# Sauna Dome

**BL Neonview** 

Diffused, Flexible, Linear LED Lighting, 24VDC, Constant Voltage Dome 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), Sauna Dome is fully dimmable, long lasting, and ideal for providing calm, revitalizing lighting in spas, saunas, steam rooms and hot springs.

CLIENT PROJECT NAME LOCATION DATE

Dot-free Seamless connections

Wide 270 ° viewing angle

-40°F to 203°F (-40°C to 95°C)

Sauna Rated

# **Product Detail**

























| Lighting      | Lamp                  | LED, SMD 2835  |
|---------------|-----------------------|--|
|               | LED's Per Foot        | 21 LEDs/ft (72 LEDs/m)   |
|               | Beam Angle            | 160°   |
|               | 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) |
|               | Circuit               | Class 2  |
| Mechanical    | Housing Construction  | Injection Moulded White Silicone                               |
| Mechanical    | Minimum Bend Radius   | 2.25" (60mm)   |
|               | Operating Temperature | -40°F to 203°F (-40°C to 95°C)                                 |
|               | Ingress Protection    | IP68   |
| Environmental | Impact Protection     | IK10   |
|               | Vibration Rating      | 3G   |
|               | Resistance            | UV, Flame, Solvents and Saltwater Resistant                    |
|               | Certifications        | cULus, CE, RoHS Compliant                                      |
|               |                       |  |

# Performance

| CCT/Color   |              | 2200K           | 2700К    | 3000К    | 3500K    | 4000K    | 5700K    |
|-------------|--------------|-----------------|----------|----------|----------|----------|----------|
| Power       | W/FT (W/m)   | 1.83 (6)        |          |          |          |          |          |
| Lumens      | Im/FT (Im/m) | 70 (230)        | 85 (280) | 85 (280) | 85 (280) | 85 (280) | 85 (280) |
| Efficacy    | lm/W         | 38              | 46       | 46       | 46       | 46       | 46       |
| 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 | Series | ССТ   | Input Voltage | IP Rating |
|--------------|--------|-------|---------------|-----------|
| SND          | N      |       | 24            | IP68      |
|              |        | 2200K |               |           |
|              |        | 2700K |               |           |
|              |        | 3000K |               |           |
|              |        | 3500K |               |           |
|              |        | 4000K |               |           |
|              |        | 5700K |               |           |

Lengths, Lead Orientations & Mounting Accessories for Neonview must be confirmed at time of order.

**BL LIGHTING** ILLUMINATE EVERYTHING

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Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information BL LIGHTING catalog

bllighting.com





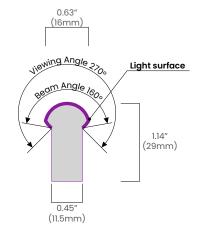
# Minimum Bend Radius and Bend Orientation

# Minimum Bend Radius 2.25" (60mm) Cutting Increments 3.28" (83.3mm)

# BL Neonview DOME bends horizontally

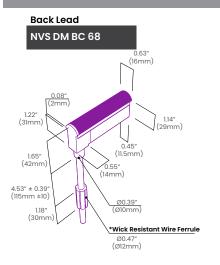
Vertical bend option available on BL Neonview SIDE

# Beam Angle & Viewing Angle

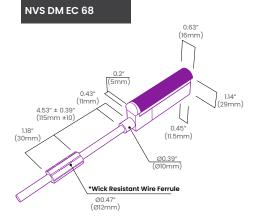


Average Beam Angle (50%): 141.9°

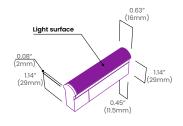
# Dimensions & Lead Orientations



# **End Lead**

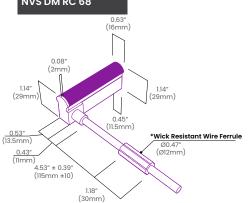


#### **End Cap**



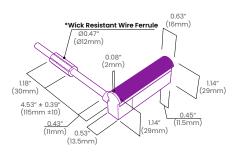
# **Right Side Lead**

### NVS DM RC 68



# Left Side Lead

### NVS DM 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.

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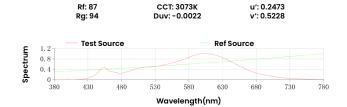
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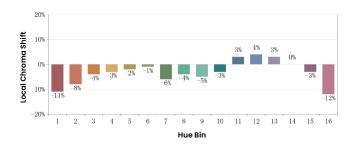


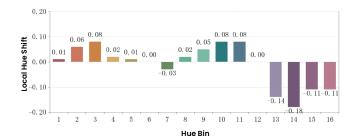


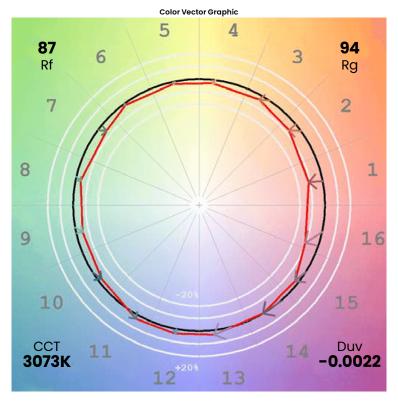
# **Colorimetric Details**

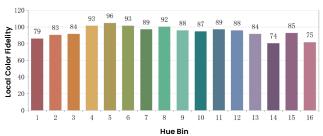
| ССТ   | CRI | Rf | Rg |
|-------|-----|----|----|
| 3000K | 85  | 87 | 94 |

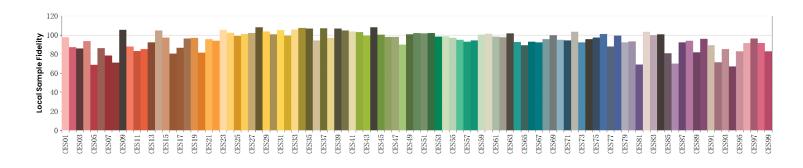












\*All results in accordance with ANSI C78.377 standard

