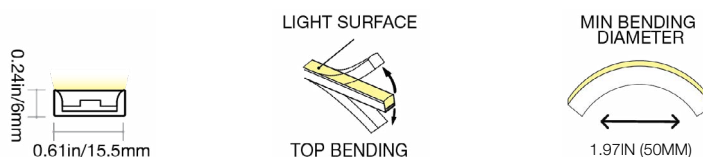


## VIVID LIGHTSTRIP: SILICONE - 24V

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



### PROFILE CAPABILITIES



### CERTIFICATIONS & FEATURES



### TEMPERATURES

#### AMBIENT OPERATING TEMPERATURE:

1.82W/ft (6W/m): -40°F to 149°F (-40°C to 65°C)  
2.43W/ft (8W/m): -40°F to 140°F (-40°C to 60°C)  
3.66W/ft (12W/m): -40°F to 131°F (-40°C to 55°C)

#### AMBIENT INSTALLATION TEMPERATURE:

-40°F to ~131°F (-40°C to ~55°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	I = LightStrip	2 = Top	N = Transparent + Transparent	1 = Static	A = Amber B = Blue C = Green E = Red H = 2200K J = 2700K L = 3000K M = 3500K N = 4000K Q = 5700K R = 6500K	1 = Epistar SMD LED Chip Colors 2 = Epistar SMD LED Chip + CRI80 Whites

C		D	E	F	G
POWER	VOLTAGE + CIRCUIT TYPE	ORDER UNIT LENGTH*	OUTPUT CONNECTOR	MOUNTING PROFILE	MOUNTING ACCESSORIES
C = 1.82W/ft (6W/m) Whites D = 2.43W/ft (8W/m) Amber Red G = 3.66W/ft (12W/m) Blue Green Whites	2C = 24V DC CC	F = 3.28in (83.3mm) Blue Green Whites H = 4.92in (125mm) Amber Red I = 6.56in (166.7mm) Whites	See Page 6 to select output connector	See Page 16 to select mounting profile	See Page 22 to select accessory
				POWER SUPPLIES & CONTROLS:	
				By Others By GLLS	

Note: Maximum IP and IK ratings achievable with appropriate accessories, and cable diameter: silicone static = 0.26in (6.5mm). The Constant Current (CC) Integrated Circuit extends max run length. Do not use a CC power supply, as it may cause damage.

# VIVID LIGHTSTRIP: 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 transparent silicone jacket and lens cover provide a sleek look that reveals the internal LEDs, delivering crisp, vibrant light with maximum brightness and color accuracy—ideal for applications where LED visibility enhances visual impact.

### 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 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 UL1598/2388 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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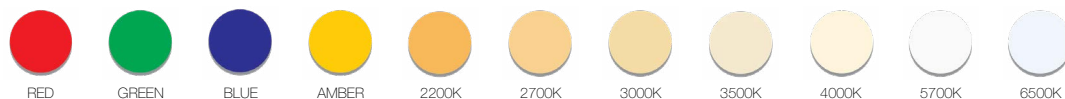
# VIVID LIGHTSTRIP: SILICONE - 24V

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



B

## LED COLORS



## FIXTURE SPECIFICATIONS & OPTICAL PARAMETERS: 2.43W/FT (8W/M) + 3.66W/FT (12W/M)

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	Epistar SMD LED Chip	21 LEDs/ft (72 LEDs/m)	65.6ft (20m) / N/A	131.2ft (40m) / N/A	N/A	618-624nm	N/A	<3nm	91lm/ft (300lm/m)	SS15GC082WERED24DC
GREEN	Epistar SMD LED Chip	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	N/A	522-528nm	N/A	<3nm	213.4lm/ft (700lm/m)	SS15GC122WEGRE24DC
BLUE	Epistar SMD LED Chip	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	N/A	468-474nm	N/A	<3nm	52lm/ft (170lm/m)	SS15GC122WEBLU24DC
AMBER	Epistar SMD LED Chip	21 LEDs/ft (72 LEDs/m)	65.6ft (20m) / N/A	131.2ft (40m) / N/A	N/A	588-594nm	N/A	<3nm	91lm/ft (300lm/m)	SS15GC082WEAMB24DC
2200K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	2238 ± 66K	82~87	<2.3SDCM	213.4lm/ft (700lm/m)	SS15GC122WE22K24DC
2700K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	2725 ± 85K	82~87	<2.3SDCM	244lm/ft (800lm/m)	SS15GC122WE27K24DC
3000K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	3045 ± 105K	82~87	<2.3SDCM	274lm/ft (900lm/m)	SS15GC122WE30K24DC
3500K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	3465 ± 245K	82~87	<2.3SDCM	274lm/ft (900lm/m)	SS15GC122WE35K24DC
4000K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	3985 ± 150K	82~87	<2.3SDCM	274lm/ft (900lm/m)	SS15GC122WE40K24DC
5700K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	5669 ± 305K	82~87	<2.3SDCM	274lm/ft (900lm/m)	SS15GC122WE57K24DC
6500K	Epistar SMD LED Chip + CRI80	21 LEDs/ft (72 LEDs/m)	49.2ft (15m) / N/A	98.4ft (30m) / N/A	3 SDCM	6532 ± 340K	82~87	<2.3SDCM	274lm/ft (900lm/m)	SS15GC122WE65K24DC

