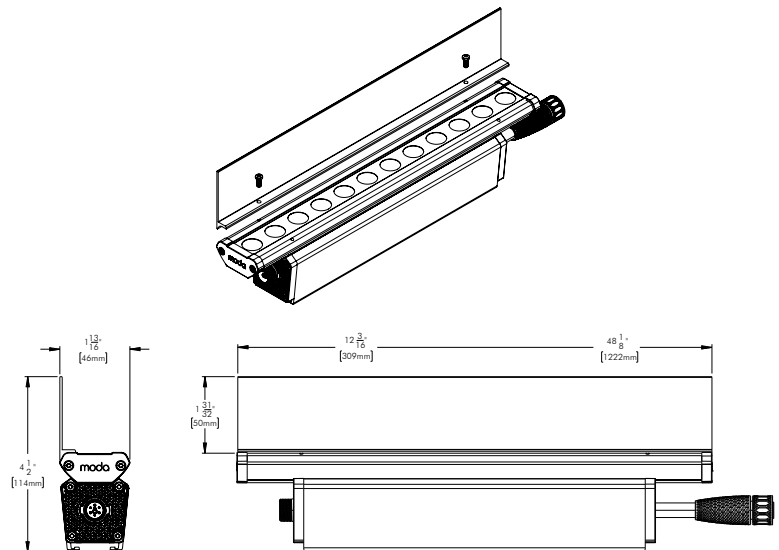
El parasol se suministra en longitudes de 1 pie (304 mm) y 4 pies (1219 mm).

Le pare-éblouissement est fourni en longueurs de 1 pied (304 mm) et 4 pieds (1 219 mm).

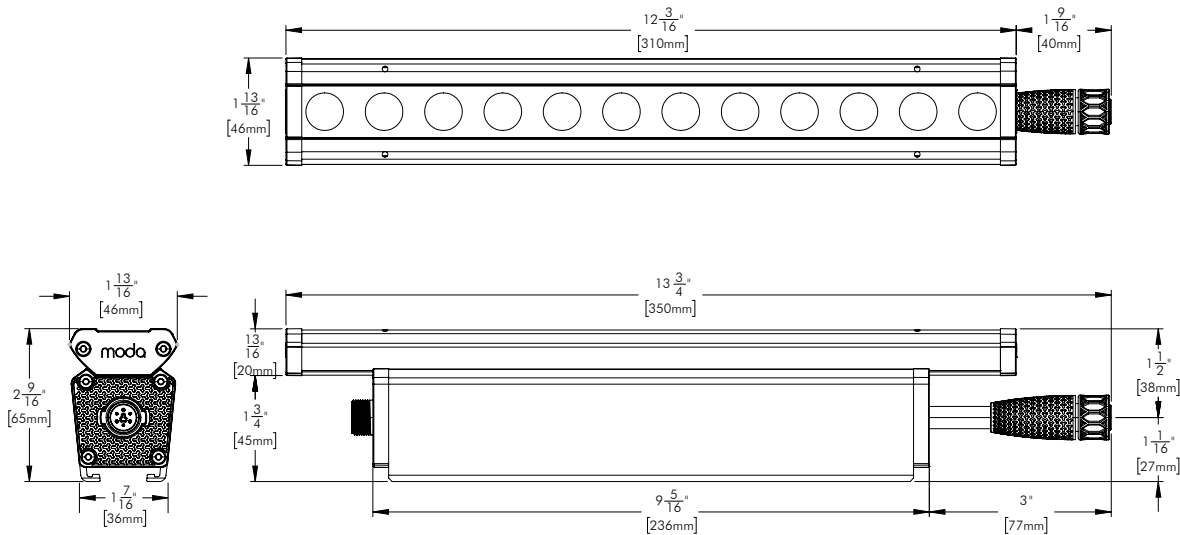
Glare Shield Attachment: Install the shield by securing it to the fixture using the screws provided in the predrilled holes. For the 4 ft unit, eight predrilled holes and screws are provided to secure the shield to the fixture.

Fijación del protector antideslumbrante: Instale el protector fijándolo a la luminaria con los tornillos incluidos en los orificios pretaladrados. Para la unidad de 1,2 m (4 pies), se incluyen ocho orificios pretaladrados y tornillos para fijar el protector a la luminaria.

