

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: P195243

Luminaire Tested: **NVN-AF-03-LED-U-SLL-7060-600**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P195243  
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-03-LED-U-SLL-7060-600  
Description: NAVION ROADWAY AND AREA LUMINAIRE  
(3) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10541 lumens  
Efficiency: N/A  
Efficacy: 109.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G3

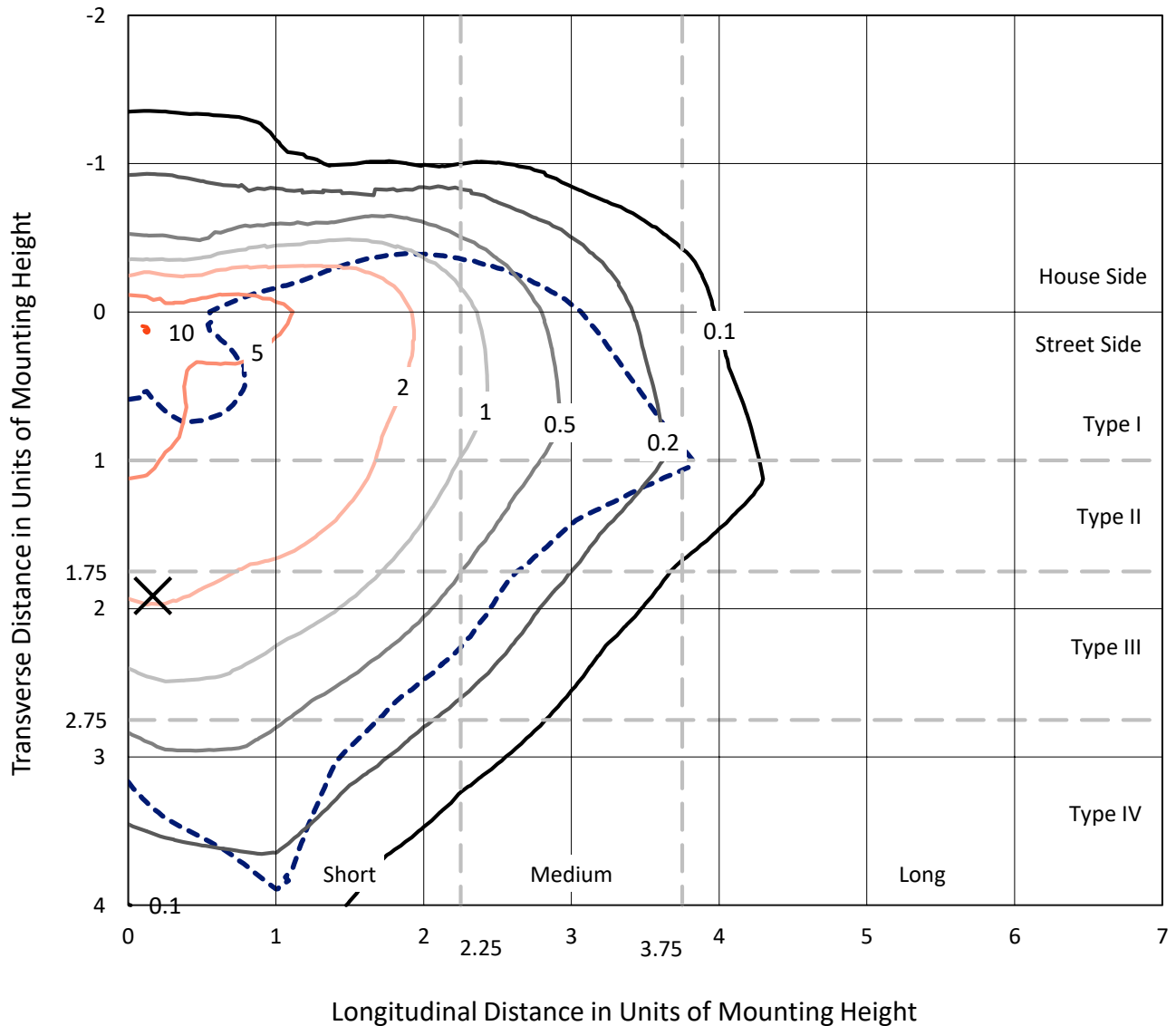
Input Watts (W): 96  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

