



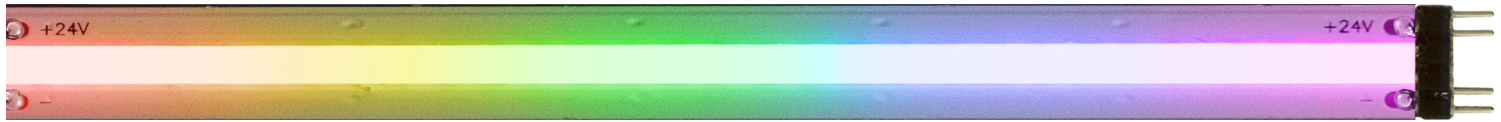
LAZER STRIP COB™ RGB

5W, 24VDC DYNAMIC RED, GREEN & BLUE



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 04.21.22



RGB - Red, Green and Blue

FEATURES & BENEFITS

- RGB 148 LEDs per foot provide uniform light distribution without pixelation
- Pin connectors or soldered leads for fast labor during installation
- Gold Plated Contacts prevent oxidation to ensure longevity of LED
- 4 oz of copper with 12 mm wide board provides better heat dissipation and less voltage drop
- 24VDC LED Lazer Strip COB (Chip on Board) with Red, Green & Blue color mixing
- Solid State Power Supply offers 85-90% efficiency compared to magnetic at 80%
- Average life is 50,000 hours
- Includes a 5-year pro-rated warranty

SPECIFICATIONS

- 24VDC LED Lazer Strip with 120° beam angle
- Power: 4.4 watts per foot RGB
- May be field-cut in 2.4" increments
- Sold in 1' increments
- Class 2 Damp Listing; 100 watt limit per power supply
- Operating temperature: -22°F to 140°F (-30°C to 60°C)

INCLUDED COMPONENTS

- LS5 24VDC LED Lazer Strip
- 3M™ Adhesive Tape Backing

ACCESSORIES (SOLD SEPARATELY)

- 24VDC Power Connectors and Jumpers
- Flexible Connectors
- Mounting Straps & Clips

REMOTE POWER SUPPLIES*, DIMMING & CONTROLS (SOLD SEPARATELY)

- [DMX Dynamic Color Changing](#): Must be used with PureEdge [Controllers](#)

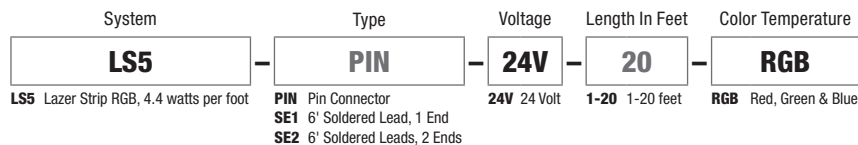
*In-Wall Mounting Kits available for select power supplies

MOUNTING

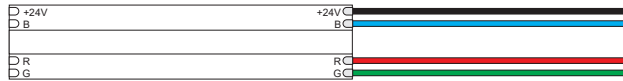
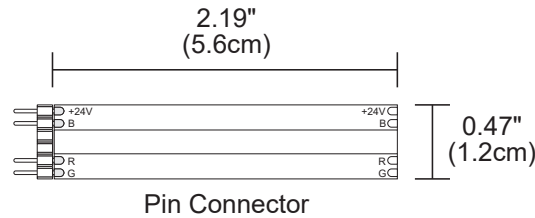
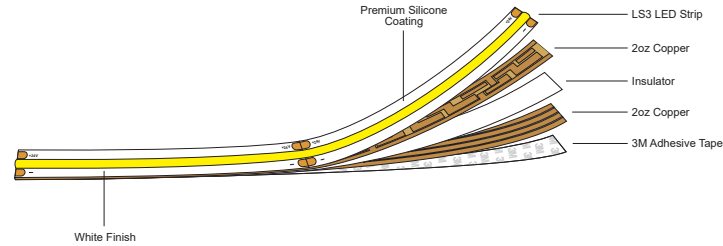
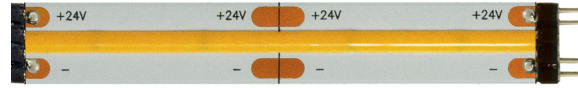
- Industrial 3M tape lines back of strip for self-adhesion to most smooth finished surfaces including ceiling, walls, cabinets and drawers
- Additional Pin Connectors and Mounting Straps may be needed for some applications (sold separately)

APPLICATIONS

Indoor and damp locations. Applications include coves, toe-kicks, under cabinets and shelving, bookcases, drawers, pathways, accent lighting, task lighting, and general illumination



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|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|



