

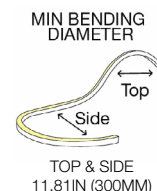
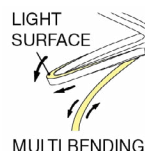
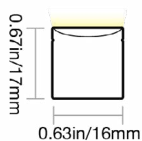


## MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



### PROFILE CAPABILITIES



### CERTIFICATIONS & FEATURES\*



### TEMPERATURES

#### AMBIENT OPERATING TEMPERATURE:

-40°F to 140°F (-40°C to 60°C)

#### AMBIENT INSTALLATION TEMPERATURE:

≥ 40°F (-40°C)

#### FIXTURE STORAGE TEMPERATURE:

-40°F to 140°F (-40°C to 60°C)

#### MAX MOUNTING SURFACE TEMPERATURE:

185°F (85°C)

#### HUMIDITY (NON-CONDENSING):

0-95%

#### THERMAL MANAGEMENT:

Free Air Convection

### FIXTURE ORDER CODE

| E                                       |                        | A                   |                  |                                       |           | B                                       |              |                                                                                                                                          |                            |
|-----------------------------------------|------------------------|---------------------|------------------|---------------------------------------|-----------|-----------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| INPUT CONNECTORS                        |                        | SERIES              | MATERIAL         | PROFILE                               | BENDING   | JACKET/BASE + LENS COLOR                | LED FUNCTION | LED COLOR                                                                                                                                | CHIP + CRI                 |
| See Page 4 to to select input connector |                        | M = Multiflex       | 1 = Silicone     | L = Orbit                             | 3 - Multi | E = White Jacket/ Black Base + Diffused | 1 = Static   | B = Blue<br>C = Green<br>E = Red<br>H = 2200K<br>3 = 2400K<br>J = 2700K<br>L = 3000K<br>M = 3500K<br>N = 4000K<br>P = 5000K<br>Q = 5700K | A = Pro LED Chip + CRI90   |
| C                                       |                        | D                   | E                |                                       | F         |                                         | G            |                                                                                                                                          |                            |
| POWER                                   | VOLTAGE + CIRCUIT TYPE | ORDER UNIT LENGTH   | PROFILE SPECIFIC | OUTPUT CONNECTOR                      |           | MOUNTING PROFILE                        |              | MOUNTING ACCESSORIES                                                                                                                     | POWER SUPPLIES & CONTROLS: |
| D = 2.43W/ft (8W/m)                     | 3V = 24V DC CV         | S = 1.78in (45.4mm) | H = Eco          | See Page 4 to select output connector |           | See Page 7 to select mounting profiles  |              | See Page 11 to select accessory                                                                                                          | By Others<br>By GLLS       |

\*Maximum IP and IK ratings achievable with appropriate accessories, and cable diameter: Silicone Static = 0.26in (6.5mm).

# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



A

## MECHANICAL

### ASSEMBLY

Fixtures are carefully assembled using high-quality components to ensure durability and performance. Each unit is built to meet strict specifications, with attention to electrical safety, thermal management, and optical alignment.

### OVERALL & CUTTING LENGTHS

Fixtures feature defined overall lengths and specific cutting increments for easy customization. Cutting must be done at marked points to maintain proper function and consistent light output.

### JACKET COLOR

The white jacket, black base with diffused lens cover provides a clean, uniform appearance while softening light output for reduced glare. It enhances visual comfort and delivers smooth, even illumination ideal for architectural and display applications.

### BENDING RADIUS

Do not bend smaller than allowed minimum bend diameter, or may cause damage to the light & void warranty.

## OPERATION

### LIGHT ENGINE

Static Pulse Width Modulation (PWM) light engines deliver stable, flicker-free light at a fixed brightness. They offer consistent color and reliable performance for long-term applications.

### ELECTRICAL

Designed to meet UL, CE, and RoHS standards, they feature overload, overvoltage, and short-circuit protection, along with low EMI and efficient thermal management for safe, reliable operation.

### DIMMING

Dimming of 24V PWM fixtures is achieved via the driver or decoder used in the system. Depending on the selected driver/decoder, control options can include 0–10V, DMX, or DALI, enabling smooth, flicker-free dimming while maintaining consistent color and performance. Note: DMX and DALI are supported at the system level, not natively by the fixture.

## GENERAL

### WARRANTY

Limited 10-Year Warranty against defects in materials and manufacturing. Coverage applies to properly installed and maintained products. Damage from misuse or improper installation is not covered. GLLS may repair, replace, or issue credit for eligible claims.

### LUMEN MAINTENANCE

GLLS static lighting fixtures are tested to IES LM-84 and projected with IES TM-28 to ensure consistent lumen maintenance. Fixtures are designed to retain at least 70% of their initial brightness (L70) over a 10-year lifespan when properly installed and operated.

### CERTIFICATION

Tested to UL2108 Class 2 by Underwriters Laboratory for use in the USA and Canada. Exceeds ANSI C78.377A, CE, and RoHS standards. Must be used under Class 2 ratings to maintain certification.

UL Certificate #: E347880

Report Reference #: E347880-20130503

## TESTING

### OPTICAL TESTING

| TEST                         | RESULTS                                              |
|------------------------------|------------------------------------------------------|
| Spectrum Analysis            | IES LM 79<br>(Lumen, CCT, CRI, XY, SDCM, Wavelength) |
| Photometric Distribution     | IES LM 79                                            |
| Lumen Maintenance & Lifetime | IES LM 84 & IES TM28                                 |

### TEMPERATURE TESTING

| TEST                    | RESULTS                                      |
|-------------------------|----------------------------------------------|
| Normal Temperature Test | UL1598 & UL2388 & IEC60598-1 & IEC60598-2-21 |
| Abnormal Operation Test | UL1598 & UL2388 & IEC60598-1 & IEC60598-2-21 |

