

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P195266

Luminaire Tested: **NVN-AF-02-LED-U-SLR-7060-600**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P195266  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24264)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: NVN-AF-02-LED-U-SLR-7060-600  
Description: NAVION ROADWAY AND AREA LUMINAIRE  
(2) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7088 lumens  
Efficiency: N/A  
Efficacy: 107.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

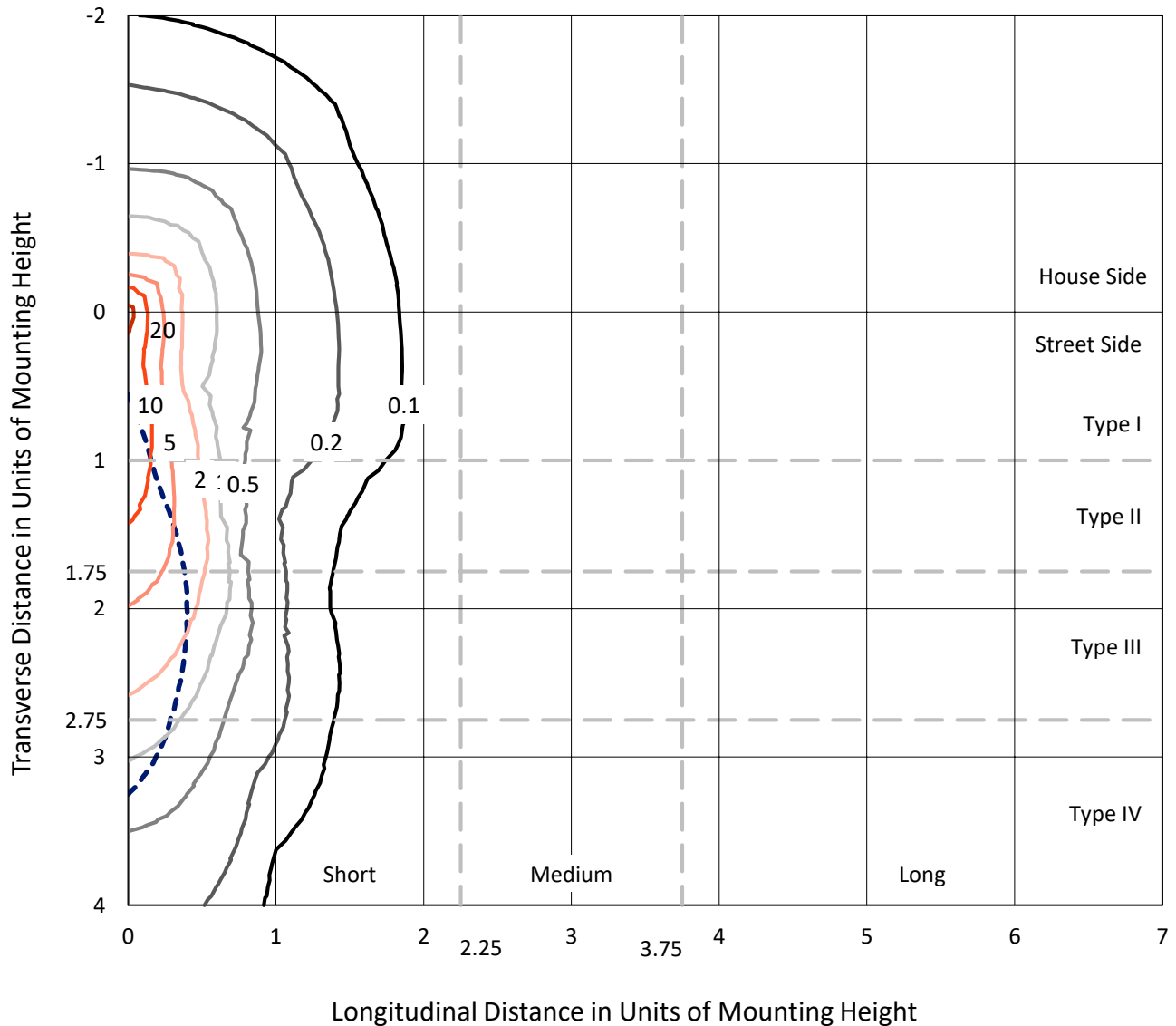
Input Watts (W): 66  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

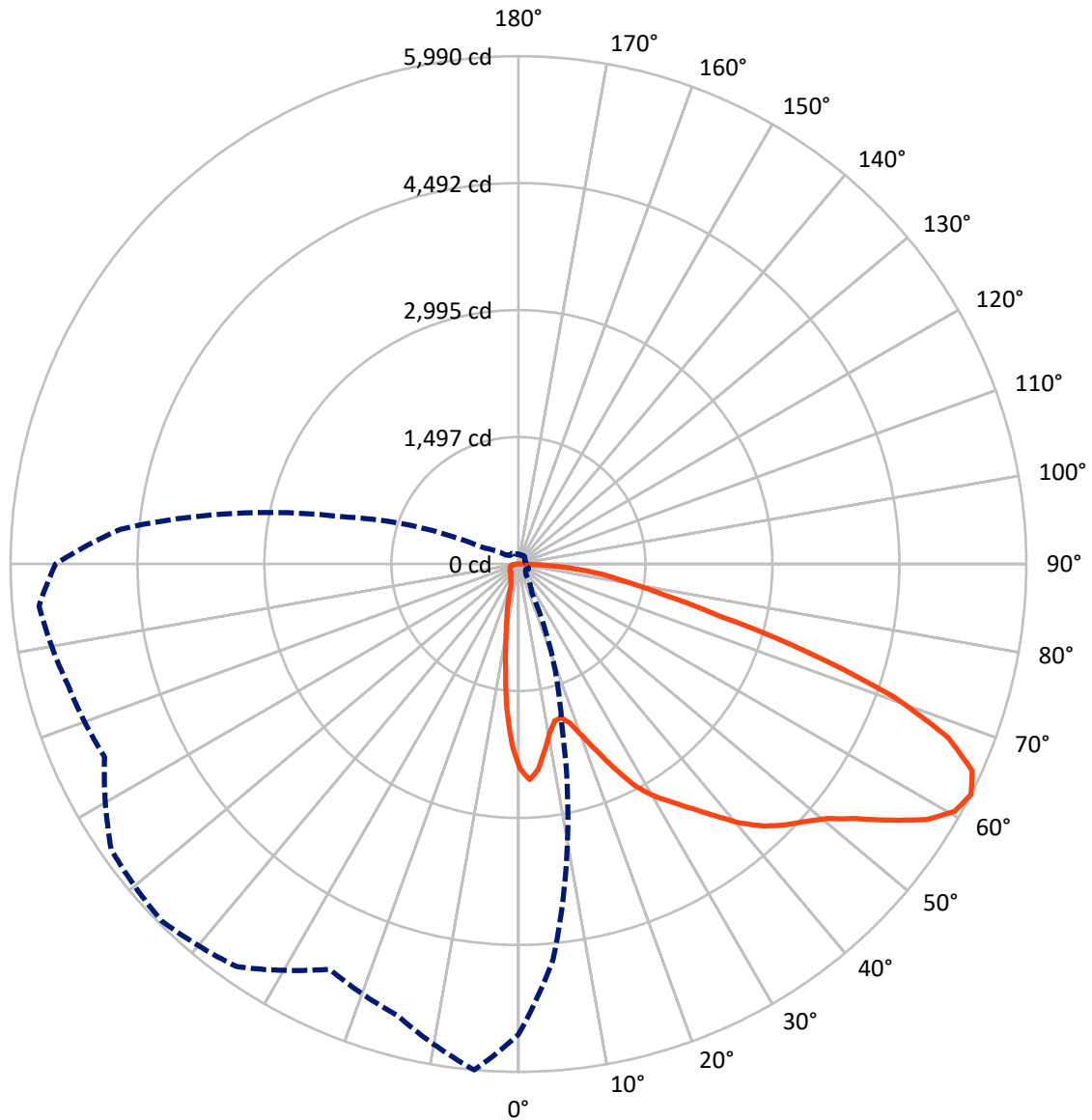
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 24.2 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1255.7   | 0.0    | 1255.7 |
|                    | % Fixture | 17.7     | 0.0    | 17.7   |
| <b>Street Side</b> | Lumens    | 5832.3   | 0.0    | 5832.3 |
|                    | % Fixture | 82.3     | 0.0    | 82.3   |
| <b>Total</b>       | Lumens    | 7088.0   | 0.0    | 7088.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 175.7  | 2.5       |
| 10°-20°   | 321.0  | 4.5       |
| 20°-30°   | 461.7  | 6.5       |
| 30°-40°   | 707.1  | 10.0      |
| 40°-50°   | 1033.7 | 14.6      |
| 50°-60°   | 1504.1 | 21.2      |
| 60°-70°   | 1742.7 | 24.6      |
| 70°-80°   | 908.5  | 12.8      |
| 80°-90°   | 233.5  | 3.3       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 7088.0 | 100.0     |
| 0°-180°   | 7088.0 | 100.0     |



REPORT NUMBER: P195266

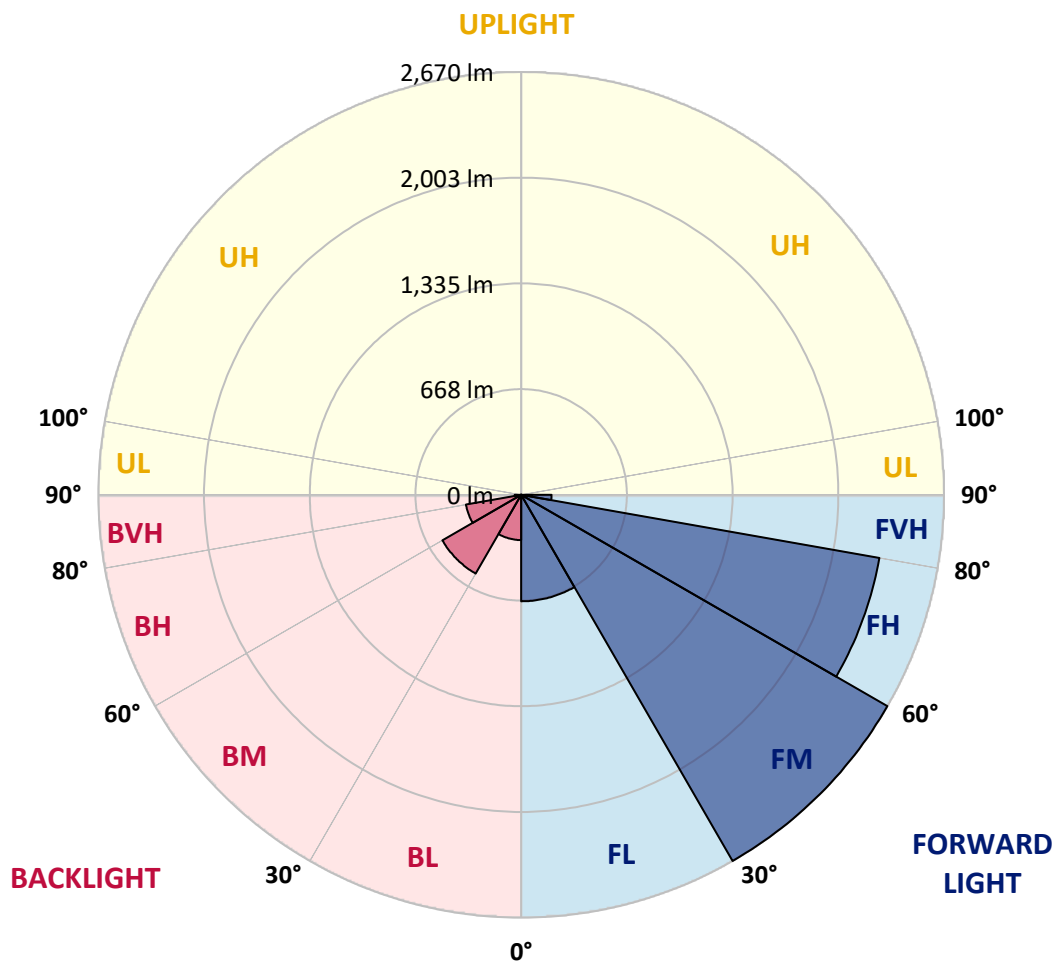
CATALOG NUMBER: NVN-AF-02-LED-U-SLR-7060-600

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 672.7  | 9.5       |                         |      |         |
| FM   | (30°-60°)   | 2670.4 | 37.7      |                         |      |         |
| FH   | (60°-80°)   | 2297.1 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 192.1  | 2.7       |                         |      | G2/225  |
| BL   | (0°-30°)    | 285.7  | 4.0       | B1/500                  |      |         |
