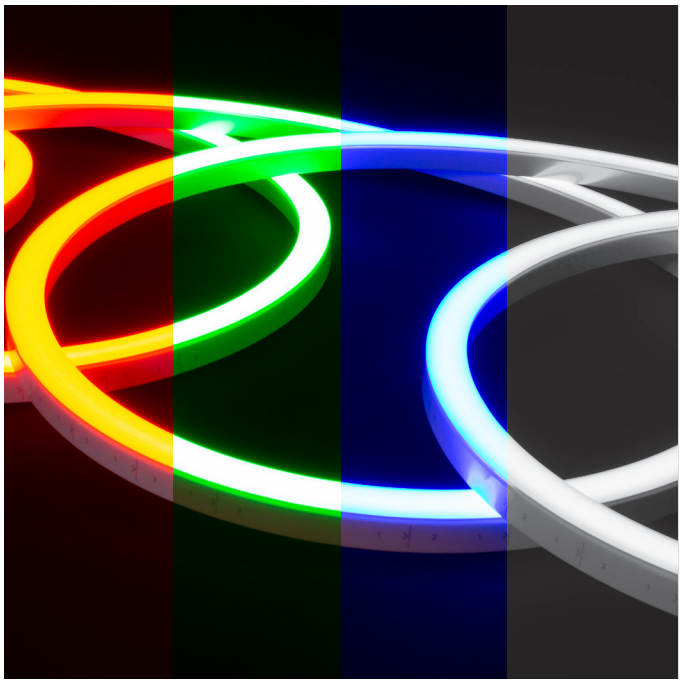
SPEKTRUM+ SERIES

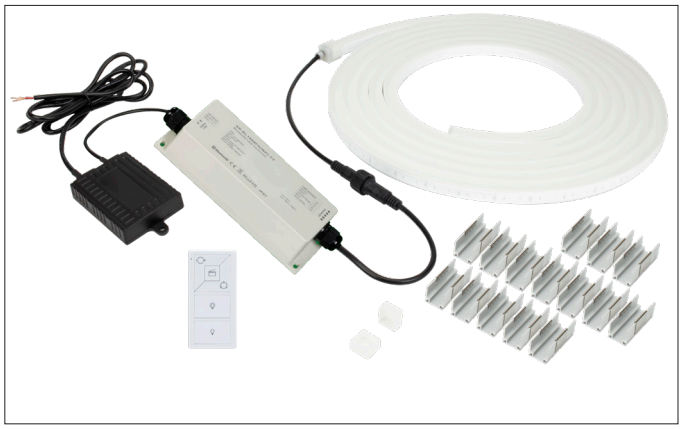
NeonFlex Pro RGBW Kit

Personalize your outdoor space with low voltage LED neon. Featuring a perfectly diffused glow, flexible outdoor LED neon is ideal for direct and indirect lighting applications. Easy to install and maintain, our vivid LED neon is a perfect choice for captivating residential, entertainment and hospitality installations.

- 12V AC low voltage operation
- Features RGBW color changing capabilities
- Side bend design for installation flexibility
- Control via Spektrum+™ App or Spektrum+™ Smart Switch
- Cuttable every 1.23” with a maximum run length of 20ft
- Perfect for outlining outdoor landscapes and facades
- Easily Surface mount with mounting clips or channel
- UV, flame, and saltwater resistant silicone jacketing
- IP67 rating for wet locations
- UL Listed for indoor and outdoor use
- Requires 12V AC transformer for operation (not included) (*Must be properly sealed)

PROJECT:
TYPE:
LOCATION:
CATALOG NUMBER:



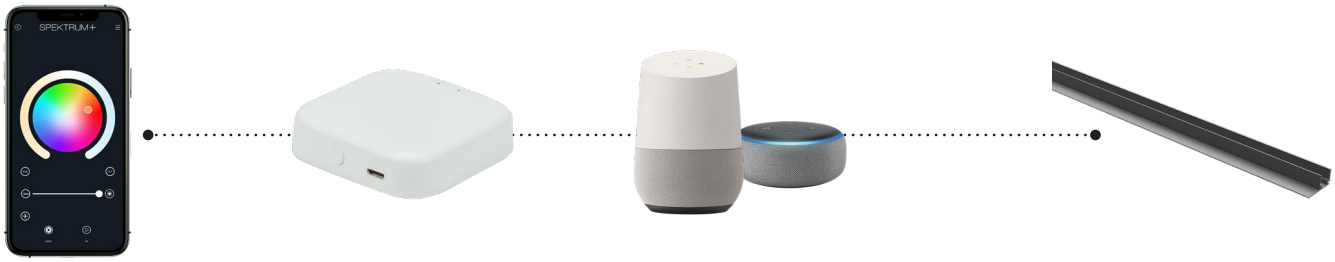


UL LISTED · WET LOCATION · DIMMABLE · RF · RGBW

SPEKTRUM+ NEONFLEX 12V AC QUICK SPECS

VOLTAGE	12V AC
WATTAGE	3W per foot
LUMENS	140Lm per foot
COLOR/CCT	RGBW
MAX RUN	20ft (6m)
CUTTING	1.23” (31.25mm)
IP RATING	IP67
DIMMING	Spektrum+ App
BEAM ANGLE	120°
OPERATING TEMP	-4°C (25°F) to 60°C (140°F)
CERTIFICATIONS	UL Listed - Wet Locations
RATED LIFE	50,000

SPEKTRUM+ NEONFLEX 12V AC QUICK SETUP



Spektrum+ Smart Lighting App · Spektrum+ Smart Hub* (Sold Separately) · Voice Assistant (Not Included) · Spektrum+ Neonflex Pro RGBW

SPEKTRUM+ NEONFLEX 12V AC KIT ORDERING INFORMATION

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
SPKPL-NFPROL-RGBW-12VAC-6MKIT	12V AC	RGBW	20ft (6m)	140Lm/ft	3W/ft	IP67	90+ (White)	1.4” (35.6mm)	20ft (6m)

Includes: 16.4ft RGBW Side BendNeon, 15pcs “U” mounting clips, Handheld Spektrum+ remote, IP68 12V AC rectifier with 6ft bare lead, IP68 BLE inline LED Controller/Receiver w/IP68 connector, 2pcs end cap

12V AC Transformer Not Included

SPEKTRUM+ NEONFLEX 12V AC KIT ACCESSORIES

ITEM NUMBER	DESCRIPTION
SPKPL-GTWY	Spektrum+™ Smart Hub*
NFPROL-CONKIT-5PIN-FRNTL	36” Pro-L Power Feed - Front Left (5-pin) w/ End Cap
NFPROL-CONKIT-5PIN-FRNTR	36” Pro-L Power Feed - Front Right (5-pin) w/ End Cap
NFPROL-CONKIT-5PIN-BTTML	36” Pro-L Power Feed - Bottom Left (5-pin) w/ End Cap
NFPROL-CONKIT-5PIN-BTTMR	36” Pro-L Power Feed - Bottom Right (5-pin) w/ End Cap
NFPROL-CONKIT-5PIN-SIDL	36” Pro-L Power Feed - Side Left (5-pin) w/ End Cap
NFPROL-CONKIT-5PIN-SIDR	36” Pro-L Power Feed - Side Right (5-pin) w/ End Cap
NFPROL-CONKIT-NS-5PIN-FRNTL	36” Pro-L, Screwless Power Feed - Front Left (5-pin) w/ End Cap
NFPROL-CONKIT-NS-5PIN-FRNTR	36” Pro-L, Screwless Power Feed - Front Right (5-pin) w/ End Cap
NFPROL-5JUMP6	6” Pro-L Linking Cable - Front Feed (5-pin)
NFPROL-5JUMP12	12” Pro-L Linking Cable - Front Feed (5-pin)
NFPROL-5JUMP24	24” Pro-L Linking Cable - Front Feed (5-pin)
NFPROL-5JUMP36	36” Pro-L Linking Cable - Front Feed (5-pin)
NFPROL-CHAN-1M	PRO-L 1m Aluminum Channel 17.3mm W x 21.1mm H
NFPROL-FCHAN-1M	PRO-L 1m Black Aluminum “F” Channel 17.3mm W x 21.1mm H + 20mm Flange