### ENVIRONMENTAL TESTING

| TEST                              | RESULTS                                                           |
|-----------------------------------|-------------------------------------------------------------------|
| Salt Water Immersion              | IEC60598-1, Saltinity 4%                                          |
| Salt Spray Test                   | IEC60068-2-11                                                     |
| Outdoor Exposure                  | Manufacturer-defined                                              |
| Flame Resistance                  | UL94                                                              |
| UV Exposure                       | ASTMG 154, ISO 4892-3, UVA @ 340nm & 55                           |
| IPX8                              | EN 60598-1: 2015+A1:2018 Clause 9.2.2 & 9.2.8                     |
| Temperature Shock(Silicone)       | Manufacturer-defined, -40°C - 60°C<br>(typical temperature range) |
| Constant Temperature              | Manufacturer-defined                                              |
| 12mm Needle Flame Test (Silicone) | IEC60695-11-5                                                     |
| 650 Glow-wire Test (Silicone)     | IEC60695-2-10                                                     |

### DURABILITY TESTING

| TEST         | RESULTS                                             |
|--------------|-----------------------------------------------------|
| Bending Test | Manufacturer-defined, 500 cycles                    |
| Tensile Test | Manufacturer-defined, > The weight of light in max. |
| Twist Test   | Manufacturer-defined, >200 cycles                   |
| Ball Impact  | UL1598 & UL2388 & IEC60598-1 & IEC60598-2-21        |
| IK           | IEC62262                                            |



# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



## B

### LED COLORS



### FIXTURE SPECIFICATIONS & OPTICAL PARAMETERS

| COLOR | LED COUNT                  | 1 CONNECTOR<br>FULL/DYNAMIC* | 2 CONNECTORS<br>FULL/DYNAMIC* | UL CLASS 2<br>MAX RUN | FIXTURE COLOR<br>TOLERANCE** | WAVELENGTH/<br>CCT | LED CRI | LED COLOR<br>TOLERANCE | LUMEN<br>COUNT         | LEGACY<br>ORDER CODE |
|-------|----------------------------|------------------------------|-------------------------------|-----------------------|------------------------------|--------------------|---------|------------------------|------------------------|----------------------|
| RED   | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 620-630nm          | N/A     | N/A                    | >58lm/ft<br>(190lm/m)  | MF23K3012WRER24DV    |
| GREEN | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 512-522nm          | N/A     | N/A                    | >165lm/ft<br>(540lm/m) | MF23K3012WGRR24DV    |
| BLUE  | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 464-474nm          | N/A     | N/A                    | >34lm/ft<br>(110lm/m)  | MF23K3012WBLR24DV    |
| 2200K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 2200±82K           | N/A     | N/A                    | >183lm/ft<br>(600lm/m) | MF23K3012W22R24DV    |
| 2400K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 2400±100K          | N/A     | N/A                    | >183lm/ft<br>(600lm/m) | MF23K3012W24R24DV    |
| 2700K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 2700±115K          | N/A     | N/A                    | >189lm/ft<br>(620lm/m) | MF23K3012W27R24DV    |
| 3000K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 3000±140K          | N/A     | N/A                    | >189lm/ft<br>(620lm/m) | MF23K3012W30R24DV    |
| 3500K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 3500±170K          | N/A     | N/A                    | >189lm/ft<br>(620lm/m) | MF23K3012W35R24DV    |
| 4000K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 4000±225K          | N/A     | N/A                    | >189lm/ft<br>(620lm/m) | MF23K3012W40R24DV    |
| 5000K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 5000±300K          | N/A     | N/A                    | >189lm/ft<br>(620lm/m) | MF23K3012W50R24DV    |
| 5700K | 46 LEDs/ft<br>(154 LEDs/m) | 32.8ft (10m) / N/A           | 32.8ft (10m) / N/A            | 40ft (12m)            | N/A                          | 5700±355K          | N/A     | N/A                    | >186lm/ft<br>(610lm/m) | MF23K3012W57R24DV    |

\*Run length is based on a static full load with voltage drop calculated using a 0.3 m (0.98 ft) cable with silicone seamless connectors, excluding connector length—refer to specifications for details.  
\*\*Silicone products maintain ≤3 SDCM within a single production run and <5 SDCM between production runs.

## C

### POWER & VOLTAGE

| COLOR | VOLTAGE + CIRCUIT TYPE | POWER CONSUMPTION |
|-------|------------------------|-------------------|
| RED   | 24V DC CV              | 2.43W/ft (8W/m)   |
| GREEN |                        | 2.43W/ft (8W/m)   |
| BLUE  |                        | 2.43W/ft (8W/m)   |
| 2200K |                        | 2.43W/ft (8W/m)   |
| 2400K |                        | 2.43W/ft (8W/m)   |
| 2700K |                        | 2.43W/ft (8W/m)   |
| 3000K |                        | 2.43W/ft (8W/m)   |
| 3500K |                        | 2.43W/ft (8W/m)   |
| 4000K |                        | 2.43W/ft (8W/m)   |
| 5000K |                        | 2.43W/ft (8W/m)   |
| 5700K |                        | 2.43W/ft (8W/m)   |



# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



## D

### CUTTING INSTRUCTIONS

| COLOR | ORDER UNIT (CUTTING UNIT) |
|-------|---------------------------|
| RED   | 1.78in (45.4mm)           |
| GREEN |                           |
| BLUE  |                           |
| 2200K |                           |
| 2400K |                           |
| 2700K |                           |
| 3000K |                           |
| 3500K |                           |
| 4000K |                           |
| 5000K |                           |
| 5700K |                           |
|       |                           |

## E

### COMPATIBLE CONNECTORS

#### INPUT - 01

| PROFILE | BENDING | WIRING | INPUT CONNECTOR TYPE | INPUT ORIENTATION + TYPE | INPUT CABLE LENGTH (LEAD WIRE) |
|---------|---------|--------|----------------------|--------------------------|--------------------------------|
|---------|---------|--------|----------------------|--------------------------|--------------------------------|

#### OUTPUT - 02

| PROFILE   | BENDING   | WIRING                                   | OUTPUT CONNECTOR TYPE | OUTPUT ORIENTATION + TYPE                                                                   | OUTPUT CABLE LENGTH (LEAD WIRE)                                                                                                                    |
|-----------|-----------|------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| L = Orbit | 3 = Multi | 1 = 2 Wire (Static)<br>0 = N/A (End Cap) | 2 = Silicone Seamless | A = End Exit<br>B = Bottom Exit<br>C = Side Left Exit<br>D = Side Right Exit<br>I = End Cap | 1 = 0.98ft (0.3m)<br>2 = 3.28ft (1m)<br>3 = 9.84ft (3m)<br>4 = 16ft (5m)<br>5 = 32.81ft (10m)<br>6 = 49.21ft (15m)<br>7 = 65.62ft (20m)<br>8 = N/A |

