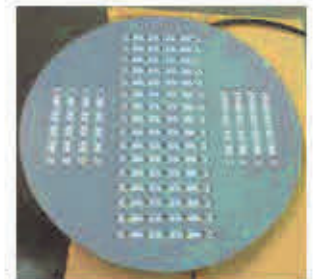
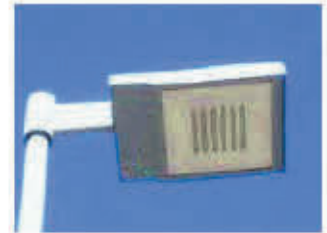
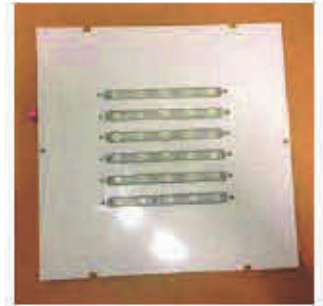


Achieve significant energy saving without sacrificing site aesthetics. Bieber's SR series is a versatile retrofit kit that accommodates a wide range of wattages and that can be customized to fit in any shape and size of fixture. Powered by our patent-pending EncapLED™ modules, the retrofit kit delivers high lumen output and precise light distribution. Ideal for LED-upgrade projects for area lighting where customers prefer to keep existing fixtures.



Feature Highlight

- Philips Lumileds chip
- Life: L70 100,000 hours at 25C
- Up to 115 lm/W efficacy at 5000K
- Patent-pending EncapLED module for superior cooling and durability
- Wide range of wattage selections from 20W to 300W
- CETL/CUL, ROHS, IP65 rated and DLC
- Five year warranty

Electrical Specification

- Power input: 120-277V, 347 or 480V optional
- Power factor >90
- UL-listed driver
- Optional 0-100% dimming, motion sensor or smart controls to optimize energy savings with automatic scheduling

Mechanical Specification

- The shape and size of the plate can be customized to fit into existing fixtures
- White, Silver, Bronze, Black

Optical Specification

- Color temperature from 2700K to 6000K
- CRI 70
- Type II, III and V



| Model # | No. of LEDs | System Wattage | Lumens at 5000K | Model # | No. of LEDs | System Wattage | Lumens at 5000K |
|-----------|-------------|----------------|-----------------|-----------|-------------|----------------|-----------------|
| DL-S-20W | 10 | 23 | 2150 | DL-S-120W | 60 | 129 | 12900 |
| DL-S-30W | 15 | 33 | 3225 | DL-S-130W | 65 | 140 | 13975 |
| DL-S-40W | 20 | 44 | 4300 | DL-S-140W | 70 | 149 | 15050 |
| DL-S-50W | 25 | 54 | 5375 | DL-S-160W | 80 | 178 | 17200 |
| DL-S-60W | 30 | 65 | 6450 | DL-S-180W | 90 | 198 | 19350 |
| DL-S-70W | 35 | 75 | 7525 | DL-S-200W | 100 | 220 | 21500 |
| DL-S-80W | 40 | 89 | 8600 | DL-S-220W | 110 | 240 | 23650 |
| DL-S-90W | 45 | 99 | 9675 | DL-S-240W | 120 | 258 | 25800 |
| DL-S-100W | 50 | 110 | 10750 | DL-S-260W | 130 | 280 | 27950 |
| DL-S-110W | 55 | 120 | 11825 | DL-S-280W | 140 | 298 | 30100 |

Bieber Illumination Group
 PO Box 49303 - Los Angeles, CA. 90049

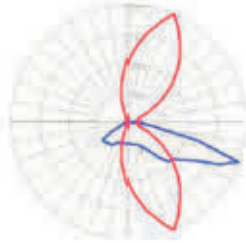
310-451-5589

garybieber@yahoo.com

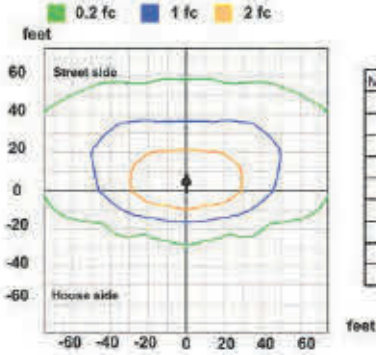
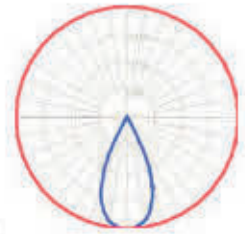
DAYLIGHT RETRO FIT: DL-SR

