

SAVANT

Savant® Neon Light Strip Quick Reference and Installation Guide

Box Contents

- (1) 10M Neon Light Strip (STP-NEON10MOD-xx)
- (2) STP-NEONACC-xx
 - (2) Power Cord Connection Kit
 - (2) End Cap Kit for 10x20mm RGB Neon
- (30) Mounting Clips
- (30) Mounting Clip Screws
- (2) Tubes Silicon Glue

Specifications

Environmental				
Temperature	Operating: -4° to 113° F (-20° to 45° C)			
	Storage: -40° to 176° F (-40° to 80° C)			
IP Rating	IP67			
Dimensions and Weights				
	Height	Width	Length	Weight
Device	0.4 in (10.0 mm)	0.8 in (20.0 mm)	32.80 in (10.0 m)	2.6 lbs (1.2 kg)
Shipping	5.0 in (12.7 cm)	11.0 in (27.94 cm)	11.0 in (27.94 cm)	4.0 lbs (1.81 kg)
Power				
Input Power	10.8W/M			
Input Voltage	DC24V			
Minimum Supported Requirements				
Savant OS	da Vinci 8.9			

Important Information



Read this document in its entirety before starting installation of the product.

- Failure to properly follow installation guidelines may result in fracture of neon flex coating, water penetration, sudden loss of power, or other undesirable behavior.
- Product must be used only with the supplied power connector. Input voltage must adhere strictly to product design specifications to ensure normal functionality and product safety.
- Installation and maintenance of this product must be performed by an electrician or comparably experienced professional installer.
- Product must not be powered on before installation is complete.
- Once installation is complete, all connections should be checked for accuracy, ensuring there are no short circuits before product is powered on.
- During installation, any hard bends or creases in the product should be positioned so as not to apply stress to LEDs or other non-flexible components which could affect the integrity of the product or its waterproofing, particularly when installing outdoors. Minimum bend diameter 120 mm.
- Product should be installed out of reach of children.
- Product must be powered off during cleaning or other maintenance.
- Cross section of Savant Neon Light Strip. Note 4 wires (Red, Green, Blue, and Voltage).
- Cut strips ONLY along marked section (in 1 meter increments)

Hardware



This document provides installation instructions for Savant Neon Light Strips. This guide is specific to neon strips, and should be used as a supplementary document to the **DMX and 0-10V Lighting Deployment Guide** on the [Savant Customer Community](#).

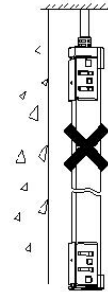
Installation Precautions

The following precautions should be followed during installation and use of Savant Neon Light Strips:

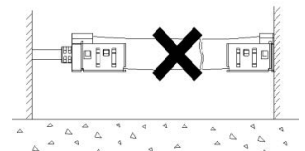
Strip should never be installed in track twisted as shown:



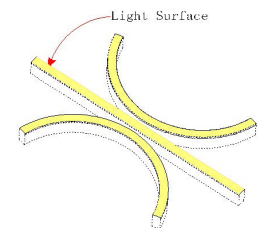
Strip should never be installed hanging vertically without support:



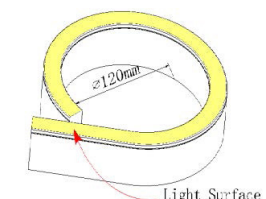
Strip should never be installed hanging horizontally over a gap without support:



Strip should be bent or curved only laterally as shown:

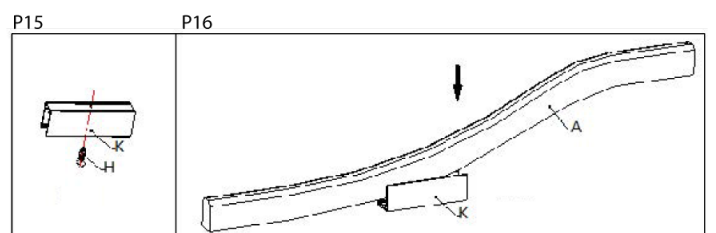
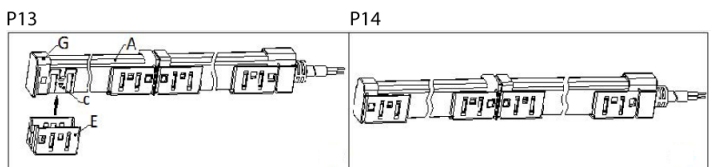
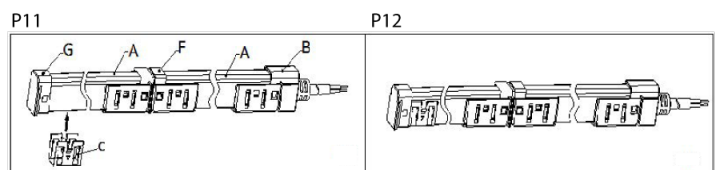
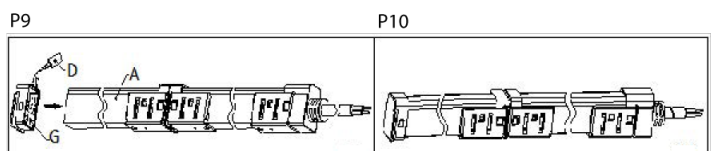
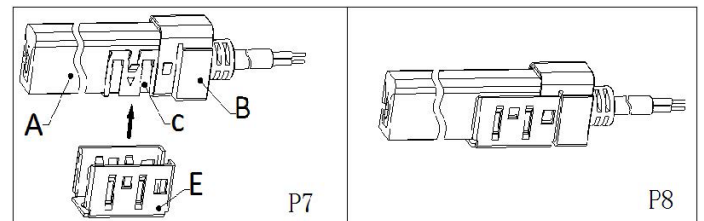
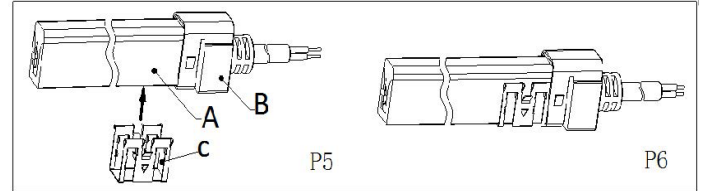
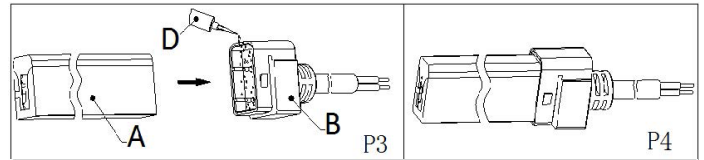
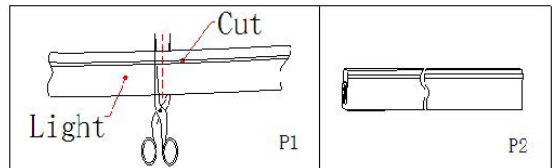


Diameter of all bends and curves in strips should never be smaller than 120 mm:



Installation

- Cut neon strip to desired length, cutting only along marked dotted lines, in 1 meter increments, as shown in P1 and P2.
- Install power connector at transmission end of strip:
 - Carefully apply glue to the outer jacket, taking care not to get glue on any pins or core wiring, then insert the male connector (B) into the light body in the direction of the arrow (P3), ensuring the terminal pins are aligned with the core wire of the strip.
 - NOTE: Glue surface will solidify after approximately 1 hour, and glue will be fully set within approximately 8 hours.
 - Ensure that the connector is fitted securely and fully with all terminal pins aligned and seated (P4).
 - Install Clip (C) in the direction of the arrow as shown in P5 and P6.
 - Carefully attach fixing box (E) as shown in P7 and P8, ensuring that it aligns with vertical groove in connector (B) and snaps securely into place over the clip (C).
- Install tail plug at non-transmission end of strip:
 - Carefully apply glue (D) to the end cap (G) and insert into the non-transmission end of the strip, as shown in P9 and P10.
 - NOTE: Glue surface will solidify after approximately 1 hour, and glue will be fully set within approximately 8 hours.
 - Install clip (C) as shown in P11 and P12:
 - Carefully attach fixing box (E) as shown in P13 and P14, ensuring that it aligns with vertical groove in tail plug (G) and snaps securely into place over the clip (C).
- Install track and affix strip to track:
 - Install track (K) using screw (H), then feed strip (A) into track as shown in P15 and P16



Additional Information

To view available documentation, detailed product specs, and more:

- Visit the Savant Knowledge tab via the Savant Customer Community to search all Savant documentation.