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 LIGHTSTRIP: SILICONE - 24V

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



## B

### LED COLORS



### FIXTURE SPECIFICATIONS & OPTICAL PARAMETERS: 1.82W/FT (6W/M)

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
2200K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	2238 ± 66K	82~87	<2.3SDCM	107lm/ft (350lm/m)	SS15GC062WE22K24DC
2700K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	2725 ± 85K	82~87	<2.3SDCM	122lm/ft (400lm/m)	SS15GC062WE27K24DC
3000K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	3045 ± 105K	82~87	<2.3SDCM	137lm/ft (450lm/m)	SS15GC062WE30K24DC
3500K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	3465 ± 245K	82~87	<2.3SDCM	137lm/ft (450lm/m)	SS15GC062WE35K24DC
4000K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	3985 ± 150K	82~87	<2.3SDCM	137lm/ft (450lm/m)	SS15GC062WE40K24DC
5700K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	5669 ± 305K	82~87	<2.3SDCM	137lm/ft (450lm/m)	SS15GC062WE57K24DC
6500K	Epistar SMD LED Chip + CRI80	11 LEDs/ft (36 LEDs/m)	98.4ft (30m) / N/A	196.8ft (60m) / N/A	3 SDCM	6532 ± 340K	82~87	<2.3SDCM	137lm/ft (450lm/m)	SS15GC062WE65K24DC

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 LIGHTSTRIP: SILICONE - 24V

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



C

## POWER & VOLTAGE

**D = 2.43W/FT (8W/M) + G = 3.66W/ft (12W/m)**

COLOR	VOLTAGE + CIRCUIT TYPE	POWER CONSUMPTION
RED	24V DC CC	2.43W/ft (8W/m)
GREEN		3.66W/ft (12W/m)
BLUE		
AMBER		
2200K		2.43W/ft (8W/m)
2700K		
3000K		3.66W/ft (12W/m)
3500K		
4000K		
5700K		
6500K		

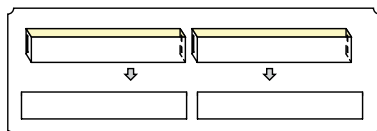
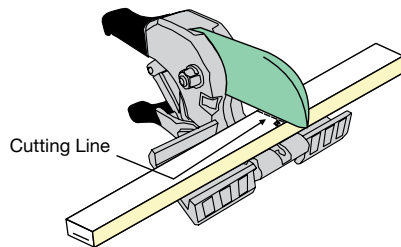
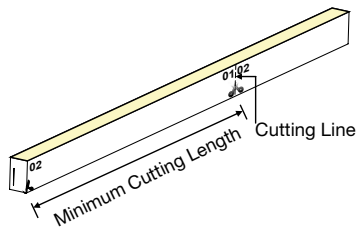
**C = 1.82W/FT (6W/M)**

COLOR	VOLTAGE + CIRCUIT TYPE	POWER CONSUMPTION
2200K	24V DC CC	1.82W/ft (6W/m)
2700K		
3000K		
3500K		
4000K		
5700K		
6500K		

The Constant Current (CC) Integrated Circuit extends max run length. Do not use a CC power supply, as it may cause damage.

D

## CUTTING INSTRUCTIONS



**D = 2.43W/FT (8W/M) + G = 3.66W/ft (12W/m)**

COLOR	ORDER UNIT (CUTTING UNIT)
RED	4.92in (125mm) (9 LEDs)
GREEN	3.28in (83.3mm) (6 LEDs)
BLUE	
AMBER	4.92in (125mm) (9 LEDs)
2200K	3.28in (83.3mm) (6 LEDs)
2700K	
3000K	
3500K	
4000K	
5700K	3.28in (83.3mm) (6 LEDs)
6500K	

**C = 1.82W/FT (6W/M)**

COLOR	ORDER UNIT (CUTTING UNIT)
2200K	6.56in (166.7mm) (6 LEDs)
2700K	
3000K	
3500K	
4000K	
5700K	
6500K	



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# VIVID LIGHTSTRIP: 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)
7 = Snap	A = End Exit B = Bottom Exit C = Side Left Exit D = Side Right Exit E = End Jumper G = Side Jumper H = Power T-Feed Y = Middle Connector 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
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

### LEGACY CONNECTOR ORDER CODE

XX	15G	1	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	15G = LightStrip	1 = Top	00 = 15G	2W = Static 3W = Tunable White/SPI-Pixel 4W = RGB 5W = RGBW 0W = For End Cap	SC = Snap SE = Seamless	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



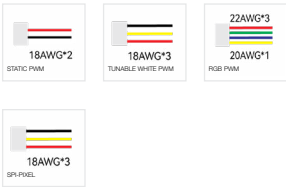
# VIVID LIGHTSTRIP: SILICONE - 24V

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



## E

### SNAP CONNECTOR

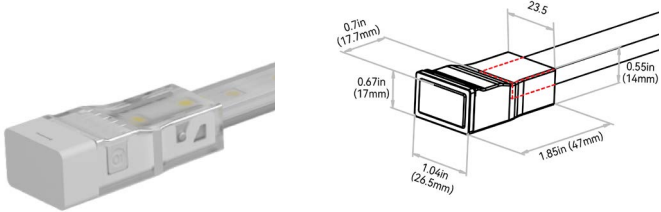
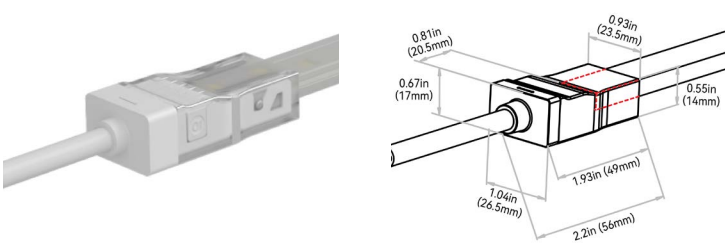


- NOTES:
- 1. Connector Tolerance  $\pm 0.02\text{in}$  (0.5mm)
  - 2. Cable diameter: Static, Tunable, RGB & SPI Silicone = 0.26in (6.5mm)
  - 3. Do not apply force to the feed cable
  - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop

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.