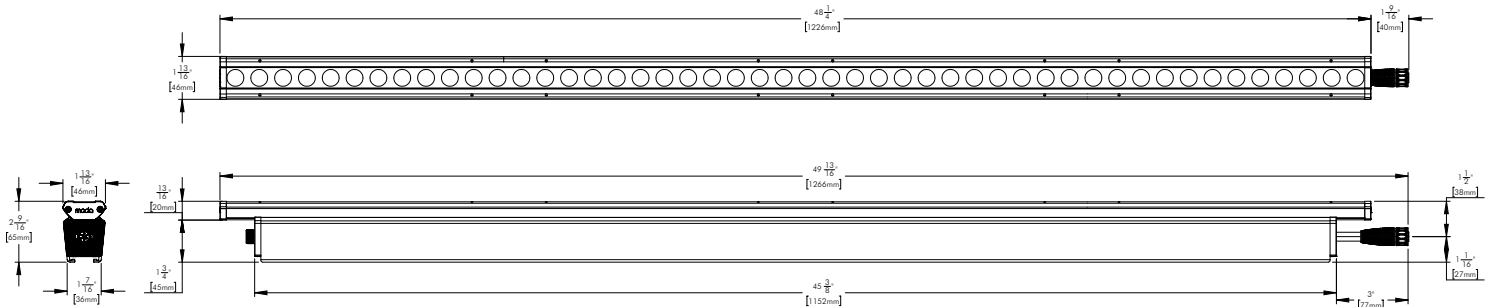
Fixation du pare-éblouissement : Installez le pare-éblouissement en le fixant au luminaire à l'aide des vis fournies dans les trous pré-perçés. Pour le modèle de 120 cm (4 pi), huit trous pré-perçés et les vis sont fournis pour fixer le pare-éblouissement au luminaire.



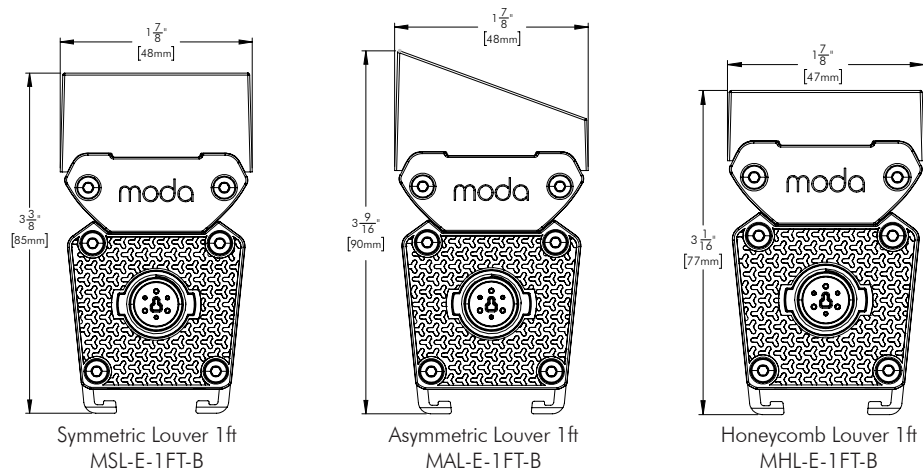
51 Dimensions – 1ft Fixture
Dimensiones – Accesorio de 1 pie
Dimensions – Luminaire de 1 pi



