

# NEONFLEX 12V AC RF KIT

## 12V AC RGBW Side Bend

Featuring a UV resistant PU construction, the NeonFlex is designed to withstand the elements while maintaining flexibility. This kit comes ready to use for any architectural accent. Achieve high performance energy efficient lighting control in all seasons.

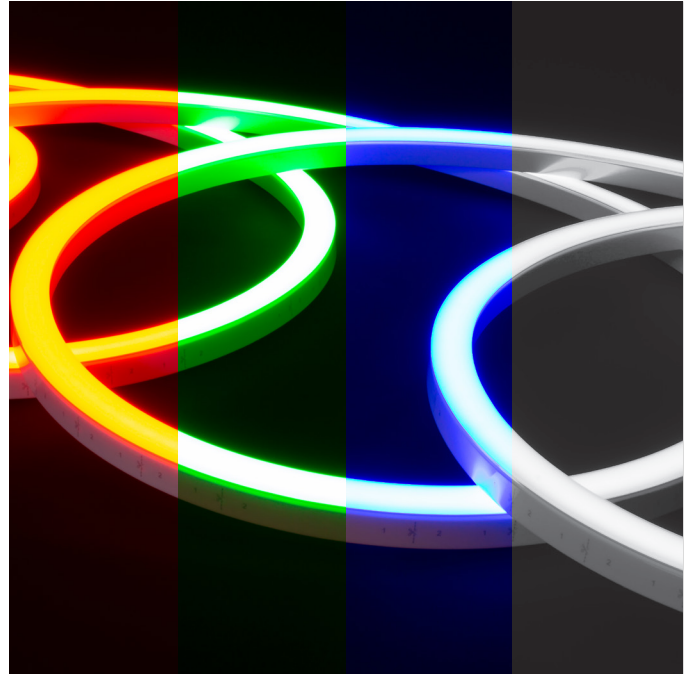
- 12V AC voltage input
- 140 lumen per foot performance
- Radio frequency controlled RGBW
- Direct view linear LED neon featuring lateral bend flexibility
- UV, flame, and saltwater resistant and IP67 rated
- Comprehensive kit is designed for fast and easy installs
- Cuttable every 1.4" with maximum run lengths up to 20ft
- UL Listed NeonFlex rated for outdoor use
- 50,000 hours rated life

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

CATALOG NUMBER: \_\_\_\_\_

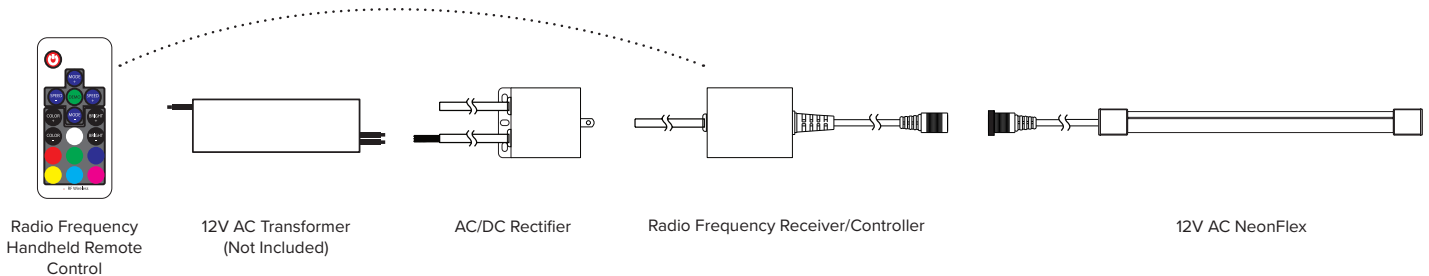


### NEONFLEX 12V AC QUICK SPECS

<b>VOLTAGE</b>	12V AC
<b>WATTAGE</b>	2.9W per foot
<b>LUMENS</b>	140Lm per foot
<b>COLOR/CCT</b>	RGBW
<b>CRI</b>	90+
<b>MAX RUN</b>	20ft (6m)
<b>CUTTING</b>	1.4" (35.6mm)
<b>IP RATING</b>	IP67
<b>DIMMING</b>	0-100% RF Controlled
<b>BEAM ANGLE</b>	120°
<b>OPERATING TEMP</b>	-4°C (25°F) to 60°C (140°F)
<b>CERTIFICATIONS</b>	UL Listed - Wet Locations
<b>RATED LIFE</b>	50,000



