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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.

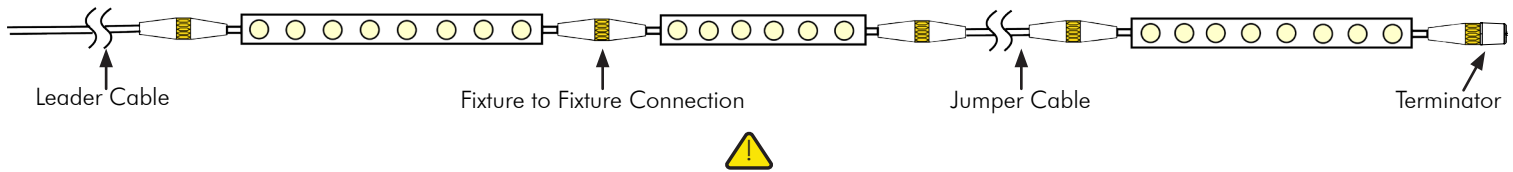
WET LOCATION INSTALL
INSTALACIÓN EN LUGARES HÚMEDOS
INSTALLATION EN EMPLACEMENT HUMIDE

2

Verify electrical plan and ensure all hardware is present

Verificar plan eléctrico y verifique que todo el equipo esté presente

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



Max Continuous Run: 11 1/2ft (3500mm) with a maximum of 5 electrical connections due to voltage drop

Continuidad Máxima: 11 1/2ft (3500mm) con un máximo de 5 conexiones eléctricas por caída de tensión

Run Continue Max: 11 1/2ft (3500mm) avec un maximum de 5 connexions électriques en raison d'une chute de tension

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Compatible driver list

Lista de controladores compatibles

Liste des pilotes compatibles

Driver	Voltage Range	Wattage	IP Rating	Max Load
MPMLVELV96	120-277V AC	96W	IP66	11 1/2ft (3500mm) Per Driver
MPND96	120-277V AC	96W		
MP96	120-277V AC	96W		
MPJB962	120-277V AC	96W x 2		
MPJB963	120-277V AC	96W x 3		
MPJB964	120-277V AC	96W x 4		
MPJB965	120-277V AC	96W x 5		
MPJB966	120-277V AC	96W x 6		
MPJB967	120-277V AC	96W x 7		

4

Voltage Drop

Caída de tensión

Chute de tension

Wattage	Maximum cable length from LED Driver to Start of Flex (in feet)				
	14AWG	16AWG	18AWG	20AWG	22AWG
24W	294	187	115	74	45
48W	136	86	53	34	21
72W	80	51	31	20	N/A
96W	48	31	19	12	N/A
120W	27	17	10	N/A	N/A

5

Power Consumption

Consumo de energía

Consommation d'énergie

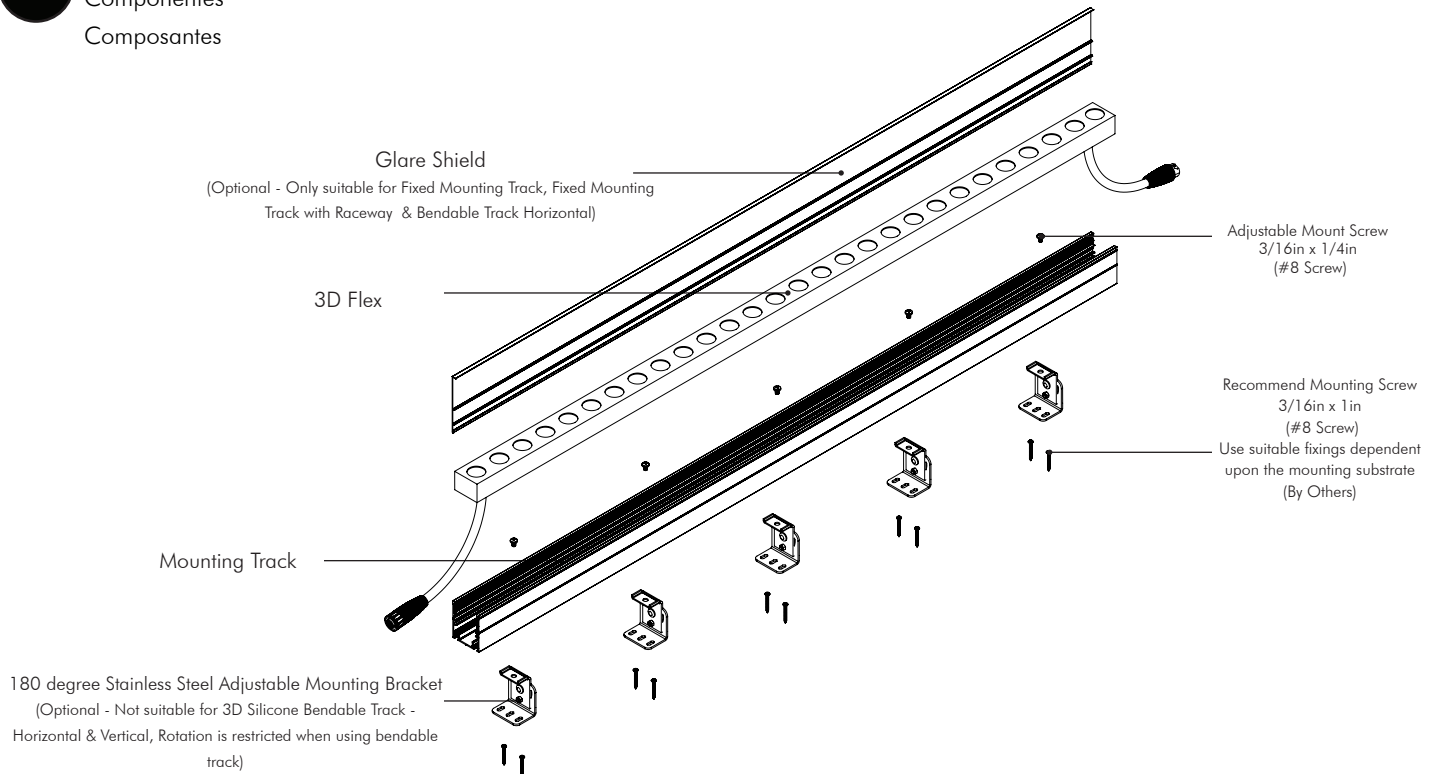
Nominal Length	W/ft	Total Wattage	Nominal Length	W/ft	Total Wattage
1ft	7.3	7.3W	7ft	7.3	51.1W
2ft	7.3	14.6W	8ft	7.3	58.4W
3ft	7.3	21.9W	9ft	7.3	65.7W
4ft	7.3	29.2W	10ft	7.3	73W
5ft	7.3	36.5W	11ft	7.3	80.3W
6ft	7.3	43.8W			

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Components

Componentes

Composantes



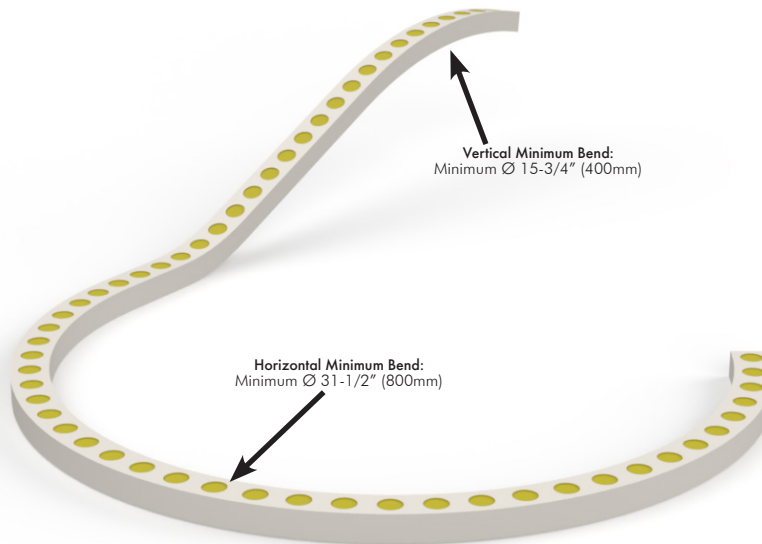
7

Bending Specification

Especificación de flexión

Spécification de pliage

Unlike conventional flexible fixtures restricted to a single bending axis, the Moda 3D Flex Graze and Wash are engineered for multi-axis flexibility, enabling both horizontal and vertical articulation to accommodate complex architectural geometries. Care must be taken to ensure that all bends remain within the maximum horizontal and vertical bend radius specified in this document to prevent mechanical stress or damage to the fixture.



