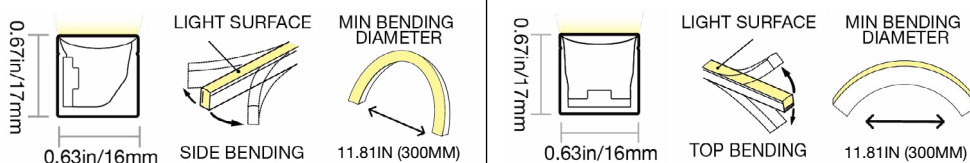


VIVID WAVE - CORE: SILICONE - 24V

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 to ~140°F (-40°C to ~60°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 6 to select input connector	V = Vivid	1 = Silicone	F = Wave	1 = Side 2 = Top	W = White + Diffused	1 = Static	A = Amber B = Blue C = Green E = Red H = 2200K J = 2700K L = 3000K M = 3500K N = 4000K Q = 5700K	7 = DOM LED Chip Colors 8 = DOM LED Chip + CRI80 Whites
C		D	E		F		G	
POWER	VOLTAGE + CIRCUIT TYPE	ORDER UNIT LENGTH*	OUTPUT CONNECTOR		MOUNTING PROFILE		MOUNTING ACCESSORIES	POWER SUPPLIES & CONTROLS:
E = 2.74W/ft (9W/m)	3V = 24V DC CV	P = 0.82in (20.8mm)	See Page 6 to select output connector		See Page 16 to select mounting profile		See Page 22 to select accessory	By Others By GLLS

Note: Maximum IP and IK ratings achievable with appropriate accessories, and cable diameter: silicone static = 0.26in (6.5mm).

VIVID WAVE - CORE: 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 with diffused white lens covers provide 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 controls for 24V Static PWM systems include 0-10V, RDM DMX, and DALI protocols. These options allow smooth, flicker-free dimming while maintaining consistent color and performance across fixtures.

GENERAL

WARRANTY

Limited 3-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 (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 (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



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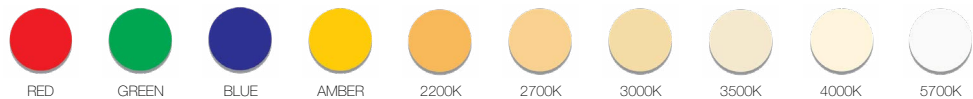
VIVID WAVE - CORE: SILICONE - 24V

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



B

LED COLORS



FIXTURE SPECIFICATIONS & OPTICAL PARAMETERS - WHITE JACKET + DIFFUSED LENS - SIDE BEND

COLOR	LED CHIP + CRI	LED COUNT	1 CONNECTOR FULL/DYNAMIC	2 CONNECTORS FULL/DYNAMIC	FIXTURE COLOR TOLERANCE	WAVELENGTH/ CCT	LED CRI	LED COLOR TOLERANCE	LUMEN COUNT	LEGACY ORDER CODE
RED	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	618-624nm	N/A	<3nm	40lm/ft (130lm/m)	SF16E1012WDRED24DC
GREEN	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	522-530nm	N/A	<3nm	116lm/ft (380lm/m)	SF16E1012WDGRE24DC
BLUE	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	468-474nm	N/A	<3nm	24lm/ft (80lm/m)	SF16E1012WDBLU24DC
AMBER	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	588-594nm	N/A	<3nm	116lm/ft (380lm/m)	SF16E1012WDAMB24DC
2200K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	2238±82K	82~87	<2.3SDCM	128lm/ft (420lm/m)	SF16E1012WD22K24DE
2700K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	2725±115K	82~87	<2.3SDCM	131lm/ft (430lm/m)	SF16E1012WD27K24DE
3000K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	3045±140K	82~87	<2.3SDCM	131lm/ft (430lm/m)	SF16E1012WD30K24DE
3500K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	3465±170K	82~87	<2.3SDCM	131lm/ft (430lm/m)	SF16E1012WD35K24DE
4000K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	3985±225K	82~87	<2.3SDCM	131lm/ft (430lm/m)	SF16E1012WD40K24DE
5700K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	5669±355K	82~87	<2.3SDCM	131lm/ft (430lm/m)	SF16E1012WD57K24DE

Note: 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. For runs over 65.62ft (20m), recommended to limit each to 65.62ft (20m) for easier handling.



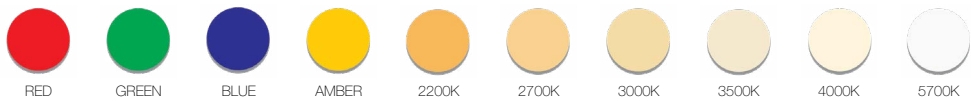
VIVID WAVE - CORE: SILICONE - 24V

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



B

LED COLORS



FIXTURE SPECIFICATIONS & OPTICAL PARAMETERS - WHITE JACKET + DIFFUSED LENS - TOP BEND

COLOR	LED CHIP + CRI	LED COUNT	1 CONNECTOR FULL/DYNAMIC	2 CONNECTORS FULL/DYNAMIC	FIXTURE COLOR TOLERANCE	WAVELENGTH/ CCT	LED CRI	LED COLOR TOLERANCE	LUMEN COUNT	LEGACY ORDER CODE
RED	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	618-624nm	N/A	<3nm	55lm/ft (180lm/m)	SF16E0012WDRED24DC
GREEN	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	522-530nm	N/A	<3nm	146lm/ft (480lm/m)	SF16E0012WDGRE24DC
BLUE	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	468-474nm	N/A	<3nm	29lm/ft (95lm/m)	SF16E0012WDBLU24DC
AMBER	DOM LED Chip	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	N/A	588-594nm	N/A	<3nm	146lm/ft (480lm/m)	SF16E0012WDAMB24DC
2200K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	2238±82K	82~87	<2.3SDCM	152lm/ft (500lm/m)	SF16E0012WD22K24DE
2700K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	2725±115K	82~87	<2.3SDCM	159lm/ft (520lm/m)	SF16E0012WD27K24DE
3000K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	3045±140K	82~87	<2.3SDCM	159lm/ft (520lm/m)	SF16E0012WD30K24DE
3500K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	3465±170K	82~87	<2.3SDCM	159lm/ft (520lm/m)	SF16E0012WD35K24DE
4000K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	3985±225K	82~87	<2.3SDCM	159lm/ft (520lm/m)	SF16E0012WD40K24DE
5700K	DOM LED Chip + CRI80	29 LEDs/ft (96 LEDs/m)	39.4ft (12m) / N/A	78.7ft (24m) / N/A	3 SDCM	5669±355K	82~87	<2.3SDCM	159lm/ft (520lm/m)	SF16E0012WD57K24DE

Note: 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. For runs over 65.62ft (20m), recommended to limit each to 65.62ft (20m) for easier handling.



VIVID WAVE - CORE: SILICONE - 24V

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



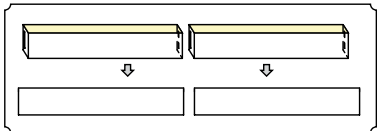
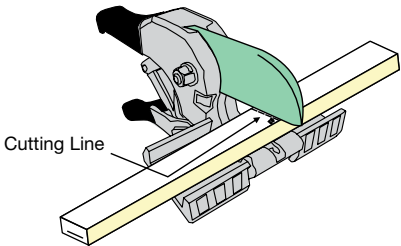
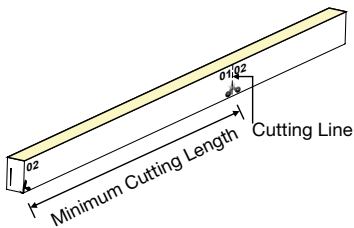
C

POWER & VOLTAGE

COLOR	VOLTAGE + CIRCUIT TYPE	POWER CONSUMPTION
RED	24V DC CV	2.74W/ft (9W/m)
GREEN		
BLUE		
AMBER		
2200K		
2700K		
3000K		
3500K		
4000K		
5700K		

D

CUTTING INSTRUCTIONS



COLOR	ORDER UNIT (CUTTING UNIT)
RED	0.82in (20.8mm) (2 LEDs)
GREEN	
BLUE	
AMBER	
2200K	
2700K	
3000K	
3500K	
4000K	
5700K	



VIVID WAVE - CORE: SILICONE - 24V

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



E

COMPATIBLE CONNECTORS

INPUT - 01

INPUT CONNECTOR TYPE	INPUT ORIENTATION + TYPE	INPUT CABLE LENGTH (LEAD WIRE)
----------------------	--------------------------	--------------------------------

OUTPUT - 02

OUTPUT CONNECTOR TYPE	OUTPUT ORIENTATION + TYPE	OUTPUT CABLE LENGTH (LEAD WIRE)
6 = Swivel	A = End Exit I = End Cap	1 = 0.98ft (0.3m) 2 = 3.28ft (1m) 8 = N/A
7 = Snap	A = End Exit B = Bottom Exit C = Side Left Exit D = Side Right Exit E = End Jumper H = Power T-Feed I = End Cap	1 = 0.98ft (0.3m) 2 = 3.28ft (1m) 3 = 9.84ft (3m) 4 = 16ft (5m) 5 = 32.81ft (10m) 6 = 49.21ft (15m) 7 = 65.62ft (20m) 8 = N/A
8 = Click	A = End Exit I = End Cap	1 = 0.98ft (0.3m) 2 = 3.28ft (1m) 3 = 9.84ft (3m) 4 = 16ft (5m) 8 = N/A
9 = DIY Submersible	A = End Exit I = End Cap	A = 6.52ft (2m) 3 = 9.84ft (3m) 4 = 16ft (5m) 5 = 32.8ft (10m) 8 = N/A
2 = Silicone Seamless	A = End Exit B = Bottom Exit C = Side Left Exit D = Side Right Exit E = End Jumper H = Power T-Feed I = End Cap	1 = 0.98ft (0.3m) 2 = 3.28ft (1m) 3 = 9.84ft (3m) 4 = 16ft (5m) 5 = 32.81ft (10m) 6 = 49.21ft (15m) 7 = 65.62ft (20m) 8 = N/A
4 = Silicone Submersible	A = End Exit B = Bottom Exit C = Side Left Exit D = Side Right Exit I = End Cap	9 = 1.64ft (0.5m) 4 = 16ft (5m) 5 = 32.8ft (10m) 8 = N/A

LEGACY CONNECTOR ORDER CODE

XX	16E	X	00	XX	XX	X	XX	XXX	X
PRODUCT TYPE	PROFILE	BENDING	LIGHT EMITTING	FUNCTIONALITY	CONNECTOR TYPE	FIXTURE END	EXIT TYPE	LENGTH	
NA = DIY Accessories FA = Factory Accessories	16E = Wave	1 = Side 2 = Top	00 = 16E	2W = Static/DTW 3W = Tunable White/SPI-Pixel 4W = RGB 5W = RGBW 5D = DMX-Pixel 0W = For End Cap	SV = Swivel CL = Click SC = Snap BL = DIY Submersible SE = Seamless PO = Submersible	1 = Input Side 2 = Output Side 0 = Jumpers/T-feeds/ Seamless Bottom/ Seamless End 3 = Input/Output	EN = End BO = Bottom SL = Side Left SR = Side Right EJ = End Jumper BJ = Bottom Jumper TF = Power Feed EC = End Cap	0M3 = 0.98ft (30cm) 01M = 3.28ft (1m) 03M = 9.84ft (3m) 05M = 16ft (5m) 10M = 32.81ft (10m) 000 = For End Cap	P = Power or For End Cap S = Signal & Power