Light Distribution Pattern

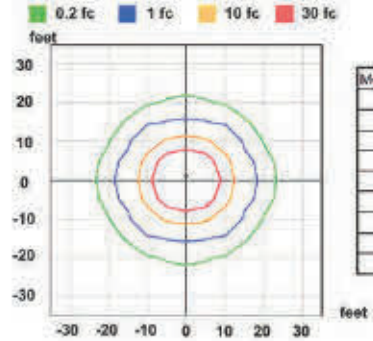
Type 3



Type 5N (50 degrees)

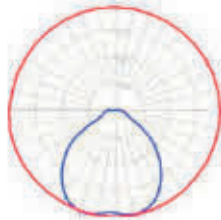


| Mounting Height (fc) | Multiplier |
|----------------------|------------|
| 10 | 6.250 |
| 15 | 2.778 |
| 20 | 1.563 |
| 25 | 1.000 |
| 30 | 0.694 |
| 35 | 0.510 |
| 40 | 0.391 |
| 45 | 0.309 |
| 50 | 0.250 |

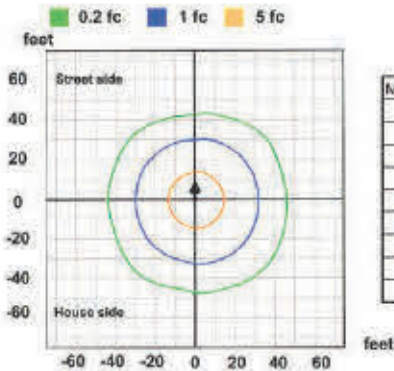
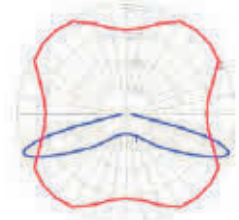


| Mounting Height (fc) | Multiplier |
|----------------------|------------|
| 10 | 6.250 |
| 15 | 2.778 |
| 20 | 1.563 |
| 25 | 1.000 |
| 30 | 0.694 |
| 35 | 0.510 |
| 40 | 0.391 |
| 45 | 0.309 |
| 50 | 0.250 |

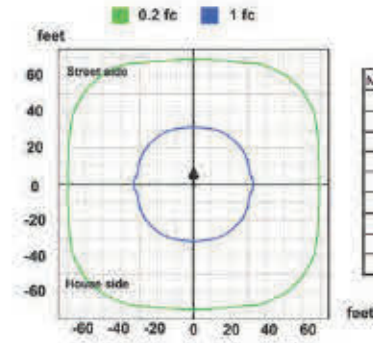
Type 5M (100 degrees)



Type 5W (150 degrees)



| Mounting Height (fc) | Multiplier |
|----------------------|------------|
| 10 | 6.250 |
| 15 | 2.778 |
| 20 | 1.563 |
| 25 | 1.000 |
| 30 | 0.694 |
| 35 | 0.510 |
| 40 | 0.391 |
| 45 | 0.309 |
| 50 | 0.250 |



| Mounting Height (fc) | Multiplier |
|----------------------|------------|
| 10 | 6.250 |
| 15 | 2.778 |
| 20 | 1.563 |
| 25 | 1.000 |
| 30 | 0.694 |
| 35 | 0.510 |
| 40 | 0.391 |
| 45 | 0.309 |
| 50 | 0.250 |

Order Information

| Model # | CCT | Lens Type | Finish | Options | Voltage |
|-----------------------------|-------|------------|--------------|------------|----------------|
| DL-SR Watages (20W-280W) | 5000K | 2S | Bronze (BRN) | N: None | V1: 120 - 270V |
| | 4000K | 3M | Black (BLK) | D: Dimming | V2: 347 - 480V |
| | 3500K | 5N, 5M, 5W | Silver (SLV) | S: Smart | |
| | 3000K | | White (WHT) | | |

Example: DL-SR-120W-5000K-3M-WHT-N-V1

Bieber Illumination Group

Cutting-edge

Customized

Comprehensive

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