| BM   | (30°-60°)   | 574.5  | 8.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 354.1  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 41.4   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short





REPORT NUMBER: P195266

CATALOG NUMBER: NVN-AF-02-LED-U-SLR-7060-600

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 |
| 2.5°  | 2494.6 | 2459.6 | 2378.9 | 2308.0 | 2219.6 | 2153.3 | 2072.6 | 2030.0 | 1998.6 | 1977.6 | 1960.6 |
| 5°    | 2330.1 | 2245.8 | 2091.6 | 1956.5 | 1810.5 | 1705.2 | 1581.8 | 1514.5 | 1472.9 | 1450.3 | 1440.0 |
| 7.5°  | 2086.0 | 1974.5 | 1775.1 | 1593.7 | 1411.2 | 1279.7 | 1186.1 | 1086.4 | 1033.5 | 999.1  | 987.7  |
| 10°   | 1872.7 | 1746.8 | 1508.9 | 1304.8 | 1164.0 | 1070.5 | 990.3  | 898.8  | 831.0  | 771.9  | 749.8  |
| 12.5° | 1748.9 | 1602.4 | 1331.0 | 1146.6 | 1028.3 | 928.1  | 843.3  | 744.7  | 673.2  | 611.6  | 587.9  |
| 15°   | 1722.7 | 1559.2 | 1256.5 | 1045.8 | 900.9  | 780.1  | 678.4  | 571.0  | 501.1  | 450.2  | 433.7  |
| 17.5° | 1801.8 | 1600.3 | 1225.2 | 953.8  | 779.1  | 631.6  | 506.2  | 391.1  | 333.0  | 305.3  | 298.6  |
| 20°   | 1964.7 | 1690.8 | 1210.3 | 871.1  | 660.9  | 486.2  | 350.0  | 265.7  | 236.9  | 228.7  | 228.2  |
| 22.5° | 2179.0 | 1837.8 | 1226.7 | 803.3  | 549.9  | 358.7  | 256.4  | 218.4  | 206.6  | 202.0  | 202.0  |
| 25°   | 2421.1 | 2036.7 | 1270.4 | 751.3  | 452.2  | 279.1  | 221.0  | 200.4  | 190.7  | 186.0  | 186.6  |
| 27.5° | 2717.1 | 2278.7 | 1330.0 | 703.6  | 382.4  | 244.6  | 206.6  | 189.1  | 179.4  | 174.7  | 175.2  |
| 30°   | 2940.1 | 2486.8 | 1381.4 | 659.9  | 346.4  | 230.7  | 198.9  | 182.4  | 171.6  | 165.0  | 164.5  |
| 32.5° | 3148.8 | 2670.3 | 1423.0 | 628.5  | 325.8  | 206.1  | 179.9  | 167.5  | 158.3  | 150.6  | 149.0  |
| 35°   | 3379.5 | 2843.0 | 1442.6 | 627.5  | 312.5  | 186.0  | 164.5  | 149.6  | 140.3  | 131.6  | 130.0  |
| 37.5° | 3641.1 | 3054.2 | 1459.0 | 633.7  | 305.3  | 173.2  | 157.3  | 142.9  | 135.2  | 126.4  | 124.4  |
| 40°   | 3913.5 | 3260.8 | 1471.9 | 638.8  | 304.2  | 164.5  | 151.6  | 138.8  | 131.0  | 121.8  | 119.7  |
| 42.5° | 4147.3 | 3443.8 | 1489.3 | 636.7  | 297.0  | 162.9  | 148.0  | 135.2  | 128.0  | 118.7  | 116.1  |