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VIVID WAVE - CORE: SILICONE - 24V

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



E

SWIVEL CONNECTOR

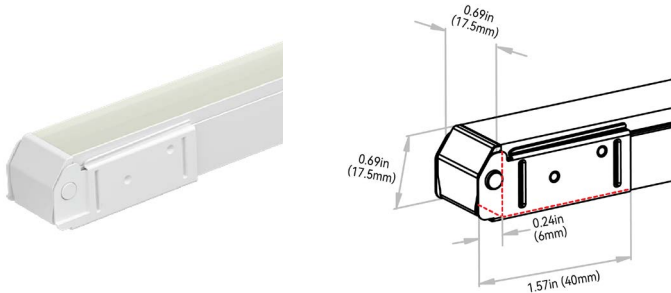
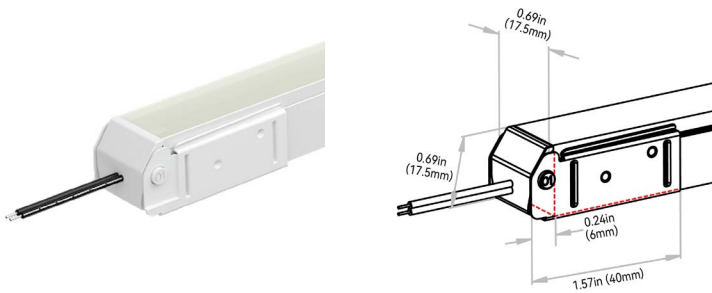


- NOTES:
- 1. Connector Tolerance $\pm 0.02\text{in}$ (0.5mm)
 - 2. Cable diameter: Static Silicone = 0.26in (6.5mm)
 - 3. Do not apply force to the feed cable
 - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop

IP20, Omni-directional Cable, Tool-less, Mini Size. Recommended for indoor dry environments and for onsite length adjustments. Under the simple and convenient design concept, we developed our swivel connector, which is superb for indoor concealed installation in narrow space thanks to its mini size and omni-directional cable. Navigated by user manual, tool-free and quick assembly can be realized, and Press & Seal design enables the functions of energization and dust-proof rapidly. DIY or custom factory assembly.

END EXIT: 6-A-#

END CAP: 6-I-#



VIVID WAVE - CORE: SILICONE - 24V

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



E

SNAP CONNECTOR

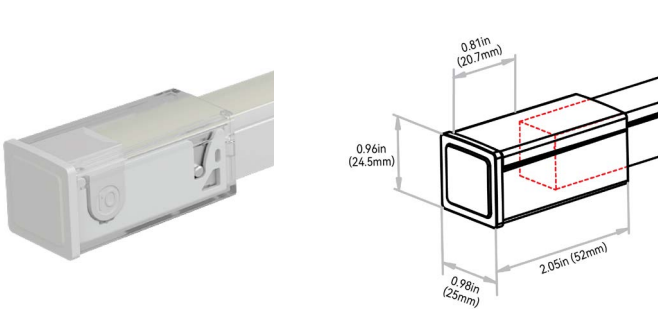
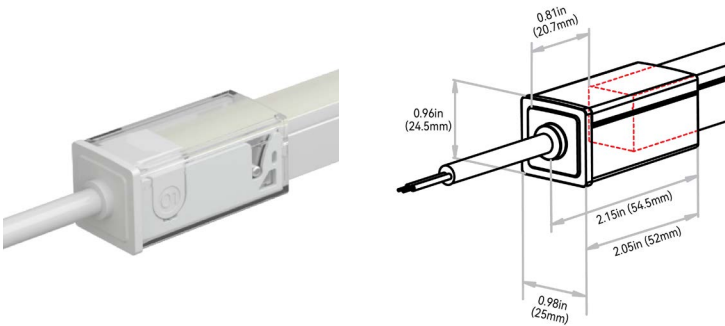


- NOTES:
- 1. Connector Tolerance $\pm 0.02\text{in}$ (0.5mm)
 - 2. Cable diameter: Static & Tunable White Silicone = 0.26in (6.5mm)
 - 3. Do not apply force to the feed cable
 - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop
 - 5. Snap Connectors - Top bending fixture not available for Tunable White

IP67, tool-less; good solution for protection from water ingress; larger connector & anti-wicking ferrule. Recommended for wet environments and on-site length adjustments. To seal the end of light and ensure the waterproof in case of any cutting or extension on site, Insulfit technology prevents the water or vapor ingress from the end of the light. DryWire technology applied on the cable eliminates the capillary phenomenon through wires, which secured the long-term reliability in any wading environments. DIY or custom factory assembly.

END EXIT: 7-A-#

END CAP: 7-I-8

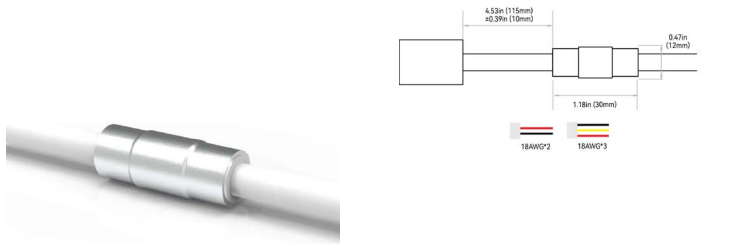


SCREW LOCK CONNECTOR ACCESSORY - IP67



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

ANTI-WICKING FERRULE:



- NOTES:
- 1. The anti-wicking ferrule is located at 4.53in (115mm) ($\pm 0.39\text{in}$ [$\pm 10\text{mm}$] 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.



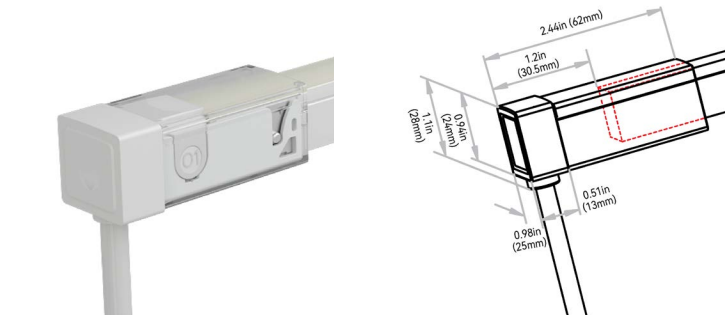
VIVID WAVE - CORE: SILICONE - 24V

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

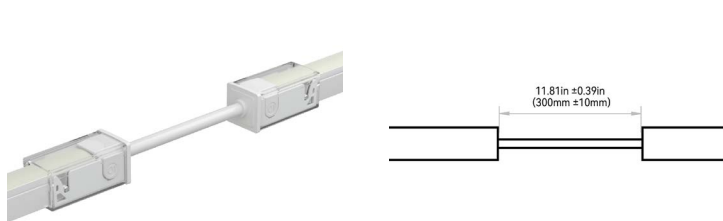


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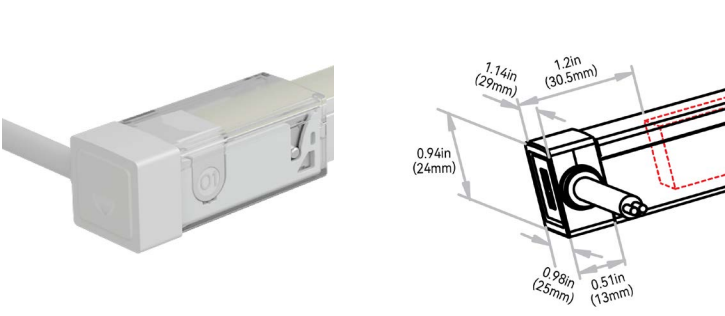
BOTTOM EXIT: 7-B-#



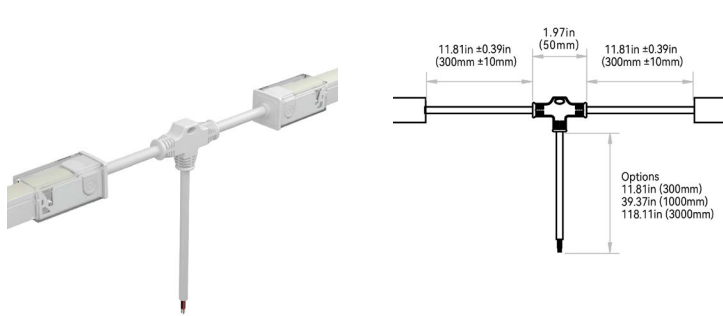
END JUMPER: 7-E-1



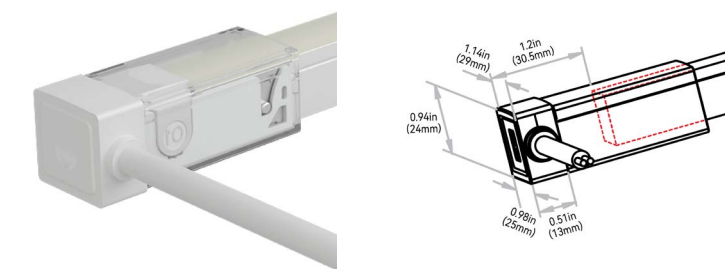
SIDE LEFT EXIT: 7-C-#



POWER T-FEED: 7-H-#



SIDE RIGHT EXIT: 7-D-#



VIVID WAVE - CORE: SILICONE - 24V

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



E

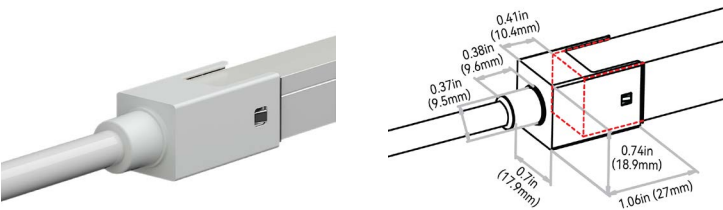
CLICK CONNECTOR



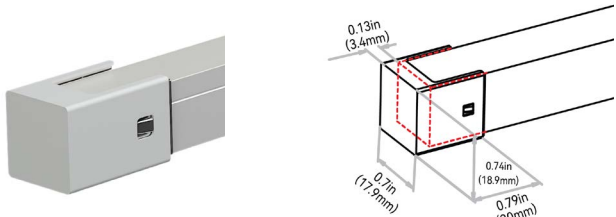
- NOTES:
- 1. Connector Tolerance $\pm 0.02\text{in}$ (0.5mm)
 - 2. Cable diameter: Static & Tunable White Silicone = 0.26in (6.5mm)
 - 3. Do not apply force to the feed cable
 - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop
 - 5. Click Connectors - Top bending fixture not available for Tunable White

IP67; tool-less & mini size. Recommended for outdoor environments & for onsite length adjustments. Click connector, a new type of field-assembly connector for outdoor use, brass casing, features unexceptional adaptability and excellent weather resistance. It achieves the unique balance between waterproof performance and physical dimension, highly functional yet incredibly minimal, giving you an extraordinary visual experience due to the less dark area at the jointing area. The whole assembling process is tool-less and quick, benefiting from its simple but smart structure design. The remarkable innovation lies in the invisible waterproof pretreatment on the cable, which facilitates the wiring and slotting on the site greatly as the extra anti-wicking ferrule on the cable is no longer needed. DIY or custom factory assembly.