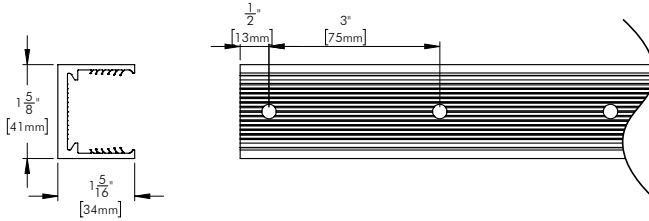
8

3D Bendable Track

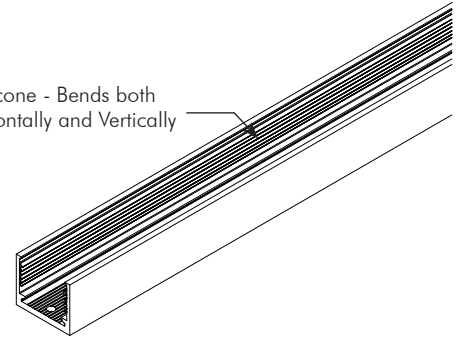
Montaje de riel flexible en 3D

Montage de rails flexibles en 3D

The 3D Bendable Track bends both horizontally and vertically, adapting effortlessly to any installation. Silicone housing enables the profile to work in harsh conditions such as seaside and pools.



Silicone - Bends both Horizontally and Vertically



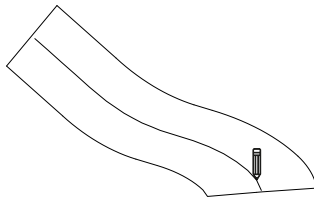
9

3D Bendable Track Installation

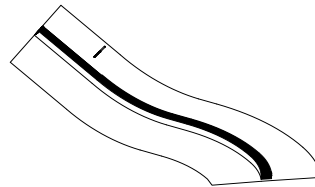
Instalación de vías

Installation de la piste

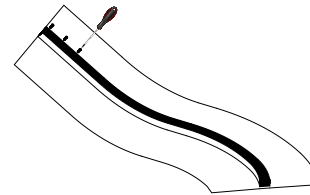
Step 1: Mark the installation area



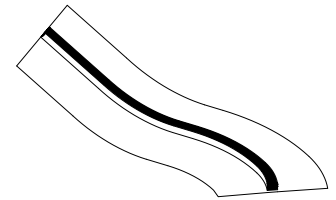
Step 2: If necessary drill a pilot hole.



Step 3: Fasten the mounting track with appropriate fixings (by others)



Step 4: Keep the track clear of debris before installing 3D Flex to avoid damage and water ingress.



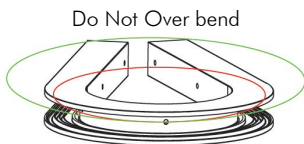
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3D Bendable Track Mounting Notes

Notas sobre el montaje de la pista flexible 3D

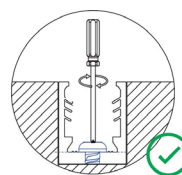
Notes relatives au montage des rails flexibles 3D

Ensure the mounting surface is level before installing each 3D Bendable Track. Suitable substrates include steel, aluminum, concrete, or wood. Use hardware, bolts, or screws (supplied by others) that are properly sized for the mounting bracket bases and appropriate for the installation surface.

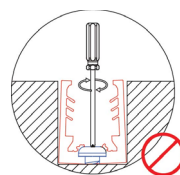


Bending Maximum

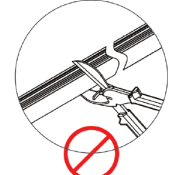
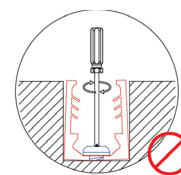
Vertical Bending	Ø 15 3/4" (400mm)
Horizontal Bending	Ø 31 1/2" (800mm)



Ensure the screw is properly installed.



Do not over tighten the screw, as this may crush the silicone housing or deform the profile's internal structure.



No cutting is advised, otherwise the metal inside will get rusted.

Installation Note: [The 3D Mounting Track is not suitable for ceiling installation.](#)

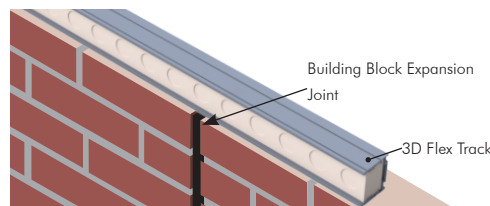
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Expansion Gap

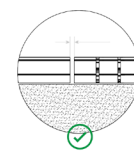
Brecha de expansión

Joint de dilatation

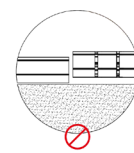
Leave around 3/16" (5mm) space between mounting track for an expansions gap.



Offset 3D Flex Track joints from structural expansion seams to prevent stress on the fixture.



NO Horizontal Misalignment



NO Vertical Misalignment

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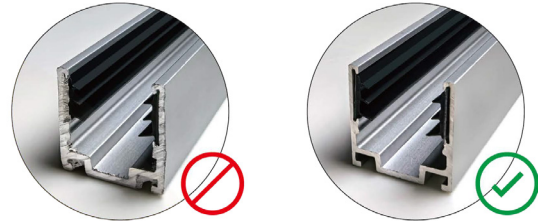
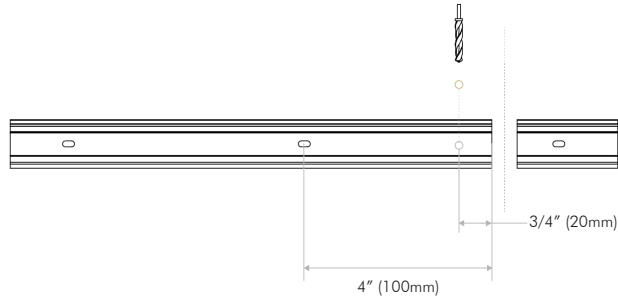
Fixed and Bendable Track Fabrication

Fabricación de rieles fijos y flexibles

Fabrication de rails fixes et flexibles

Cut the mounting track to the desired length.

If the section end is 4" (100 mm) from the hole, drill a 3/16" (5 mm) hole about 3/4" (20 mm) from the end to securely fasten the track.