### LEGACY CONNECTOR ORDER CODE

| FA                       | 24L           | 2         | 01             | XX                              | SE             | X                                                                                             | XX                                                                                              | XXX                                                                                                                          | X                                                 |
|--------------------------|---------------|-----------|----------------|---------------------------------|----------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| PRODUCT TYPE             | PROFILE       | BENDING   | LIGHT EMITTING | FUNCTIONALITY                   | CONNECTOR TYPE | FIXTURE END                                                                                   | EXIT TYPE                                                                                       | LENGTH                                                                                                                       |                                                   |
| FA = Factory Accessories | 24L = OrbitLS | 2 = Multi | 01 = 24L       | 2W = Static<br>0W = For End Cap | SE = Seam-less | 1 = Input Side<br>2 = Output Side<br>0 = Jumpers/T-feeds/<br>Seamless Bottom/<br>Seamless End | EN = End<br>BO = Bottom<br>SL = Side Left<br>SR = Side Right<br>TF = Power Feed<br>EC = End Cap | 0M3 = 0.98ft (30cm)<br>01M = 3.28ft (1m)<br>03M = 9.84ft (3m)<br>05M = 16ft (5m)<br>10M = 32.81ft (10m)<br>000 = For End Cap | P = Power or For<br>End Cap<br>S = Signal & Power |



# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



E

## SILICONE SEAMLESS CONNECTOR

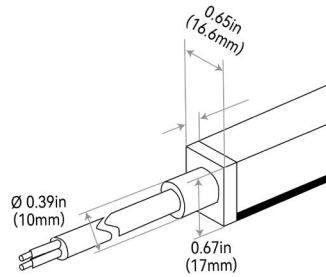


### NOTES:

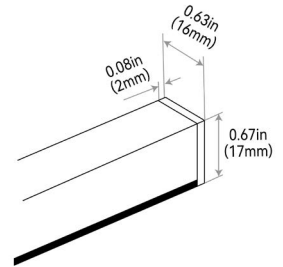
1. Connector tolerance  $\pm 0.02$ in (0.5mm)
2. Cable diameter: silicone Static = 0.26in (6.5mm);
3. Do not apply force to the feed cable
4. Ensure max. cable lengths are followed according to wire gage to avoid voltage drop

IP68; seamless; precise low profile dimension; high grade quality silicone & anti-wicking ferrule. Recommended for; wet environments; custom predetermined lengths; high/ low temperatures; increased humidity; direct UV exposure; harsh working conditions & increased handling forces during installation. Precision milling and special glue Silicone liquid injection-moulded workmanship enables an almost consistent size between connectors and light body, and the transparent terminal of the connector allows the seamless effects spliced end by end. DryWire technology applied on the cable eliminates the capillary phenomenon through wires, which secured the long-term reliability in outdoor or any wet environments. Custom factory assembly.

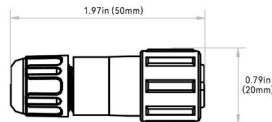
## END EXIT: L312A#



## END CAP: L302I8

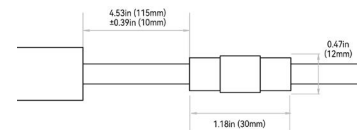


## SCREW LOCK CONNECTOR ACCESSORY - IP67



NOTE: The tolerance is  $\pm 0.08$ in (2mm).

## ANTI-WICKING FERRULE:



### NOTES:

1. The anti-wicking ferrule is located at 4.53in (115mm) ( $\pm 0.39$ in [ $\pm 10$ mm]) tolerance) from the connector on the cable. For protection against water ingress.
2. The removal of anti-wicking ferrule will void the warranty if any water ingress caused by it.



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GLLS reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance. REV. 20260604

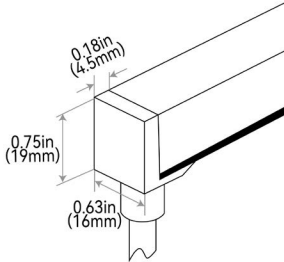
# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors

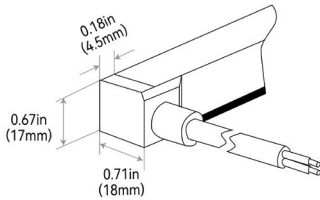


E

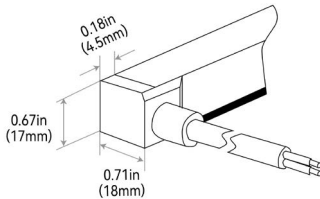
BOTTOM EXIT: L312B#



SIDE LEFT EXIT: L312C#



SIDE RIGHT EXIT: L312D#



# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



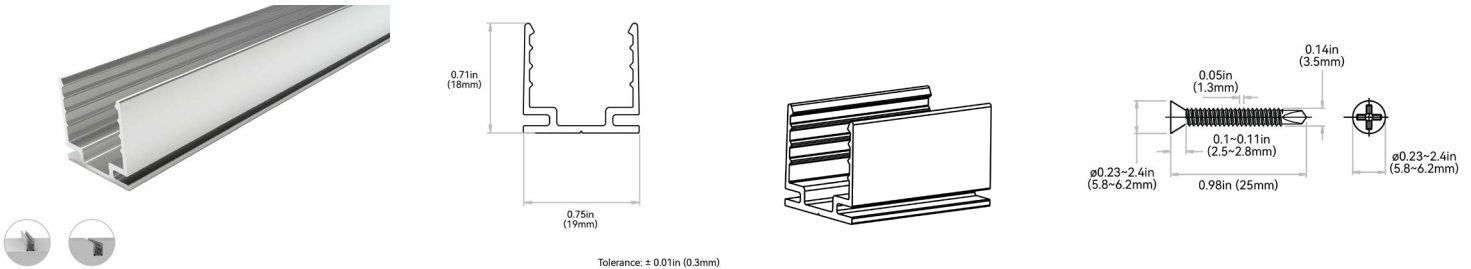
## F

### MOUNTING PROFILES

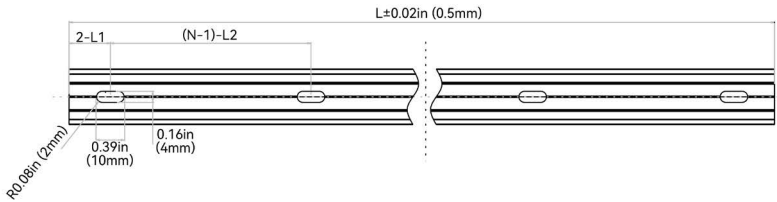
| MOUNTING PROFILE TYPE                | STANDARD LENGTH                                                                                              | PROFILE   | COLOR                                | BEND      |  |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------|-----------|--|
| A1 = Aluminum Basic                  | 2 = 1.38in (35mm)<br>3 = 19.68in (500mm)<br>5 = 39.37in (1000mm)<br>6 = 78.74in (2000mm)                     | L = Orbit | 1 = Standard                         | 3 = Multi |  |
| A2 = Aluminum Recessed               | 2 = 1.38in (35mm)<br>3 = 19.68in (500mm)<br>5 = 39.37in (1000mm)<br>6 = 78.74in (2000mm)                     |           |                                      |           |  |
| A4 = Aluminum Silicone Grip          | 1 = 0.79in (20mm)<br>3 = 19.68in (500mm)<br>5 = 39.37in (1000mm)<br>6 = 78.74in (2000mm)                     |           |                                      |           |  |
| A3 = Aluminum Recessed Silicone Grip | 1 = 0.79in (20mm)<br>3 = 19.68in (500mm)<br>5 = 39.37in (1000mm)<br>6 = 78.74in (2000mm)                     |           |                                      |           |  |
| A5 = Aluminum Flexible               | 3 = 19.68in (500mm)<br>5 = 39.37in (1000mm)                                                                  |           | 2 = Black<br>3 = White<br>0 = Custom |           |  |
| C1 = Silicone Flexible               | F = 2.17in (55mm)<br>B = 4.33in (110mm)<br>C = 7.87in (200mm)<br>3 = 19.68in (500mm)<br>5 = 39.37in (1000mm) |           |                                      |           |  |

### ALUMINUM PROFILE - BASIC

High-quality 6063 aluminum with thin-wall, light-weight design to fit the fixture tightly. It is deformation and rust resistant, and cost-effective. Please refer to install manual for proper installation practices.



NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile. "N" hereby stands for its corresponding "Hole Number" in the below table



| ORDER CODE | STANDARD LENGTH  | L1              | L2             | SLOTTED HOLE         | HOLE # |
|------------|------------------|-----------------|----------------|----------------------|--------|
| A12L13     | 1.38in (35mm)    | 0.69in (17.5mm) | N/A            | 0.16*0.39in (4*10mm) | 1      |
| A13L13     | 19.68in (500mm)  | 1.97in (50mm)   | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 3      |
| A15L13     | 39.37in (1000mm) | 3.93in (100mm)  | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 5      |
| A16L13     | 78.74in (2000mm) | 3.93in (100mm)  | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 10     |



# MULTIFLEX ORBIT: SILICONE - 24V

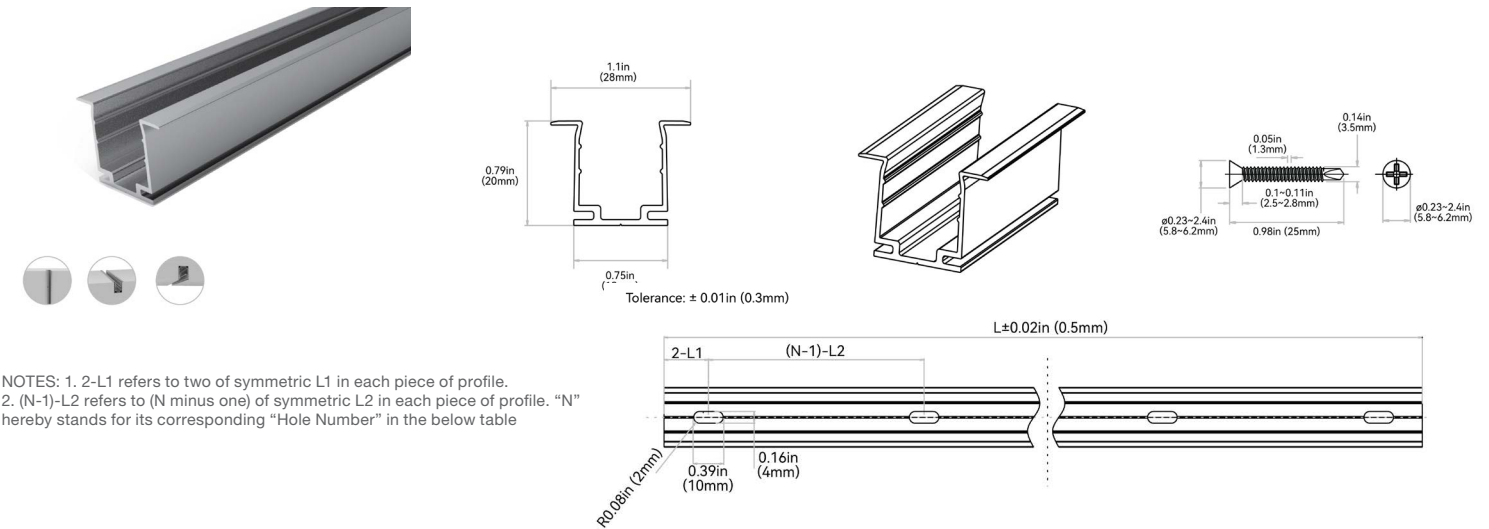
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



## F

### ALUMINUM PROFILE - RECESSED

High-quality 6063 aluminum with thin-wall, light-weight design to fit the fixture tightly. Recommended on projects with lighting mounted recessed in a cavity so only the lens is shown. It is deformation and rust resistant, and cost-effective. Please refer to install manual for proper installation practices.