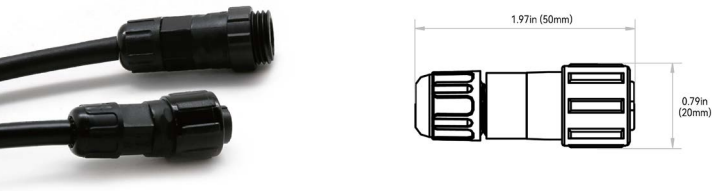
END EXIT: 8-A-#



END CAP: 8-I-8



SCREW LOCK CONNECTOR ACCESSORY - IP67



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



VIVID WAVE - CORE: SILICONE - 24V

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



E

DIY SUBMERSIBLE

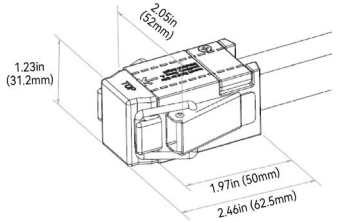
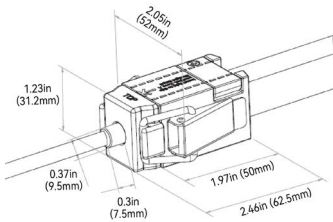


- NOTES:
- 1. Connector Tolerance $\pm 0.02\text{in}$ (0.5mm)
 - 2. Cable diameter: Static & Tunable White Silicone = 0.26in (6.5mm)
 - 3. Do not apply force to the feed cable
 - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop
 - 5. DIY Submersible Connectors - Top bending fixture not available for Tunable White.

IP68, tool-less; good solution for submersible use up to 16.4ft (5m) depth. Recommended for underwater environments and on-site length adjustments. To seal the end of light and ensure the waterproof in case of any cutting or extension on site, Insulfit technology prevents the water or vapor ingress from the end of the light. DryWire technology applied on the cable eliminates the capillary phenomenon through wires, which secured the long-term reliability in any wading environments. DIY or custom factory assembly.

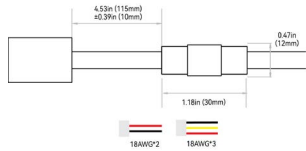
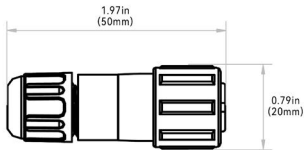
END CAP: 9-A-#

END CAP: 9-I-8



SCREW LOCK CONNECTOR ACCESSORY - IP67

ANTI-WICKING FERRULE:



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

- NOTES:
- 1. The anti-wicking ferrule is located at 4.53in (115mm) ($\pm 0.39\text{in}$ [$\pm 10\text{mm}$] 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.



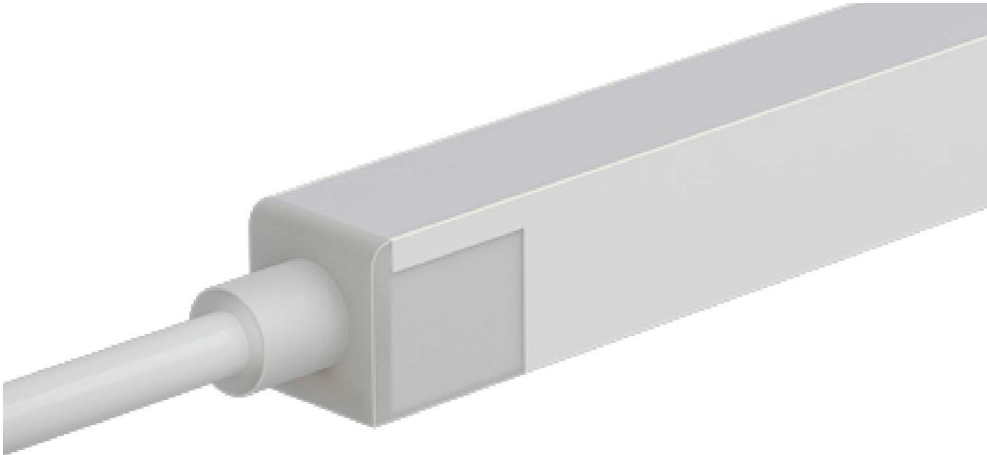
VIVID WAVE - CORE: SILICONE - 24V

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



E

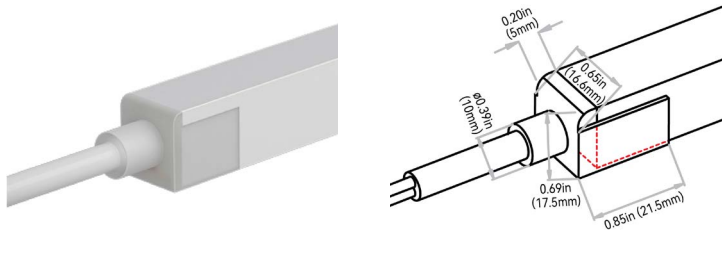
SILICONE SEAMLESS CONNECTOR



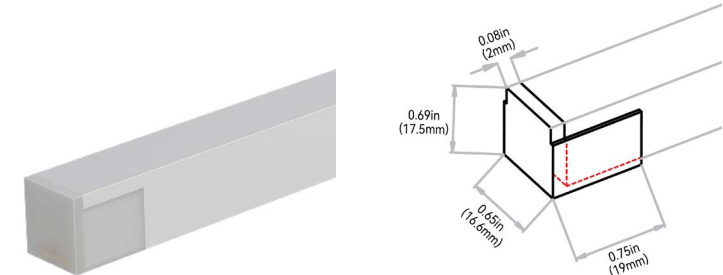
- NOTES:
- 1. Connector Tolerance ± 0.02 in (0.5mm)
 - 2. Cable diameter: Static, Tunable, RGB, RGBW & SPI Silicone = 0.26in (6.5mm) & DMX Silicone = 0.27in (6.8mm)
 - 3. Do not apply force to the feed cable
 - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop

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 lightbody, 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.

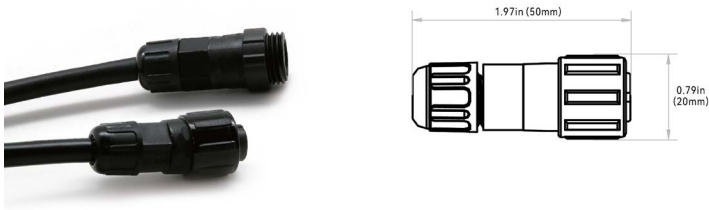
END EXIT: 2-A-#



END CAP: 2-I-8

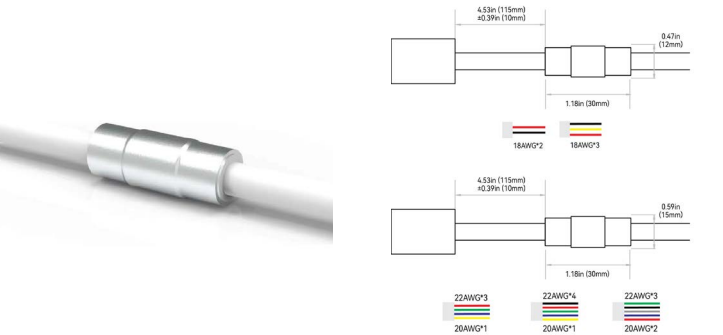


SCREW LOCK CONNECTOR ACCESSORY - IP67



NOTE: The tolerance is ± 0.08 in (2mm).

ANTI-WICKING FERRULE:



- NOTES:
- 1. The anti-wicking ferrule is located at 4.53in (115mm) (± 0.39 in ± 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 ingression caused by it.



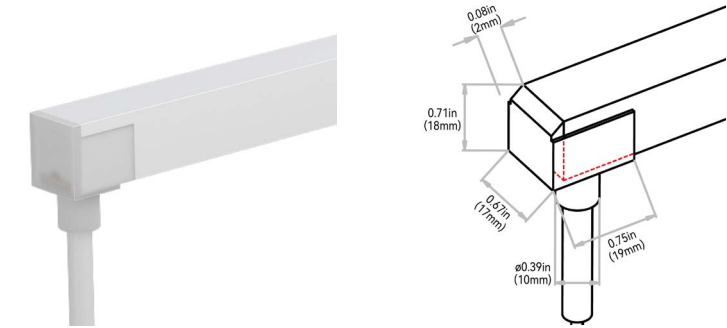
VIVID WAVE - CORE: SILICONE - 24V

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

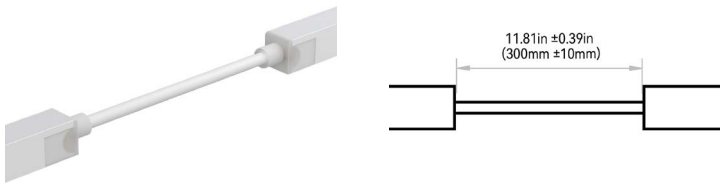


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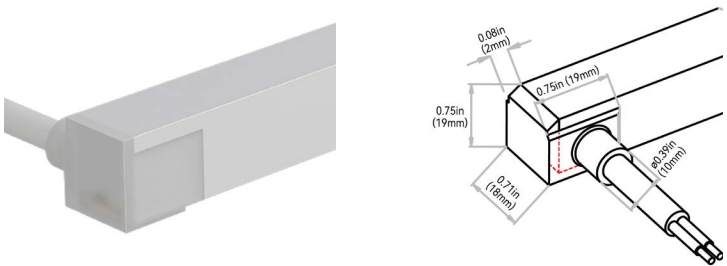
BOTTOM EXIT: 2-B-#



