

Version 1.0 | 2022

VIVID

Light Strip

PWM RGBW

SILICONE 24V



For More Information

Call: 1 (888) 580-6366

Visit: gills.com/contact-us



Light Dimension	0.61 x 0.24in (15.5x6mm)		
Output	RGBW		
LED Light	SMD LED Chip		
Max Run Length	*Due to the fragility of five-wire light fixtures, GLLS does not recommend exceeding lengths longer than 16.4ft(5m).		
Single Feed	Full Load: 26.24ft (8m)	Dynamic Load: 39.36ft (12m)	
Double Feed	Full Load: 52.48ft (16m)	Dynamic Load: 78.72ft (24m)	
Light Surface	Flat profile 160°		
Lumen Maintenance	IES LM84 IES TM28		

Electrical

Input Voltage	24V DC		
Power Consumption	4.57W/ft (15W/m)		

Physical

LED Count	18 LEDs/ft (60 LEDs/m)		
Cutting Unit Length	3.94in (100mm) (6 LEDs)		
Thermal Management	Free air convection		
Fixture Connections	End, side & bottom lead wires		
Minimum Bend Diameter	1.97in (50mm) (Top Bending)		

Temperature Ranges

Installation	-40°F to 122°F (-40°C to 50°C)		
Operating	-40°F to 113°F (-40°C to 45°C)		
Max. Surface	185°F (85°C)		
Humidity	0-95% non condensing		

Dependability

Warranty	10 Year Limited Warranty		
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Safety

Testing	Tested to UL & CSA by Underwriters Laboratory for use in USA and Canada, complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377A, CE & RoHS Compliant.		
Certifications	Testing Organization	Certificate Serial N°	Report Reference
UL 2108	UL	E347880	E347880-20130503
CE-EMC	SGS	SZEM1712012372LMV	SZEM171201237201
IP Rating	IP67 With appropriately rated accessories.		

Optical Parameters




Available Colors

Color	Wavelength/CCT
Red	618-624nm
Green	522-530nm
Blue	468-474nm
2700K	2725 ± 85K
3000K	3045 ± 140K
4000K	3985 ± 150K
6500K	6532 ± 340K

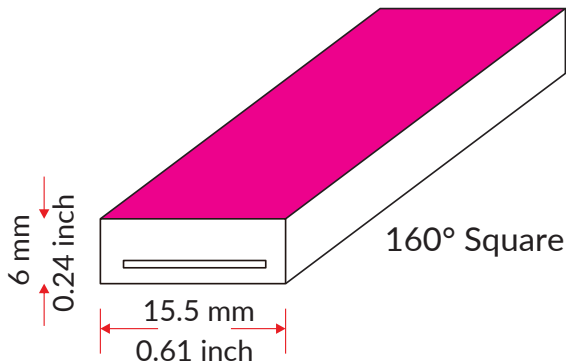
Lumen Count

Top Bending

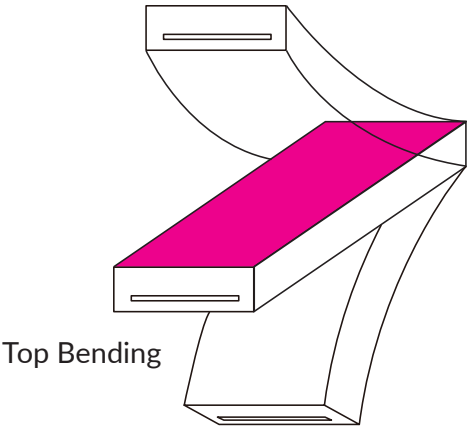
Color	Per Foot	Per Meter
Red	32lm	102lm
Green	85lm	280lm
Blue	17lm	55lm
2700K	85lm	280lm
3000K	85lm	280lm
4000K	85lm	280lm
6500K	85lm	280lm

								
Beam Angle	Bending Diameter	Flame Resistant	UV Resistant	Solvents Resistant	Saltwater Resistant	IP67 Protection	IK07 Protection	10 Year Warranty