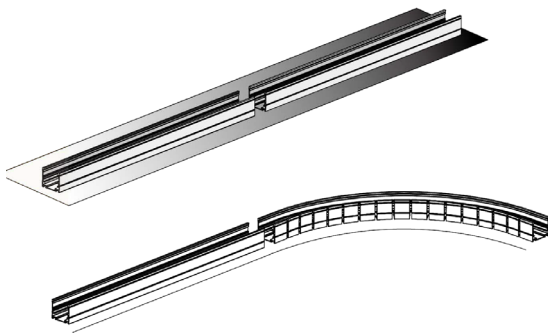
De-burr edges after cutting to protect the 3D Flex and prevent water ingress.

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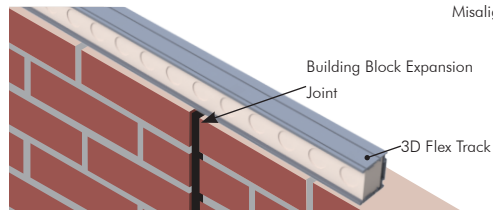
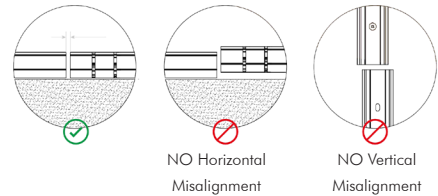
Expansion Gap

Brecha de expansión

Joint de dilatation



Leave around 3/16" (5mm) space between mounting track for an expansions gap.



Offset 3D Flex Track joints from structural expansion seams to prevent stress on the fixture.

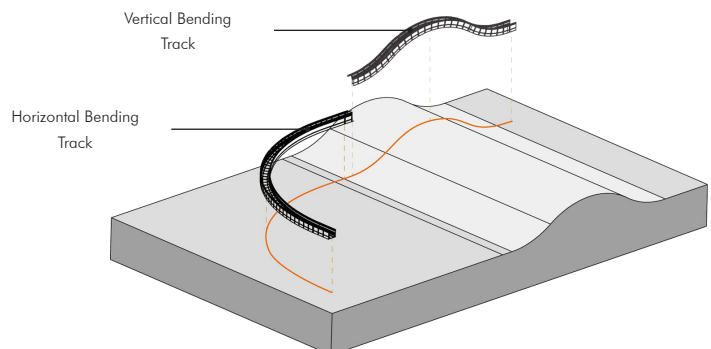
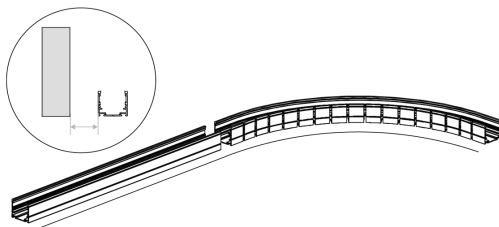
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Pre-Installation: Fixed and Bendable Track

Preinstalación: Riel fijo y flexible

Pré-installation : Rail fixe et rail flexible

Step 1: Mark the installation area, then position the mounting tracks along the outline.



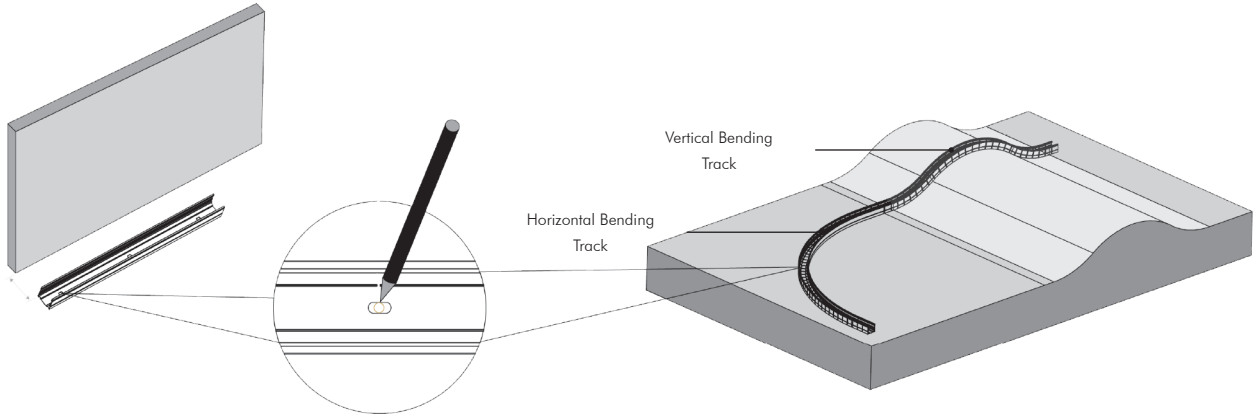
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Fixed and Bendable Track Installation

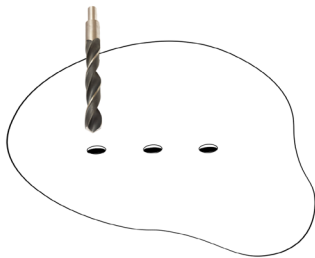
Instalación de rieles fijos y flexibles

Installation de rails fixes et flexibles

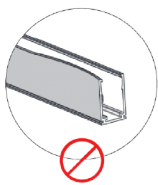
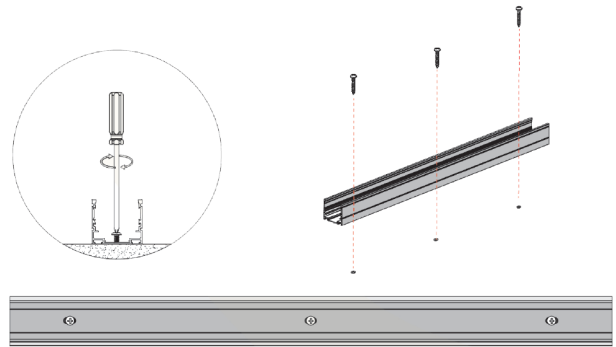
Step 2: Mark the fixing holes.



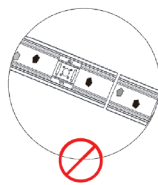
Step 3: If necessary drill a pilot hole.



Step 4: Fasten the mounting track with appropriate fixings (by others)



Do not use damaged or deformed mounting tracks.



Keep the track clear of debris before installing 3D Flex to avoid damage and water ingress.

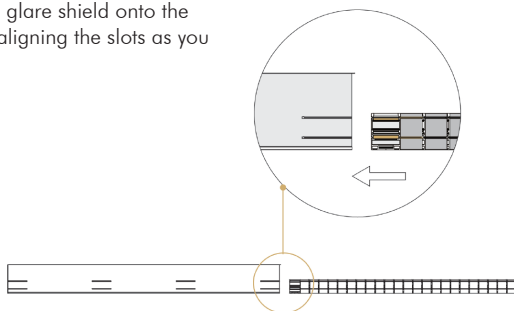
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Glare Shield

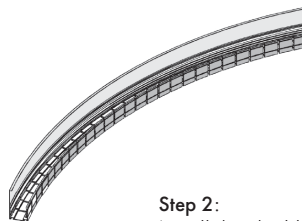
Protector antideslumbrante

Écran anti-éblouissement

Step 1: Slide the glare shield onto the mounting track, aligning the slots as you go.



Optional Accessory - Only suitable for Fixed Mounting Track, Fixed Mounting Track with Raceway & Bendable Track Horizontal



Step 2:

Install the shield first then bend the track. Minimum bending diameter: Ø 47-1/4" (1200 mm).