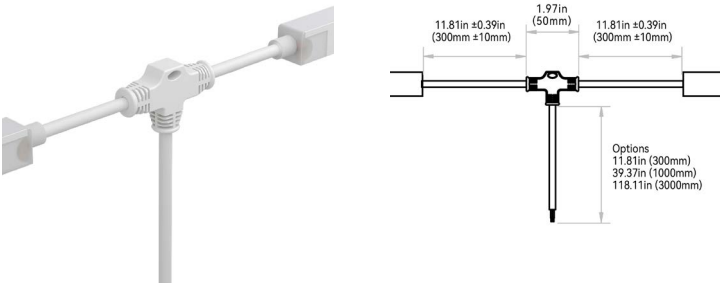
END JUMPER: 2-E-1



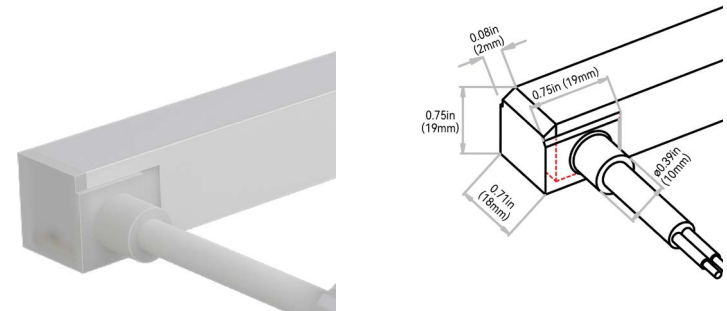
SIDE LEFT EXIT: 2-C-#



POWER T-FEED: 2-H-#



SIDE RIGHT EXIT: 2-D-#



VIVID WAVE - CORE: SILICONE - 24V

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



E

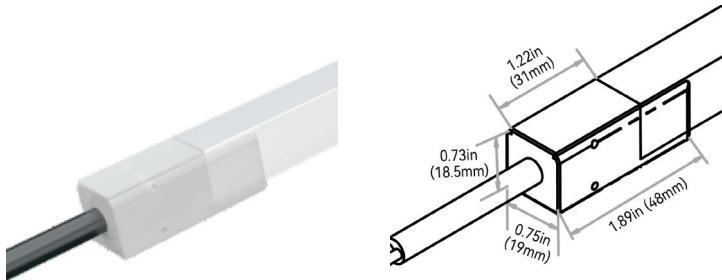
SILICONE SUBMERSIBLE CONNECTOR



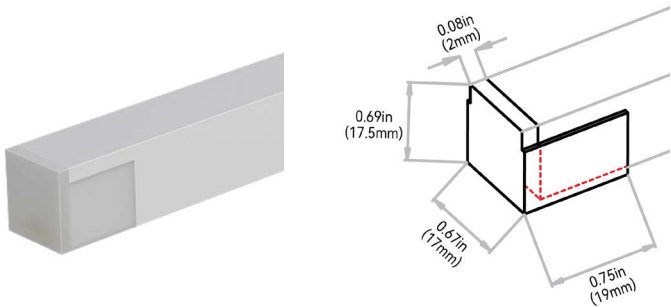
- NOTES:
- 1. Connector Tolerance $\pm 0.02\text{in}$ (0.5mm)
 - 2. Cable diameter: Static & Tunable White Silicone = 0.26in (6.5mm)
 - 3. Do not apply force to the feed cable
 - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop
 - 5. Silicone Submersible UL676 Connectors - Top bending fixture not available for Tunable White

IP68; extremely durable, underwater, UL676 rated. Recommended for; long-term submersed in wet environments up to the depth of 16.40ft (5m) (water is skin safe for extended periods); high temperature and humidity environments (mounting surface temperature $<140^{\circ}\text{F}$ (60°C)); custom predetermined lengths and larger connector; harsh working conditions & increased handling forces during installation. Custom factory assembly.

END EXIT: 4-A-#



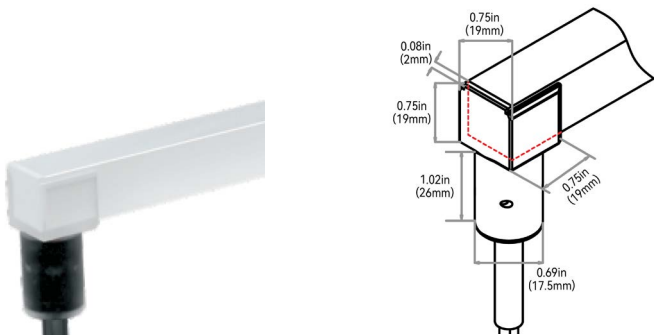
END CAP: 4-I-8



SCREW LOCK CONNECTOR ACCESSORY - IP67



BOTTOM EXIT: 4-B-#



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



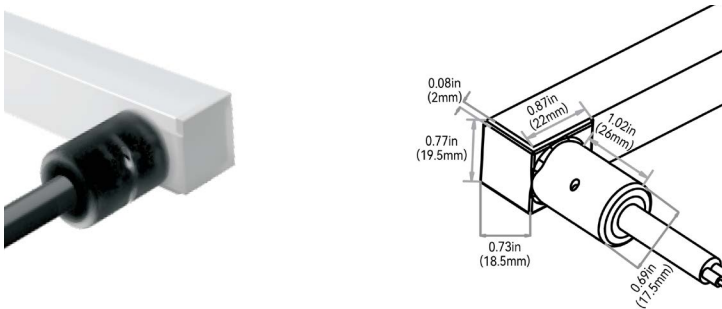
VIVID WAVE - CORE: SILICONE - 24V

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

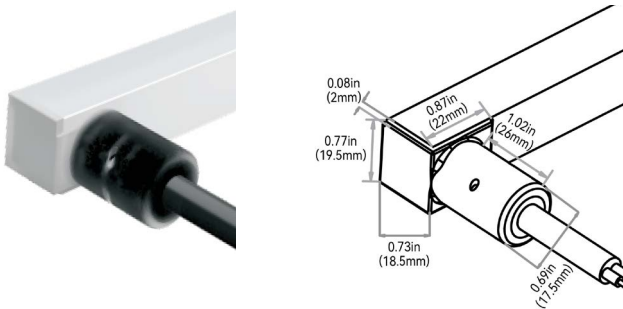


E

SIDE LEFT EXIT: 4-C-#



SIDE RIGHT EXIT: 4-D-#



VIVID WAVE - CORE: SILICONE - 24V

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



F

MOUNTING PROFILES

MOUNTING PROFILE TYPE	STANDARD LENGTH	PROFILE	COLOR
A1 = Aluminum Basic	2 = 1.38in (35mm) 3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)	F = Wave	1 = Standard
A2 = Aluminum Recessed	2 = 1.38in (35mm) 3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A3 = Aluminum Recessed Silicone Grip	1 = 0.79in (20mm) 3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A4 = Aluminum Silicone Grip	1 = 0.79in (20mm) 3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A5 = Aluminum Flexible	3 = 19.68in (500mm) 5 = 39.37in (1000mm)		
A8 = Aluminum Raceway	3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A9 = Aluminum Raceway Suspended	3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
P1 = Plastic Reinforced	2 = 1.38in (35mm) 3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
C1 = Silicone Flexible	F = 2.16in (55mm) B = 4.33in (110mm) C = 7.87in (200mm) 3 = 19.68in (500mm) 5 = 39.37in (1000mm)		2 = Black 3 = White 0 = Custom
S1 = Stainless Steel Clips	2 = 1.38in (35mm)		1 = Standard



VIVID WAVE - CORE: SILICONE - 24V

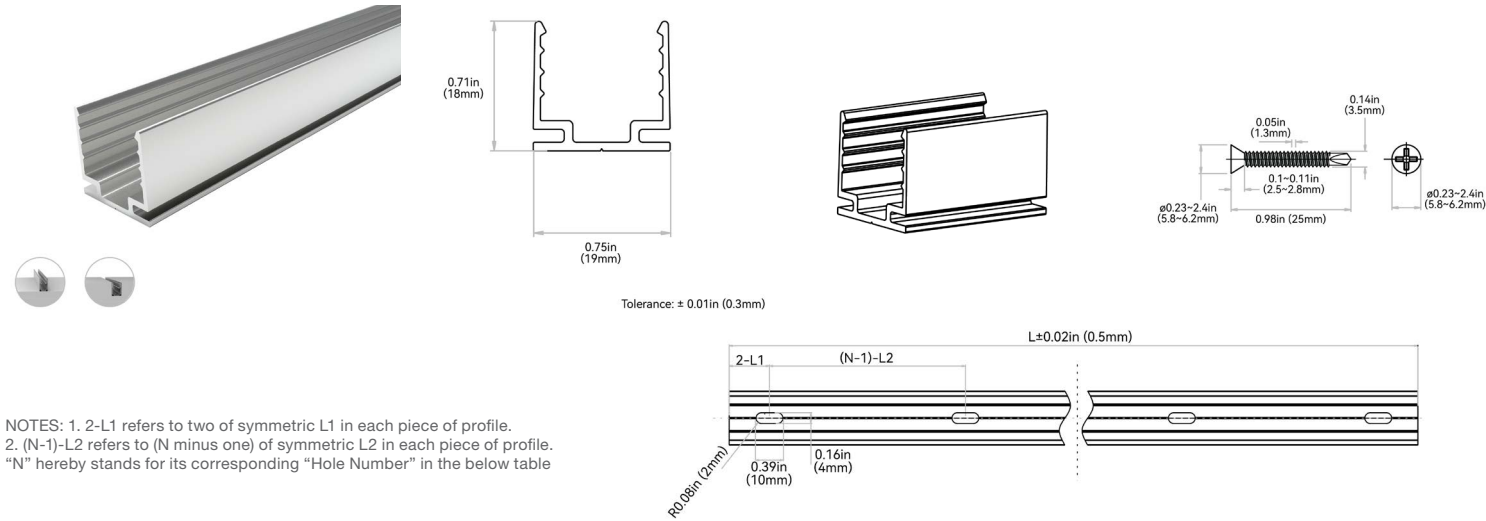
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



F

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..

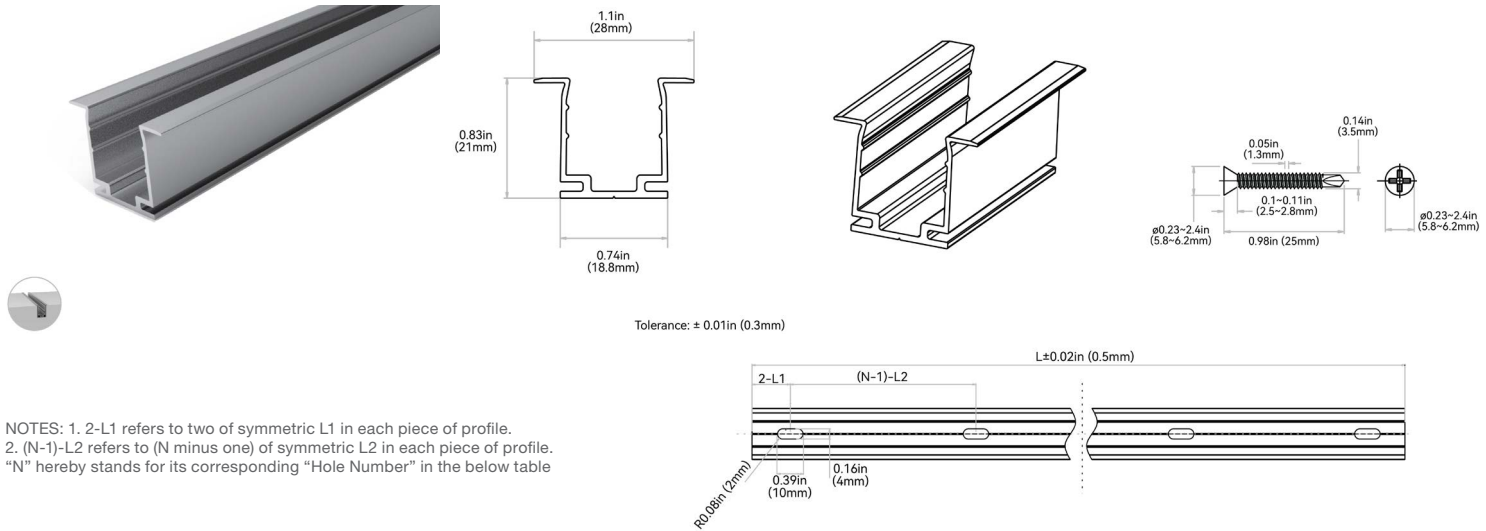


NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.
“N” hereby stands for its corresponding “Hole Number” in the below table