52 Dimensions – 4ft Fixture
Dimensiones – Luminaria de 4 pies
Dimensions – Luminaire de 4 pieds



53 Dimensions – With Optional Louvers
Dimensiones – Luminaria de 4 pies
Dimensions – Luminaire de 4 pieds



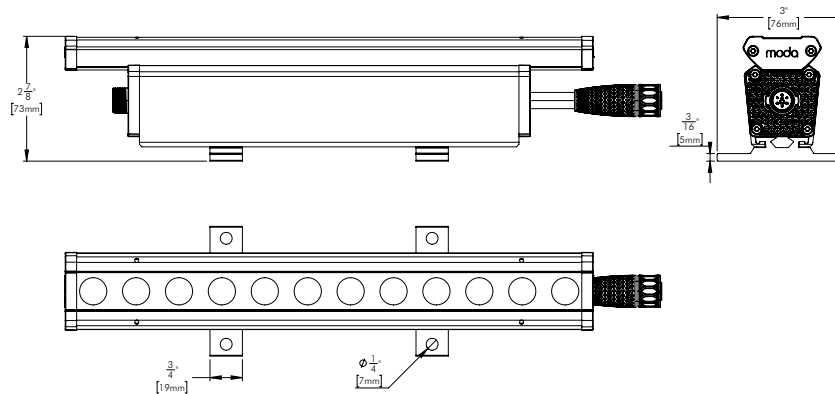
54

Dimensions – Slim Fixed Bracket

Ordering SKU: ME-FM-SV

Dimensiones – Soporte fijo delgado

Dimensions – Support fixe mince



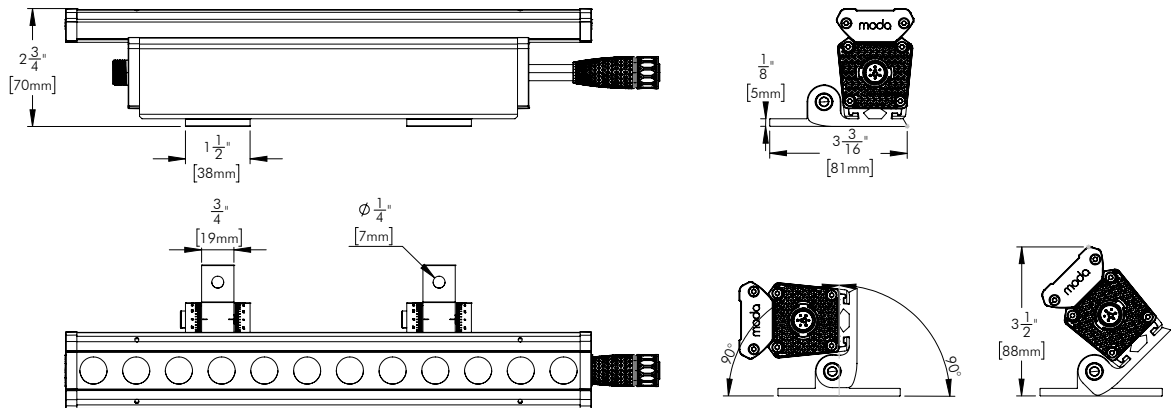
55

Dimensions – Side Mount Bracket

Ordering SKU: ME-SMA-SV

Dimensiones – Soporte de montaje lateral

Dimensions – Support de montage latéral



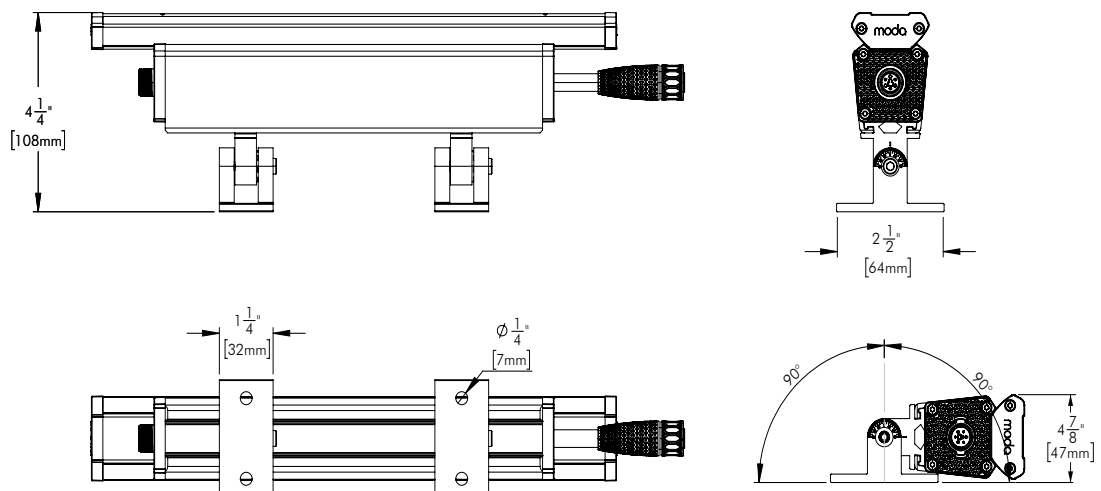
56

Dimensions – Lower Mount Bracket

Ordering SKU: ME-LMA-SV

Dimensiones – Soporte de montaje inferior

Dimensions – Support de montage inférieur



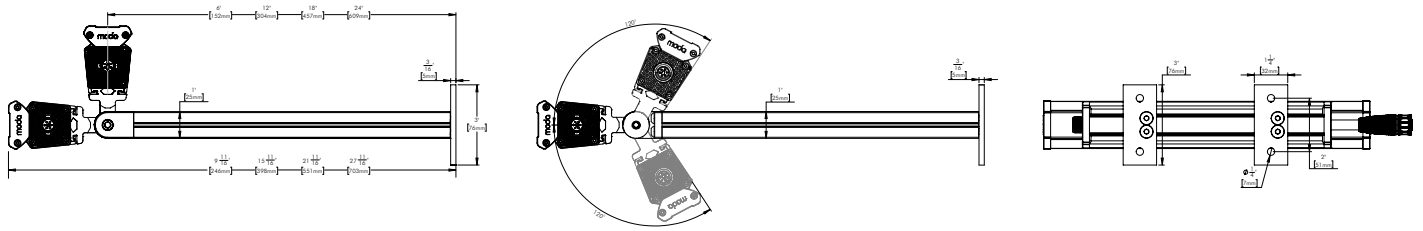
57

Ground and Pendant Mounting Arm Dimensions

Ordering SKU: MPGMA-E-XXFT-SV

Dimensiones del brazo de montaje en tierra

Dimensions du bras de fixation au sol



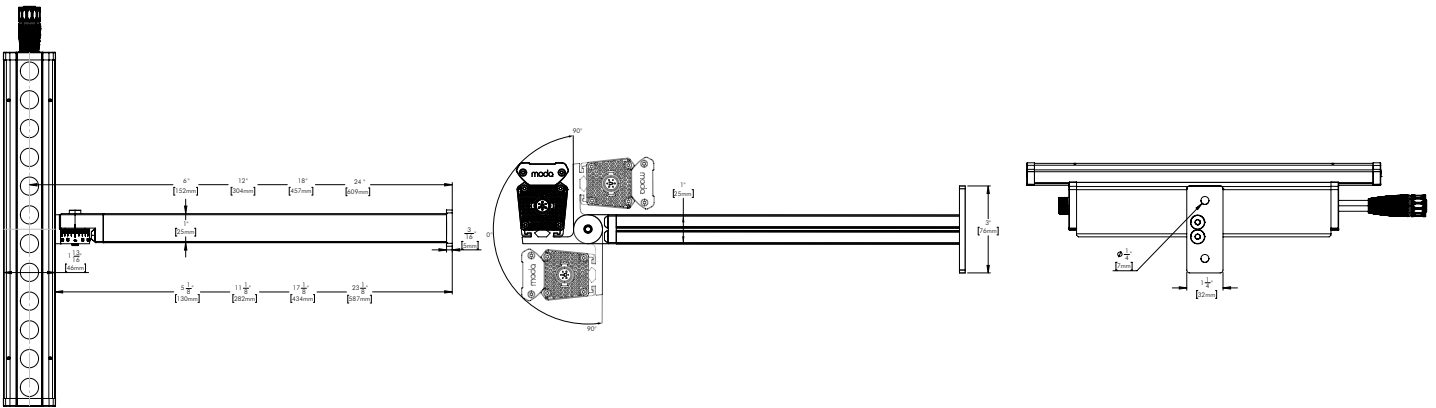
58

Wall Mounting Arm Dimensions

Ordering SKU: MWMA-E-XXFT-SV

Dimensiones del brazo de montaje en pared

Dimensions du bras de fixation murale



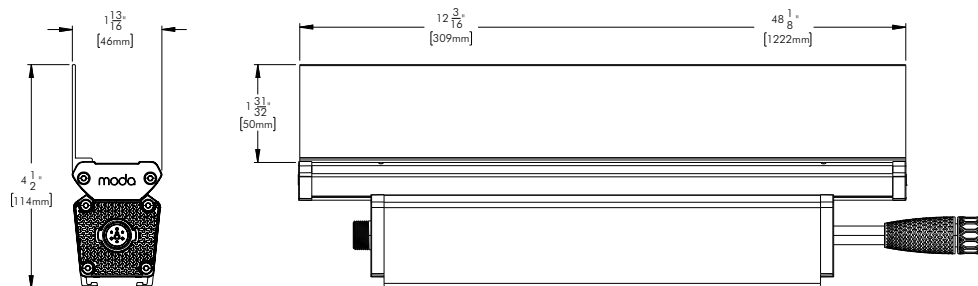
59

Glare Shield Dimensions

Ordering SKU: MS-E-XFT-SV

Dimensiones del protector antideslumbrante de aluminio