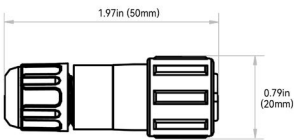
#### END EXIT: 7-A-#

#### END CAP: 7-I-8

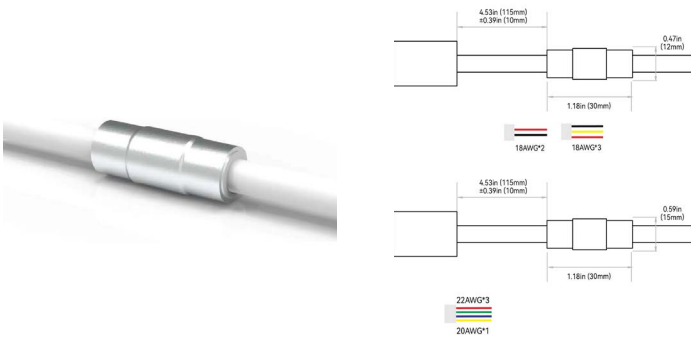


### SCREW LOCK CONNECTOR ACCESSORY - IP67

### 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.



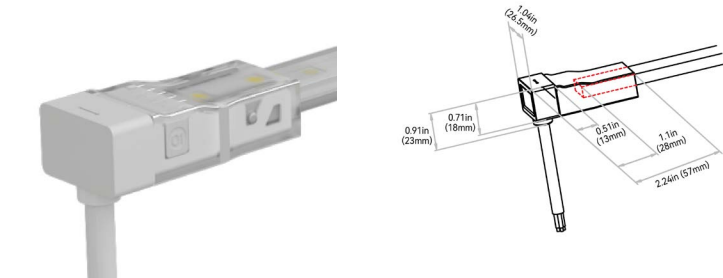
# VIVID LIGHTSTRIP: SILICONE - 24V

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

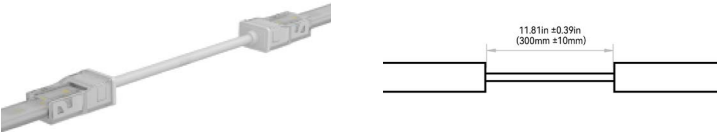


E

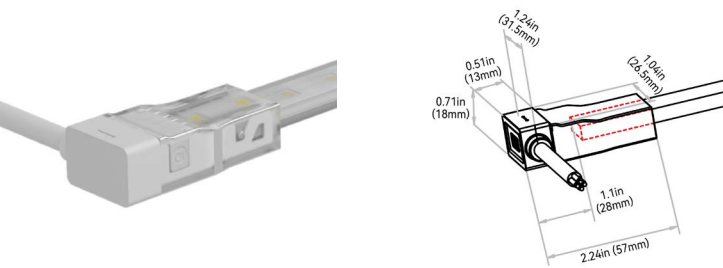
BOTTOM EXIT: 7-B-#



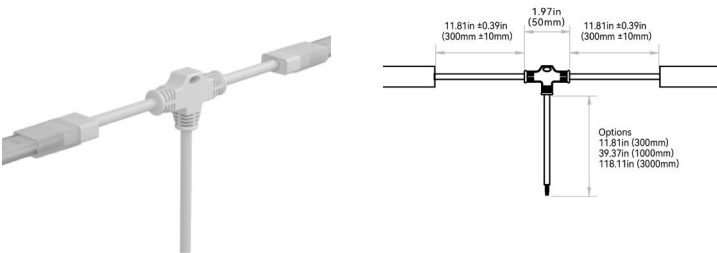
END JUMPER: 7-E-1



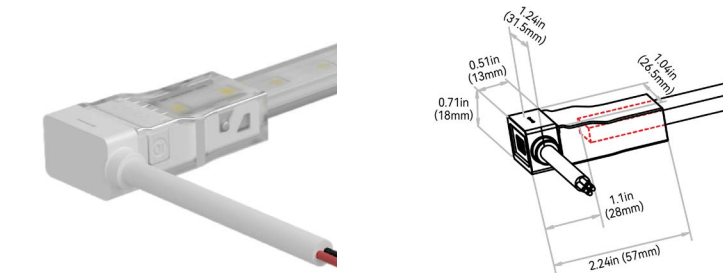
SIDE LEFT EXIT: 7-C-#



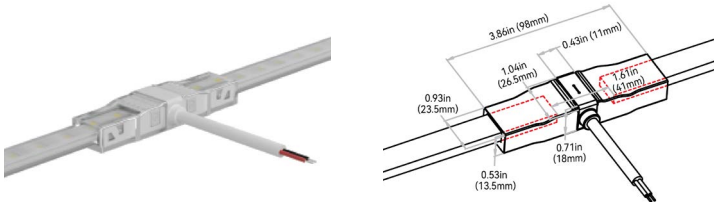
POWER T-FEED: 7-H-#



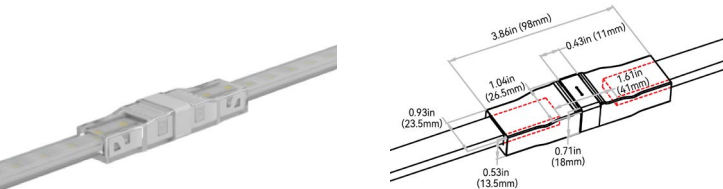
SIDE RIGHT EXIT: 7-D-#



SIDE JUMPER: 7-G-#



MIDDLE CONNECTOR : 7-Y-#





# VIVID LIGHTSTRIP: SILICONE - 24V

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



## E

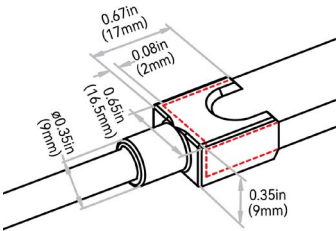
### SILICONE SEAMLESS CONNECTOR



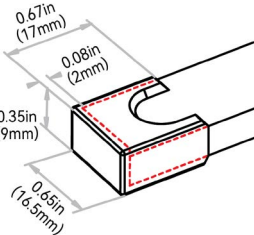
- NOTES:
- 1. Connector Tolerance  $\pm 0.02$ in (0.5mm)
  - 2. Cable diameter: Static, Tunable, RGB, RGBW & SPI Silicone = 0.26in (6.5mm)
  - 3. Do not apply force to the feed cable
  - 4. Ensure Max. Cable Lengths are followed according to wire gage to avoid voltage drop

IP67; 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.

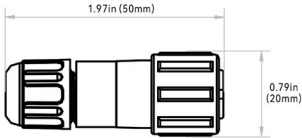
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### END CAP: 2-I-8

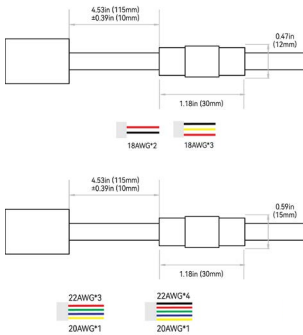


### SCREW LOCK CONNECTOR ACCESSORY - IP67



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.