ORDER CODE	LEGACY CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A1-2-F-1	CL16RAL3C5SD	1.38in (35mm)	0.69in (17.5mm)	N/A	0.16*0.39in (4*10mm)	1
A1-3-F-1	CH16RAL0M5SD	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A1-5-F-1	CH16RAL01MSD	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A1-6-F-1	CH16RAL02MSD	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	10

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	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A2-2-F-1	CL16RRA3C5SD	1.38in (35mm)	0.69in (17.5mm)	N/A	0.16*0.39in (4*10mm)	1
A2-3-F-1	CH16RRA0M5SD	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A2-5-F-1	CH16RRA01MSD	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A2-6-F-1	CH16RRA02MSD	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	10



VIVID WAVE - CORE: SILICONE - 24V

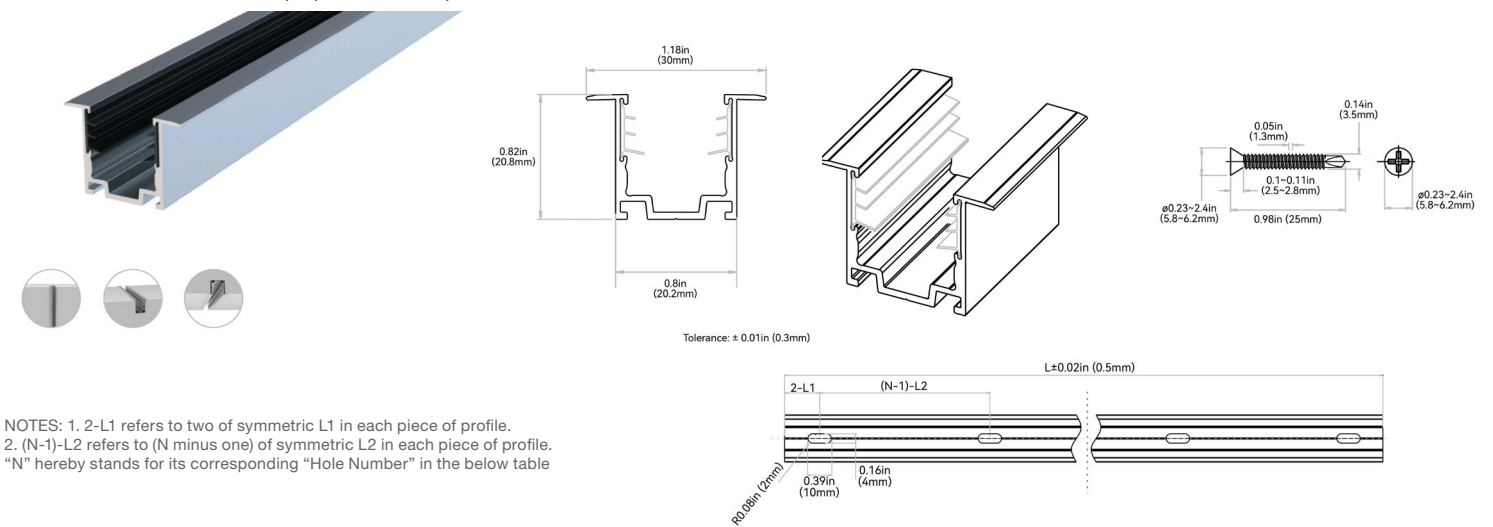
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



F

ALUMINUM PROFILE - RECESSED - SILICONE GRIP

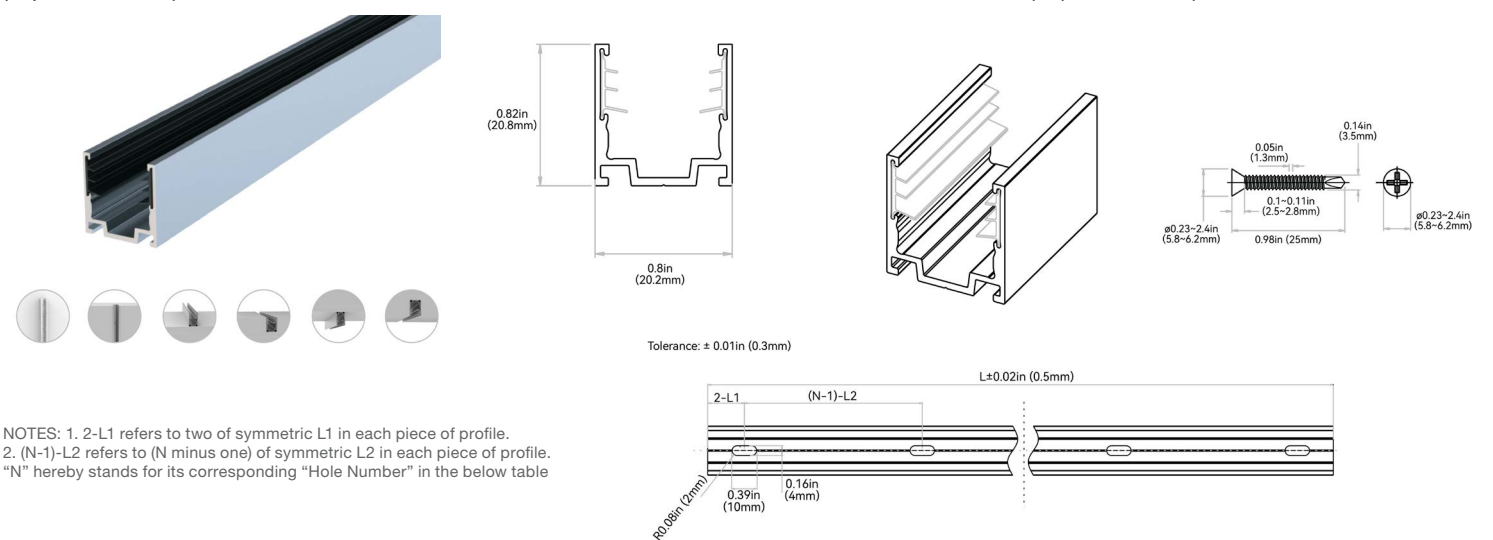
High-quality 6063 aluminum with thin-wall, light-weight design to fit the fixture tightly. Includes a serrated silicone grip insert designed to hold fixture with additional force. Recommended on projects mounted upside down with lighting mounted recessed in a cavity so only the lens is shown. It is deformation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



ORDER CODE	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A3-1-F-1	CL16RRA02CSE	0.79in (20mm)	0.39in (10mm)	N/A	0.16*0.39in (4*10mm)	1
A3-3-F-1	CH16RRA0M5SE	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A3-5-F-1	CH16RRA01MSE	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A3-6-F-1	CH16RRA02MSE	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 serrated 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.



ORDER CODE	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A4-1-F-1	CL16RAL02CSE	0.79in (20mm)	0.39in (10mm)	N/A	0.16*0.39in (4*10mm)	1
A4-3-F-1	CH16RAL0M5SE	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A4-5-F-1	CH16RAL01MSE	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A4-6-F-1	CH16RAL02MSE	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	10



VIVID WAVE - CORE: SILICONE - 24V

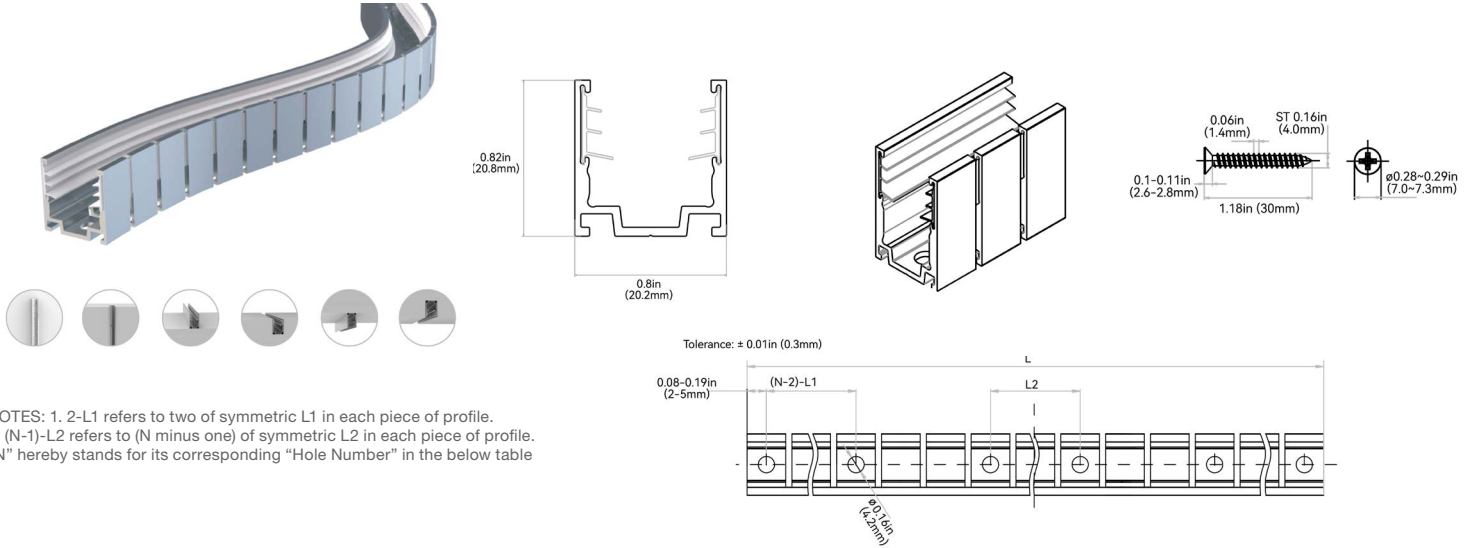
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



F

ALUMINUM PROFILE - FLEXIBLE

It is an expanded design of the flexible aluminum profile, and caters for the continuously streamlined aesthetics of curve shape. The secondary precision cutting process, not only maintains the advantage of clamping force, but also enables the two-way side bending directions with super shape memory. Please refer to install manual for proper installation practices.