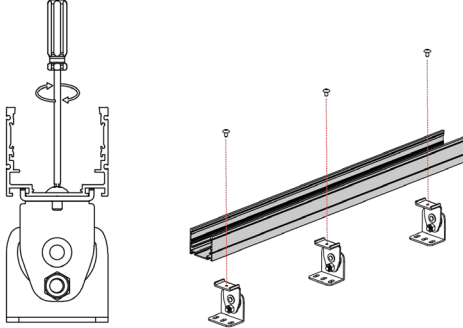
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Adjustable Mounting Bracket

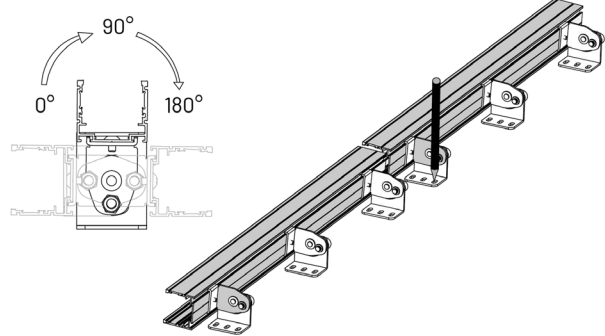
Soporte de montaje ajustable

Support de montage réglable

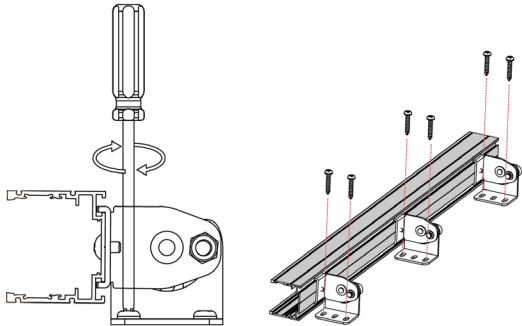
Step 1: Fasten 2–3 brackets per 39" (1 m) of track using supplied screws.



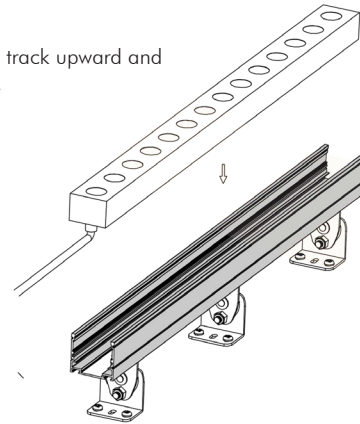
Step 2: Rotate the track to one side and mark the fixing locations.



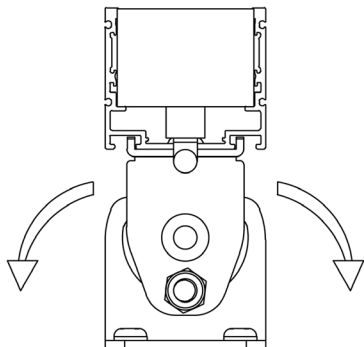
Step 3: Fasten the brackets with suitable fixings (by others).



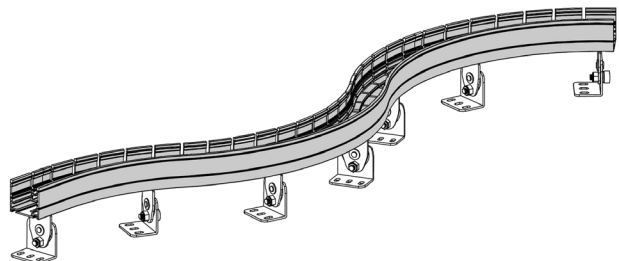
Step 4: Rotate the track upward and install the 3D Flex.



Step 5: Rotate the fixture to the required angle and tighten.



Note: Rotation is restricted when using bendable track



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3D Flex Unboxing

Desempaquetado de 3D Flex

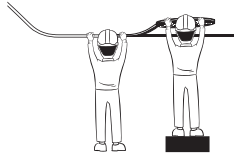
Déballage du 3D Flex

Step 1: Inspect Packaging Before Opening.

- Check for visible shipping damage.
- If damaged, photograph the package before opening and report immediately.

Step 3: Installation

- Hold the strip with two hands when moving.
- Do not install the 3D Flex into the mounting channel without assistance, and never bend the strip beyond its specified limits.
- **We Recommend using two people to install the fixture.**

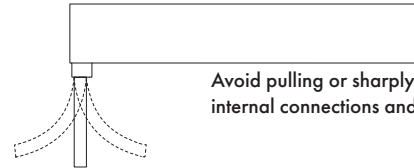


Step 2: Open Packaging and Remove Fixture Carefully

- Use a safety knife or scissors to cut tape, avoiding deep cuts that could damage the product inside.
- Do not use sharp tools near the 3D Flex LED surface.

Step 4: Feeder Cable Care

- The 3D Flex Graze feed cable must be handled with care to maintain integrity. Excessive bending, pulling, or stress at the cable entry point can compromise internal connections and degrade the IP-rated seal, resulting in potential failure of the luminaire.



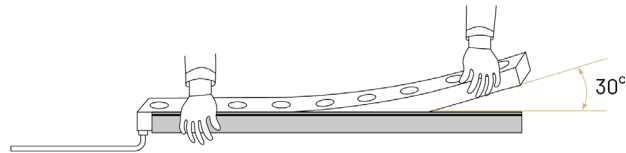
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3D Flex Installation

Instalación de 3D Flex

Installation 3D Flex

Step 1: When fitting the Flex ensure the angle between Flex and track does not exceed 30° to prevent damage to the PCB.



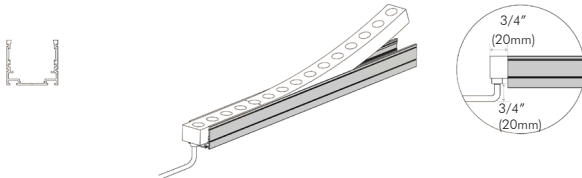
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Fixed & Bendable Mounting Track w/o Raceway

Instalación de 3D Flex en soportes de perfil fijo y flexible

Installation 3D Flex dans des supports de profilés fixes et pliables

Keep the angle between the 3D Flex and mounting track under 30° to prevent damage to the fixture.



Ensure the Flex is not pulled or placed under extra force.

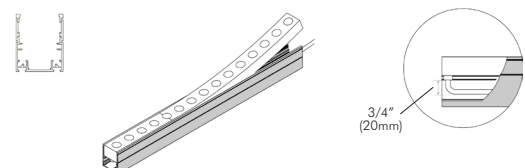
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Fixed & Bendable Mounting Track with Raceway

Instalación de 3D Flex en soportes fijos con perfil de canaleta

Installation 3D Flex en montage fixe avec supports profilés Raceway

Leave about 3/4" (20 mm) of 3D Flex extending beyond the end of a Track without a raceway.



Ensure the Flex is not pulled or placed under extra force.