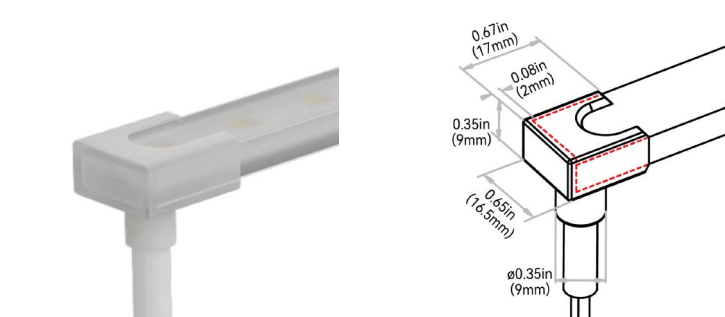
# VIVID LIGHTSTRIP: SILICONE - 24V

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

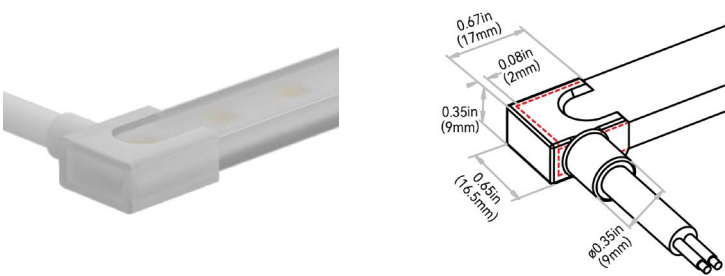


E

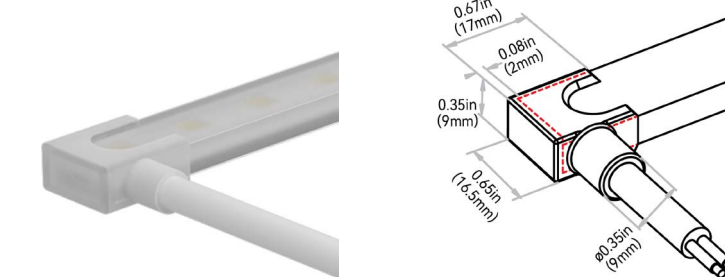
BOTTOM EXIT: 2-B-#



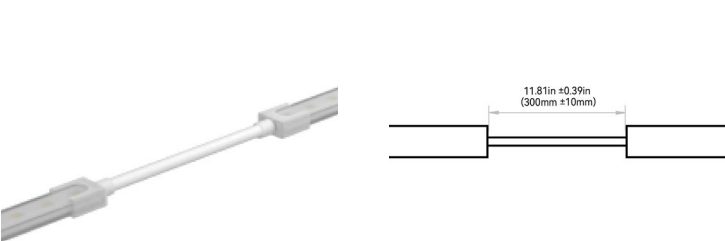
SIDE LEFT EXIT: 2-C-#



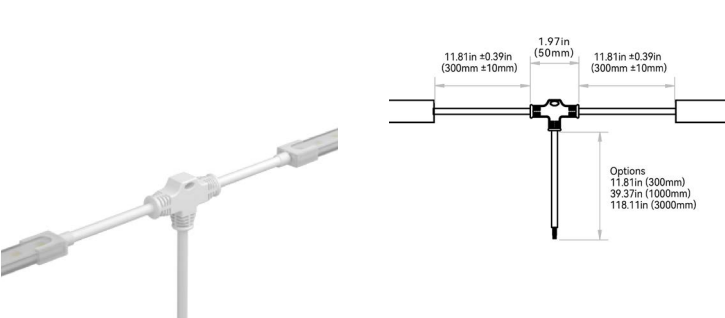
SIDE RIGHT EXIT: 2-D-#



END JUMPER: 2-E-1



POWER T-FEED: 2-H-#



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



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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)	I = LightStrip	1 = Standard
A12 = Aluminum Transparent Cover	3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A13 = Aluminum Transparent Cover Compact	3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A14 = Aluminum Diffused Cover	3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
A15 = Aluminum Diffused Cover Compact	3 = 19.68in (500mm) 5 = 39.37in (1000mm) 6 = 78.74in (2000mm)		
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)		



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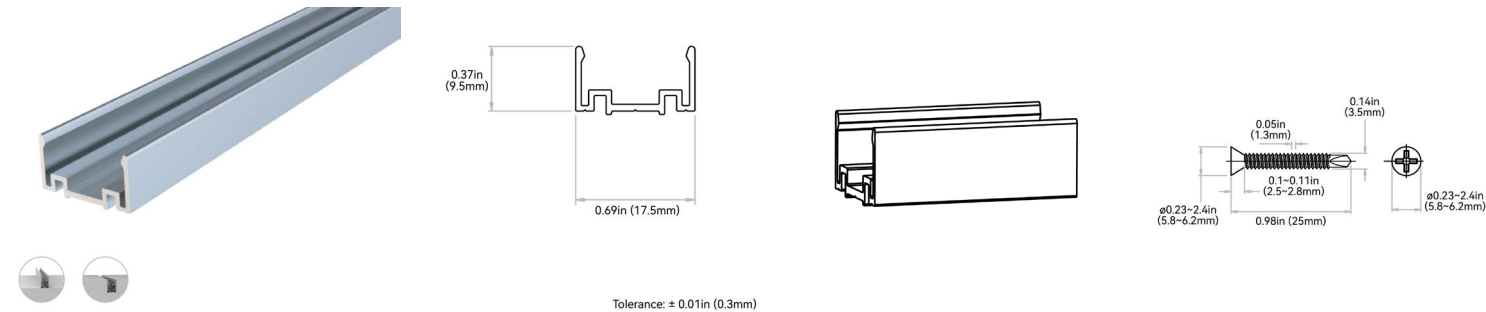
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



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### 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..

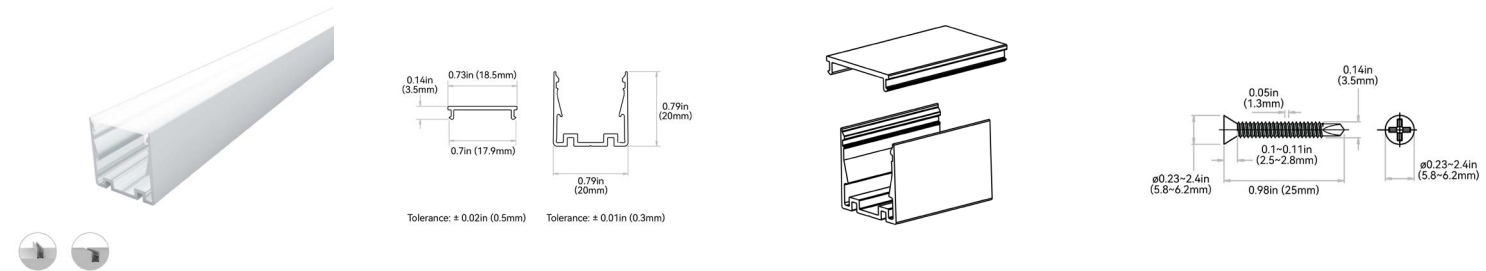


NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.  
"N" hereby stands for its corresponding "Hole Number" in the below table

ORDER CODE	LEGACY CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A1-2-I-1	CL15RAL3C5SD	1.38in (35mm)	0.69in (17.5mm)	N/A	0.16"0.39in (4*10mm)	1
A1-3-I-1	CH15RAL0M5SD	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16"0.39in (4*10mm)	3
A1-5-I-1	CH15RAL01MSD	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16"0.39in (4*10mm)	5
A1-6-I-1	CH15RAL02MSD	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16"0.39in (4*10mm)	10

### ALUMINUM PROFILE - TRANSPARENT COVER

It is composed of 6063 aluminum profile and transparent cover with different light transmittance, and caters for various scenarios with special demands on brightness and light diffusion. The transparent cover effectively decreases the glare, avoids the direct impact on the light surface from an external force, and blocks dust to reduce the influence on the brightness and color, prolonging the light lifespan. 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 #
A12-3-I-1	CH15CCA0M520	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16"0.39in (4*10mm)	3
A12-5-I-1	CH15CCA01M20	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16"0.39in (4*10mm)	5
A12-6-I-1	CH15CCA02M20	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16"0.39in (4*10mm)	10