Dimensions du pare-éblouissement en aluminium



SPECIFICATIONS

PHYSICAL

Dimensions	L: 12 3/16 in (310mm)	W: 1 13/16in (46mm)
	L: 48 1/4in (1226mm)	H: 2 9/16in (65mm)
Weight	12in: 2.09lbs (0.95kg) 48in: 6.6lbs (3.0kg) (LOP; SOP; SOPP 7.05lbs (3.2kg)	
Construction	6063 CNC Aluminum Body, Nylon End Caps with Tempered Glass	
Finish	Hard-coat Anodized Silver body for durability.	
Adjustment	Choice of fixed or adjustable mounting options	
Ingress Protection	Wet Location - IP66	
Vibration	5G - ANSI C136.31 for bridge applications	
Impact Rating	IK07	
Storage Temperature	-13°F to 158°F (-25°C to 70°C)	
Start-up Temperature	-4°F to 122°F (-20°C - 50°C)	
Operating Temperature	-4°F to 122°F (-20°C - 50°C)	
Humidity	0-95% Non Condensing	

ELECTRICAL

Input Voltage	100-277V AC 50Hz/60Hz
Power Factor	≥ 0.99
Control	DMX-RDM

MODA WIDE SYMMETRIC EXTERIOR

CCT	RGBW-4000K
Beam Angle	120°x120°
Applications	Linear Facade Lighting, Perimeter Building Lighting, Landscape and Hardscape Lighting, Under-Handrail or Step Lighting, Canopy and Soffit Lighting, Pathway, Parking Garage and Structure Lighting & Accent Illumination.

MODA ASYMMETRIC WASH EXTERIOR

CCT	RGBW-4000K
Beam Angle	40°x50°x5°; 45°x60°x5°
Applications	Building Facade Illumination, Architectural Feature Walls and Linear Elements, Perimeter and Pathway Wall Lighting, Landscape Wall and Retaining Wall Lighting.