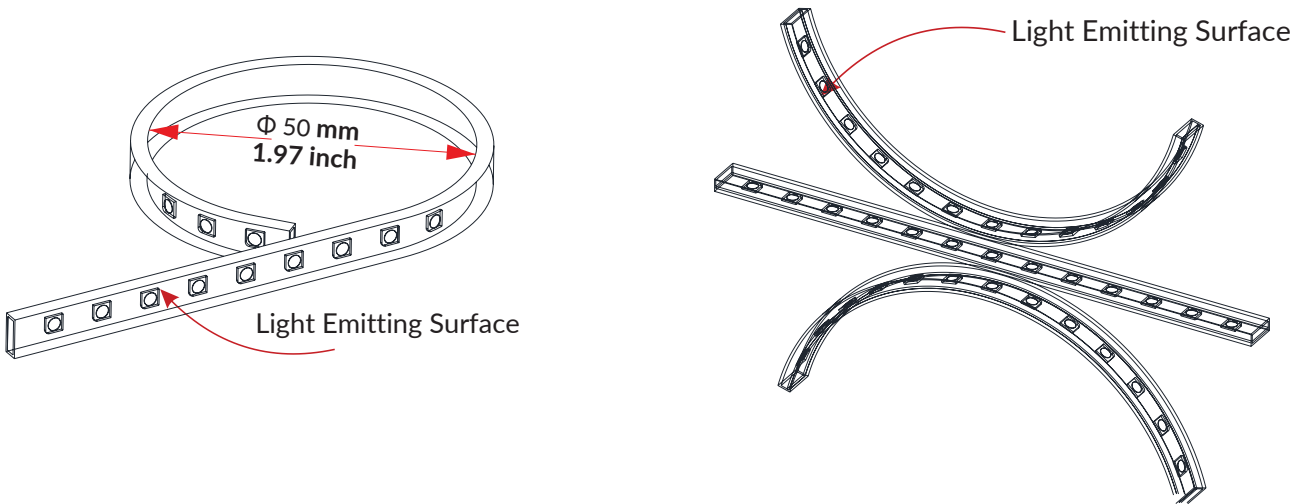
Light Profile



Bending Direction



Minimum Bending Diameter



Fixtures

SS-15G-C-15-5W-E-**XXX**-24DV

LED Color (3 digits)

LED Color (3 digits)
R27 - RGBW (2700K)
R30 - RGBW (3000K)
R40 - RGBW (4000K)
R65 - RGBW (6500K)

Lead Connector

SS-15G-I-00-5W-SE-**X-XX-XXX**-S

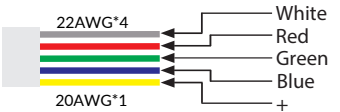
Length (3 digits)
Exit Type (2 Digits)
For Fixture End (1 Digit)

For Fixture End (1 digit)	Exit Type (2 digits)	Length (3 digits)
1 - Input side	EN - End	0M3 - 0.98ft (30cm)
2 - Output side	BO - Bottom	01M - 3.28ft (1m)
0 - Jumpers/ Seamless Bottom/ Seamless End	SL - Side left	03M - 9.84ft (3m)
	SR - Side right	05M - 16ft (5m)
	EJ - End jumper	10M - 32.81ft (10m)
	BJ - Bottom jumper	000 - For End Cap
	SJ - Side jumper	



For full part number naming rules, please refer to the document on <https://www.glls.com/documentation/>

IP67: Factory Assembly only.

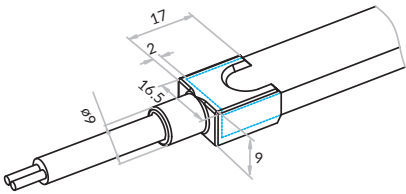


(Dimensions: mm)

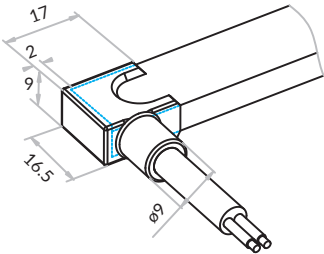
Seamless



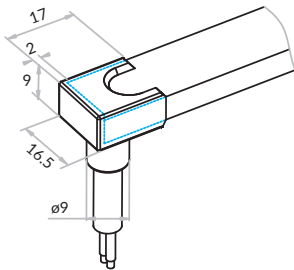
Seamless End Exit
SS-15G-I-00-5W-SE-0-EN-XXX-S