| 45°   | 4334.4 | 3589.2 | 1516.6 | 636.2  | 286.3  | 166.5  | 147.0  | 134.1  | 125.4  | 115.6  | 113.6  |
| 47.5° | 4508.6 | 3753.1 | 1574.1 | 634.2  | 274.4  | 165.5  | 152.6  | 133.1  | 124.4  | 114.6  | 113.1  |
| 50°   | 4708.0 | 3973.6 | 1672.3 | 618.8  | 258.0  | 158.3  | 162.9  | 132.1  | 121.8  | 113.1  | 111.5  |
| 52.5° | 4985.5 | 4296.4 | 1817.7 | 591.0  | 235.4  | 150.6  | 164.5  | 131.6  | 117.7  | 110.0  | 107.9  |
| 55°   | 5311.9 | 4642.2 | 1974.5 | 550.9  | 205.6  | 137.2  | 156.2  | 129.5  | 113.6  | 105.4  | 102.3  |
| 57.5° | 5564.2 | 4897.6 | 2083.9 | 493.4  | 176.3  | 129.5  | 139.3  | 124.9  | 108.4  | 100.2  | 97.6   |
| 60°   | 5635.1 | 4908.9 | 2103.5 | 424.5  | 161.4  | 124.4  | 119.7  | 136.2  | 104.3  | 95.6   | 93.0   |
| 62.5° | 5550.3 | 4684.4 | 1976.0 | 376.2  | 156.2  | 119.2  | 109.0  | 130.0  | 100.2  | 91.5   | 88.9   |
| 65°   | 5299.0 | 4305.1 | 1690.8 | 369.0  | 161.4  | 114.6  | 103.3  | 103.8  | 96.1   | 87.4   | 84.8   |
| 67.5° | 4712.1 | 3747.0 | 1332.1 | 373.6  | 167.5  | 110.0  | 99.2   | 94.6   | 91.5   | 83.8   | 80.7   |
| 70°   | 3832.3 | 3016.7 | 1049.4 | 381.8  | 173.2  | 103.8  | 94.0   | 88.4   | 85.8   | 77.6   | 76.1   |
| 72.5° | 2951.9 | 2414.4 | 827.9  | 376.2  | 178.8  | 97.6   | 86.9   | 82.2   | 79.1   | 71.4   | 69.9   |
| 75°   | 2096.3 | 1918.5 | 608.5  | 322.7  | 163.9  | 88.9   | 78.6   | 74.5   | 71.9   | 63.7   | 63.2   |
| 77.5° | 1510.9 | 1436.9 | 423.5  | 242.6  | 129.5  | 78.1   | 69.4   | 65.8   | 64.2   | 55.0   | 55.0   |
| 80°   | 1205.1 | 1093.6 | 253.4  | 158.3  | 94.6   | 64.8   | 58.1   | 56.5   | 55.0   | 45.7   | 46.3   |
| 82.5° | 866.0  | 758.5  | 161.9  | 98.7   | 69.4   | 49.3   | 45.2   | 44.7   | 42.1   | 33.9   | 33.9   |
| 85°   | 444.0  | 387.5  | 103.8  | 66.3   | 48.8   | 31.9   | 29.8   | 28.8   | 27.2   | 21.1   | 21.1   |
| 87.5° | 86.3   | 118.7  | 57.6   | 32.4   | 23.6   | 11.3   | 11.3   | 9.8    | 11.3   | 7.7    | 8.2    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P195266  
 CATALOG NUMBER: NVN-AF-02-LED-U-SLR-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 |
| 2.5°  | 1993.0 | 1982.7 | 1975.5 | 1971.9 | 2023.8 | 2045.4 | 2070.1 | 2105.5 | 2129.7 | 2119.4 | 2152.3 |