OUTPUT LED DATA

SDCM	2-Step MacAdam Ellipse for White LED
Color Bin Tolerance	Zero Bin
CRI (4000K)	>95
CQS (4000K)	>96
Lumen Maintenance	60,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

STANDARDS & CERTIFICATIONS

<div><div>  </div></div>	
Certification	Tested to UL & CSA by Intertek For Use in USA & CANADA. CE & RoHS Compliant.
Class	1
Warranty	5 Year Limited Warranty

MODA WASH EXTERIOR

CCT	RGBW-4000K
Beam Angle	35°x35°; 40°x35°; 40°x40°; 40°x45°; 40°x50°; 40°x60°; 45°x40°; 45°x60°; 45°x65°; 50°x40°; 50°x60°; 50°x65°; 55°x45°; 60°X45°; 65°x50°; 70°X45°; 70°x80°; 90°x90°
Applications	Smooth Wall Washing, Architectural Accent Lighting, Landscape and Hardscape Lighting, Pathways and Perimeter Lighting, Large Facade Illumination

⚠ De-energize system before connecting or disconnecting product

Desactive el sistema antes de conectar o desconectar el producto.
Système hors tension avant de connecter ou de déconnecter le produit

⚠ Do not attempt to install or use the product until installation is fully read and understood.

¡No intente instalar o utilizar el producto sin antes leer y comprender las instrucciones.
Ne tentez pas d'installer ou d'utiliser le produit jusqu'à ce que l'installation est entièrement lu et compris.

