

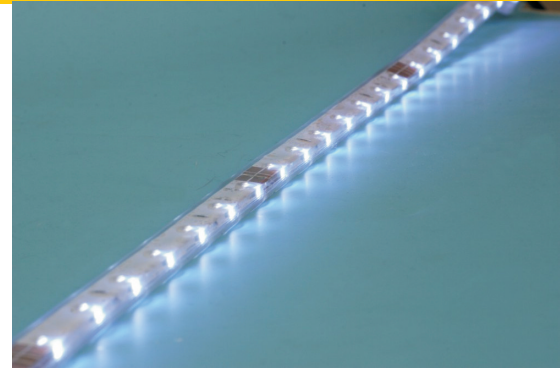
# STAR-STREAM™

## STAR-STREAM™ -24-E Single-Color

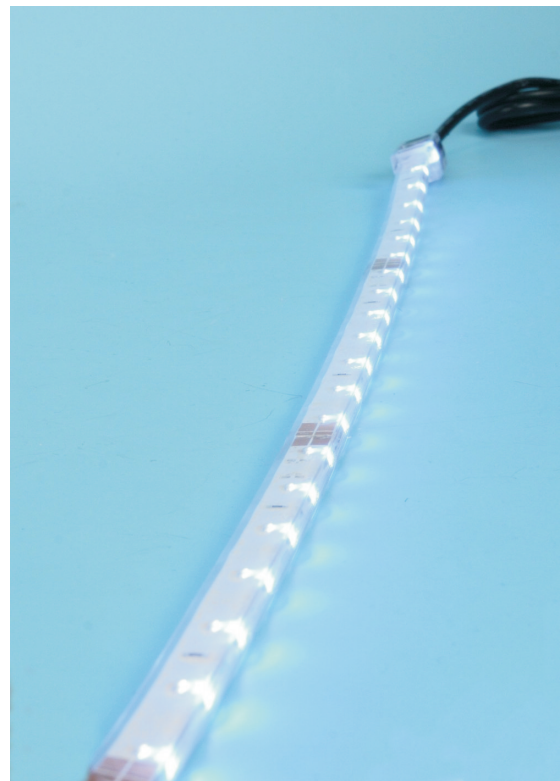
The new STAR-STREAM™ -24-E (E is for 'edge') offers a unique position of SMD-type LEDs along the 6mm edge of the light strip instead of on the 12mm face as with the standard STAR-STREAM™ -24 single color light strips.

### Features

- Single-color LED strips of multiple lengths
- SMD-type LEDs located along the 6mm edge
- Wide view angle of up to 105°
- High brightness and long operating life
- Low energy consumption
- Single colors available: red, green, blue, amber, warm white (3000k), daylight white (5000k)



*Ideal for accent or cove lighting in special settings where a beam direction 90° from the mounted surface is desired.*



## PRODUCT SPECIFICATIONS

Product Number:	StarStream-24-E Single Color
LED Type:	SMD Single-Color LED
Input Voltage:	24VDC
Max. Current/Unit:	20mA
Max. Power Consumption/Unit:	0.48W
LED Quantity/Unit:	7 ea / 0.2 meters
Unit Length:	20 cm
Max. Useable Length:	30 meters
Dimensions:	6mm x 12mm rectangular shape
Tube Material:	UV-protected PVC
Colors Available:	red, green, blue, amber, warm white (3000k) and daylight white (5000k)
Cutting Line:	Every 0.2 meters
Power Supply: (Power Consumption for each meter = 2.4W)	30M: 72W/24VDC

### Taiwan Operations: Color Stars, Inc.

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**ColorStars Group**

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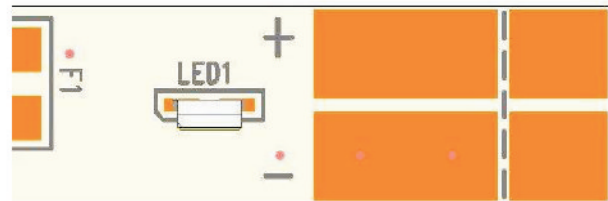
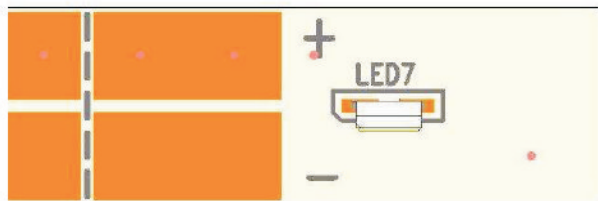
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### SCHEMATICS