| 5°    | 1488.3 | 1495.5 | 1511.9 | 1537.6 | 1610.1 | 1644.5 | 1666.6 | 1695.9 | 1717.0 | 1695.9 | 1730.9 |
| 7.5°  | 1017.6 | 1028.3 | 1063.3 | 1116.2 | 1203.6 | 1242.1 | 1249.8 | 1250.4 | 1245.7 | 1211.3 | 1234.9 |
| 10°   | 749.3  | 727.7  | 735.4  | 773.4  | 851.6  | 886.0  | 889.6  | 880.3  | 878.8  | 864.9  | 891.6  |
| 12.5° | 580.7  | 550.9  | 533.4  | 539.6  | 598.2  | 626.5  | 631.1  | 636.2  | 657.3  | 664.0  | 696.9  |
| 15°   | 433.2  | 417.8  | 405.0  | 399.3  | 437.9  | 460.0  | 462.5  | 474.9  | 497.0  | 503.1  | 531.4  |
| 17.5° | 304.8  | 308.9  | 315.5  | 318.1  | 345.9  | 360.3  | 356.1  | 356.1  | 359.7  | 358.2  | 374.1  |
| 20°   | 232.8  | 241.0  | 253.9  | 266.2  | 291.4  | 299.6  | 289.3  | 276.5  | 268.3  | 264.2  | 267.8  |
| 22.5° | 205.6  | 211.2  | 219.4  | 235.4  | 256.4  | 260.6  | 247.2  | 236.9  | 229.2  | 225.1  | 225.6  |
| 25°   | 190.7  | 196.3  | 203.0  | 215.8  | 233.8  | 235.9  | 223.6  | 216.9  | 210.7  | 206.6  | 205.6  |
| 27.5° | 177.8  | 181.4  | 185.5  | 193.7  | 212.2  | 213.3  | 205.1  | 200.9  | 196.8  | 193.7  | 192.7  |
| 30°   | 166.0  | 167.5  | 169.1  | 177.3  | 191.2  | 192.7  | 188.6  | 186.6  | 185.0  | 183.0  | 183.0  |
| 32.5° | 150.6  | 152.6  | 155.2  | 162.4  | 175.8  | 177.8  | 175.2  | 173.7  | 171.1  | 170.1  | 168.6  |
| 35°   | 132.1  | 137.2  | 142.9  | 151.6  | 166.0  | 167.0  | 163.9  | 159.3  | 153.1  | 151.6  | 150.6  |
| 37.5° | 124.4  | 125.4  | 132.6  | 142.9  | 157.8  | 158.8  | 154.7  | 147.0  | 142.4  | 142.9  | 143.9  |
| 40°   | 119.2  | 120.8  | 124.9  | 135.2  | 150.1  | 151.6  | 148.0  | 142.4  | 137.7  | 138.2  | 139.8  |
| 42.5° | 115.1  | 117.2  | 119.7  | 126.4  | 141.3  | 144.4  | 143.4  | 138.2  | 133.6  | 134.6  | 136.7  |
| 45°   | 113.1  | 114.6  | 114.6  | 119.2  | 133.6  | 138.2  | 138.8  | 134.6  | 131.0  | 132.1  | 134.6  |
| 47.5° | 112.0  | 112.0  | 110.5  | 114.1  | 128.5  | 133.1  | 134.1  | 132.1  | 130.0  | 131.0  | 133.6  |
| 50°   | 110.5  | 108.4  | 106.9  | 110.0  | 124.4  | 128.5  | 129.5  | 128.0  | 129.0  | 131.0  | 132.6  |