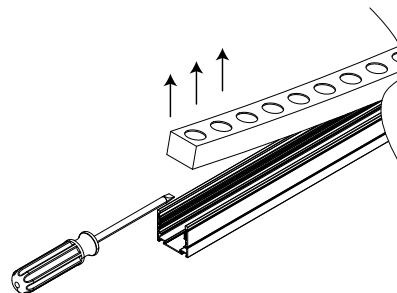
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Removing 3D Flex from Mounting Track

Cómo retirar el 3D Flex del riel de montaje

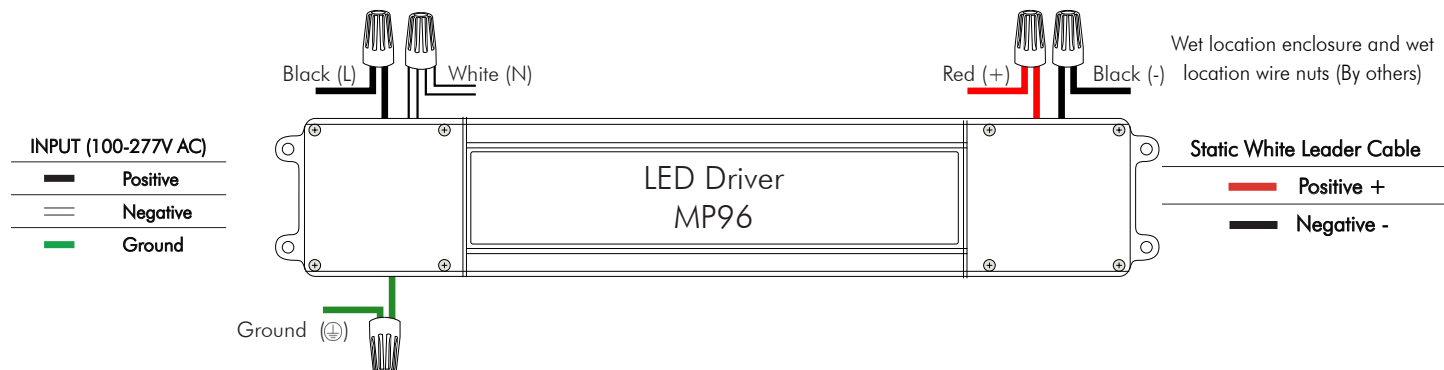
Retrait du 3D Flex du rail de montage

To remove the 3D Flex from the mounting track or bracket, gently insert a flat-head screwdriver between the bottom of the 3D Flex and the mounting surface, and carefully pry the fixture upward. Once the 3D Flex begins to lift out of the bracket, stop using the screwdriver and use your hands to pull the fixture out, maintaining approximately a 15° angle during removal.



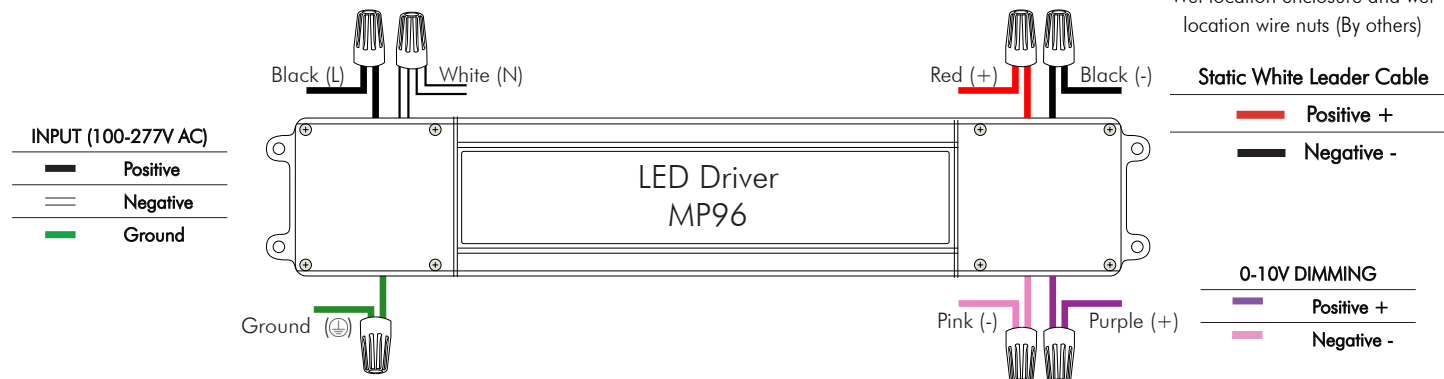
On/Off Wiring

Câblage marche/arrêt



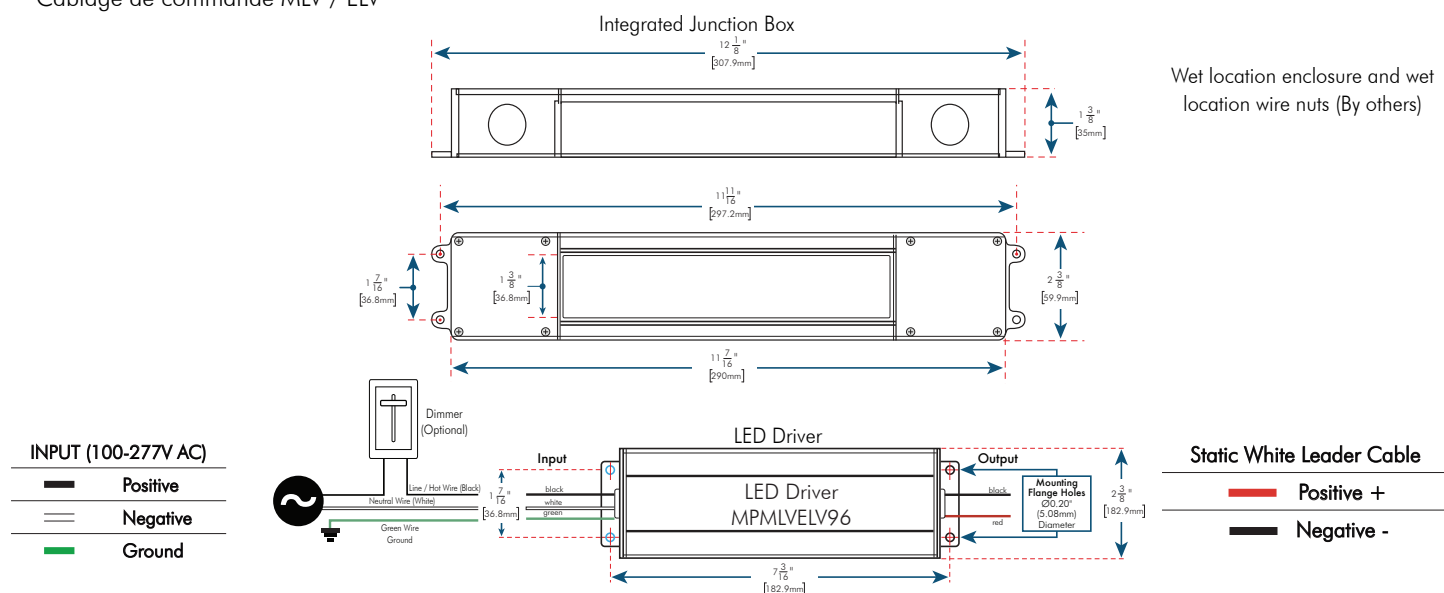
0-10V Control Wiring

Câblage de gradation 0-10V



MLV / ELV Control Wiring

Câblage de commande MLV / ELV

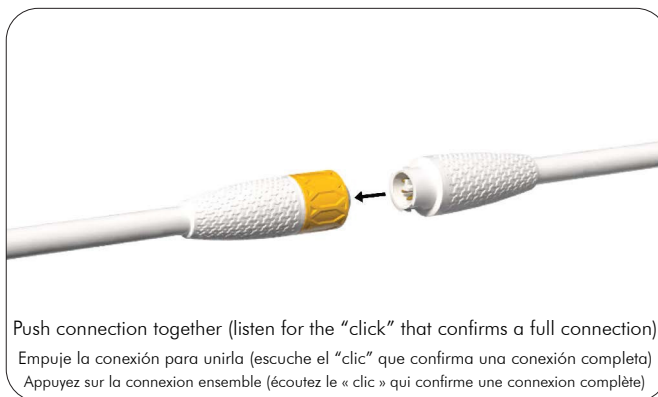
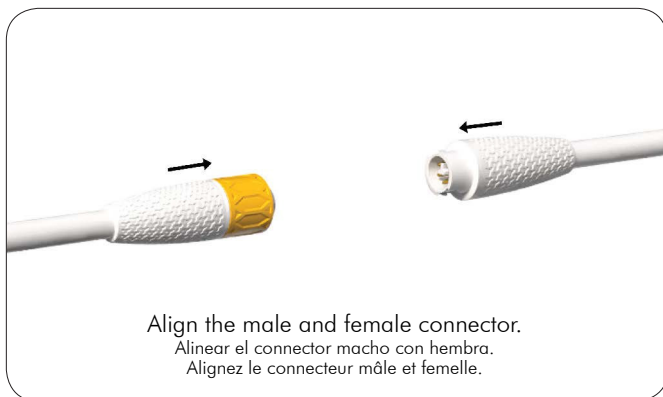