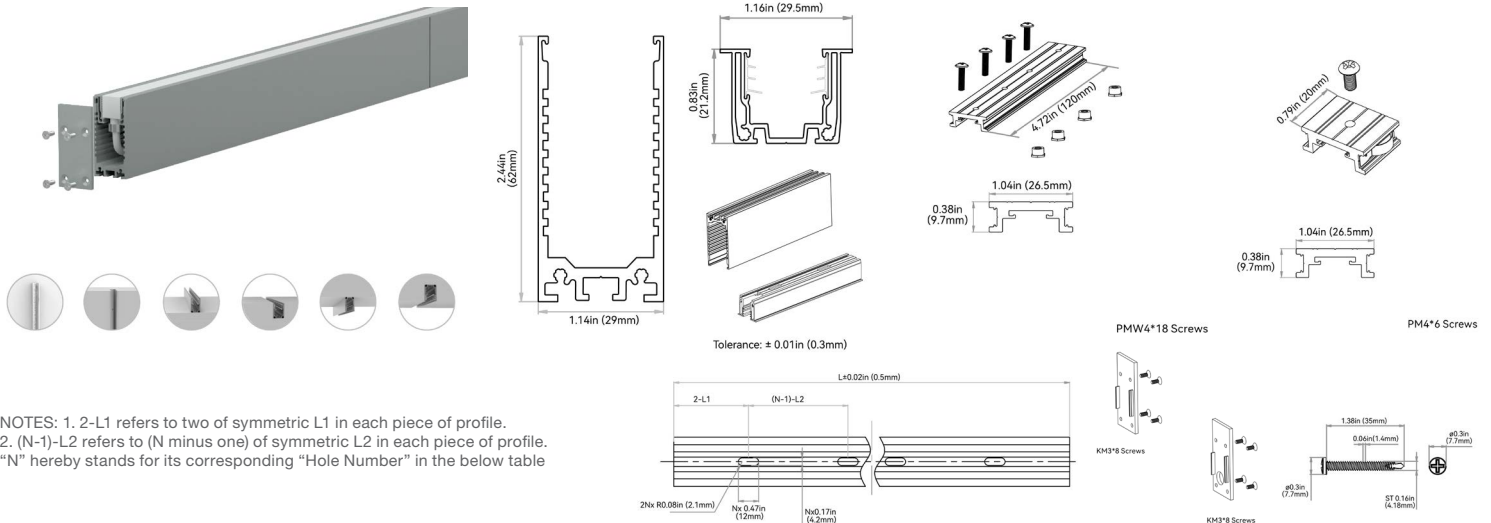


NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.
"N" hereby stands for its corresponding "Hole Number" in the below table

ORDER CODE	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A5-3-F-1	CH16FAL0M5SE	19.68in (500mm)	4.34in (110.3mm)	1.92in (48.9mm)	Ø 0.17in (4.2mm)	6
A5-5-F-1	CH16FAL01MSE	39.37in (1000mm)	4.59in (116.5mm)	3.89in (98.8mm)	Ø 0.17in (4.2mm)	10

ALUMINUM PROFILE - RACEWAY

High-quality 6063 thin-wall aluminum, light-weight design featuring hidden cables. The raceway space is enough to conceal seamless connectors with bottom feed and the general male/female connectors. It is superb for the facade where tidiness is required and the scenarios that lack of space for wiring. 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	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A8-3-F-1	CH16RAL0M5RS	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	3
A8-5-F-1	CH16RAL01MRS	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	5
A8-6-F-1	CH16RAL02MRS	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	10



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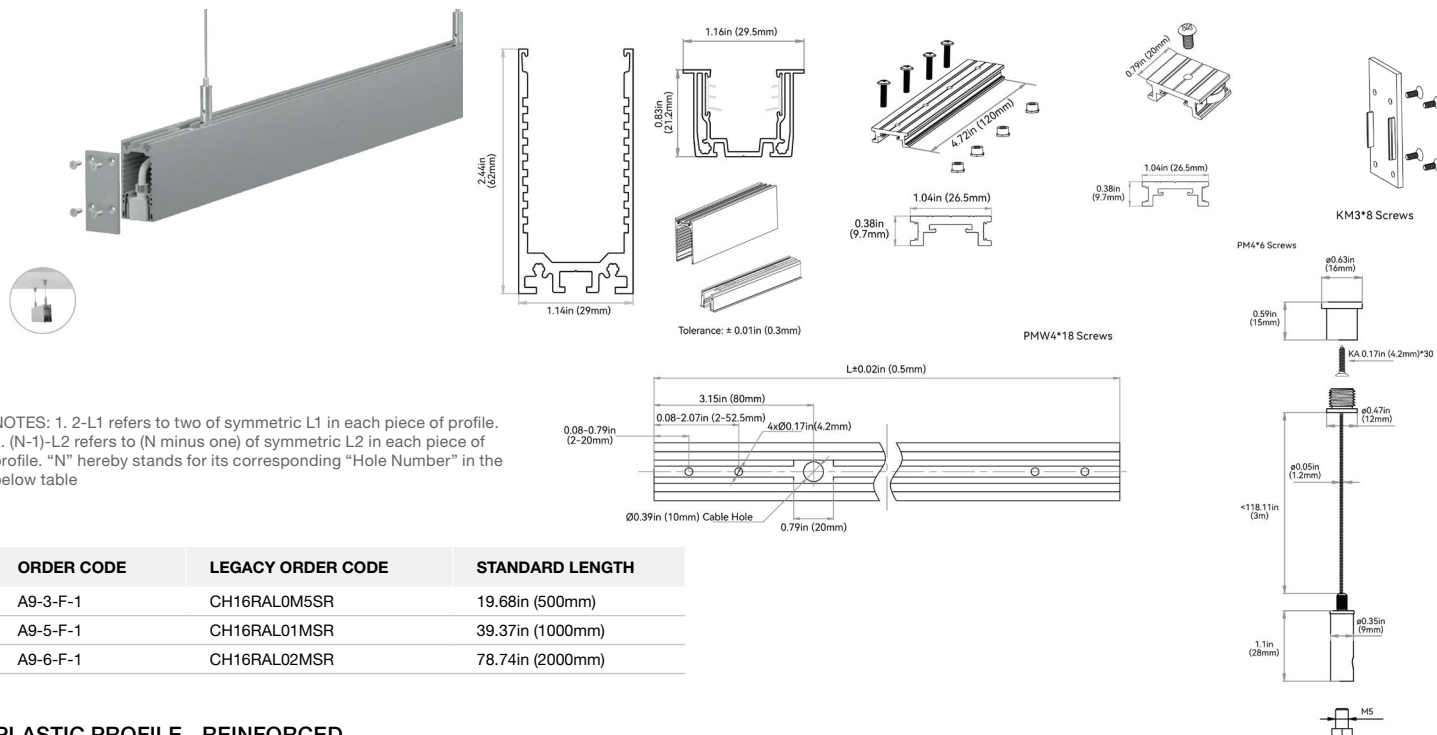
GLLS reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance. REV. 20250829

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

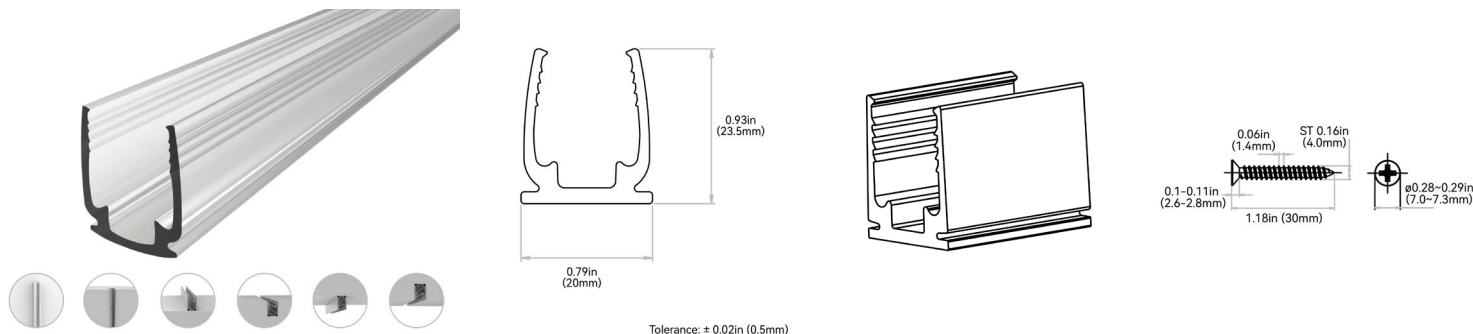


F

High-quality 6063 thin-wall aluminum, light-weight design featuring hidden cables and suspended by cables from the ceiling. The raceway space is enough to conceal seamless connectors with bottom feed and the general male/female connectors. It is superb for the facade where tidiness is required and the scenarios that lack of space for wiring. Please refer to install manual for proper installation practices.



High Quality rigid plastic designed to securely hold fixtures. Recommended for use in extreme environments susceptible to increased water/humidity (SPA's and pools). 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	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
P1-2-F-1	CL16RTP3C5SD	1.38in (35mm)	0.69in (17.5mm)	N/A	0.18"0.31in (4.5"8mm)	1
P1-3-F-1	CH16RTP0M5SD	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.18"0.31in (4.5"8mm)	3
P1-5-F-1	CH16RTP01MSD	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.18"0.31in (4.5"8mm)	5
P1-6-F-1	CH16RTP02MSD	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.18"0.31in (4.5"8mm)	10



VIVID WAVE - CORE: SILICONE - 24V

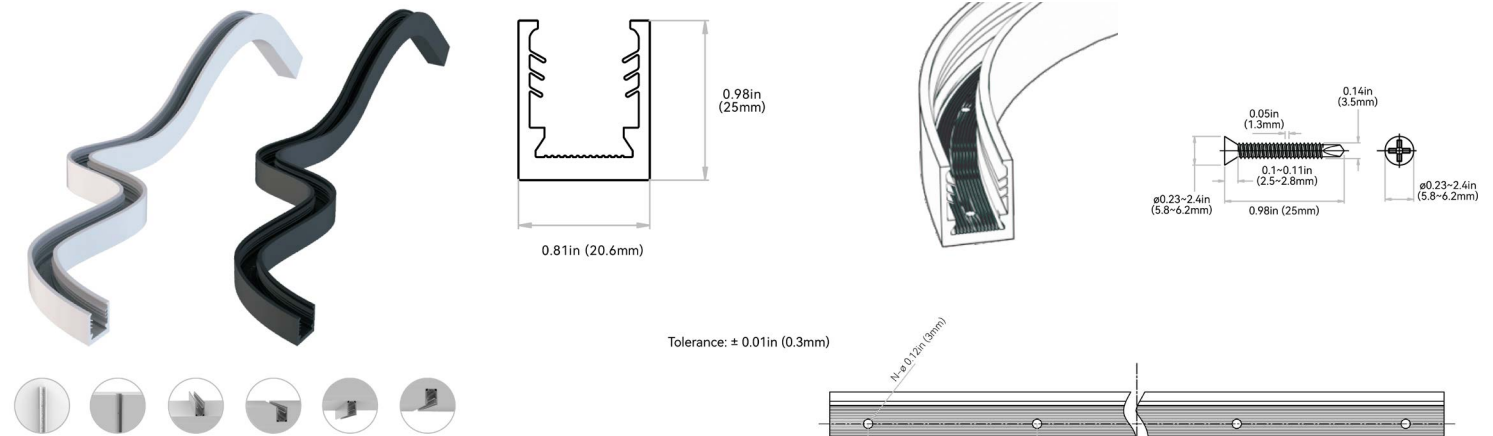
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



F

SILICONE PROFILE - FLEXIBLE

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 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. Please refer to install manual for proper installation practices.