| 52.5° | 105.9  | 103.8  | 103.8  | 105.9  | 120.3  | 124.4  | 124.9  | 123.9  | 125.9  | 128.5  | 131.0  |
| 55°   | 100.2  | 100.2  | 100.7  | 102.8  | 118.2  | 121.3  | 120.8  | 119.7  | 121.8  | 124.9  | 127.5  |
| 57.5° | 95.1   | 94.6   | 97.1   | 99.7   | 115.6  | 117.7  | 116.7  | 116.7  | 118.2  | 120.8  | 123.3  |
| 60°   | 92.0   | 89.4   | 91.5   | 95.6   | 113.1  | 115.1  | 113.6  | 113.1  | 115.6  | 117.7  | 119.7  |
| 62.5° | 88.9   | 86.3   | 87.9   | 92.0   | 109.5  | 111.0  | 110.0  | 110.0  | 112.5  | 114.1  | 116.1  |
| 65°   | 84.3   | 83.3   | 84.3   | 88.4   | 106.4  | 106.9  | 106.9  | 107.4  | 109.5  | 110.5  | 112.5  |
| 67.5° | 80.2   | 80.2   | 80.7   | 84.8   | 103.8  | 102.8  | 102.8  | 105.4  | 105.9  | 106.9  | 109.0  |
| 70°   | 75.0   | 76.1   | 76.1   | 81.2   | 101.8  | 98.2   | 98.7   | 100.7  | 101.8  | 102.8  | 103.3  |
| 72.5° | 69.4   | 69.9   | 70.9   | 77.6   | 98.7   | 93.5   | 94.0   | 95.6   | 96.1   | 97.6   | 98.2   |
| 75°   | 63.2   | 63.7   | 65.3   | 74.0   | 96.6   | 88.9   | 87.9   | 88.9   | 89.9   | 91.0   | 90.4   |
| 77.5° | 56.0   | 57.0   | 58.6   | 71.9   | 89.9   | 87.9   | 80.2   | 81.2   | 82.2   | 82.2   | 81.7   |
| 80°   | 47.3   | 48.8   | 51.4   | 68.9   | 76.1   | 84.8   | 71.4   | 71.9   | 72.5   | 72.5   | 71.4   |
| 82.5° | 35.5   | 38.5   | 42.1   | 57.0   | 59.6   | 72.5   | 61.7   | 62.7   | 61.2   | 60.1   | 59.6   |
| 85°   | 23.1   | 25.7   | 30.8   | 39.6   | 43.7   | 57.0   | 50.9   | 51.4   | 48.3   | 47.8   | 47.8   |
| 87.5° | 9.3    | 9.8    | 13.9   | 20.0   | 26.2   | 35.5   | 36.5   | 37.5   | 34.9   | 34.9   | 36.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





REPORT NUMBER: P195266

CATALOG NUMBER: NVN-AF-02-LED-U-SLR-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 |
| 2.5°  | 2202.1 | 2253.5 | 2312.6 | 2372.8 | 2422.1 | 2485.8 | 2547.5 | 2613.3 | 2646.7 | 2666.2 | 2721.2 |
| 5°    | 1785.3 | 1855.8 | 1939.5 | 2033.6 | 2111.7 | 2245.3 | 2389.2 | 2549.5 | 2626.6 | 2702.7 | 2846.6 |
| 7.5°  | 1277.1 | 1346.0 | 1443.6 | 1565.4 | 1676.4 | 1852.7 | 2042.3 | 2259.2 | 2366.1 | 2489.4 | 2725.3 |
| 10°   | 948.2  | 1021.2 | 1109.5 | 1212.8 | 1322.3 | 1505.8 | 1718.5 | 1962.1 | 2079.8 | 2219.1 | 2487.4 |