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Connect leader cable

Conectar el cable líder

Connectez chef de fil

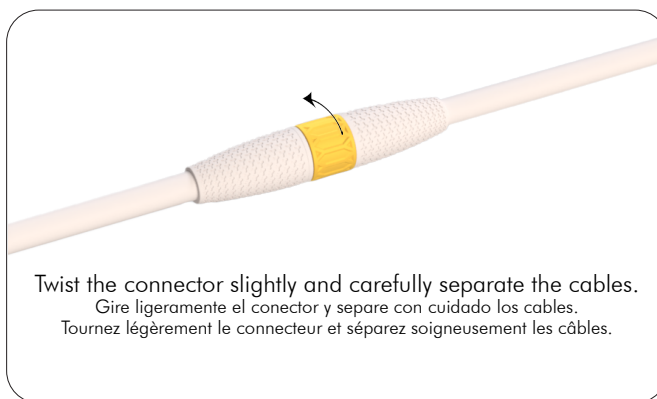


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Disconnect leader cable

Desconecte el cable guía

Débrancher le câble principal

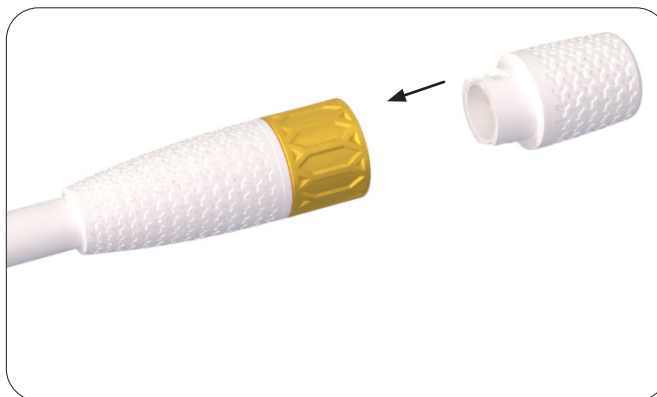


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Connect terminator

Conectar terminador

Connectez terminateur

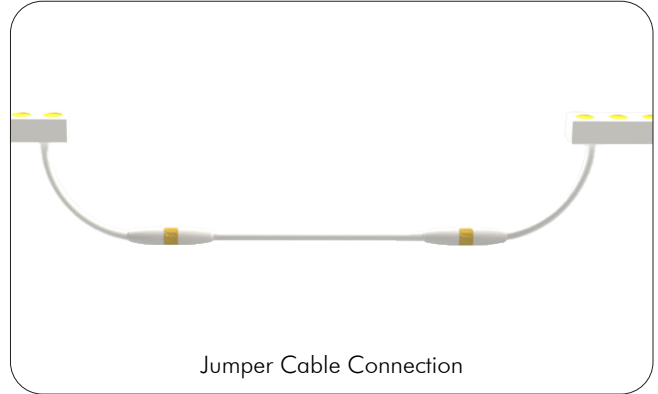
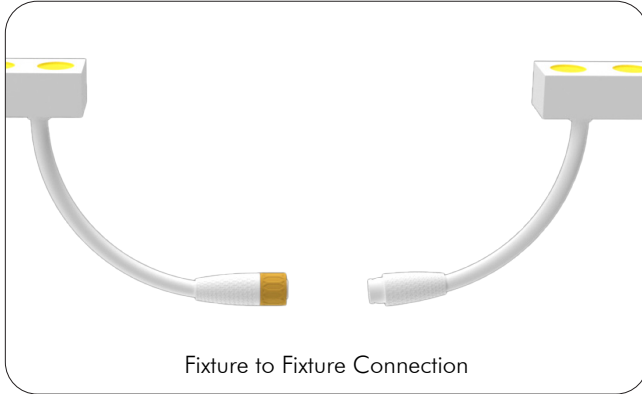


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Available Connections

Conexiones disponibles

Connexions disponibles

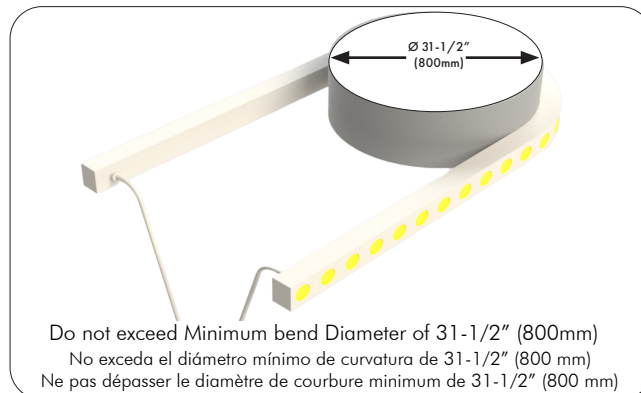
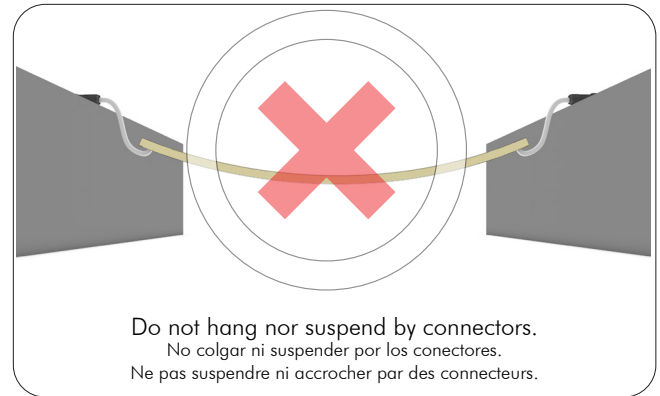
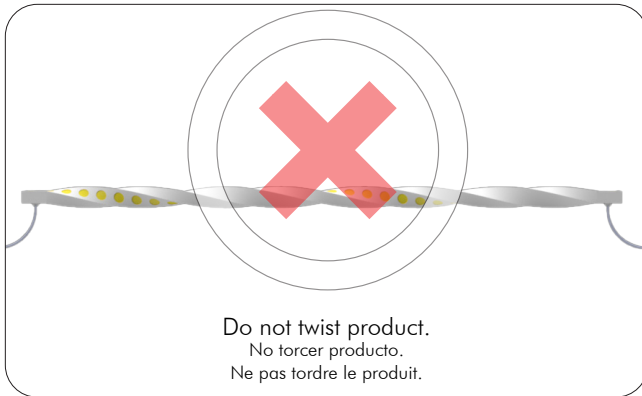


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WARNINGS!

ADVERTENCIAS!

AVERTISSEMENTS!