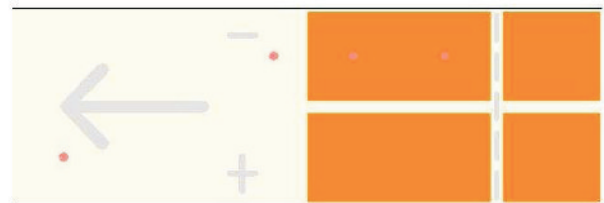
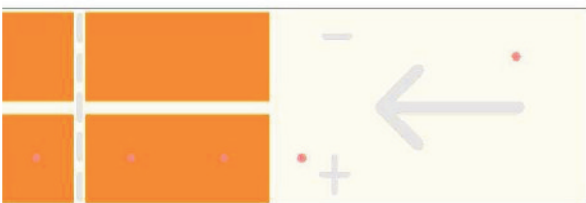


### Top View



+ is positive pole of LEDs  
- is negative pole of LEDs

### Bottom View



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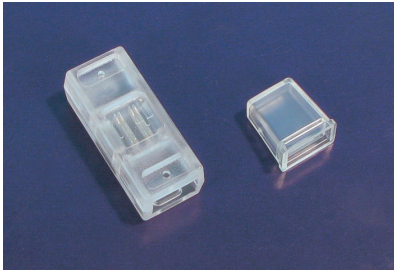


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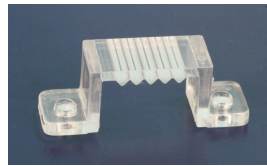
# STAR-STREAM™

STAR-STREAM™ -24-E Single Color

ACCESSORIES:



Connector    End Cap



Mounting Fastener



Twin-Head Connector  
with 30cm cable



Output cable with connector  
and waterproof head - 1M



Output cable with connector  
and waterproof head - 5M

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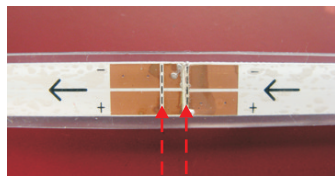
## STAR-STREAM™ -24 Single Color

### INSTRUCTIONS FOR CUTTING THE STAR-STREAM™ -24 SINGLE COLOR

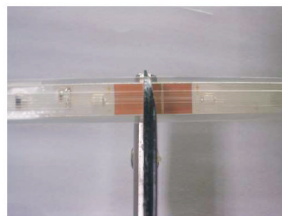
**CUTTING LINE:** The cutting line of the STAR-STREAM™ -24 single color is every 20 cm.

#### CUTTING INSTRUCTIONS

Step 1. Cut the StarStream™ -24 single color only on the cutting lines.

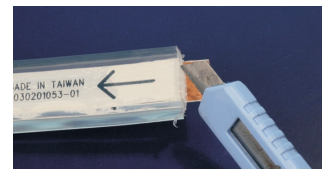


cutting lines



Recommended:  
Cut between the cutting lines.  
Remove the PVC (see Step 2)  
and then cut along the cutting lines.

Step 2. Remove the PVC coating.

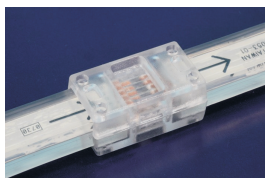


**CAUTION:** Do not cut the PCB when cutting off the PVC.

Make sure the arrows are going in the same direction.



Step 3. Connect the StarStream™ -24 single color to a Connector, End Cap or an Output Cable.



Connector



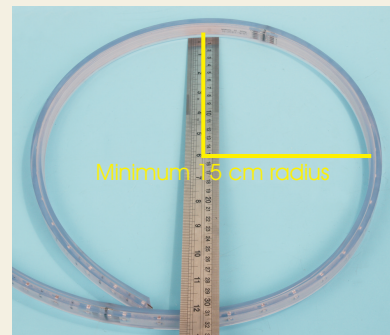
End Cap



STARSTREAM™ -24 single color Output Cable

Step 4. Glue the StarStream™ -24 single color to the Connector, End Cap or Output Cable. using a silicone sealant such as the recommended Dow Corning® 3145 RTV Silicone Adhesive.

**CAUTION:** Do not bend the STARSTREAM-24 to a radius smaller than 15 cm. Bending with a smaller radius can break the solder connections of the STARSTREAM-24 resulting in a loss of function.



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