



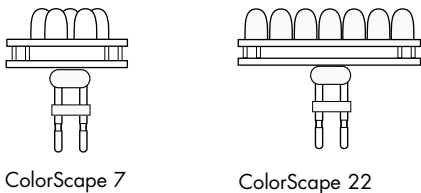
COLORSCOPE™ USER GUIDE

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Congratulations on your purchase of a Color Kinetics® ColorScope™ light. Welcome to a more colorful world brought to you by Color Kinetics and Chromacore®, our patented technology that generates colored light and effects using a microprocessor to control red, green and blue LEDs.

This guide contains important information on installing and using your new ColorScope light. Please read it carefully and save it for future reference.

Figure 1



! DANGER

RISK OF ELECTRICAL SHOCK OR ELECTROCUTION

Always disconnect power to the spa light at the circuit breaker before servicing the light. Failure to do so could result in death or serious injury to the installer, spa users, or others due to electrical shock.

ColorScope 7 (ITEM# 115-000003-00)
ColorScope 22 (ITEM# 115-000004-00)

U.S. PATENT 6,150,774
OTHER PATENTS PENDING

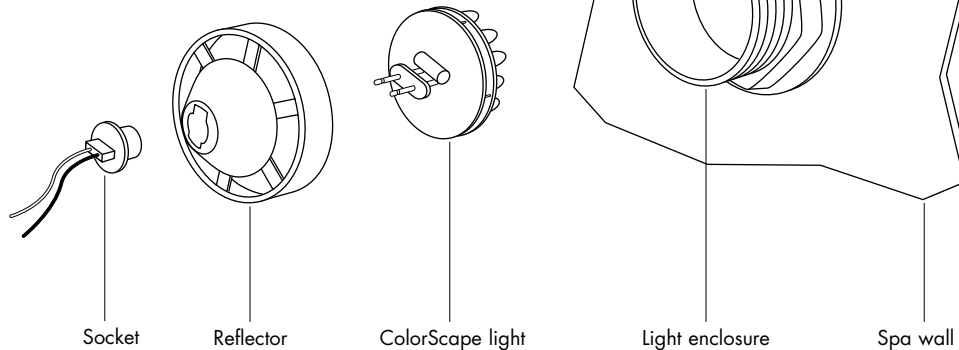
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PUB-000050-00 Rev 00

Specifications subject to change without notice.

Figure 2

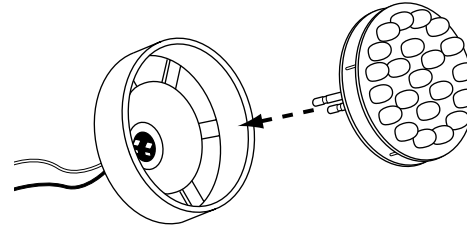


INSTALLING COLORSCOPE

Note: ColorScope fits most 12V AC wedge-based lighting sockets. ColorScope lights are not for use with spas that have dimming systems or electronic transformers.

1. Access the old lamp according to your spa manufacturer's instructions.
2. Remove the reflector from the back of the light enclosure.
3. Remove the old lamp.
4. Insert the ColorScope light into the socket. Make sure both connector pins are seated firmly in the socket. (See Fig. 3.)

Figure 3



5. Replace the reflector on the back of the light enclosure.

CONTROLLING COLORSCOPE

Use the spa's existing light switch to turn ColorScope on and off.

Choosing Effects

ColorScope lights are preprogrammed with an assortment of light shows.

- When you turn ColorScope off and then on again within five seconds, it advances to the next show.
- When you turn ColorScope off and leave it off for more than five seconds, it "remembers" the last show you selected. The next time you turn ColorScope on, it will display the same show.

DESCRIPTION OF SHOWS

1. SLOW COLOR WASH*

Colors transition gracefully from color to color, cycling through the color spectrum. Each color cycle takes approximately 3 minutes.

2. FAST COLOR WASH*

Colors transition from color to color, cycling through the color spectrum. Each color cycle takes approximately 1 minute.

3. SLOW RANDOM COLOR*

Colors step or jump from one color to the next in random order. Each color lasts approximately 10 – 15 seconds.