GATEWAY

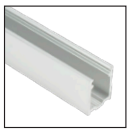

FRONT FEED (Left)

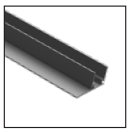

FRONT FEED (Right)

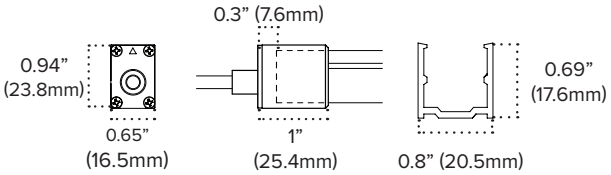

BOTTOM FEED (Right)


SIDE FEED (Left)

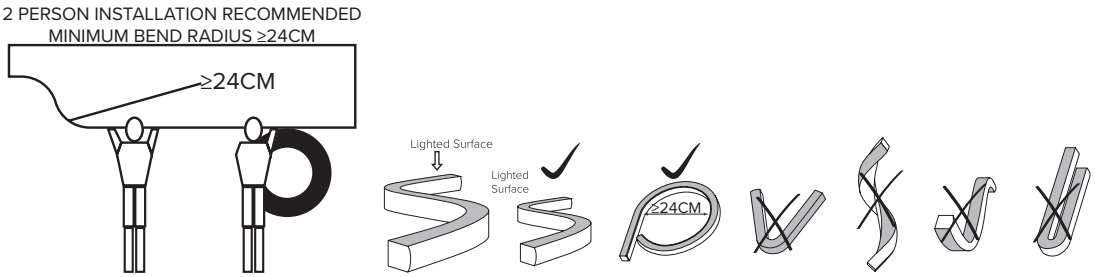

SIDE FEED (Right)

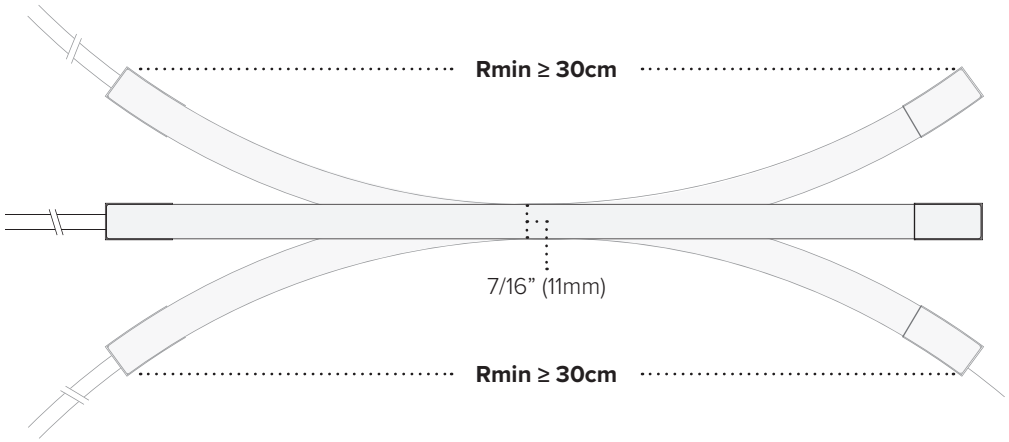

MOUNTING CHANNEL


MOUNTING CHANNEL



RECOMMENDED HANDLING





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. 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.