⚠ Do not use the product if lens or power cables are damaged.

¡No utilice el producto si el lente o cables de energía están defectuosos.
Ne pas utiliser le produit si l'objectif ou les câbles d'alimentation sont endommagés.

⚠ Do not use any current or voltages that do not match the product's listed operating voltage / current.

No utilice ninguna corriente o voltaje que no coincida con el voltaje/corriente de funcionamiento indicados para el producto.
N'utilisez pas de courant ou de tension qui ne correspondent pas à la tension/au courant de fonctionnement indiqué pour le produit.

⚠ Not compatible with voltage step down devices/voltage converters/buck converter.

No es compatible con dispositivos de reducción de voltaje / convertidores de voltaje / convertidor de buck.
Non compatible avec les dispositifs abaisseurs de tension / convertisseurs de tension / convertisseur abaisseur.

⚠ Must be wired on its own dedicated lighting circuit. Do not share the same lighting circuit with motors, fans or computers as this may cause flickering of the fixture.

Debe conectarse en su propio circuito de iluminación dedicada. No comparta en el mismo circuito de iluminación con motores, ventiladores o computadoras ya que puede causar parpadeo en el equipo.
Doit être câblé sur son propre circuit d'éclairage dédié. Ne partagent pas le même circuit d'éclairage avec moteurs, des ventilateurs ou des ordinateurs, car cela risquerait de scintillement de l'appareil.

⚠ Never put power and data in the same conduit or raceway.

¡Nunca se pudo alimentar ni datos en los mismos cables o conductos.
Ne mettez jamais la puissance et les données dans le même conduit ou caniveau.

⚠ The DMX data bus and Electrical power loads must be less than or equal to limit allowed by the electrical specification on the data sheet!

El bus de datos DMX y las cargas de energía eléctrica deben ser menores o iguales al límite permitido por la especificación eléctrica en la hoja de datos.
Le bus de données DMX et les charges d'alimentation électrique doivent être inférieurs ou égaux à la limite autorisée par les spécifications électriques sur la fiche technique!

⚠ Do not connect line voltage to data!

No conecte el voltaje de línea a los datos!
Ne pas connecter la tension de ligne aux données!

⚠ Fixtures must be programmed by MODA prior to operation or via suitable RDM controller!

Accesorios deben ser programados por MODA antes de su envío!
Les luminaires doivent être programmées par MODA avant l'expédition!

⚠ If fixture is not working, please remove from run and use RDM controller to check device status!

Si el dispositivo no funciona, retírelo de la ejecución y use el controlador RDM para verificar el estado del dispositivo.
Si l'appareil ne fonctionne pas, veuillez le retirer de l'exécution et utiliser le contrôleur RDM pour vérifier l'état de l'appareil !

⚠ If a fixture is not working, please remove from service. Contact Moda Support.

Si un accesorio no funciona, retírelo del servicio. Contacte con el servicio de asistencia de Moda.
Si un luminaire ne fonctionne pas, veuillez le retirer du service. Contactez l'assistance Moda.

⚠ Do not coat the product in paint. This will ruin the product and void warranty.

No cubra el producto en pintura. Esto va a arruinar el producto y anular la garantía.
Ne pas enduire le produit dans la peinture. Cela va ruiner le produit et annuler la garantie.

⚠ Please make sure to install in accordance with the local code.

Por favor asegúrese de instalar de acuerdo con el código local.
Faire S'il vous plaît veuillez à installer en conformité avec le code local.

⚠ No serviceable parts - Do not disassemble.

No hay piezas reparables - No desamblar.
Aucune pièce - Ne pas démonter.

⚠ Do not hot swap fixtures.

No remplace el producto mientras estén calientes.
Feds ne changez pas produit tout chaud.

⚠ Do not open fixtures as they are line voltage and could cause a shock.

No intente abrir el producto ya que contienen líneas de voltaje y podría causar un corto circuito.
Ne pas essayer d'ouvrir le produit car ils contiennent des lignes de tension pourrait et provoquer un court-circuit.

⚠ Must use terminator.

Se tiene que utilizar terminadores.
Doit utiliser terminateur.

⚠ Do not stare into beam.

No mire fijamente la luz.
Ne pas regarder le faisceau.