

User Guide

PLEASE READ & SAVE THESE ORIGINAL INSTRUCTIONS

RoscoLED[®] Tape VariWhite Gaffer Kit

Specifications

Part No.: 2932200BICLR – RoscoLED VariWhite Gaffer Kit
External Dimensions: 14" L x 12" W x 5.4" H
(35.6 cm L x 30.5 cm W X 13.7 cm H)
Weight: 8 lb (3.6 kg)



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*Information and specifications in this document are subject to change without notice.
Rosco assumes no responsibility or liability for any errors or inaccuracies that may appear in this manual.*

INTRODUCTION

Congratulations on your purchase of a RoscoLED Gaffer Kit.

Designed to meet the needs of today's Chief Lighting Technicians and Cinematographers, the RoscoLED VariWhite Gaffer Kit provides a quick and versatile solution for the most challenging lighting situations. Combining durable color-correct and tunable LED strips and tiles with simple plug-and-play connections offers filmmakers fast, easy set-up that minimizes downtime between takes.

To ensure efficient and safe operation, please take a few moments to read this manual completely.

IMPORTANT SAFEGUARDS

The symbols below are used throughout this manual to identify important safety information. Heed all warnings and safety info on.



Warning, Danger or Caution

Risk of Personal Injury



Risk of Electric Shock

Risk of severe electric shock



PREVENTING ELECTRIC SHOCK

- This machine uses mains electrical power at 100-240VAC. When directly contacted, such voltages are hazardous to human life. Follow all local electrical codes and take precautions when using this product.
- This product is designed to operate from three-wire power systems, where one of the wires is a safety ground. DO NOT disconnect the safety ground, or use extension cords or adapter plugs to connect this machine to a two-wire system. Operation without a safety ground may result in hazardous electrical shock.
- Use only extension cords that are of appropriate length and are rated for the Power Adapter's specified voltage and current. If an extension cord shows signs of wear or gets warm to the touch, discontinue its use and obtain a cord with a higher current rating. Improper extension cords are hazardous and may result in poor performance due to excessive voltage drop.
- Disconnect unit from power source before servicing and when not in use.



MAINTAINING SAFE OPERATION

- Use only Rosco spare parts and accessories so as to not void the system warranty.
- RoscoLED DMX Controllers must only be serviced by a qualified technician.
- RoscoLED Gaffer Kits are not intended for residential use. Use only in a professional studio or mobile video environment.
- RoscoLED Gaffer Kits are IP43 rated – for indoor use only.
- RoscoLED Gaffer Kits are not certified for use in hazardous locations.
- RoscoLED Gaffer Kits are designed for operation within the range of - 22° to 122°F (-30° to +50°C).
- Ensure Gaffer Kits are stored within the range of -40° to 176°F (-40° to +80°C).

UNPACKING

Carefully unlatch the lid of your RoscoLED Gaffer Kit and familiarize yourself with the contents.

Do not attempt to operate your RoscoLED Gaffer Kit if there are any signs of physical damage. In case of damage, contact your local Rosco dealer.

Your RoscoLED Gaffer Kit will arrive with all components detached from the power supply and controllers. Refer to the diagrams below before connecting to AC Mains power.

| Item | Qty | Description | Rosco Part No. |
|------|-----|---|----------------|
| 1 | (2) | 12" strips of 12V RoscoLED VariWhiteTape (3000K - 5600K) | 29322120BI12 |
| 2 | (2) | 24" strips of 12V RoscoLED VariWhite Tape (3000K - 5600K) | 29322120BI24 |
| 3 | (2) | 3" x 6" RoscoLED VariWhite Tiles, 12V (3000K - 5600K) | 29322120BI36 |
| 4 | (2) | 10-ft extension cables | 290637510000 |
| 5 | (2) | 4-Way splitter cable | 290637300000 |
| 6 | (1) | 3A Power adapter: 100-240VAC In / 12VDC Out | 290635030120 |
| 7 | (1) | AA Battery Holder | 290636510812 |
| 8 | (1) | Car Adapter | 290636000000 |
| 9 | (1) | 2 Channel DMX Dimmer | 293222610003 |
| 10 | (1) | RF PWM Remote Controller | 293222630001 |
| 11 | (1) | Durable Sentinel 912 Carrying Case | 293220001001 |



CONNECTING THE ROSCOLED TAPE

Every component in the RoscoLED Gaffer Kit is designed for quick and easy configuration using 2.1mm diameter barrel connections. Each connector has a Male or Female gender, so there is no possibility of an incorrect connection.

