

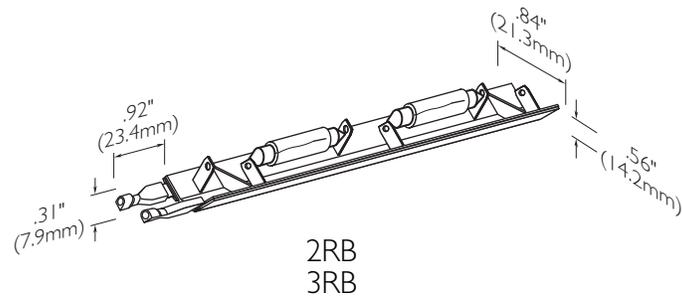
LINEAR LIGHT STRIP

SERIES 200-300

PRODUCT SPECIFICATION

| Product | Cat. No. | Finish | Lamp Options |
|------------|----------|---------------|-----------------------------|
| Series 200 | 2RB | White | Incandescent 12v/24v 3w, 5w |
| Series 300 | 3RB | Mirror Plated | |

LIGHT STRIP WITH CRIMP-ON SPADE CONNECTORS



GENERAL DESCRIPTION

Miniature linear lighting system for low voltage applications. 5/8 inch high with lamp by 7/8 inch wide. Series 200 is gloss white for high and even reflectance. Series 300 is mirror plated. Both series are sold in lengths up to a maximum of 10 ft. (3.04m) at 24v or 5 ft. (1.52m) at 12v (See Electrical for specifics). Fixture comes complete with crimp-on spade connectors. Light Strip utilizes 12v or 24v incandescent festoon lamps which may be mounted 2 1/8 inches (54mm) or 4 1/4 inches (108mm) on center standard. Refer to lamp table on reverse side for festoon lamp options. Remote 12v or 24v transformer required.

MOUNTING

Light Strips come with double-sided foam tape. Peel away tape liner and press strip onto clean, dry mounting surface. Additional attachment must be made with #4 screws installed through pilot holes provided. Light Strips may be easily cut to required field dimensions with saw or nippers. Burrs should be removed after cutting product. Light Strip requires adequate ventilation to dissipate heat generated during operation. Care should be taken to avoid placing Light Strip in confined areas. Allow 4" to 6" set back from combustible and heat sensitive materials.

MATERIAL

Light Strip made of polycarbonate with solid brass conductors. Thermal deflection temperature of plastic is 212°F (100°C) at 264 PSI.

LABEL

Both Series are U.L. Class II listed when used with U.L. Class II listed isolation transformers; 60 watts maximum run. File No. E71480.

ELECTRICAL

Light Strip rated at 11.25 amps. U.L. Class II listing restricted to use of Class II Transformers. **Total wattage on Light Strip cannot exceed 135w on a 12v system or 270w on a 24v system. The lamp's voltage, watts, and spacing combination will determine maximum length allowed on Light Strip.**

OPTIONS

Polished brass and chrome housings are offered in right-angle and round profiles for recess of Light Strip in glass shelving, display case and decorative applications.

PATENTS

U.S. and other foreign patents. An Agabekov system.

WARRANTY

Manufacturer's one year warranty of product is conditioned on use of manufacturer supplied remote transformers.

LUCIFER
LIGHTING COMPANY

414 Live Oak Street
San Antonio, Texas 78202
Phone 210 227-7329
FAX 210 227-4967
www.luciferlighting.com

©2002 Lucifer Lighting Company

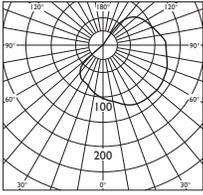
As part of its policy of continuous research and product development, the Company reserves the right to change or withdraw specifications without prior notice.

0920-0402

LINEAR LIGHT STRIP

SERIES 200-300

PHOTOMETRICS

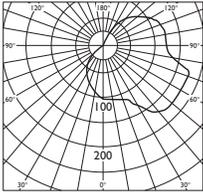


SERIES 200

With twenty-one 24v 5w clear incandescent lamps. For 3 watt multiply x .27. Add 5.04 CP for each additional 5 watt lamp. Tested at 45° off nadir.

| CANDLEPOWER SUMMARY | | |
|---------------------|--------|---------------|
| Angle | Across | Output Lumens |
| 0 | 106 | 5 |
| 5 | 108 | 16 |
| 15 | 119 | 27 |
| 25 | 132 | 37 |
| 35 | 135 | 44 |
| 45 | 136 | 47 |
| 55 | 137 | 47 |
| 65 | 134 | 47 |
| 75 | 127 | 43 |
| 85 | 122 | 39 |
| 90 | 121 | 37 |
| 95 | 119 | 35 |
| 105 | 110 | 30 |
| 115 | 97 | 23 |
| 125 | 90 | 15 |
| 135 | 79 | 5 |
| 145 | 47 | 1 |
| 155 | 6 | 0 |
| 165 | 3 | 0 |
| 175 | 3 | 0 |
| 180 | 3 | 0 |

Efficiency = 73.4% S/MH = 1.9 SC = 1.9



SERIES 300

With twenty-one 24v 5w clear incandescent lamps. For 3 watt multiply x .27. Add 4.93 CP for each additional 5 watt lamp. Tested at 45° off nadir.

| CANDLEPOWER SUMMARY | | |
|---------------------|--------|---------------|
| Angle | Across | Output Lumens |
| 0 | 103 | 5 |
| 5 | 108 | 15 |
| 15 | 111 | 24 |
| 25 | 122 | 36 |
| 35 | 161 | 47 |
| 45 | 176 | 52 |
| 55 | 176 | 55 |
| 65 | 176 | 53 |
| 75 | 162 | 42 |
| 85 | 126 | 33 |
| 90 | 122 | 32 |
| 95 | 122 | 30 |
| 105 | 114 | 23 |
| 115 | 99 | 16 |
| 125 | 81 | 7 |
| 135 | 64 | 2 |
| 145 | 32 | 0 |
| 155 | 4 | 0 |
| 165 | 0 | 0 |
| 175 | 0 | 0 |
| 180 | 0 | 0 |

Efficiency = 71.7% S/MH = 2.2 SC = 2.2

Photometrics by Lighting Sciences, Inc., Scottsdale, Arizona, a nationally recognized testing facility serving the illumination industry, in accordance with current IES published procedures. Beam width to 50% maximum candlepower. To convert to lux, multiply footcandles x 10.75.

FESTOON LAMP OPTIONS



Lamps Available

Incandescent Clear

Incandescent Frosted

| | | |
|--------------------------|--------------|--------------|
| Lamp Envelope | SV8.5-8 | SV8.5-8 |
| Maximum Overall Length | 1.74" (44mm) | 1.74" (44mm) |
| Maximum Overall Diameter | .40" (10mm) | .40" (10mm) |
| Color Temperature | 2450°K | 2450°K |
| Average Life | 4000 Hrs. | 4000 Hrs. |
| | 12v 5w | 24v 5w |
| | 24v 3w | |
| | 24v 5w | |