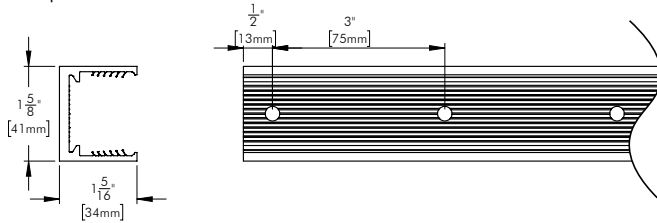


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3D Bendable Track

Pista flexible 3D

Piste pliable 3D

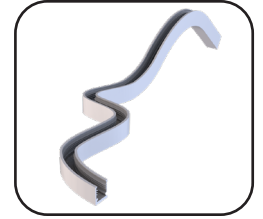


Bending Maximum

Vertical Bending	Ø 15 3/4" (400mm)
Horizontal Bending	Ø 31 1/2" (800mm)

Length

7 7/8" (200mm)	1ft 7 11/16" (500mm)	3ft 3 3/8" (1000mm)
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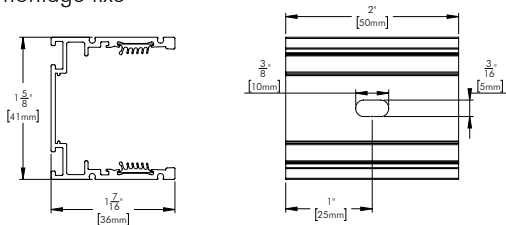


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Fixed Mounting Bracket

Soporte de montaje fijo

Support de montage fixe



Length

2" (50mm)

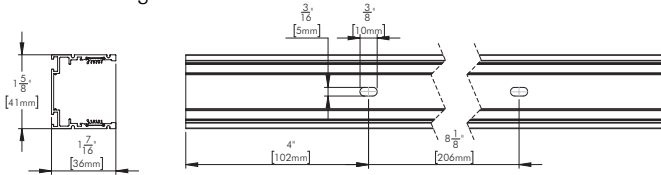


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Fixed Mounting Track

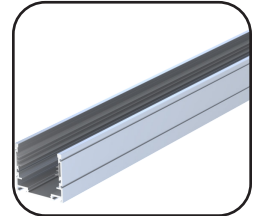
Carril de montaje fijo sin canalización

Rail de montage fixe sans chemin de roulement



Length

1ft 7 11/16" (500mm)	3ft 3 3/8" (1000mm)	6ft 6 3/4" (2000mm)
----------------------	---------------------	---------------------

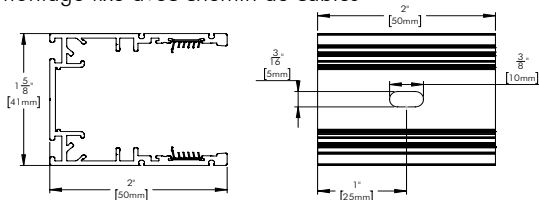


34

Fixed Mounting Bracket with Raceway

Soporte de montaje fijo con canaleta

Support de montage fixe avec chemin de câbles



Length

2" (50mm)

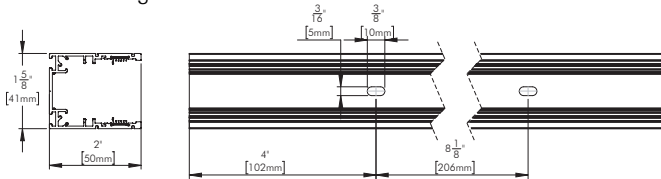


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Fixed Mounting Track with Raceway

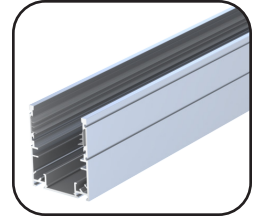
Carril de montaje fijo con canaleta

Rail de montage fixe avec chemin de roulement



Length

1ft 7 11/16" (500mm)	3ft 3 3/8" (1000mm)	6ft 6 3/4" (2000mm)
----------------------	---------------------	---------------------

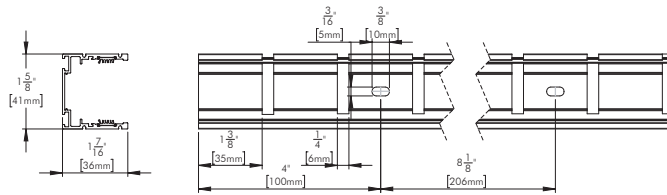


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Bendable Track - Horizontal

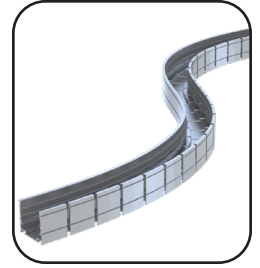
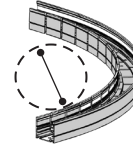
Pista flexible - Horizontal

Rail pliable - Horizontal



Length
3ft 3 3/8" (1000mm)

Horizontal Minimum Bend for Track:
Ø 47-1/4" (1200mm)

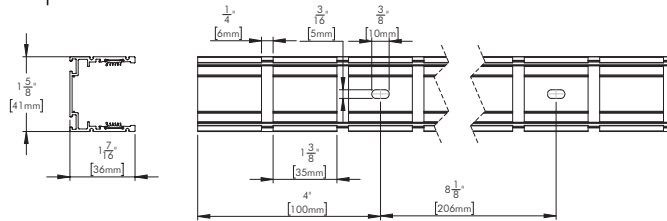


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Bendable Track - Vertical

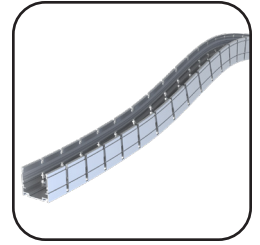
Pista flexible - Vertical

Rail pliable - Vertical



Length
3ft 3 3/8" (1000mm)

Vertical Minimum Bend for the Track:
Ø 78-3/4" (2000mm)

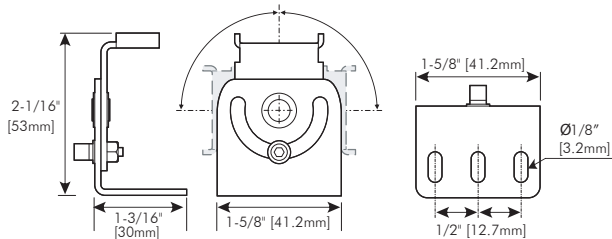


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Optional Accessories - Adjustable Mounting Bracket

Accesorios opcionales - Soporte de montaje ajustable

Accessoires en option - Support de montage réglable

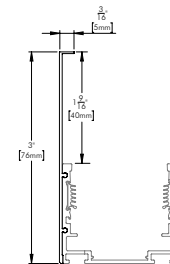


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Optional Accessories - Glare Shield

Accesorios opcionales - Protector antideslumbrante

Accessoires en option - Écran anti-éblouissement



Note: Not Compatible with
Vertical Bending Track
More Information on installing
[Glare Shield](#)

