



**Sorenson Lighted Controls**  
Illuminating Innovation™

# RH 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 3A at 12V (per reel)
  - 5050 SMD LED
  - Max Watts: 36
- 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

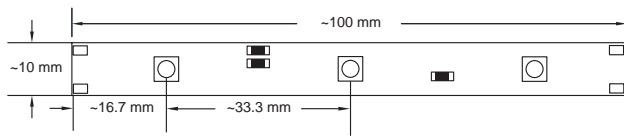
For Information:

800.275.7089 • 860.527.3092

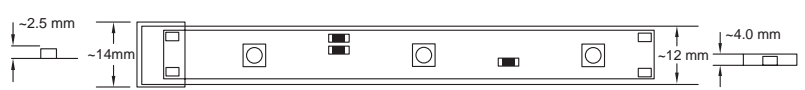
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# RH Flex Lite

## UNSEALED

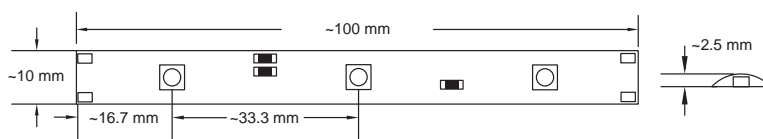


## SEALED



 Max height ~4mm

## DUSTPROOF



- Standard length per reel is 5M (16 ft)
- 150 LED's per reel

## Typical Data on a 12 inch cut section

Total Length in inches (~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"	9	Red	180mA	2.16 W	630 nm	900mcd	8100mcd
12"	9	Green	180mA	2.16 W	525 nm	2000mcd	18,000mcd
12"	9	Blue	180mA	2.16 W	470 nm	600mcd	5400mcd
12"	9	Yellow	180mA	2.16 W	596 nm	1000mcd	9000mcd
12"	9	Warm White	180mA	2.16 W	3000-3500k	13.5Lm's	122Lm's
12"	9	White	180mA	2.16 W	5000-5500k	13.5Lm's	122Lm's
12"	9	Pure White	180mA	2.16 W	6000-6500k	14.5Lm's	131Lm's

## Recommended Accessories - Sealed Flex Lite only

Cap Accessories	Description
RG-WIRCAP-010	Wire Cap for RH RU series single color
RG-ENDRGB-000	End Cap without hole
RG-MTGRGB-000	RH RU flexible strip mounting bracket

## Power Accessories \*

Recommended Waterproof Power Supply	
RG-PC12V5-110	1 Reel - 16 Feet
RG-PC12V8-110	2 Reel - 32 Feet

Recommended Non-Waterproof Power Supply	
RG-P12V5A-AD0	1 Reel - 16 Feet
RG-P12V8A-AD0	2 Reel - 32 Feet

\*For additional power supplies see accessory list

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

RG-PC12V2.5-110	1 ft = 2.16Watts	12V 2.5 Amps WaterProof
RG-P12V3A-AD0	1 ft = 2.16Watts	12V 3.0 Amps Non-WaterProof

## Ordering Format

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

Contact Factory for Special Colors

For special requests or 24 volts, contact sales.