# VIVID LIGHTSTRIP: SILICONE - 24V

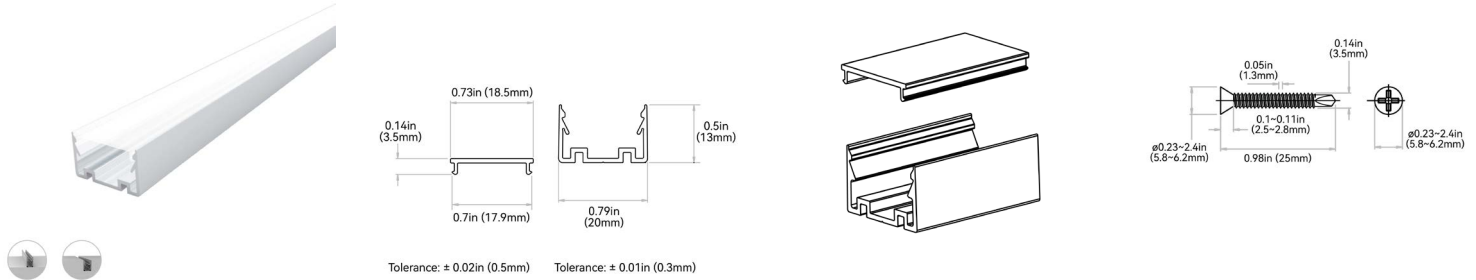
Indoor & Outdoor Rated Linear Flex Profile - Static Whites & Colors



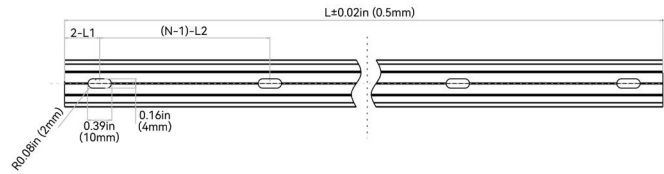
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## ALUMINUM PROFILE - TRANSPARENT COVER - COMPACT

It is composed of 6063 aluminum profile in a compact height and transparent cover with different light transmittance, and caters for various scenarios with special demands on brightness and light diffusion. The transparent cover effectively decreases the glare, avoids the direct impact on the light surface from an external force, and blocks dust to reduce the influence on the brightness and color, prolonging the light lifespan. Please refer to install manual for proper installation practices.



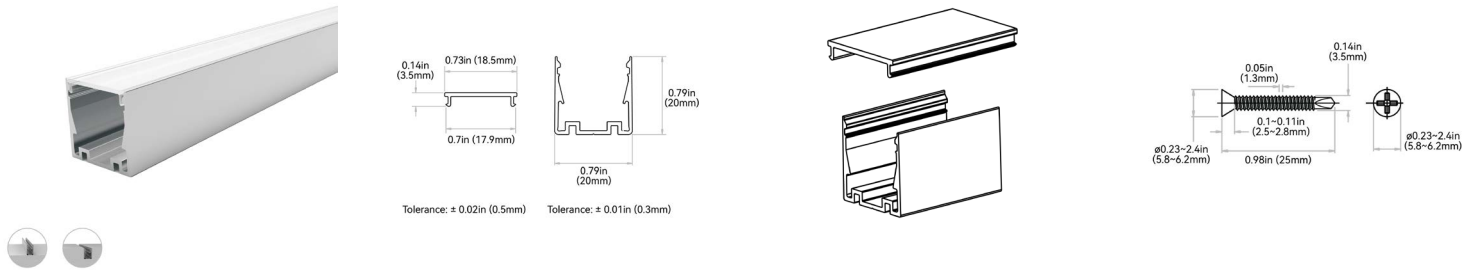
NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.  
"N" hereby stands for its corresponding "Hole Number" in the below table



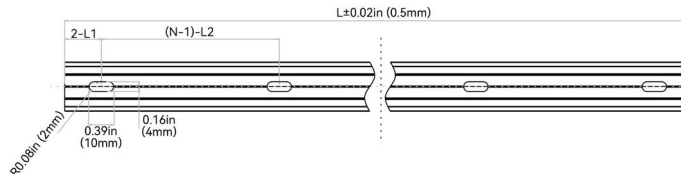
ORDER CODE	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A13-3-I-1	CH15CCA0M513	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A13-5-I-1	CH15CCA01M13	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A13-6-I-1	CH15CCA02M13	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	10

## ALUMINUM PROFILE - DIFFUSED COVER

It is composed of 6063 aluminum profile and diffused cover with different light transmittance, and caters for various scenarios with special demands on brightness and light diffusion. The diffused cover effectively decreases the glare, avoids the direct impact on the light surface from an external force, and blocks dust to reduce the influence on the brightness and color, prolonging the light lifespan. 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 #
A14-3-I-1	CH15WCA0M520	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A14-5-I-1	CH15WCA01M20	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A14-6-I-1	CH15WCA02M20	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	10