| 12.5° | 768.8  | 854.1  | 945.6  | 1038.1 | 1132.2 | 1255.5 | 1478.5 | 1749.4 | 1875.8 | 2016.1 | 2284.9 |
| 15°   | 599.7  | 691.2  | 789.9  | 890.6  | 984.2  | 1121.9 | 1349.5 | 1669.7 | 1814.1 | 1949.8 | 2169.8 |
| 17.5° | 424.5  | 510.8  | 621.8  | 744.2  | 879.8  | 1042.7 | 1321.8 | 1704.7 | 1879.9 | 2021.8 | 2169.2 |
| 20°   | 289.3  | 349.0  | 460.0  | 604.9  | 772.4  | 979.0  | 1332.1 | 1827.5 | 2046.4 | 2202.1 | 2258.2 |
| 22.5° | 231.3  | 259.5  | 334.6  | 482.1  | 679.9  | 932.8  | 1374.2 | 1996.1 | 2285.4 | 2475.0 | 2420.0 |
| 25°   | 210.2  | 226.1  | 265.2  | 380.8  | 597.7  | 901.9  | 1456.4 | 2218.6 | 2553.1 | 2745.3 | 2614.8 |
| 27.5° | 197.3  | 211.2  | 236.4  | 313.0  | 526.8  | 881.9  | 1560.8 | 2480.7 | 2854.8 | 3012.6 | 2817.8 |
| 30°   | 189.1  | 203.0  | 226.1  | 281.1  | 473.3  | 852.1  | 1652.2 | 2720.2 | 3095.8 | 3198.1 | 2927.3 |
| 32.5° | 173.2  | 184.0  | 203.0  | 251.8  | 433.2  | 817.1  | 1731.4 | 2934.5 | 3323.5 | 3357.4 | 3058.8 |
| 35°   | 156.7  | 168.1  | 187.1  | 228.2  | 409.6  | 789.9  | 1773.0 | 3124.6 | 3549.1 | 3516.7 | 3189.4 |
| 37.5° | 150.6  | 159.8  | 177.3  | 211.2  | 396.7  | 771.9  | 1788.9 | 3311.7 | 3791.2 | 3693.0 | 3280.3 |
| 40°   | 146.5  | 154.7  | 170.1  | 199.9  | 393.1  | 754.9  | 1785.3 | 3489.5 | 4026.0 | 3875.5 | 3351.8 |
| 42.5° | 143.4  | 150.6  | 165.0  | 192.2  | 383.4  | 739.0  | 1773.5 | 3643.2 | 4214.1 | 4032.7 | 3420.1 |
| 45°   | 140.8  | 148.5  | 162.9  | 196.3  | 365.4  | 721.5  | 1766.3 | 3783.5 | 4358.5 | 4165.3 | 3511.6 |
| 47.5° | 139.8  | 148.5  | 163.4  | 195.3  | 345.9  | 702.0  | 1792.0 | 3939.2 | 4484.4 | 4276.8 | 3633.4 |
| 50°   | 138.2  | 148.0  | 174.7  | 186.0  | 319.1  | 677.9  | 1878.9 | 4124.7 | 4616.5 | 4402.2 | 3791.2 |
| 52.5° | 135.7  | 147.5  | 186.6  | 178.8  | 284.7  | 644.5  | 2019.7 | 4386.8 | 4844.7 | 4646.3 | 4024.5 |
| 55°   | 132.6  | 148.5  | 178.3  | 167.5  | 248.2  | 601.3  | 2160.5 | 4746.0 | 5214.7 | 5040.0 | 4359.6 |
| 57.5° | 129.0  | 147.0  | 168.6  | 157.3  | 217.9  | 546.8  | 2267.4 | 5040.5 | 5520.0 | 5446.0 | 4771.2 |
| 60°   | 126.4  | 150.6  | 151.6  | 151.1  | 198.4  | 494.9  | 2277.7 | 5021.5 | 5607.9 | 5709.6 | 5174.1 |