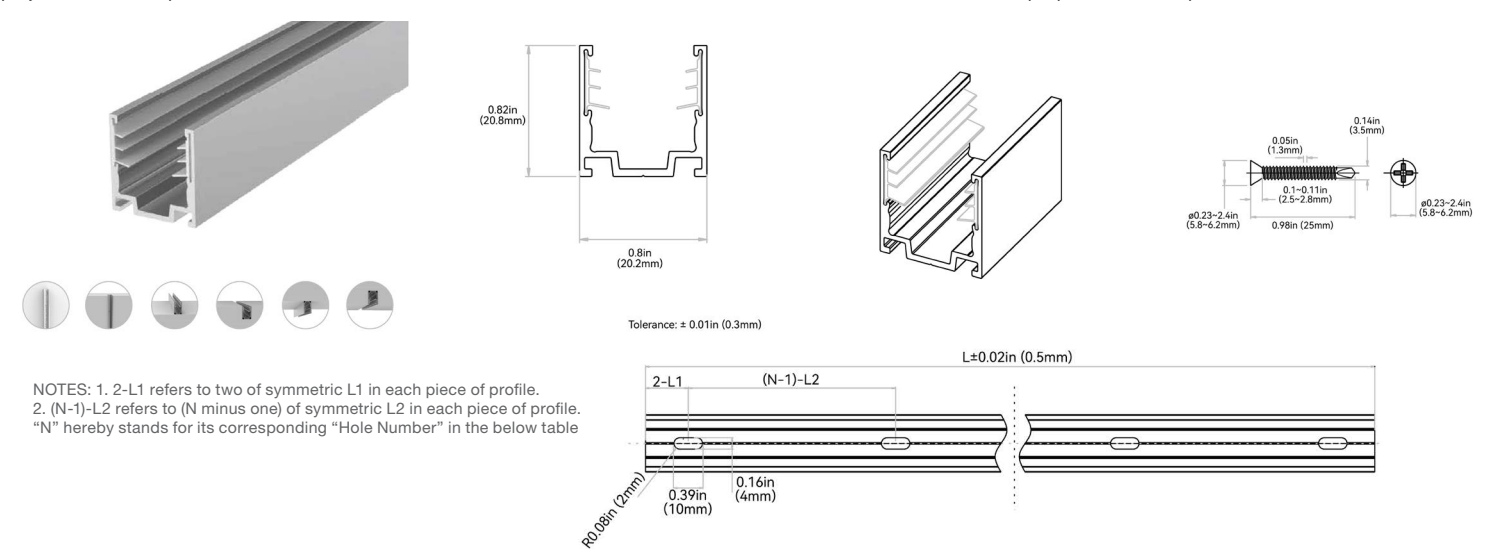


NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile. "N" hereby stands for its corresponding "Hole Number" in the below table

| ORDER CODE | STANDARD LENGTH  | L1              | L2             | SLOTTED HOLE         | HOLE # |
|------------|------------------|-----------------|----------------|----------------------|--------|
| A22L13     | 1.38in (35mm)    | 0.69in (17.5mm) | N/A            | 0.16*0.39in (4*10mm) | 1      |
| A23L13     | 19.68in (500mm)  | 1.97in (50mm)   | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 3      |
| A25L13     | 39.37in (1000mm) | 3.93in (100mm)  | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 5      |
| A26L13     | 78.74in (2000mm) | 3.93in (100mm)  | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 10     |

### ALUMINUM PROFILE - SILICONE GRIP

High-quality 6063 aluminum with thin-wall, light-weight design. Includes a serated silicone grip insert designed to hold fixture with additional force. Recommended on projects mounted upside down. It is deformation and rust resistant, and cost-effective. Please refer to install manual for proper installation practices.



NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile. "N" hereby stands for its corresponding "Hole Number" in the below table

| ORDER CODE | STANDARD LENGTH  | L1             | L2             | SLOTTED HOLE         | HOLE # |
|------------|------------------|----------------|----------------|----------------------|--------|
| A41L13     | 0.79in (20mm)    | 0.39in (10mm)  | N/A            | 0.16*0.39in (4*10mm) | 1      |
| A43L13     | 19.68in (500mm)  | 1.97in (50mm)  | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 3      |
| A45L13     | 39.37in (1000mm) | 3.93in (100mm) | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 5      |
| A46L13     | 78.74in (2000mm) | 3.93in (100mm) | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 10     |

# MULTIFLEX ORBIT: SILICONE - 24V

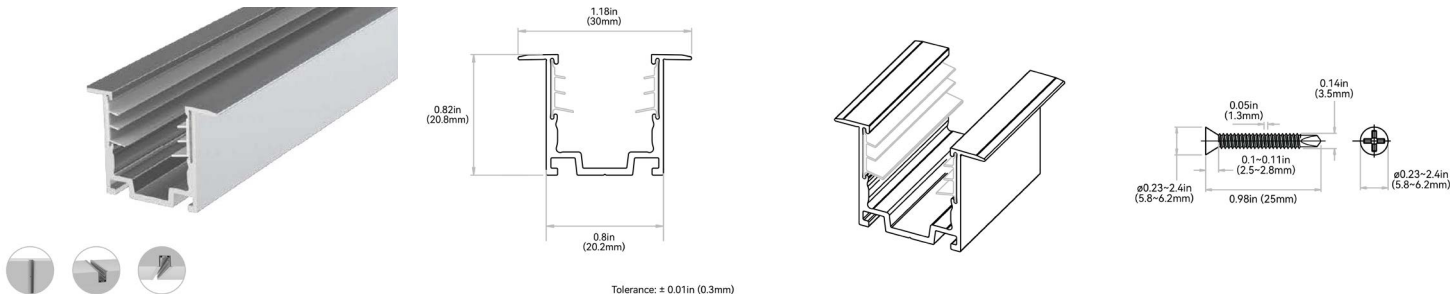
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



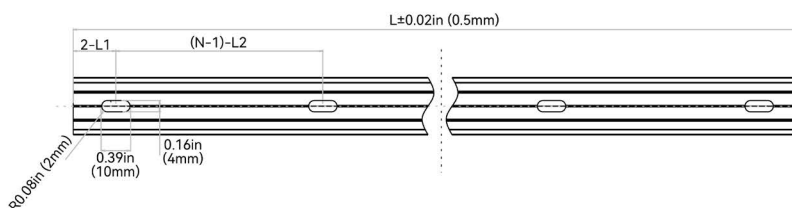
F

## ALUMINUM PROFILE - RECESSED - SILICONE GRIP

High-quality 6063 aluminum with thin-wall, light-weight design to fit the fixture tightly. Recommended on projects with lighting mounted recessed in a cavity so only the lens is shown. It is deformation and rust resistant, and cost-effective. Please refer to install manual for proper installation practices.