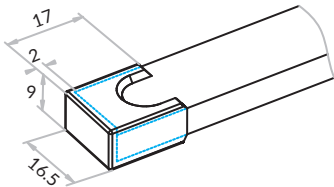
Seamless Side Exit
SS-15G-I-00-5W-SE-1-SR-XXX-S
SS-15G-I-00-5W-SE-2-SL-XXX-S



Seamless Bottom Exit
SS-15G-I-00-5W-SE-0-BO-XXX-S

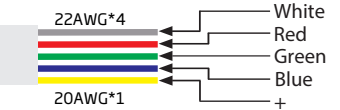


Seamless End Cap
SS-15G-I-00-0W-SE-1-EC-000-P
SS-15G-I-00-0W-SE-2-EC-000-P



Seamless Jumper
SS-15G-I-00-5W-SE-0-EJ-XXX-S





Barrel Connectors

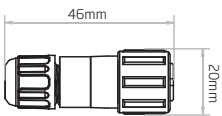


Barrel Connectors

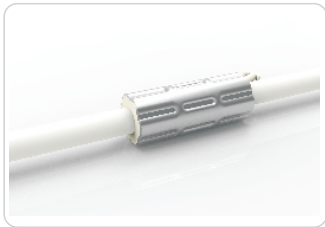
NA-XX-BC-DC-CXX-F
NA-XX-BC-DC-CXX-M

NA-XX-BN-XXA-CXX-F
NA-XX-BN-XXA-CXX-M

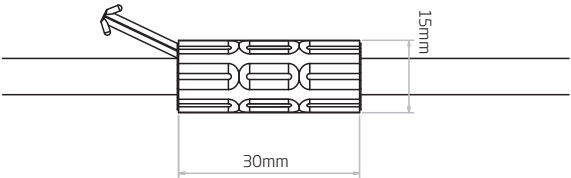
NA-XX-PL-XXA-CXX-F
NA-XX-PL-XXA-CXX-M



Anti-Wicking Ferrule



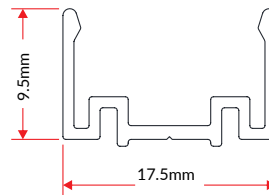
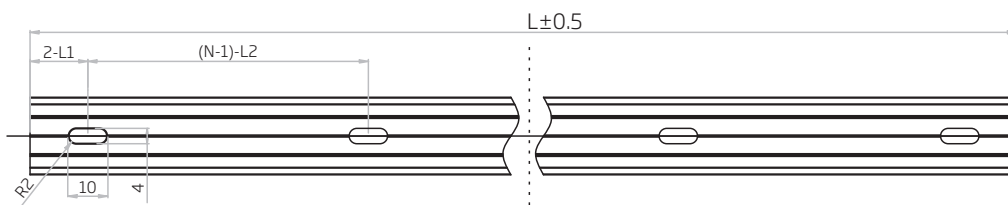
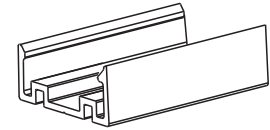
Anti-wicking Ferrule



Standard Aluminum Channel



(Dimensions: mm)

Tolerance: $\pm 0.2\text{mm}$ 

Note

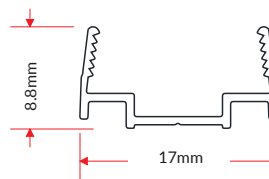
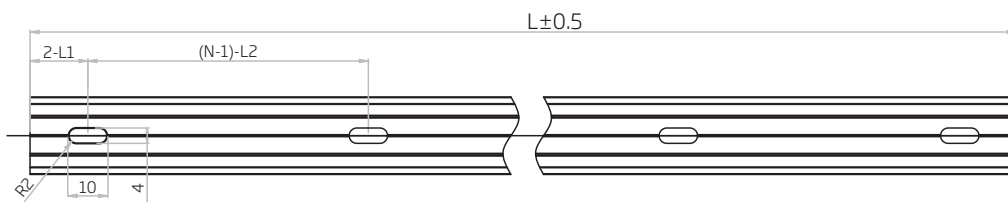
1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile. "N" hereby stands for its corresponding "Hole Number" in the below table

