

BL neonVIEW SAUNA FLAT SI SC

Diffused, Flexible, Linear LED Lighting,
24VDC, Constant Voltage
Flat Profile, Silicone, Single Color, Sauna Rated

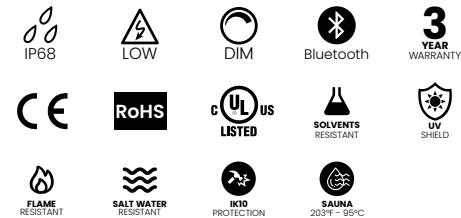


Create seamless lines of light, up to 48ft in length, with marine-grade IP68 wet location rated injection molded terminations. With safe 24VDC operation, a low power draw of just 1.83 watts per foot, and superior resistance to humidity and heat up to 203°F (95°C), BL neonVIEW SAUNA FLAT SI SC is fully dimmable, long lasting, and ideal for providing calm, revitalizing lighting in spas, saunas, steam rooms and hot springs.

- Dot-free
- Seamless connections
- 40°F to 203°F (-40°C to 95°C)
- Sauna Rated

| | |
|--------------|--|
| CLIENT | |
| PROJECT NAME | |
| LOCATION | |
| DATE | |

Product Detail



| | | |
|----------------|-----------------------|--|
| Lighting | Lamp | LED, SMD 2835 |
| | LED's Per Foot | 21 LEDs/ft (72 LEDs/m) |
| | Beam Angle | 120° |
| | Average Life | 50,000 Hours |
| Electrical | Controls | 0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth |
| | Input Voltage | 24VDC |
| | Max Input Current | 4.12A (White) |
| | Connections | 18AWG, Copper Conductors |
| | Power Cable Length | Standard 10ft (3m). Also available in 16ft (5m) and 32ft (10m) |
| Mechanical | Circuit | Class 2 |
| | Housing Construction | Injection Moulded White Silicone |
| | Minimum Bend Radius | 2.25" (60mm) |
| | Operating Temperature | -40°F to 203°F (-40°C to 95°C) |
| Environmental | Ingress Protection | IP68 |
| | Impact Protection | IK10 |
| | Vibration Rating | - |
| | Resistance | UV, Flame, Solvents and Saltwater Resistant |
| Certifications | | cULus, CE, RoHS Compliant |

Performance

| CCT/Color | | 2200K | 2700K | 3000K | 3500K | 4000K | 5700K |
|-------------|--------------|-----------------|----------|----------|----------|----------|----------|
| Power | W/FT (W/m) | 1.83 (6) | | | | | |
| Lumens | lm/FT (lm/m) | 61 (200) | 64 (210) | 64 (210) | 64 (210) | 64 (210) | 64 (210) |
| Efficacy | lm/W | 33 | 35 | 35 | 35 | 35 | 35 |
| CRI | CRI | 80 | | | | | |
| Increment | inch (mm) | 3.28 (83.3) | | | | | |
| Max. Length | ft (m) | 32ft 6in (10m)* | | | | | |

*48ft (14.6m) for non sauna applications.

Ordering

| Product Code | CCT | Lead Orientation | | Mounting Accessories* | |
|----------------------|-------|------------------|-------------------|-----------------------|-----------------------------|
| BL neonVIEW SN FT SI | | | | | |
| | 2200K | NVS FT BC 68 | = Back Lead | NV CPS | = Mounting Clip |
| | 2700K | NVS FT EC 68 | = End Lead | NV CHS | = Mounting Channel |
| | 3000K | NVS FT RC 68 | = Right Side Lead | NV RCPS | = Recessed Mounting Clip |
| | 3500K | NVS FT LC 68 | = Left Side Lead | NV RCHS | = Recessed Mounting Channel |
| | 4000K | | | NV FCHS AL | = Flexible Mounting Channel |
| | 5700K | | | | |

* Stainless steel and composite mounting options are also available.



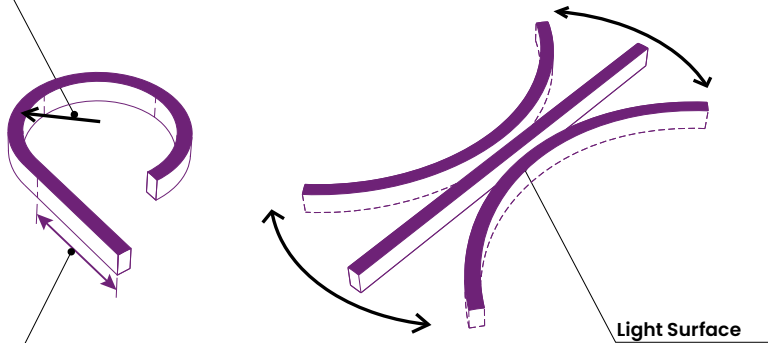
Minimum Bend Radius and Bend Orientation

Minimum Bend Radius

2.25" (60mm)