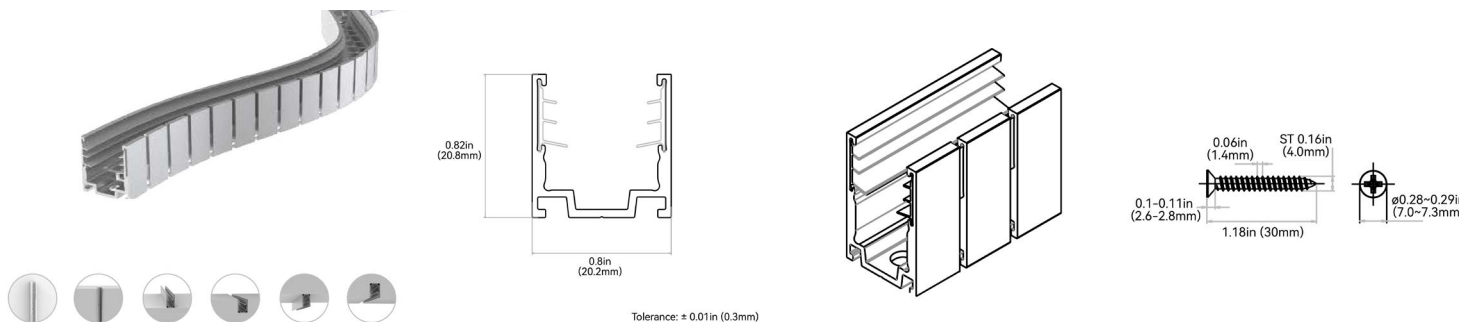
NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.  
"N" hereby stands for its corresponding "Hole Number" in the below table



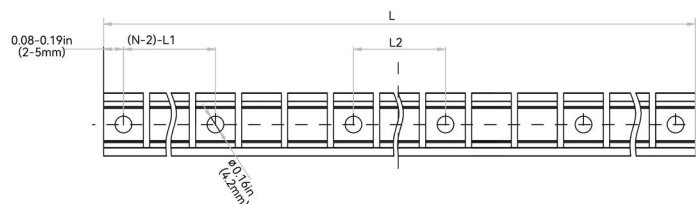
| ORDER CODE | STANDARD LENGTH  | L1             | L2             | SLOTTED HOLE         | HOLE # |
|------------|------------------|----------------|----------------|----------------------|--------|
| A31L13     | 0.79in (20mm)    | 0.39in (10mm)  | N/A            | 0.16*0.39in (4*10mm) | 1      |
| A33L13     | 19.68in (500mm)  | 1.97in (50mm)  | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 3      |
| A35L13     | 39.37in (1000mm) | 3.93in (100mm) | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 5      |
| A36L13     | 78.74in (2000mm) | 3.93in (100mm) | 7.87in (200mm) | 0.16*0.39in (4*10mm) | 10     |

## ALUMINUM PROFILE - FLEXIBLE

High-quality 6063 aluminum with thin-wall, light-weight design to fit the fixture tightly. It is deformation and rust resistant, and cost-effective. Please refer to install manual for proper installation practices.



NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.  
"N" hereby stands for its corresponding "Hole Number" in the below table



| ORDER CODE | STANDARD LENGTH  | L1               | L2              | SLOTTED HOLE     | HOLE # |
|------------|------------------|------------------|-----------------|------------------|--------|
| A53L13     | 19.68in (500mm)  | 4.34in (110.3mm) | 1.92in (48.9mm) | ø 0.17in (4.2mm) | 6      |
| A55L13     | 39.37in (1000mm) | 4.39in (114.6mm) | 3.89in (98.8mm) | ø 0.17in (4.2mm) | 10     |

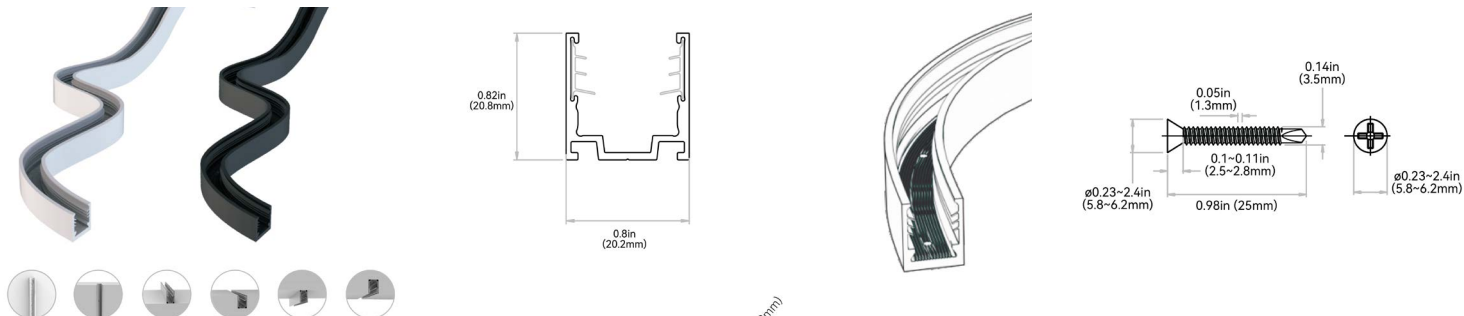


### Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors

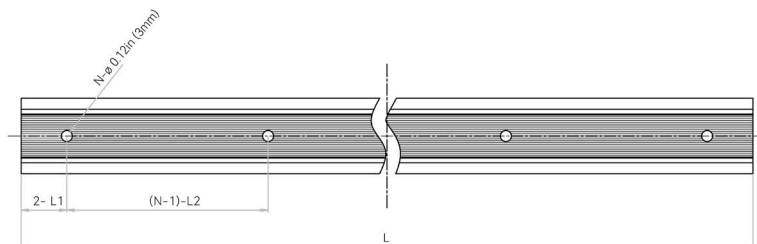


F

An all-in-one mounting profile designed to unleash your creativity. This profile not only provides flexibility in installation methods, but also overcomes bending limitations by offering both top and side bending in a single profile. Fully encapsulated in UL-certified silicone, it excels in UV, weather, and corrosion resistance, making it suitable for underwater, high and low temperature environments. Elegant and square in appearance, it is available in black or white standard colors, or custom bespoke colors to blend in with the background. Supported by innovative serrated silicone fins, its clamping strength is strong enough to secure any installation method. Please refer to install manual for proper installation practices. Side and top bending.



NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile. "N" hereby stands for its corresponding "Hole Number" in the below table



| ORDER CODE | LEGACY ORDER CODE WHITE | LEGACY ORDER CODE BLACK | STANDARD LENGTH  | L1              | L2              | SLOTTED HOLE | HOLE # |
|------------|-------------------------|-------------------------|------------------|-----------------|-----------------|--------------|--------|
| C1FL#3     | CH23FAN5C5SEW           | CH23FAN5C5SEB           | 2.17in (55mm)    | 0.49in (12.5mm) | 1.18in (30mm)   | 0.12in (3mm) | 2      |
| C1BL#3     | CH23FAN1C1SEW           | CH23FAN1C1SEB           | 4.33in (110mm)   | 0.46in (11.6mm) | 3.48in (88.4mm) | 0.12in (3mm) | 2      |
| C1CL#3     | CH23FAN0M2SEW           | CH23FAN0M2SEB           | 7.87in (200mm)   | 0.46in (11.6mm) | 3.48in (88.4mm) | 0.12in (3mm) | 3      |
| C13L#3     | CH23FAN0M5SEW           | CH23FAN0M5SEB           | 19.68in (500mm)  | 1.14in (29mm)   | 3.48in (88.4mm) | 0.12in (3mm) | 6      |
| C15L#3     | CH23FAN01MSEW           | CH23FAN01MSEB           | 39.37in (1000mm) | 0.54in (13.8mm) | 3.48in (88.4mm) | 0.12in (3mm) | 12     |



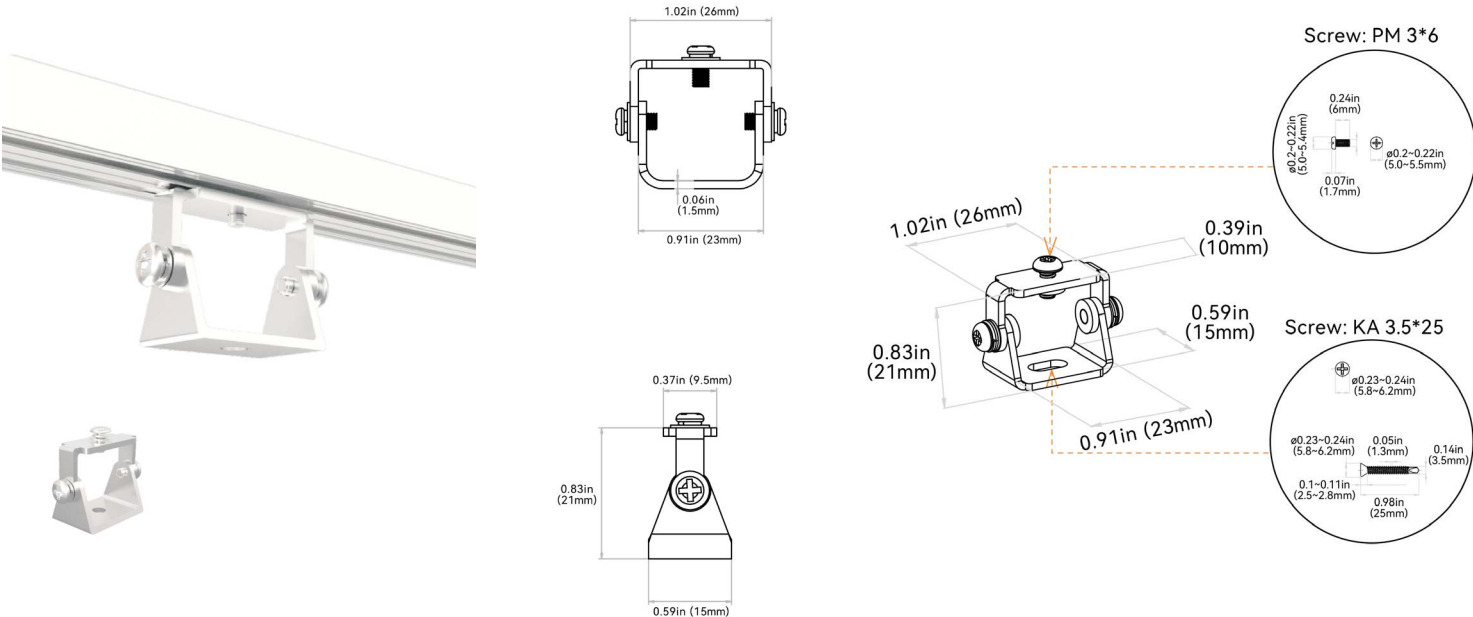
G

MOUNTING ACCESSORIES

| MOUNTING ACCESSORY TYPE  | PROFILE          |
|--------------------------|------------------|
| MA1 = Pivot Bracket      | O = All Profiles |
| MA2 = Rotary Bracket     |                  |
| MA3 = Side Bracket       |                  |
| MA6 = Suspended Wire Kit | L = Orbit        |

PIVOT BRACKET: MA10 | MA00PMB00000

Applicable to all mounting profiles.