4. FAST RANDOM COLOR

Colors step or jump from one color to the next in random order. Each color lasts approximately 5 seconds.

5. HIGH SPEED RANDOM COLOR

A rapid series of intense flashes of varying colored light.

6. CROSS FADE*

Colors cycle back and forth gracefully between blue and green. Total cycle lasts 1 minute.

7-13. FIXED COLORS

Static display of a single color. Available colors include white, pink, lavender, light blue, dark blue, light green, and dark green.

* These effects begin at a slightly faster speed, then slow down after one or two seconds. This is to help you identify the effect.

Source Life

The illumination generated by ColorScape is based on LEDs whose predicted source life is rated at 100,000 elapsed time hours under normal operating conditions.

[Temperature: -4°F—104°F (-20°C—40°C), Humidity: 0-95% non-condensing humidity]. This equates to 11.4 years of continuous 24-hour-a-day usage.

Limited Warranty

Color Kinetics Incorporated warrants its products, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Color Kinetics publicly available specifications for a period of one (1) year after the date the product was purchased by the end user.

If the product fails during the warranty period, purchaser's remedy under this limited warranty shall be at Color Kinetics sole election:

- Repair the product by means of hardware and/or software
or
- Replace the product with another product
or
- If Color Kinetics is unable to repair or replace the particular product, refund the then current value of the product.

This limited warranty does not cover damages due to external causes, including, but not limited to, accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, modification, repair, improper installation, or improper testing. Color Kinetics is not responsible for indirect, incidental, or consequential damages resulting from any breach of warranty or under any other legal theory including, but not limited to, lost profits, downtime, goodwill, damage to or replacement of equipment and property.

To obtain warranty service, you may contact your distributor in accordance with its instructions, or you may contact Color Kinetics. To request warranty service you should call Color Kinetics during the warranty period. Proof of purchase or registration is required. When calling within warranty, please provide:

- 1) Your name, shipping address, and telephone number
- 2) A description of the model and serial number
- 3) An explanation of the problem

A Return Authorization (RA) number & ship-to address will be provided to send the product back.

The warranty and remedies set forth above are exclusive and in lieu of all others, whether oral or written, express or implied. Color Kinetics specifically disclaims fitness for a particular purpose. No Color Kinetics distributor, dealer, agent or employee is authorized to make any modification, extension, or addition to this warranty.

This warranty gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction.

U.S. and Foreign Patents and Patents Pending

Color Kinetics Incorporated grants the purchaser of its lighting products and controllers a personal and non-transferable license to use Chromacore®, its patented technology for control of LED-based color changing lighting fixtures for illumination, display and design. This license is granted only by Color Kinetics Incorporated, and may not be transferred except by the grantor. The design, duplication, manufacture, or sale of other products using control of LED-based color changing lighting may be prohibited and is not licensed hereunder. Other patents pending.

SAFETY PRECAUTIONS

Warning

Do not open, alter or tamper with the product. This will void the manufacturer's warranty. Follow all instructions in the user guide, and observe all warnings carefully. Do not attempt to service the electronic components yourself. Non-expert handling may damage the product and cause injury to the user.

The Don'ts

- Do not allow the ColorScape light to get wet. Although the products are conformal coated to protect them from moisture, if the light gets wet, unplug it and contact Color Kinetics Technical Support Group immediately.
- Do not alter or tamper with the ColorScape light.
- Do not allow the unit to freeze.
- Do not use the ColorScape light if it has been damaged.
- Do not store units in dirty, dusty areas.
- Do not attempt to service the electronic components yourself. Non-expert handling may damage the product and cause injury to the user.

The Dos

- Follow all instructions in this guide, and observe all warnings carefully.
- Keep the unit dry. Precipitation and liquids contain minerals that corrode electronic circuits.
- Handle the ColorScape light as you would any delicate product. Be careful not to drop the unit.
- Have fun with ColorScape and let Chromacore open your imagination.

Technical Support

If any problems occur during usage, unplug the product immediately and call or email the Color Kinetics Technical Support Group:

1-888-FULL RGB or 617-423-9999 or
support@colorkinetics.com