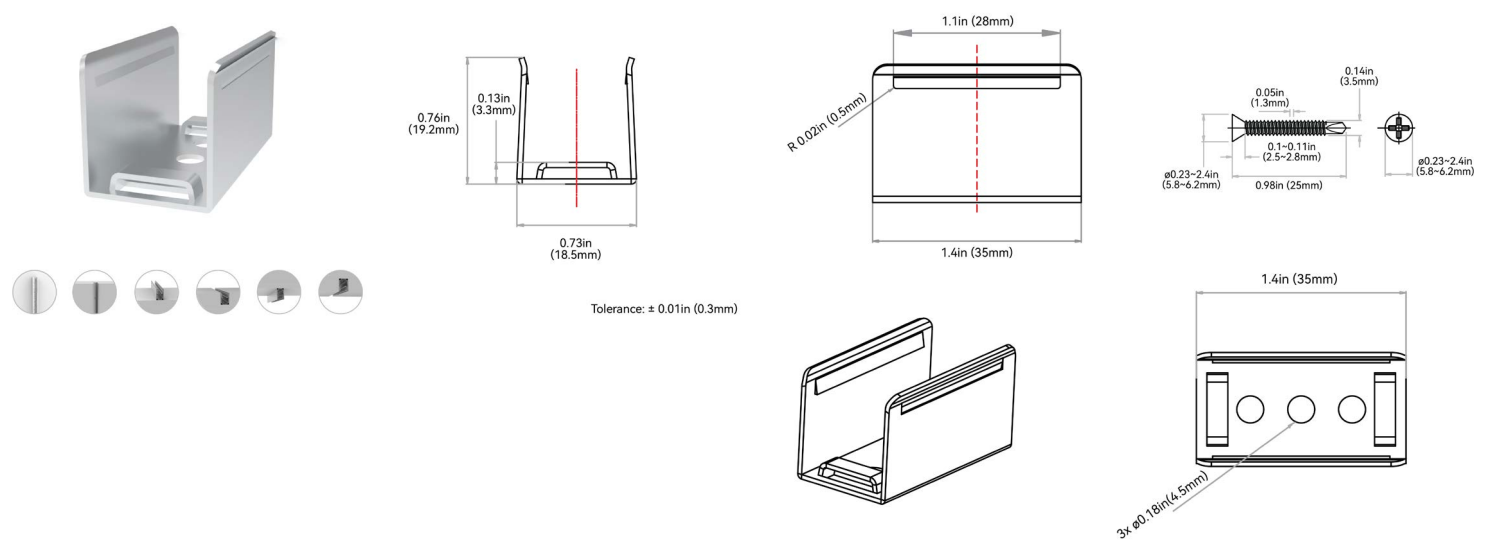


NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.
"N" hereby stands for its corresponding "Hole Number" in the below table

ORDER CODE	LEGACY ORDER CODE: WHITE	LEGACY ORDER CODE: BLACK	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
C1-F-F-X	CH16FAN5C5SEW	CH16FAN5C5SEB	2.16in (55mm)	0.49in (12.5mm)	1.18in (30mm)	Ø 0.12in (3mm)	2
C1-B-F-X	CH16FAN1C1SEW	CH16FAN1C1SEB	4.33in (110mm)	0.46in (11.6mm)	3.48in (88.4mm)	Ø 0.12in (3mm)	2
C1-C-F-X	CH16FAN0M2SEW	CH16FAN0M2SEB	7.87in (200mm)	0.46in (11.6mm)	3.48in (88.4mm)	Ø 0.12in (3mm)	3
C1-3-F-X	CH16FAN0M5SEW	CH16FAN0M5SEB	19.68in (500mm)	1.14in (29mm)	3.48in (88.4mm)	Ø 0.12in (3mm)	6
C1-5-F-X	CH16FAN01MSEW	CH16FAN01MSEB	39.37in (1000mm)	0.54in (13.8mm)	3.48in (88.4mm)	Ø 0.12in (3mm)	12

STAINLESS STEEL PROFILE - CLIP

It uses grade 316 stainless steel with excellent property of deformation and rust resistance. The material makes it suitable for humid coastal surroundings and weak acid-base industrial environments that other mounting profiles can't accommodate. The structural design and material characteristics collectively ensure a tight clamping force. It's very convenient and reliable even for suspended installation in the curve shape. Please refer to install manual for proper installation practices.



ORDER CODE	LEGACY ORDER CODE	STANDARD LENGTH	SLOTTED HOLE	HOLE #
S1-2-F-1	CL16RSS3C5SD	1.38in (35mm)	ø 0.18in (4.5mm)	3

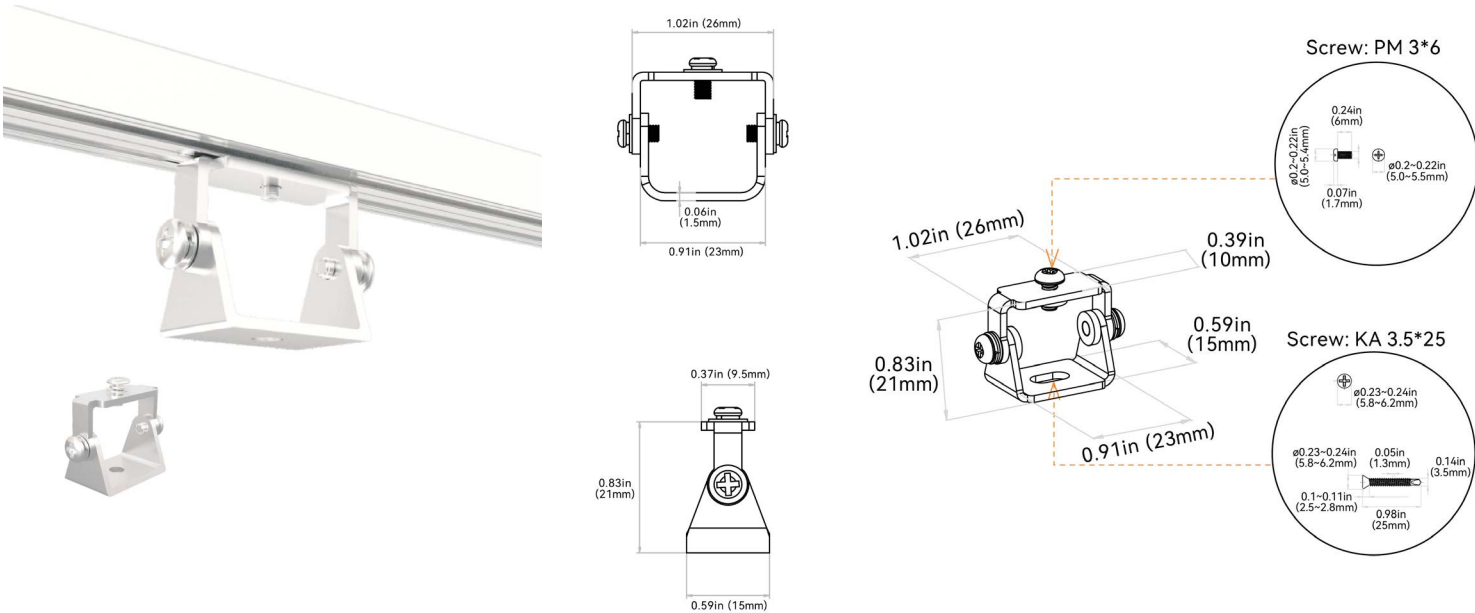
G

MOUNTING ACCESSORIES

MOUNTING ACCESSORY TYPE	PROFILE
MA1 = Pivot Bracket	F = Wave
MA2 = Rotary Bracket	
MA3 = Side Bracket	
MA4 = Ceiling Clip	
MA5 - Suspended Rod + Clip	
MA6 = Suspended Wire Kit	
MA7 = Alignment Bracket - Aluminum Basic	
MA8 = Alignment Bracket - Aluminum Silicone Grip	

PIVOT BRACKET

Applicable to all mounting profiles.



VIVID WAVE - CORE: SILICONE - 24V

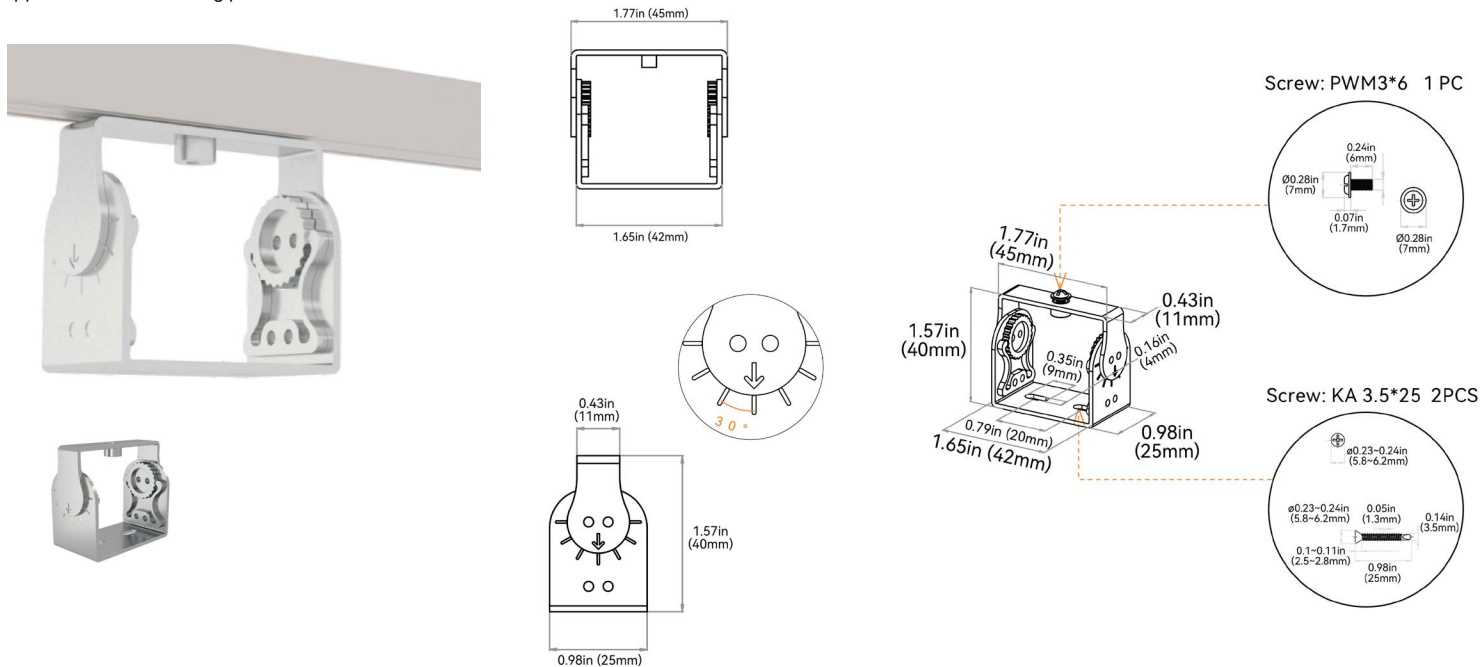
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