# MULTIFLEX ORBIT: SILICONE - 24V

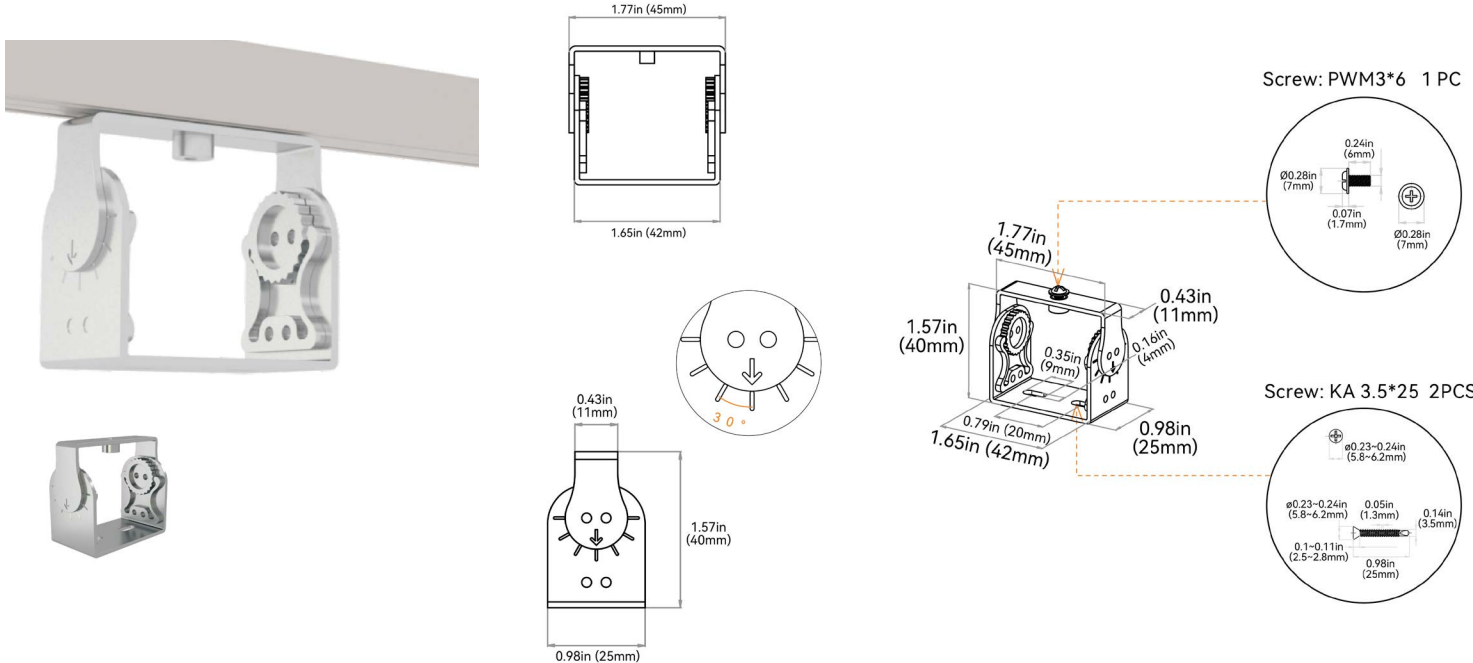
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



## G

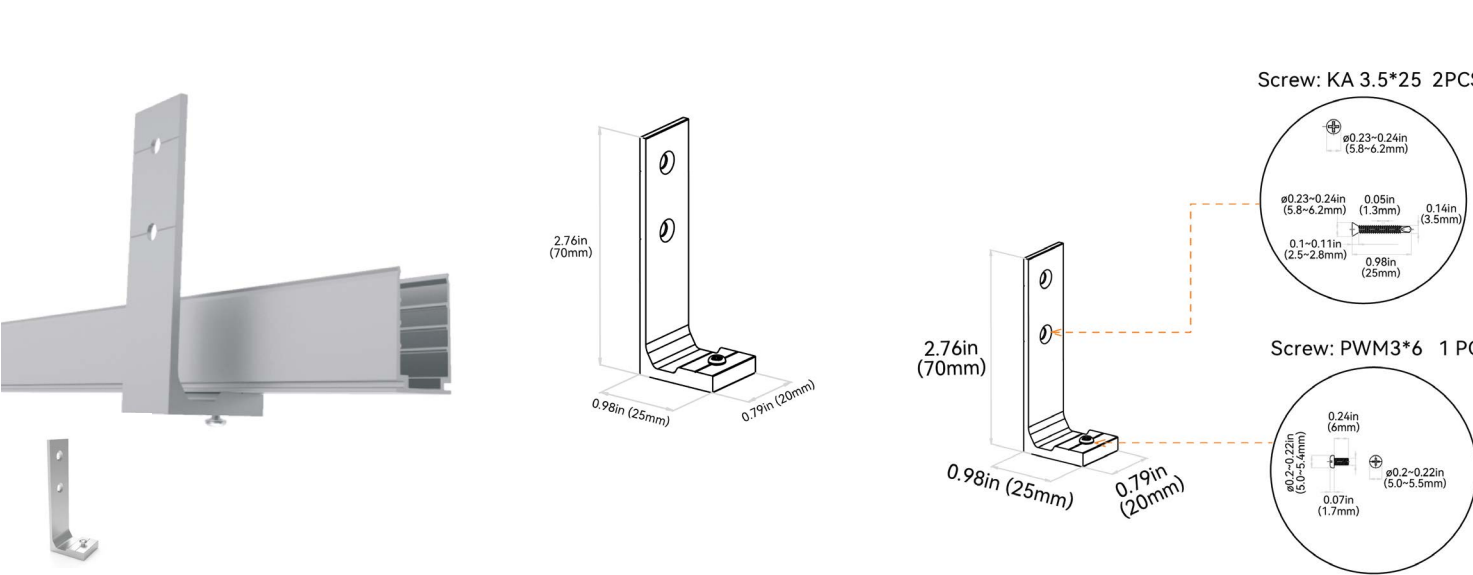
### ROTARY BRACKET: MA20 | MA00BRL00000

Applicable to all mounting profiles.



### SIDE MOUNTING BRACKET: MA30 | MA00SMB00000

Applicable to all mounting profiles.



# MULTIFLEX ORBIT: SILICONE - 24V

Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



## G

### SUSPENDED WIRE: MA6L

Applicable to Aluminum Profile - Silicone Grip. 2 kits of stainless steel wires/39.37in (1000mm) for Aluminum Profile - Silicone Grip. 3 kits of stainless steel wires/78.74in (2000mm) for Aluminum Profile - Silicone Grip