| 62.5° | 123.3  | 153.7  | 138.2  | 146.5  | 188.6  | 446.6  | 2150.7 | 4710.6 | 5459.3 | 5675.7 | 5502.5 |
| 65°   | 119.2  | 134.1  | 131.0  | 142.4  | 188.6  | 420.9  | 1855.2 | 4193.1 | 5048.7 | 5355.0 | 5680.8 |
| 67.5° | 115.1  | 121.8  | 125.9  | 136.7  | 192.7  | 396.7  | 1490.9 | 3536.8 | 4401.2 | 4837.5 | 5480.4 |
| 70°   | 109.5  | 115.1  | 120.3  | 131.6  | 190.7  | 379.8  | 1173.3 | 2834.8 | 3622.1 | 4121.6 | 4925.9 |
| 72.5° | 104.3  | 108.4  | 113.6  | 123.9  | 190.7  | 372.1  | 942.5  | 2223.7 | 2765.4 | 3186.3 | 4080.5 |
| 75°   | 96.6   | 100.2  | 104.8  | 116.1  | 187.1  | 340.2  | 707.7  | 1781.8 | 2023.3 | 2286.9 | 3219.7 |
| 77.5° | 88.9   | 91.5   | 95.1   | 106.4  | 168.6  | 284.2  | 500.6  | 1379.9 | 1499.1 | 1645.1 | 2510.0 |
| 80°   | 79.1   | 81.2   | 83.8   | 95.1   | 139.8  | 220.5  | 325.8  | 1079.2 | 1120.9 | 1191.3 | 1651.2 |
| 82.5° | 67.8   | 70.9   | 71.4   | 81.7   | 112.5  | 159.8  | 193.7  | 739.5  | 739.0  | 842.3  | 1165.1 |
| 85°   | 55.5   | 57.0   | 58.1   | 64.2   | 83.3   | 106.4  | 127.5  | 403.9  | 360.3  | 504.7  | 1011.9 |
| 87.5° | 41.6   | 40.1   | 41.6   | 43.2   | 55.0   | 62.7   | 68.4   | 74.5   | 44.7   | 91.5   | 588.4  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P195266

CATALOG NUMBER: NVN-AF-02-LED-U-SLR-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 | 2416.4 |
| 2.5°  | 2750.5 | 2780.8 | 2762.8 | 2741.2 | 2687.3 | 2608.1 | 2547.5 | 2494.6 |
| 5°    | 2946.3 | 3002.3 | 2977.6 | 2897.5 | 2757.7 | 2598.9 | 2431.9 | 2330.1 |
| 7.5°  | 2921.6 | 3032.6 | 3022.9 | 2889.2 | 2688.8 | 2455.0 | 2220.1 | 2086.0 |
| 10°   | 2724.3 | 2880.0 | 2906.7 | 2770.0 | 2557.8 | 2296.2 | 2024.3 | 1872.7 |
| 12.5° | 2509.5 | 2640.5 | 2695.0 | 2643.1 | 2443.2 | 2177.5 | 1900.5 | 1748.9 |
| 15°   | 2329.6 | 2395.9 | 2449.8 | 2483.2 | 2359.4 | 2135.3 | 1878.9 | 1722.7 |
| 17.5° | 2196.5 | 2183.6 | 2228.9 | 2309.0 | 2314.2 | 2191.3 | 1976.5 | 1801.8 |
| 20°   | 2132.2 | 2031.5 | 2057.7 | 2170.3 | 2301.8 | 2333.7 | 2171.3 | 1964.7 |
| 22.5° | 2128.6 | 1971.4 | 1976.5 | 2097.8 | 2337.3 | 2528.0 | 2414.4 | 2179.0 |
