

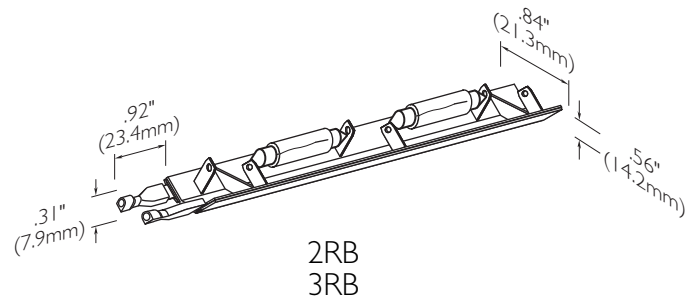
# LINEAR LIGHT STRIP

## 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.

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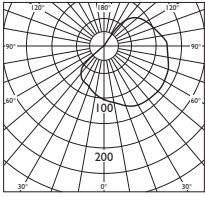
As part of its policy of continuous research and product development, the Company reserves the right to change or withdraw specifications without prior notice.

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### PHOTOMETRICS

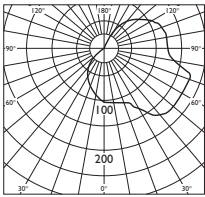


#### SERIES 200

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	108	5
15	119	16
25	132	27
35	135	37
45	136	44
55	137	47
65	134	47
75	127	43
85	122	39
90	121	
95	119	37
105	110	35
115	97	30
125	90	23
135	79	15
145	47	5
155	6	1
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	108	5
15	111	15
25	122	24
35	161	36
45	176	47
55	176	52
65	176	55
75	162	53
85	126	42
90	122	
95	122	33
105	122	32
115	114	30
125	99	23
135	81	16
145	64	7
155	32	2
165	4	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	