



Sorenson Lighted Controls
Illuminating Innovation™

RI RGB Flex Lite

New Product Release - Intelligent Flex Lite



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 65 Sealing
 - Waterproof: White - IP 68 Sealing
- Temperature Range: -45C to +85C
- Flexible RGB:
 - Max Current 3A at 12V (per reel)
 - 5050 SMD LED
 - Max Watts: 36
- Working Voltage 12VDC ± 5% (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

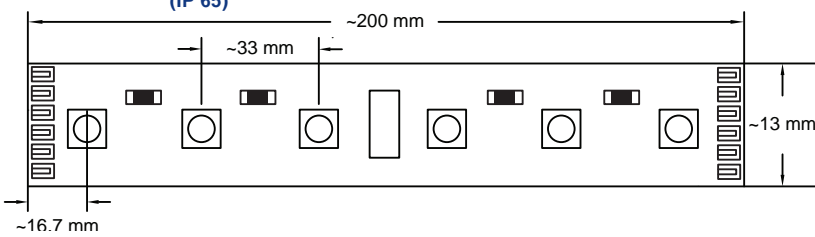
For Information:

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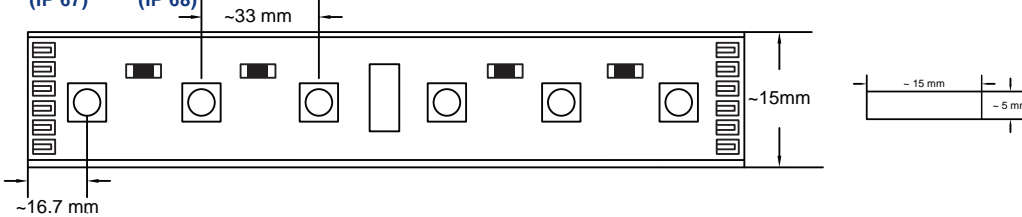
RI RGB Flex Lite

Unsealed / Dustproof (IP 65)



- Standard length per reel is 5M (16 ft)
- 150 LED's per reel
- 6 LED's per cut length
- LED Spacing ~33mm
- Cut Length ~200mm

Sealed / Waterproof (IP 67) (IP 68)



Typical Data on a 16 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 16 in
16	12	RGB	240mA	2.88W	RED	630 nm	250mcd	3000mcd
					GREEN	525 nm	700mcd	8400mcd
					BLUE	470 nm	150mcd	1800mcd

Recommended Accessories for Intelligent Flex Lite

RG-RGBCRH-000 *	RGB Controller (87 FUNCTIONS)
RG-PYCONN-000	Connector Cable - On/Off Switch (Y Configuration)
RG-P12V5A-ADO	Non-Waterproof Power Supply RI Flex Lite Reel

* Contact Sales for information on all 87 functions.

Power Supplies - Note: Power (W) = Volts (V) X Current (A)

RG-P12V1A-ADO	12V 1A 12W	Controller	Non-Waterproof Power Supply For Controller
RG-P12V5A-ADO	12V 5A 60W	1 Reel - 16Ft	Non-Waterproof Power Supply RI Flex Lite Reel
RG-PC12V2.5-110	12V 2.5A 30W	Controller	Waterproof Power Supply
RG-PC12V5A-110	12V 5A 60W	1 Reel - 16Ft	Waterproof Power Supply

Note: If **RG-PYCONN-000** cable assembly with switch and Y configuration is used, **RG-P12V1A-ADO** power supply can be eliminated from the assembly

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>
RI		Voltage Type Code		Style Code		Length Code		Color Code		Length In Inches		Type Code		Code
	14	LED	12	Unsealed U Sealed S Dustproof D Waterproof W		6 inch	L	RGB	M	192 (1 Reel)		Reel R Cut C Assembly A		R C 000

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