# VIVID LIGHTSTRIP: SILICONE - 24V

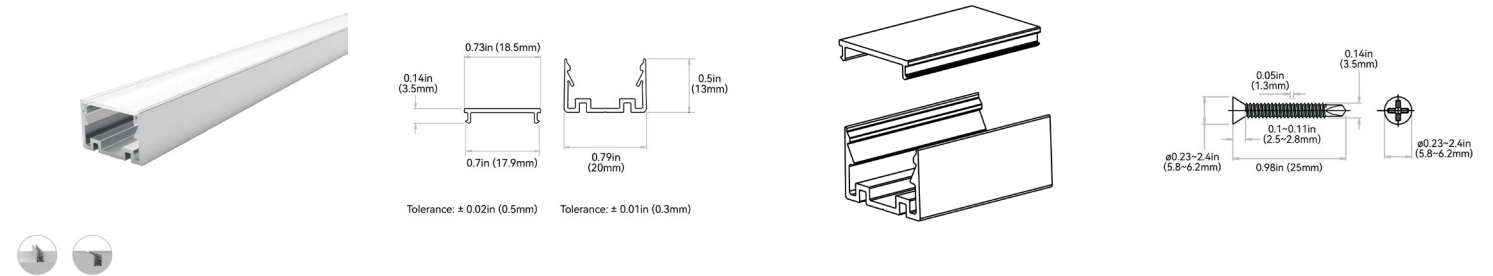
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### ALUMINUM PROFILE - DIFFUSED COVER - COMPACT

It is composed of 6063 aluminum profile in a compact height and diffused cover with different light transmittance, and caters for various scenarios with special demands on brightness and light diffusion. The diffused cover effectively decreases the glare, avoids the direct impact on the light surface from an external force, and blocks dust to reduce the influence on the brightness and color, prolonging the light lifespan. Please refer to install manual for proper installation practices.

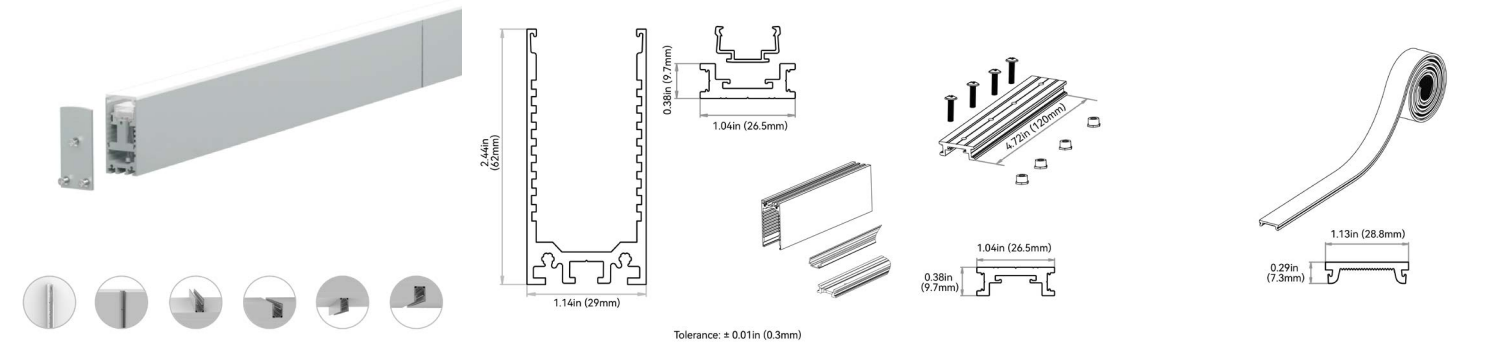


NOTES: 1. 2-L1 refers to two of symmetric L1 in each piece of profile.  
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.  
"N" hereby stands for its corresponding "Hole Number" in the below table

ORDER CODE	LEGACY ORDER CODE	STANDARD LENGTH	L1	L2	SLOTTED HOLE	HOLE #
A15-3-I-1	CH15WCA0M513	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	3
A15-5-I-1	CH15WCA01M13	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	5
A15-6-I-1	CH15WCA02M13	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.16*0.39in (4*10mm)	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-I-1	CH15RAL0M5RS	19.68in (500mm)	1.97in (50mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	3
A8-5-I-1	CH15RAL01MRS	39.37in (1000mm)	3.93in (100mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	5
A8-6-I-1	CH15RAL02MRS	78.74in (2000mm)	3.93in (100mm)	7.87in (200mm)	0.18*0.47in (4.5*12mm)	10



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



ALUMINUM PROFILE - RACEWAY - SUSPENDED

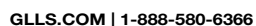
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Technical drawing of a cable tray showing dimensions and tolerances:

- Overall length:  $L \pm 0.02 \text{ in (0.5 mm)}$
- Width:  $3.15 \text{ in (80 mm)}$
- Height:  $0.08 - 0.07 \text{ in (2 - 52.5 mm)}$
- Spacing:  $4 \times \emptyset 0.17 \text{ in (4.2 mm)}$
- Cable Hole:  $\emptyset 0.39 \text{ in (10 mm)}$
- Bottom Flange:  $0.79 \text{ in (20 mm)}$

Technical drawing of the T Bracket assembly. The top part shows an exploded view of the T Bracket, a mounting plate, and a screw. The bottom part shows a side view of the assembly with the following dimensions:

- Top flange width:  $\phi 0.63 \text{ in}$  (16mm)
- Top flange height: 0.59 in (15mm)
- Mounting plate thickness: 0.17 in (4.2mm) \*30
- Threaded section diameter:  $\phi 0.47 \text{ in}$  (12mm)
- Threaded section length:  $\phi 0.05 \text{ in}$  (1.2mm)
- Total height of assembly:  $\approx 118.11 \text{ in}$  (3m)
- Bottom flange height: 1.1 in (28mm)
- Bottom flange width:  $\phi 0.35 \text{ in}$  (9mm)
- Bottom flange thread: M5