Cutting Increments

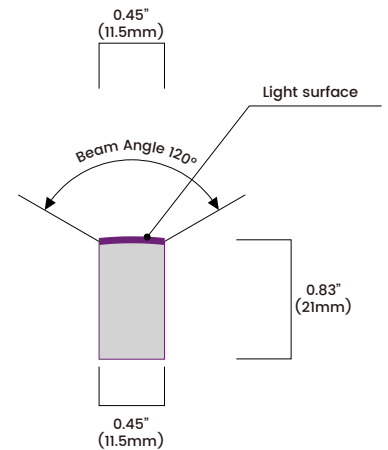
3.28" (83.3mm)



BL neonVIEW FLAT Series bends horizontally

Vertical bend option available on BL neonVIEW SIDE Series

Beam Angle & Viewing Angle

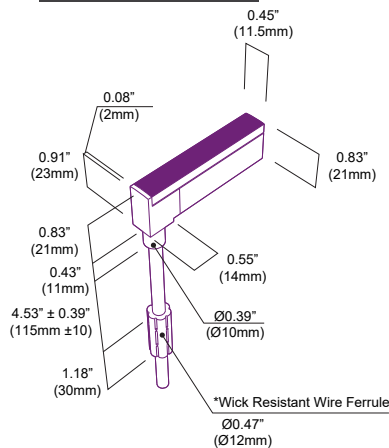


Average Beam Angle (50%): 113.2°

Dimensions & Lead Orientations

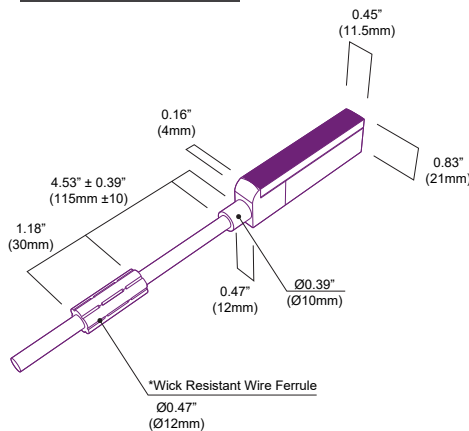
Back Lead

NVS FT BC 68

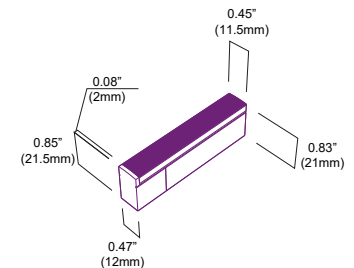


End Lead

NVS FT EC 68

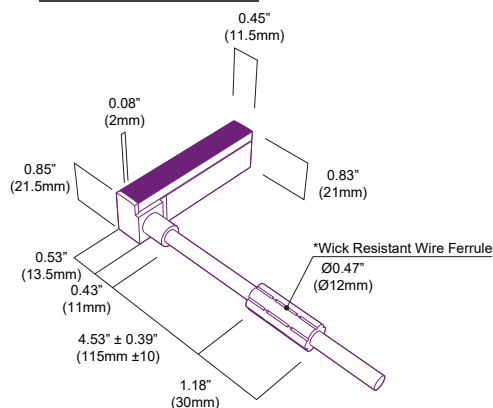


End Cap



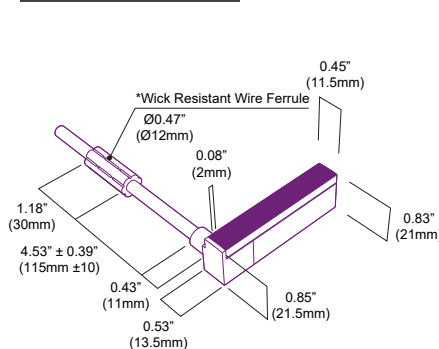
Right Side Lead

NVS FT RC 68



Left Side Lead

NVS FT LC 68