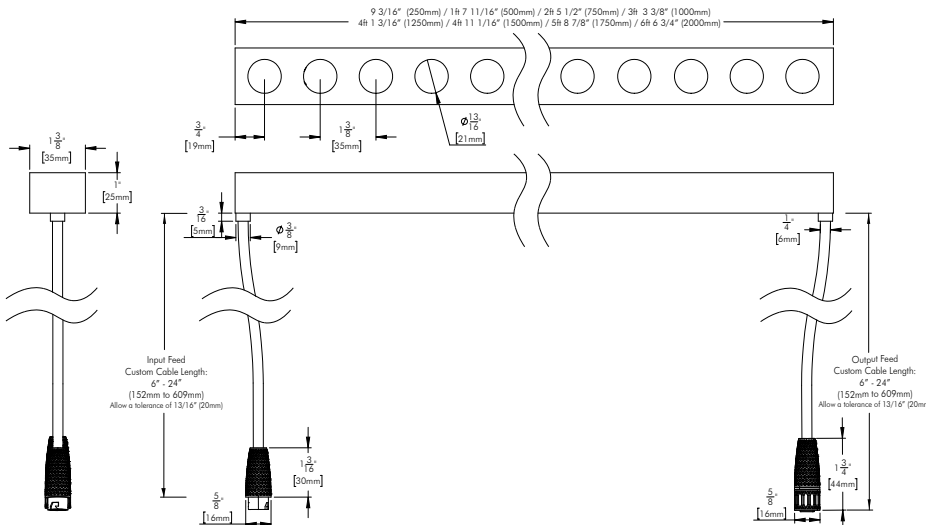


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3D Flex Graze and Wash

Iluminación de acento y de lavado 3D Flex

Éclairage d'accentuation et de lavage mural 3D Flex



LENGTHS /
WEIGHT

9 3/16" (250mm) 9.7oz (275g)	1ft 7 11/16" (500mm) 19.4oz (550g)
2ft 5 1/2" (750mm) 29.1oz (825g)	3ft 3 3/8" (1000mm) 38.8oz (1100g)
4ft 1 3/16" (1250mm) 48.5oz (1375g)	4ft 11 1/16" (1500mm) 58.2oz (1650g)
5ft 8 7/8" (1750mm) 67.9oz (1925g)	6ft 6 3/4" (2000mm) 77.6oz (2200g)

SPECIFICATIONS

PHYSICAL

Applications	Facade Grazing, Stairwell & Corridor Grazing Highlighting Stone, Brick & Masonry, Accent Plaster or Stucco Walls, Curved or Freeform Walls, Columns, Niches & Recesses, Niche & Cove Lighting with Sculptural Intent, Highlight Sculptures & Reliefs, Wall Murals & Textured Art Installations, Way-finding & Guidance Lighting
Dimensions	Width: 1 3/8" (35mm) Height: 1" (25mm) Length: See Line Drawing
Weight	11.8oz (335g) / 1ft See Lengths and Weight Table
Case Finish	White or Black
Construction	Silicone
Thermal Management	Cool to Touch, Free Air Convection
Fixture Connections	Injection-moulded Leader and Jumper cables
Operating Temperature	-40°~131°F (-40~55°C)
Ambient Installation Temp	>-40°F (>-40°C)
Storage Temperature	-40°F ~ 140°F (-40°C ~ 60°C)
Environment	Wet Location - Exterior, Interior UV Protected
IP Rating	IP67
Vibration	3G - ANSI C136.31 for bridge applications
IK Rating	IK08

MODA 3D FLEX GRAZE

Beam Angle	20°x20°, 20°x30°, 20°x50°
CCT	2700K, 3000K, 4000K
SDCM	2 Step MacAdam Ellipse
Lumen Maintenance	L70 - 50,000 Hours
Testing Data	LM79-19, LM-80-15

MODA 3D FLEX WASH

Beam Angle	30°x30°, 30°x60°
CCT	2700K, 3000K, 3500K, 4000K
SDCM	2 Step MacAdam Ellipse
Lumen Maintenance	L70 - 50,000 Hours
Testing Data	LM79-19, LM-80-15

DIMENSIONS AND WEIGHT

LENGTHS / WEIGHT	9 3/16" (250mm)	1ft 7 11/16" (500mm)	2ft 5 1/2" (750mm)	3ft 3 3/8" (1000mm)
	9.7oz (275g)	19.4oz (550g)	29.1oz (825g)	38.8oz (1100g)
	4ft 1 3/16" (1250mm)	4ft 11 1/16" (1500mm)	5ft 8 7/8" (1750mm)	6ft 6 3/4" (2000mm)
	48.5oz (1375g)	58.2oz (1650g)	67.9oz (1925g)	77.6oz (2200g)

ELECTRICAL

Input Voltage	24V DC
Power Consumption	7.3W/ft (0.304A)
Control	Dependant on driver

MAX CONTINUOUS RUN

96W Driver	11 1/2ft (3500mm)
Fixture Connections	Limited to 5 fixture connections

STANDARDS & CERTIFICATIONS

  		Tested to UL 2108, Edition 2 & CSA C22.2 NO. 250.2, 1st Ed., for use in USA & Canada. RoHS Compliant.
Certification		
Class	2	
Warranty	3 Year Limited Warranty	

⚠ 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 jacket or power cables are damaged.

No utilice el producto si la cobertura exterior o cables de energia están defectuosos!

Ne pas utiliser le produit si la veste ou les câbles d'alimentation sont endommagés!

⚠ Only use current/voltage listed for product.

Utilice únicamente la corriente/voltaje indicados para el producto.

Utilisez uniquement le courant/la tension indiqué pour le produit.

⚠ De-energized system before connecting or disconnecting product.

Desactive la energía del sistema antes de conectar o desconectar el producto.

Système hors tension avant de connecter ou de déconnecter le produit

⚠ Maximum recommended driver-to-fixture distance is 5 ft. Moda-manufactured power leads up to 6 ft are tested and approved for use only as provided. Any additional extension, modification, or use of third-party cabling beyond this configuration is not recommended and will void the warranty.

La distancia máxima recomendada entre el controlador y la luminaria es de 1,5 metros (5 pies). Los cables de alimentación fabricados por Moda, de hasta 1,8 metros (6 pies), están probados y aprobados para su uso únicamente en las condiciones especificadas. No se recomienda ninguna extensión, modificación o uso de cables de terceros que excedan esta configuración, ya que anulará la garantía.

La distance maximale recommandée entre le transformateur et le luminaire est de 1,5 mètre (5 pieds). Les câbles d'alimentation fabriqués par Moda, d'une longueur maximale de 1,8 mètre (6 pieds), sont testés et homologués pour une utilisation conforme aux instructions. Toute rallonge, modification ou utilisation de câbles tiers au-delà de cette configuration est déconseillée et annulera la garantie.

⚠ Do not bend product beyond the maximum bend diameter listed on the installation guide.

No doble el producto más allá del diámetro de curvatura máximo indicado en la guía de instalación.

Ne pliez pas le produit au-delà du diamètre de courbure maximal indiqué dans le guide d'installation.

⚠ Ensure all connections are fully seated and perform a pull test before powering on to prevent electrical arcing.

Asegúrese de que todas las conexiones estén completamente asentadas y realice una prueba de tracción antes de encender para evitar un arco eléctrico. Assurez-vous que toutes les connexions sont bien en place et effectuez un test de traction avant la mise sous tension pour éviter les arcs électriques.

⚠ 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 veillez à installer en conformité avec le code local.

⚠ Do not cut or modify the product.

No corte ni modifique el producto.

Ne pas couper ni modifier le produit.

⚠ Do not stare into beam.

No mire fijamente la luz.

Ne pas regarder le faisceau.

⚠ Use only compatible Moda Light drivers.

Utilice únicamente controladores Moda Light compatibles.

Utilisez uniquement des pilotes Moda Light compatibles.

⚠ Do not stand on product during installation.

No se pare sobre el producto durante la instalación.

Ne pas se tenir debout sur le produit pendant l'installation.

⚠ Do not exceed maximum run length specified for multiple pieces wired in line.

No exceda la longitud máxima especificada para piezas múltiples cableadas en línea.

Ne pas dépasser la longueur maximale spécifiée pour plusieurs pièces câblées en ligne.