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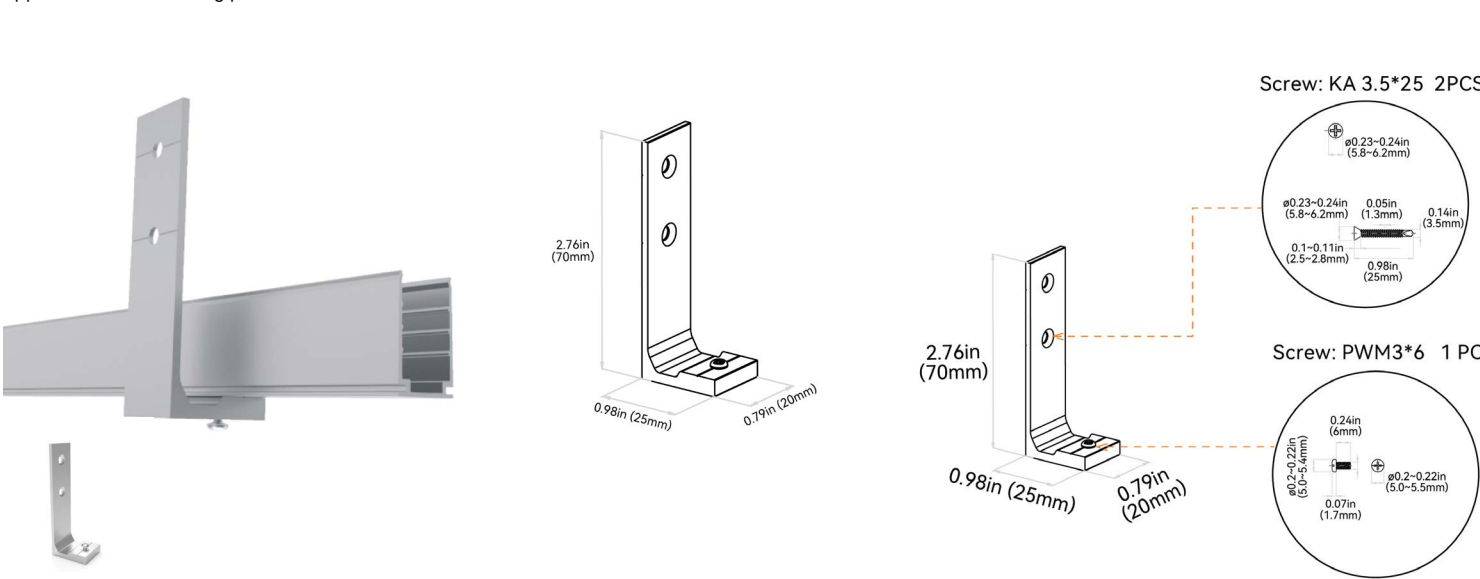
ROTARY BRACKET

Applicable to all mounting profiles.



SIDE MOUNTING BRACKET

Applicable to all mounting profiles.



VIVID WAVE - CORE: SILICONE - 24V

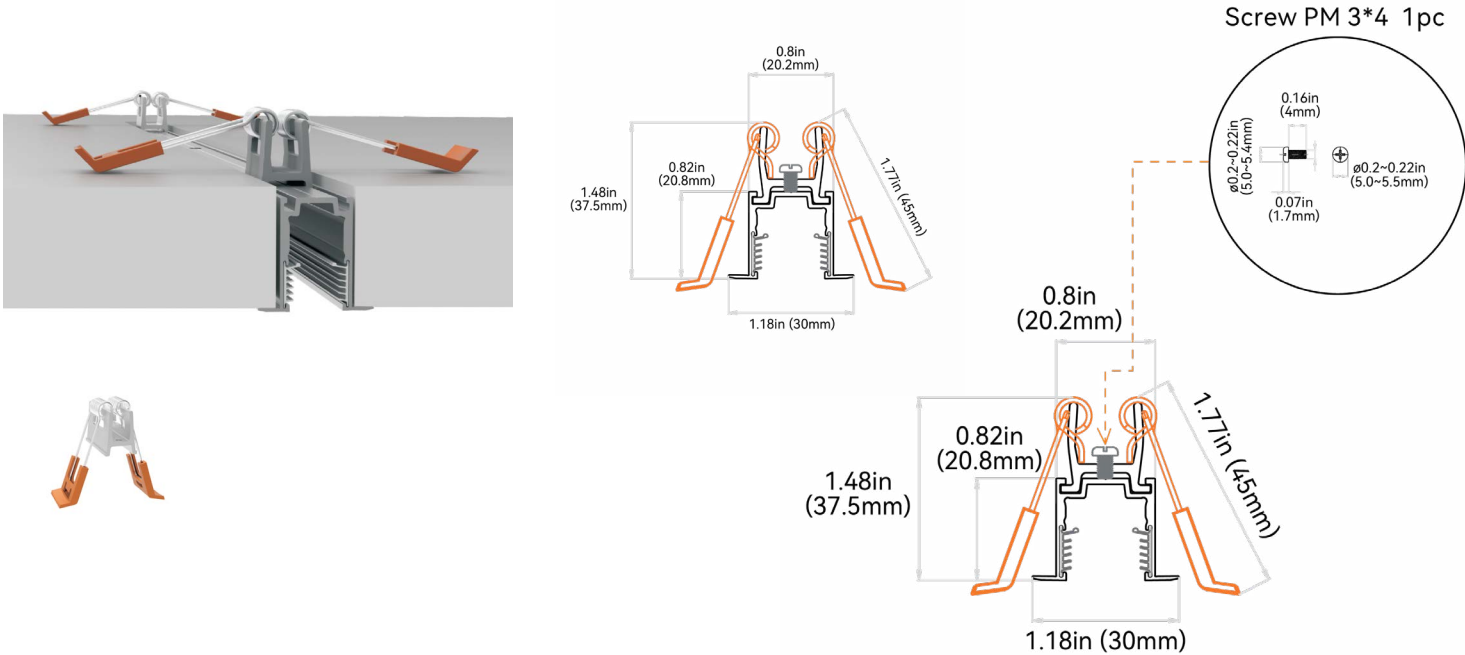
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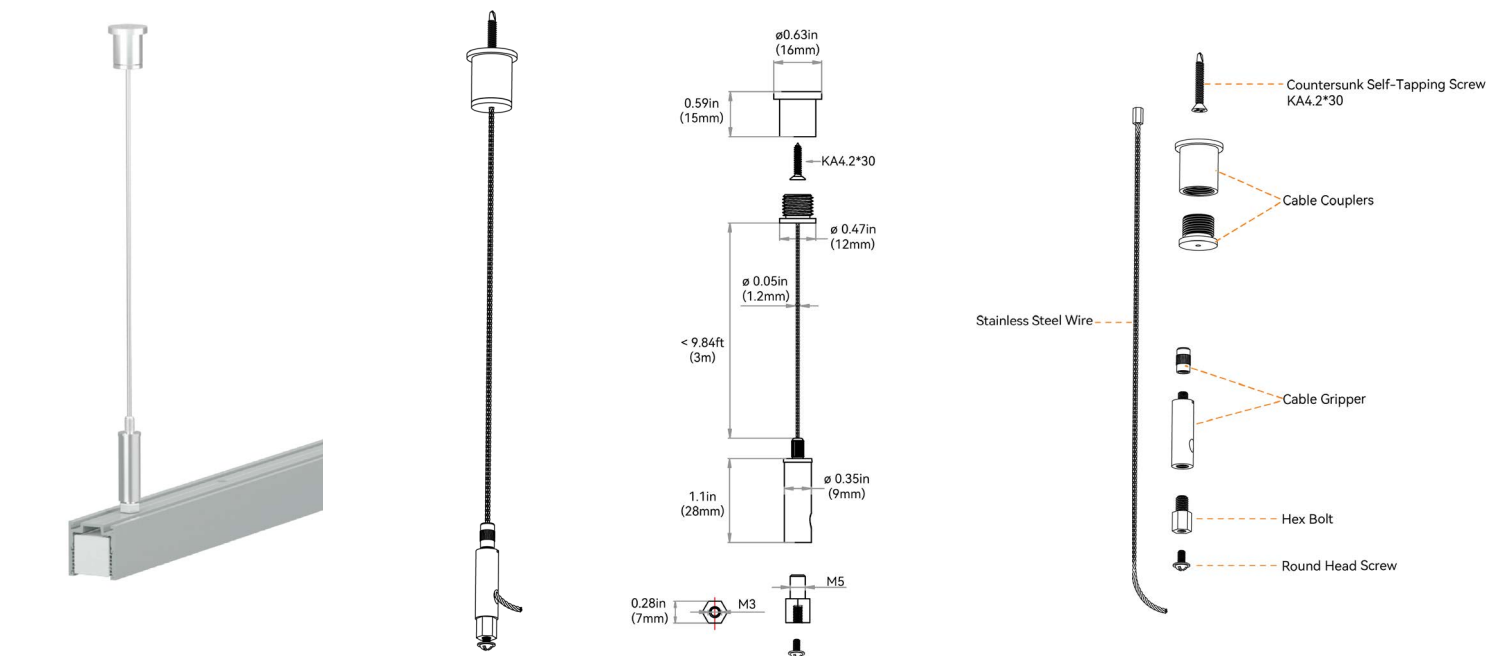
CEILING CLIP BRACKET

Applicable to aluminum profile - recessed - silicone grip



SUSPENDED WIRE

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



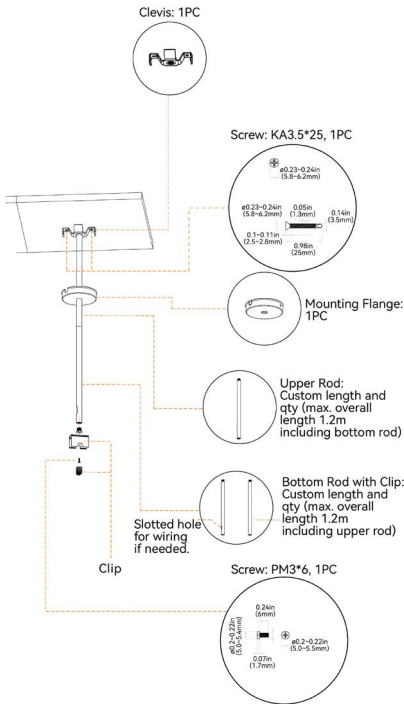
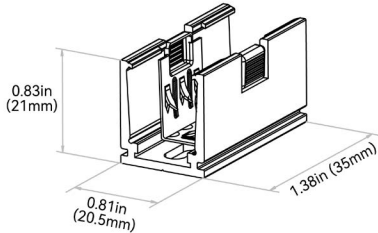
VIVID WAVE - CORE: SILICONE - 24V

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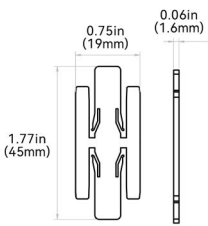
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SUSPENDED MOUNTING CLIP + ROD



ALIGNMENT BRACKET - ALUMINUM BASIC

Applicable to aluminum basic



ALIGNMENT BRACKET - ALUMINUM SILICONE GRIP

Applicable to aluminum silicone grip

