Richee

6584-5050-24V Series

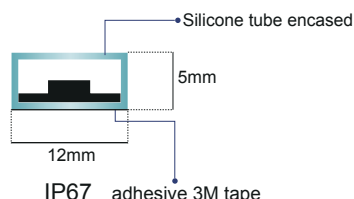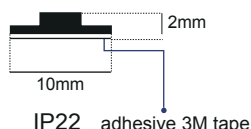CE   c(UL)us LISTED E467088   RoHS   LM79 LM80   3 YEAR WARRANTY

The 6584 5050 24V series raises the bar for LED lighting. Its thick PCB board and high quality SMD 5050 chips will ensure its long life and bright. It is highly versatile,dimmable and suitable for both lighting and accenting. Available in a variety of voltages and color temperatures.Bring out the true color of your spaces with CRI 90+ LED chips. Deliver all the versatility of LED Strip with the same quality light as traditional lamps.

Product Specifications

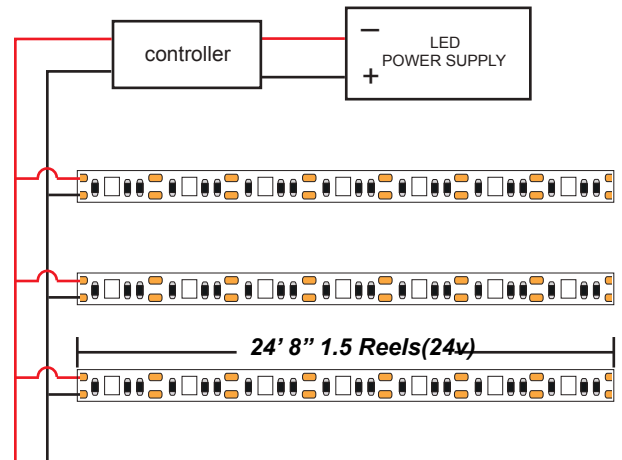| ITEM	Nominal CCT//WL		Luminous Flux (lm/ft)	Light Efficiency (LM/W)	CRI	SDCM	IP Rating	Input Voltage
6584-5050-27K-24V-CRI90	◆	2700K	370 lm	84	90+	<5	IP22	24V DC
6584-5050-30K-24V-CRI90	◆	3000K	380 lm	86	90+	<5	IP22	24V DC
6584-5050-40K-24V-CRI90	◆	4000K	400 lm	91	90+	<5	IP22	24V DC
6584-5050-50K-24V-CRI90	◆	5000K	400 lm	91	90+	<5	IP22	24V DC
6584-5050-60K-24V-CRI90	◆	6000K	400 lm	91	90+	<5	IP22	24V DC
6584-5050-27K-24V-CRI90-IP67	◆	2700K	370 lm	84	90+	<5	IP67	24V DC
6584-5050-30K-24V-CRI90-IP67	◆	3000K	380 lm	86	90+	<5	IP67	24V DC
6584-5050-40K-24V-CRI90-IP67	◆	4000K	400 lm	91	90+	<5	IP67	24V DC
6584-5050-50K-24V-CRI90-IP67	◆	5000K	400 lm	91	90+	<5	IP67	24V DC
6584-5050-60K-24V-CRI90-IP67	◆	6000K	400 lm	91	90+	<5	IP67	24V DC

- Limiting Control Method: CV - Constant Voltage
- Power Consumption: 4.4W/ft
- Beam Angle: 120°
- LED Density: 18LEDs/ft / 60LEDs/m
- Cuttable Segments: 4 in (100 mm)
- Reel Length: 16.4ft (5m) / 98.4ft (30m)

- Operating Temperature: -25°C to 60°C
- Mounting Non-Porous: 3M double sided Tape
- Board Type/Color: 3oz Density, White PCB
- Luminous Flux maintenance: 50,000 hrs
- Segment Width: 0.39 in (10 mm)
- Dimmer: Dmx PWM, RF PWM, 0-10V, MLV Incandescent