| 25°   | 2184.1 | 1964.7 | 1969.3 | 2090.1 | 2400.0 | 2723.8 | 2695.5 | 2421.1 |
| 27.5° | 2278.7 | 1993.5 | 1990.4 | 2124.0 | 2483.8 | 2887.2 | 2979.2 | 2717.1 |
| 30°   | 2381.0 | 2035.1 | 2027.4 | 2178.5 | 2566.0 | 2987.9 | 3180.6 | 2940.1 |
| 32.5° | 2508.4 | 2109.1 | 2082.4 | 2258.2 | 2647.2 | 3084.5 | 3352.8 | 3148.8 |
| 35°   | 2629.7 | 2217.6 | 2179.0 | 2372.2 | 2734.0 | 3191.9 | 3545.5 | 3379.5 |
| 37.5° | 2753.6 | 2379.4 | 2357.9 | 2536.7 | 2856.9 | 3308.6 | 3766.0 | 3641.1 |
| 40°   | 2912.4 | 2609.7 | 2599.4 | 2775.7 | 3020.8 | 3436.1 | 4013.2 | 3913.5 |
| 42.5° | 3083.5 | 2854.3 | 2845.6 | 3050.1 | 3224.3 | 3564.0 | 4224.9 | 4147.3 |
| 45°   | 3257.7 | 3150.8 | 3152.9 | 3343.0 | 3438.6 | 3684.8 | 4391.4 | 4334.4 |
| 47.5° | 3463.3 | 3475.1 | 3548.6 | 3646.8 | 3647.3 | 3819.4 | 4538.9 | 4508.6 |
| 50°   | 3724.4 | 3866.7 | 4002.4 | 4017.8 | 3858.0 | 3997.3 | 4719.3 | 4708.0 |
| 52.5° | 4019.9 | 4318.4 | 4476.2 | 4427.4 | 4063.5 | 4217.7 | 4986.0 | 4985.5 |
| 55°   | 4370.9 | 4790.7 | 4939.3 | 4856.0 | 4309.7 | 4505.0 | 5334.5 | 5311.9 |
| 57.5° | 4734.7 | 5245.0 | 5364.8 | 5256.3 | 4617.5 | 4839.6 | 5683.9 | 5564.2 |
| 60°   | 5127.9 | 5636.1 | 5757.9 | 5595.0 | 4962.9 | 5173.1 | 5915.2 | 5635.1 |
| 62.5° | 5385.3 | 5864.8 | 5952.2 | 5796.0 | 5272.3 | 5512.8 | 5989.7 | 5550.3 |
| 65°   | 5398.7 | 5712.7 | 5735.8 | 5680.3 | 5403.8 | 5807.8 | 5881.8 | 5299.0 |
| 67.5° | 5031.8 | 5050.3 | 5080.6 | 5140.2 | 5122.7 | 5676.2 | 5465.5 | 4712.1 |
| 70°   | 4247.0 | 4000.3 | 4100.0 | 4157.6 | 4287.1 | 5048.7 | 4696.2 | 3832.3 |
| 72.5° | 3247.4 | 2887.2 | 3000.3 | 2980.7 | 3250.0 | 4141.1 | 3592.8 | 2951.9 |
| 75°   | 2337.3 | 1968.8 | 1977.6 | 1978.6 | 2335.2 | 3305.5 | 2449.8 | 2096.3 |
| 77.5° | 1588.5 | 1393.2 | 1422.0 | 1404.0 | 1562.8 | 2589.6 | 1763.8 | 1510.9 |
| 80°   | 1086.4 | 1081.3 | 1087.4 | 1045.3 | 1042.2 | 1673.8 | 1305.9 | 1205.1 |
| 82.5° | 805.8  | 744.7  | 735.9  | 691.2  | 798.6  | 1279.7 | 991.3  | 866.0  |
| 85°   | 635.7  | 412.2  | 358.2  | 432.2  | 691.7  | 1177.4 | 604.4  | 444.0  |
| 87.5° | 269.3  | 161.9  | 98.2   | 194.3  | 384.4  | 862.9  | 167.5  | 86.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)