The RoscoLED Tape in your Gaffer Kit requires 12VDC input. Always use the Rosco supplied Power Adapter or alternate AA battery or Car Adapter to avoid damage to the system components and voiding the warranty.

RoscoLED VariWhite Tape uses two sets of Warm/Cool LED's, requiring two channels of control. Your RoscoLED Gaffer Kit offers two control options, each with outputs for 2 channels:

- 2 Channel CCT/DMX Controller – use in Manual/Stand-Alone mode or DMX mode to adjust Color Temperature and Output settings.
- 2 Channel RF Remote Controller – wireless control of your RoscoLED Tape using the convenient handheld Transmitter.

Refer to the User Manuals for operation of these two controllers.

Basic Configuration:

Power Supply

Controller
(DMX or RF Remote)

Extension Cables
(Optional)

RoscoLED Tape
(Strips or Tiles)



TROUBLESHOOTING

| SYMPTOM | POSSIBLE CAUSE | SOLUTION |
|--|--------------------------------------|---|
| Tape/Tile will not illuminate in Manual Stand-Alone mode | Barrel Connections incomplete | Check all connections |
| | Not plugged into AC Mains | Check AC Mains connection |
| | Batteries charge depleted | Check battery charge or replace |
| | CCT/DMX Controller set to DMX mode | Confirm Controller is set to Manual mode |
| Tape/Tile will not illuminate in DMX mode | CCT/DMX Controller set to CCT mode | Confirm Controller is set to DMX mode |
| | DMX cable connections are not secure | Check all DMX cable connections |
| | Incorrect DMX address | Confirm DMX address |
| | No DMX signal | Confirm DMX console is powered on and outputting signal |

SPECIFICATIONS

| | |
|----------------------|--|
| LED Configuration: | 3 emitters/inch |
| Heat Sink: | 3 oz Copper |
| Lumen Output: | 38 lm/in (1500 lm/m) |
| Color Temp. Range: | 3000K – 5600K |
| CRI: | 93 |
| TLCI: | 92 |
| Voltage: | 12VDC |
| Power Consumption: | 12" VariWhite Strips = 5.8W/0.48A 24" VariWhite Strip = 11.6W/0.96A 3"x6" VariWhite Tiles = 19.2W/1.6A |
| IP Rating: | Strips: IP67 for use indoors and outdoors Tiles: IP43 for indoor use only |
| External Dimensions: | 14" L x 12" W x 5.4" H (35.6 cm L x 30.5 cm W X 13.7 cm H) |
| Weight: | 8 lbs (3.6 kg) |

1-YEAR LIMITED WARRANTY

Rosco Laboratories warrants to the first retail purchaser that this Product will be free from defects in workmanship and material for a period of 12 months from the date of original purchase.

For warranty service you must be able to provide proof of purchase. Should this Product prove defective during the warranty period, please contact your local Rosco office for Return Authorization. No warranty service will be performed without Return Authorization.

At Rosco's sole discretion, covered Products will be repaired or replaced with new or refurbished equipment or a model of like kind and quality. Exchanged or replaced parts and Products assume the remaining warranty period of the original product covered by this limited warranty. You are responsible for securely packaging the defective Product and returning it to Rosco as per the instructions of the Return Authorization. Within North America, Rosco will ship the repaired or replaced Product to you freight prepaid. Shipments to other locations will be made freight collect.

This warranty is non-transferable and does not extend beyond the first retail purchase of the Product.

This warranty does not cover damage to the Rosco Product caused by parts not manufactured, distributed or certified by Rosco.

Rosco is not obligated to provide warranty service should the Product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as flood, fire and lightning.



www.rosco.com/roscoLEDvariwhiteGafferKit