IP RATING

IP22   adhesive 3M tape
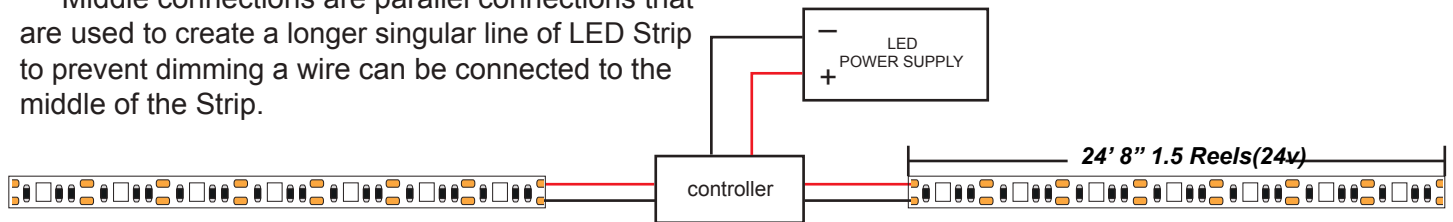

Silicone tube encased

IP67   adhesive 3M tape

Parallel Connection Guide

Parallel connections are strongly recommended for LED Strip installation. It is important to not go over the recommended length. The LED Strip will start to dim after the recommended length and will damage the Strip over time.

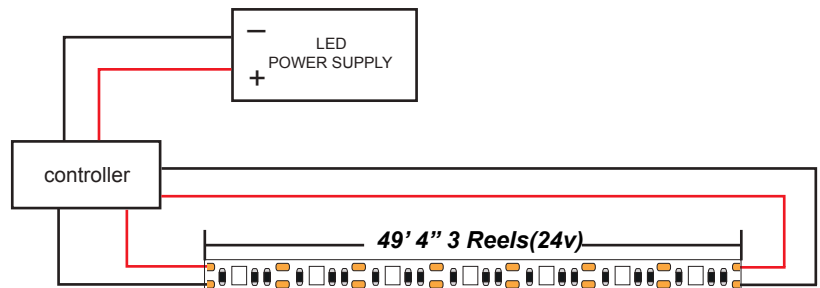controller

LED
POWER SUPPLY

24' 8" 1.5 Reels(24v)

Parallel Connection Guide

Middle connections are parallel connections that are used to create a longer singular line of LED Strip to prevent dimming a wire can be connected to the middle of the Strip.
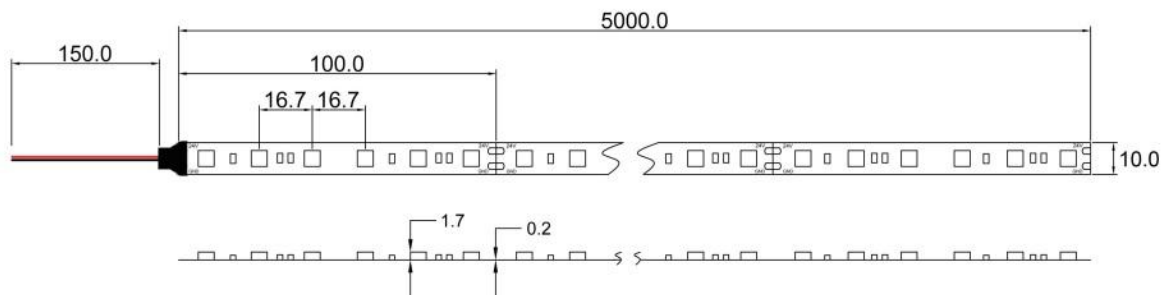
LED
POWER SUPPLY

24' 8" 1.5 Reels(24v)

controller

Double End Connection Guide

LED Strip can also be powered from both sides. This will double the length of the Max Run for your installation.Also two same power supplies can be used at each end to power the LED Strip.

LED
POWER SUPPLY

controller

49' 4" 3 Reels(24v)

Mechanical Dimensions

5000.0

150.0

100.0

16.7 16.7

10.0

1.7   0.2

Unit:mm