GLLS reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance. REV. 20250730

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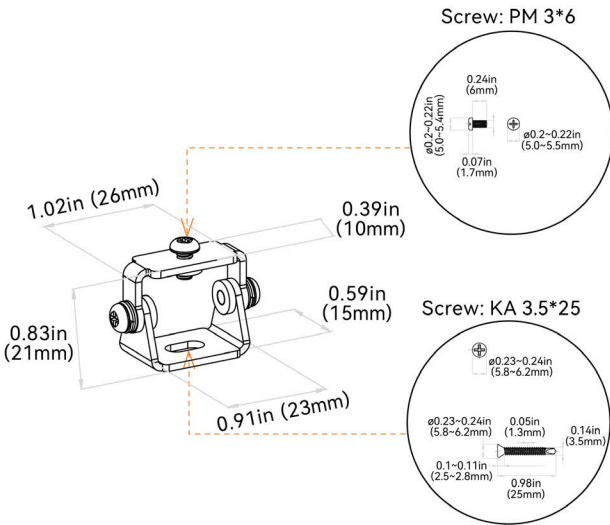
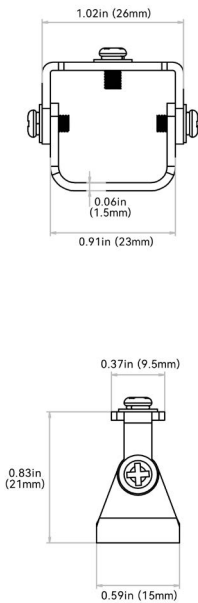
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### MOUNTING ACCESSORIES

MOUNTING ACCESSORY TYPE	PROFILE
MA1 = Pivot Bracket	I = LightStrip
MA2 = Rotary Bracket	
MA3 = Side Bracket	

### PIVOT BRACKET

Applicable to all mounting profiles.





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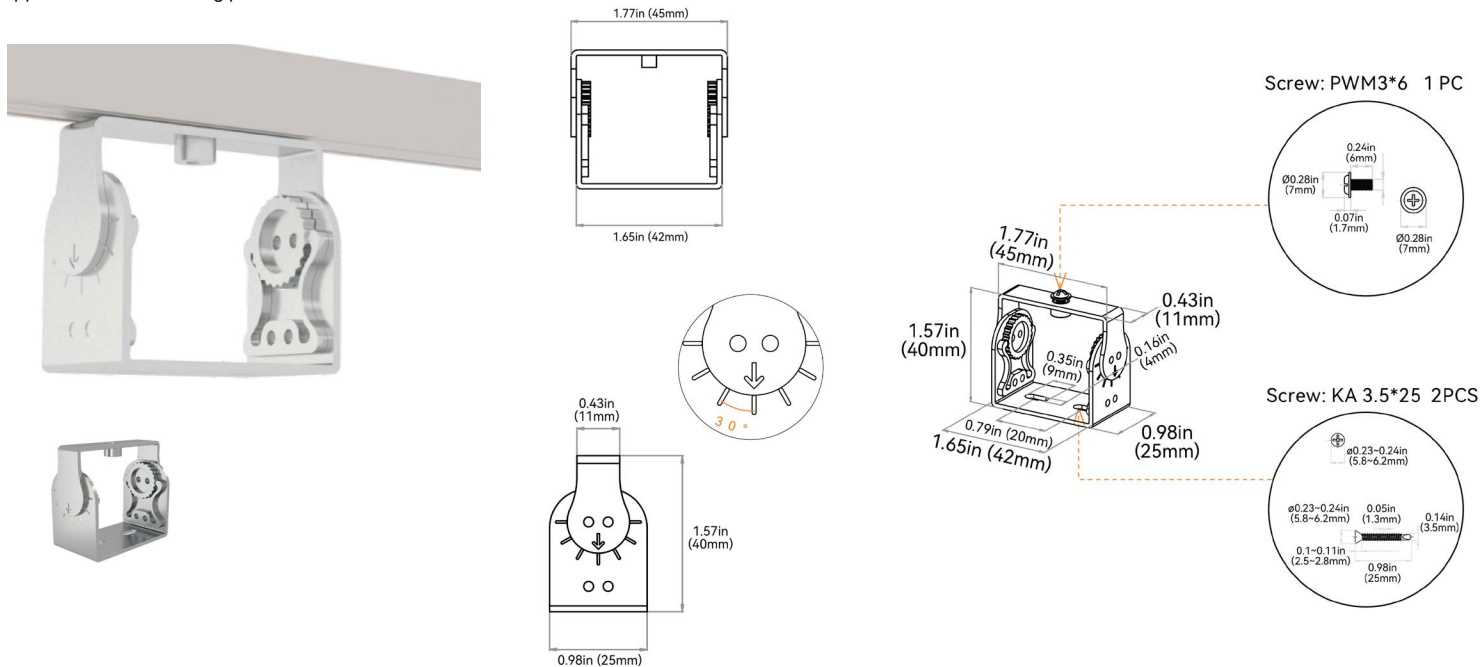
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## G

### ROTARY BRACKET

Applicable to all mounting profiles.



### SIDE MOUNTING BRACKET

Applicable to all mounting profiles.