W x H	Standard Length	Part Number	L1	L2	Screw Hole	Hole #
0.69 x 0.37in (17.5 x 9.5mm)	1.38in (35mm)	CL-15-R-AL-3C5-SD	0.69in (17.5mm)	/	0.39x0.16in(10x4mm)	1
	19.69in (500mm)	CH-15-R-AL-0M5-SD	1.97in (50mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	3
	39.37in (1000mm)	CH-15-R-AL-01M-SD	3.94in (100mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	5
	78.74in (2000mm)	CH-15-R-AL-02M-SD	3.94in (100mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	10

Plastic Channel



(Dimensions: mm)

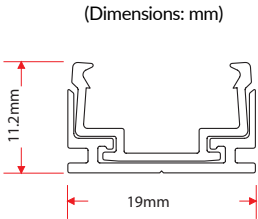
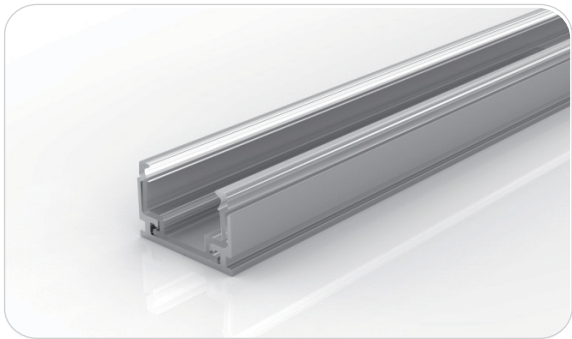
Tolerance: $\pm 0.2\text{mm}$ 

Note:

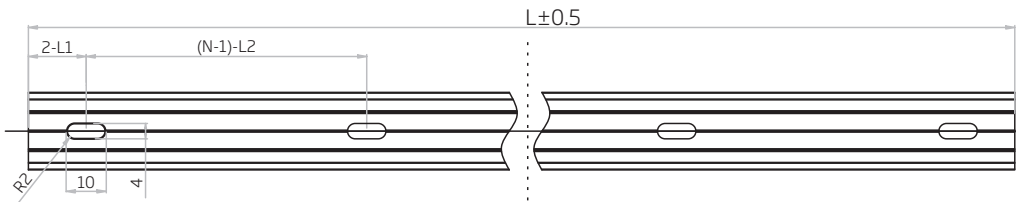
1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile. "N" hereby stands for its corresponding "Hole Number" in the below table

W x H	Standard Length	Part Number	L1	L2	Screw Hole	Hole #
0.67 x 0.35in (17 x 8.8mm)	1.38in (35mm)	CL-15-R-PL-3C5-SD	0.69in (17.5mm)	/	0.39x0.16in(10x4mm)	1
	19.69in (500mm)	CH-15-R-PL-0M5-SD	1.97in (50mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	3
	39.37in (1000mm)	CH-15-R-PL-01M-SD	3.94in (100mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	5
	78.74in (2000mm)	CH-15-R-PL-02M-SD	3.94in (100mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	10

Plastic-Aluminum Channel



Tolerance: ±0.2mm



- Note:
- 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

W x H	Standard Length	Part Number	L1	L2	Screw Hole	Hole #
0.75 x 0.44in (19 x 11.2mm)	1.37in (35mm)	CL-15-R-AP-02C-SD	0.69in (17.5mm)	/	0.39x0.16in(10x4mm)	1
	19.69in (500mm)	CH-15-R-AP-0M5-SD	1.97in (50mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	3
	39.37in (1000mm)	CH-15-R-AP-01M-SD	3.94in (100mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	5
	78.74in (2000mm)	CH-15-R-AP-02M-SD	3.94in (100mm)	7.87in (200mm)	0.39x0.16in(10x4mm)	10