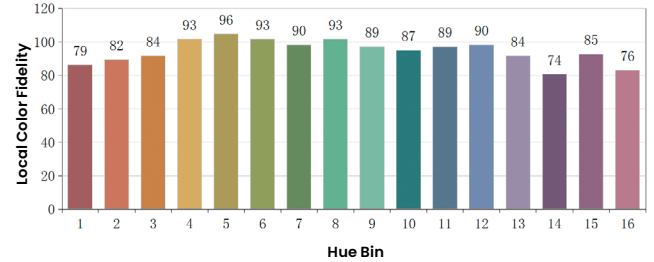
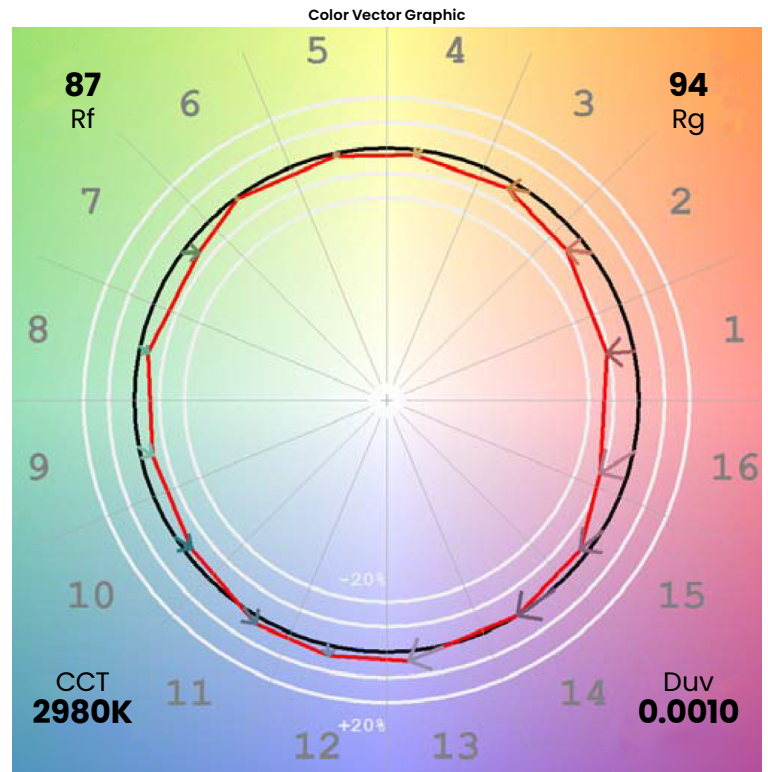
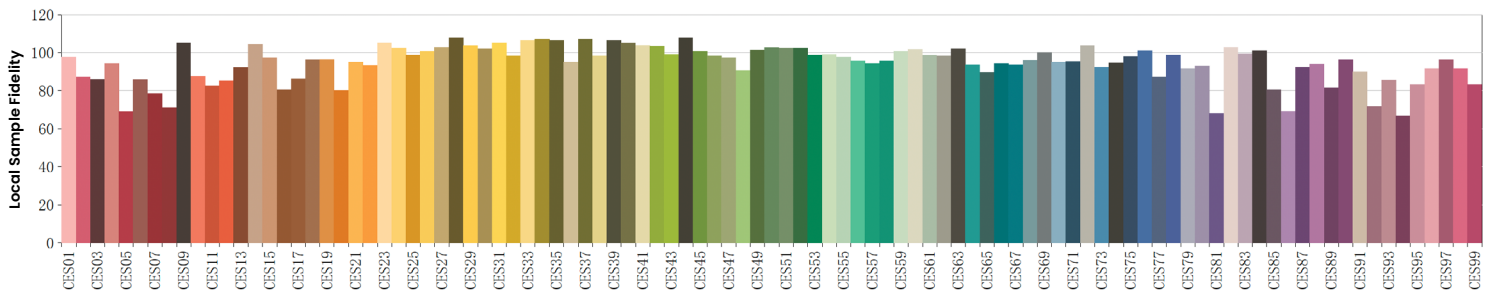
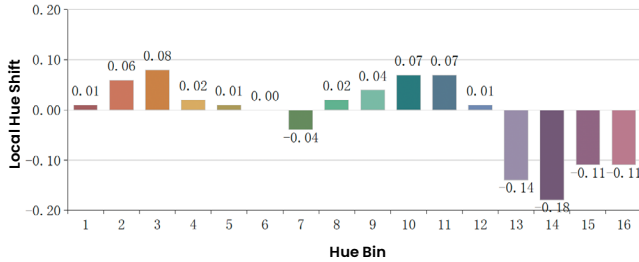
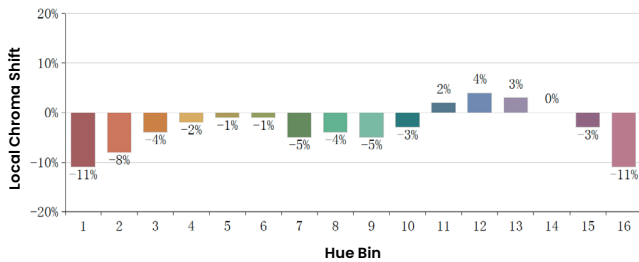
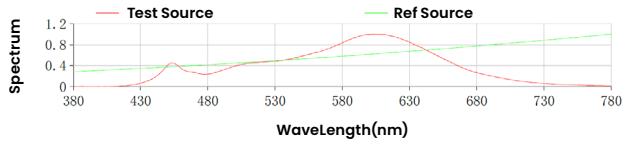
*The Wick Resistant Wire Ferrule is built into the lead wire, 4.5" (115mm) from the BL neonVIEW Termination Connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.



Colorimetric Details

| CCT | CRI | Rf | Rg |
|-------|-----|----|----|
| 3000K | 85 | 87 | 94 |

Rf: 87
Rg: 94
CCT: 2980K
Duv: 0.0010
u': 0.2509
v': 0.5232



*All results in accordance with ANSI C78.377 standard