### NEONFLEX 12V AC QUICK SETUP



**NEONFLEX 12V AC RF KIT ORDERING INFORMATION**

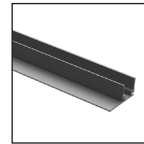
ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
RF-NFL-RGBW-12VAC-6MKIT	12V AC	RGBW	20ft (6m)	140Lm/ft	2.9W/ft	IP67	90+ (White)	1.4" (35.6mm)	20ft (6m)

Includes: (1) IP68 12V AC to 12V DC rectifier with 6ft bare wire lead, (1) Handheld radio frequency remote, (1) IP68 radio frequency inline LED controller/receiver with IP68 connector, (15) Aluminum "U" mounting clips, (2) end cap

**12V AC Transformer Not Included**

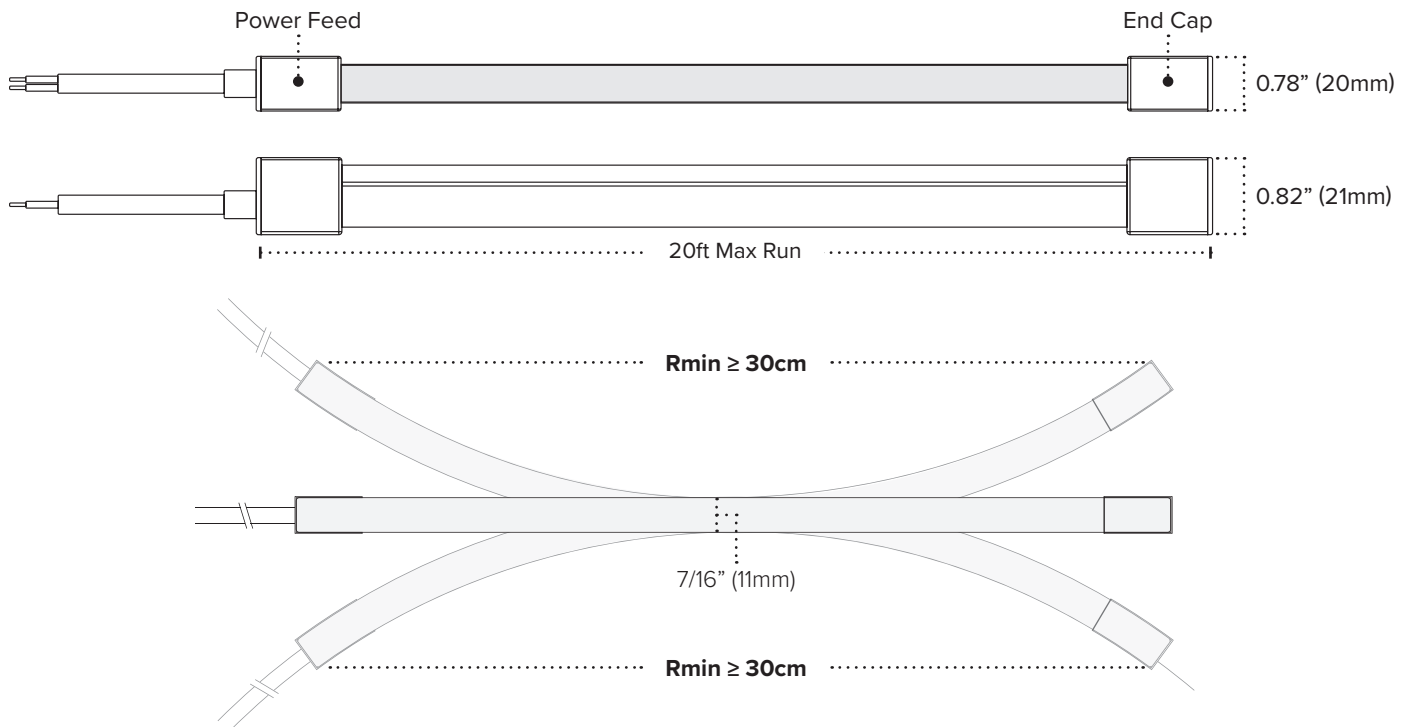
**NEONFLEX 12V AC RF KIT ACCESSORIES**

ITEM NUMBER	DESCRIPTION
NFL-RGBW-FCHAN-1M	1M Aluminum "F" Channel



NFL-RGBW-FCHAN-1M

**NEONFLUX 12V AC QUICK DIMENSIONS**





# AMERICAN LIGHTING WARRANTY

## LIMITED WARRANTY FOR LED PRODUCTS: 3 YEARS

### LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

### PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit [www.americanlighting.com](http://www.americanlighting.com). Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary. LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

### AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.