Sorenson Lighted Controls
Illuminating Innovation™

RF Flex Lite

New Product Release

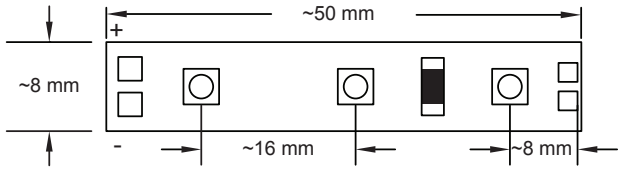
Features

- UL, CE and RoHS compliant
- Available sealed, unsealed and dustproof
- IP 67 Sealing (Sealed Model)
- IP 65 (dustproof model)
- Long Life – over 50,000hrs
- UV resistant
- Extremely high luminous flux with a wide viewing angle (120 Degrees)
- PCB Color - Standard
  - Sealed: White
  - Unsealed: Brown
  - Dustproof: Brown
  - Special Order: Black
- Temperature Range: -45C to +85C
- Flexible Single colors:
  - Max Current 2.0A at 12V (per reel)
  - 1210 (3528) SMD LED
  - Max Watts: 24
- 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

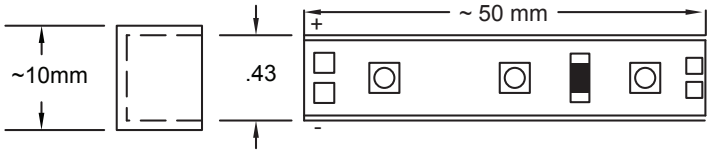
For Information:
800.275.7089 • 860.527.3092
sales@solico.com • www.solico.com

RF Flex Lite

Un-Sealed Flex-Lite

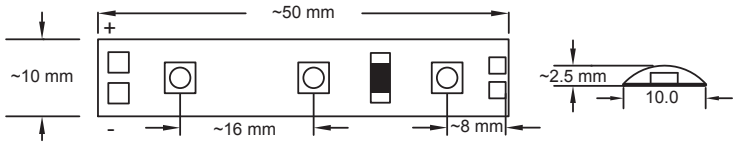


Sealed Flex-Lite



Max height 4mm

Dustproof Flex-Lite



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

Typical Data on a 12 inch cut section

Total Length (~300mm)	Number of LED's	Color	Current Draw	Power (per foot)	CCT / Wavelength	Single LED Luminous Flux / Intensity**	Luminous Flux per Intensity per Foot
12"	18	Red	120mA	1.44 W	630 nm	300mcd	5400mcd
12"	18	Green	120mA	1.44 W	525 nm	1000mcd	18,000mcd
12"	18	Blue	120mA	1.44 W	470 nm	220mcd	3960mcd
12"	18	Yellow	120mA	1.44 W	596 nm	400mcd	7200mcd
12"	18	Warm White	120mA	1.44 W	3000–3500k	4.5Lm's	81Lm's
12"	18	White	120mA	1.44 W	5000–5500k	4.5Lm's	81Lm's
12"	18	Pure White	120mA	1.44 W	6000–6500k	5Lm's	90Lm's

Recommended Accessories - Sealed Flex Lite only

Cap Accessories	Description
RG-WIRCAP-000	Wire Caps for the RF Flex Lites or (End cap with hole)
RG-ENDCAP-000	End Caps for RF Flex Lites or (End cap without hole)
RG-MTGUNO-000	RF Mounting Bracket or (Individual color flexible strip mounting bracket)

Power Accessories*

Recommended Waterproof Power Supply	
RG-PC12V2.5-110	1 Reel – 16 Feet
RG-PC12V5-110	2 Reel – 32 Feet

Recommended Non-Waterproof Power Supply	
RG-P12V3A-AD0	1 Reel – 16 Feet
RG-P12V5A-AD0	2 Reel – 32 Feet

*For additional power supplies see accessory list

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

RG-PC12V2.5-110	1 ft = 1.44 Watts	12V 2.5 Amps Waterproof
RG-P12V3A-AD0	1 ft = 1.44 Watts	12V 3 Amps Non-Waterproof

Ordering Format

XX	XX	–	X	–	X	X	–	XXX	–	X	XXX
RF	Voltage / Type / Code: 14 LED 12; 28 LED 13		Style / Code: Unsealed U; Sealed S; Dustproof D		Length / Code: 6 inch L	Color / Code: Red 1; Green 4; Blue 5; Yellow 8; Warm White 6; White W; Pure White P		Length In Inches: 192 (1 Reel)		Type / Code: Reel R; Cut C; Assembly A	Code: 000

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