



Sorenson Lighted Controls
Illuminating Innovation™

RU RGB Flex Lite

New Product Release - Now available Waterproof RGB!



Features

- UL, CE and RoHS compliant
- Available sealed, unsealed, dustproof and waterproof
- Long Life – over 50,000hrs
- UV resistant
- Extremely high luminous flux with a wide viewing angle (120 Degrees)
- PCB Color - Standard
 - Sealed: White - IP 67 Sealing
 - Unsealed: Brown
 - Dustproof: Brown or Black- IP 54 Sealing
 - Waterproof: White - IP 68 Sealing
- Temperature Range: -45C to +85C
- Flexible RGB:
 - Max Current 6A at 12V (per reel)
 - 5050 SMD LED
 - Max Watts: 72
- Working Voltage 12VDC (24VDC available please contact factory)
- Very flexible and easily curved to any shape
- Wide Applicability and easy to install and maintain
- Environmentally friendly, Energy saving
- 3M double back tape mounting for unsealed and dustproof

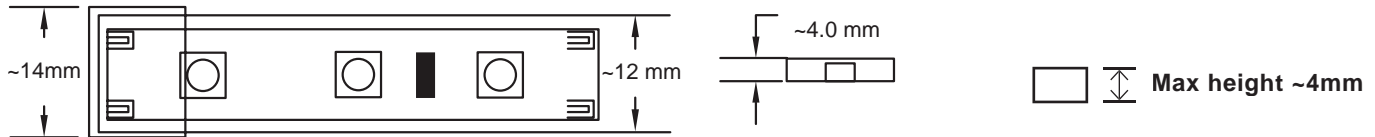
For Information:

800.275.7089 • 860.527.3092

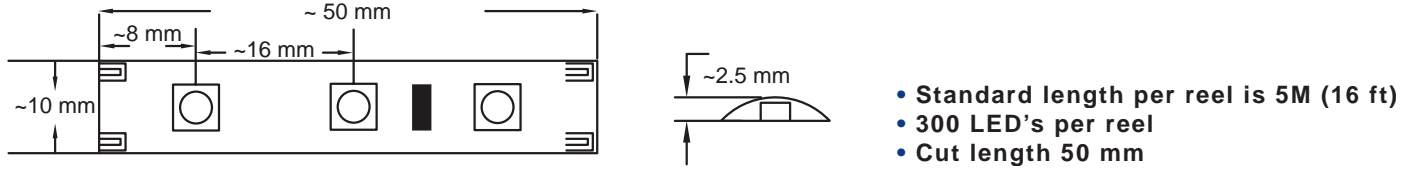
sales@solico.com • www.solico.com

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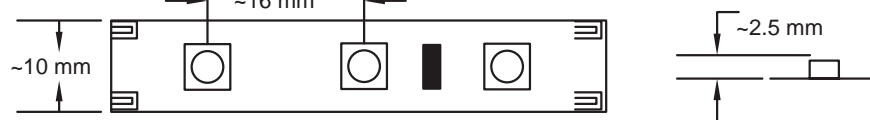
Sealed / Waterproof



Dustproof



Unsealed



- Standard length per reel is 5M (16 ft)
- 300 LED's per reel
- Cut length 50 mm
- 3 LED's per cut length
- Wire gauge, 20 ga

Typical Data on a 12 inch cut section

Total Length In inches	Number of LEDs	Color	Current Draw	Power (per foot)	Color	CCT/ Wavelength	Single LED Luminous Flux / Intensity	Luminous Flux per Intensity per foot
12	18	RGB	360mA	4.32W	RED	630 nm	250mcd	4500mcd
					GREEN	525 nm	700mcd	12600mcd
					BLUE	470 nm	150mcd	2700mcd

Recommended Accessories - Sealed and Waterproof Flex Lites only.

RG-WIRRGB-000	Wire cap with hole RGB
RG-ENDRGB-000	End cap without hole RGB
RG-MTGRGB-000	RGB color flexible strip mounting bracket

Power Accessories *

Recommended Waterproof Power Supplies	
RG-PC12V8-110	1 Reel – 16 Feet

Recommended Non-Waterproof Power Supplies	
RG-P12V8A-AD0	1 Reel – 16 Feet

Recommended RGB Controllers	
9 Button Controller	RG-RGBCON-000
24 button Controller	RG-RGBCN1-000
44 button Controller	RG-RGBCN2-000

* For additional power supplies see accessory list

Note: If you are using the cut sections of the RU RGB, 30 W power supply is possible. Calculate the total length using the following formula

RG-PC12V2.5-110	1 ft = 4.32 Watts	12V 2.5 Amps WaterProof (30W)
RG-PC12V5-110	1 ft = 4.32 Watts	12V 5 Amps WaterProof (60W)
RG-P12V3A-AD0	1 ft = 4.32 Watts	12V 3 Amps Non-Waterproof (36W)
RG-P12V5A-AD0	1 ft = 4.32 Watts	12V 5 Amps Non-Waterproof (60W)

Ordering Format

<u>XX</u>	<u>XX</u>	-	<u>X</u>	-	<u>X</u>	<u>X</u>	-	<u>XXX</u>	-	<u>X</u>	<u>XXX</u>		
RU	Voltage	Type	Code	Style	Code	Length	Code	Color	Code	Length In Inches	Type	Code	Code
	14	LED	12	Unsealed	U	6 inch	L	RGB	M	192 (1 Reel)	Reel	R	000
	28	LED	13	Sealed	S						Cut	C	
				Dustproof	D						Assembly	A	
				Waterproof	W								

Contact Factory for Special Colors • For special requests or 24 volts, contact sales.