6' Soldered Lead, 1 end SE1

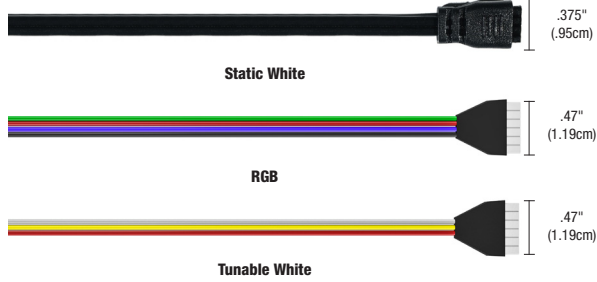


6' Soldered Lead, 2 ends SE2

POWER CONSUMPTION PER LINEAR FOOT

| RGB LS5 24VDC LAZER STRIP (4.4 WATTS PER FOOT) | | | | | | | | | | | | | | | | | | | | |
|--|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| MAXIMUM LENGTH BEFORE REFEEDING: 20FT | | | | | | | | | | | | | | | | | | | | |
| LENGTH IN FEET | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| TOTAL WATTAGE | 5 | 10 | 15 | 20 | 24 | 29 | 34 | 39 | 44 | 48 | 53 | 58 | 63 | 68 | 72 | 77 | 82 | 87 | 92 | 96 |

| | | | | | |
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POWER FEED CONNECTOR

Female power feed connector cord conducts power from the power supply to the male end of the LED strip.

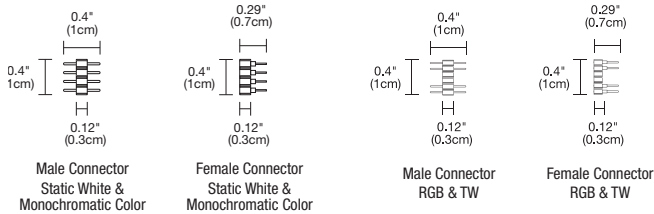
| System | Type | Size | Color Temperature |
|----------------|-------------------------------|---|--|
| LS | PFE | 12FT | |
| LS Lazer Strip | PFE Power Feed Connector Cord | 6FT 6 Feet 8FT 8 Feet 12FT 12 Feet | RGB Red, Green, & Blue TW Tunable White Leave Blank for Static White and Monochromatic Color |



FLEXIBLE CONNECTOR

Flexible connectors link two sections of Lazer Strip end to end.

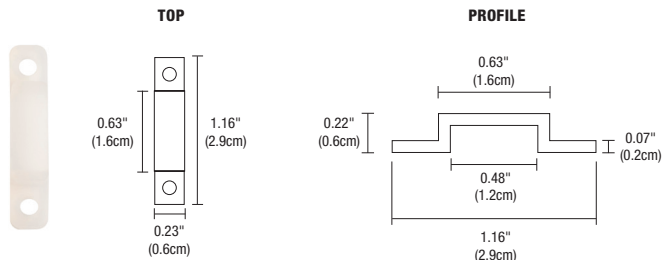
| Product | Type | Size | Color Temperature |
|----------------|------------------------|--|--|
| LS | CFX | 3IN | |
| LS Lazer Strip | CFX Flexible Connector | 3IN 3 inches 6IN 6 inches 12IN 12 inches 36IN 36 inches 96IN 96 inches 144IN 144 inches | RGB Red, Green, & Blue TW Tunable White Leave Blank for Static White and Monochromatic Color |



PIN CONNECTORS

Extra soldering pin connectors. Male and female.

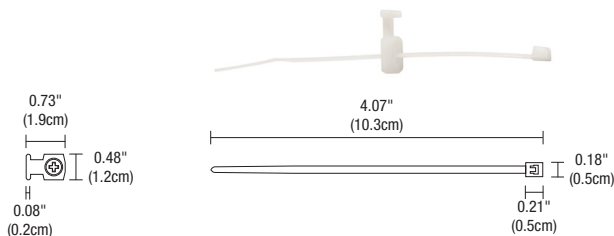
| System | Product | Type | Color Temperature |
|----------------|--|---------------|---|
| LS | ML | CON | |
| LS Lazer Strip | FE Female Connector ML Male Connector | CON Connector | RGB Red, Green & Blue (Tunable White compatible) Leave Blank for Static White and Monochromatic Color |



LAZER STRIP U-STRAP

Use every 6 - 12 inches for extra support (30/package).

| Product | Type |
|----------------|------------|
| SS | SU |
| SS Strip Strap | SU U-Strap |



LAZER STRIP TIE STRAP

Use every 6 - 12 inches for extra support (30/package).

| Product | Type |
|----------------|--------------|
| SS | ST |
| SS Strip Strap | ST Tie Strap |

| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|
| | | |