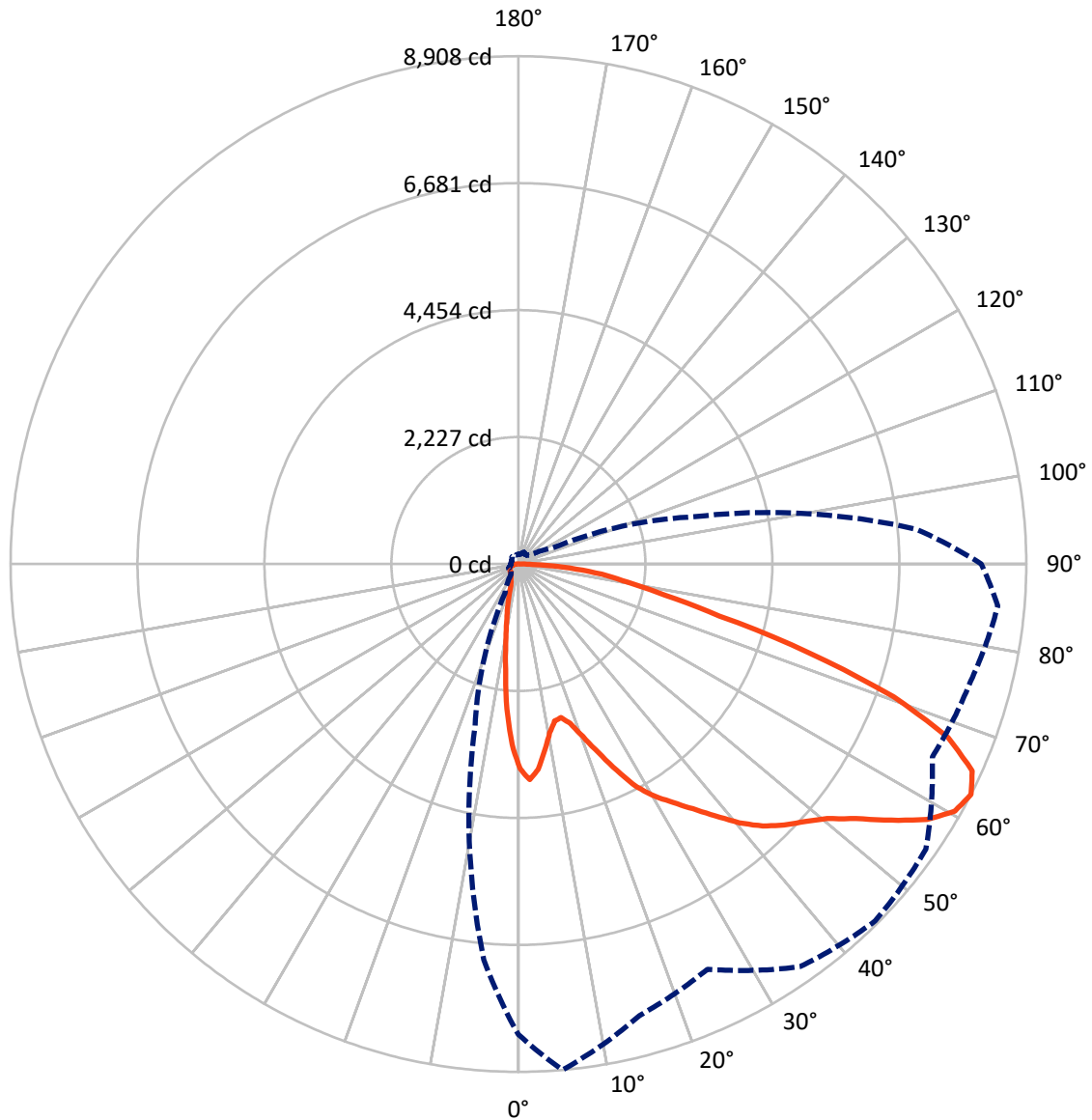
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10.3 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral      - - - Horizontal Cone Through 62.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1867.4   | 0.0    | 1867.4  |
|                    | % Fixture | 17.7     | 0.0    | 17.7    |
| <b>Street Side</b> | Lumens    | 8673.7   | 0.0    | 8673.7  |
|                    | % Fixture | 82.3     | 0.0    | 82.3    |
| <b>Total</b>       | Lumens    | 10541.0  | 0.0    | 10541.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 261.3   | 2.5       |
| 10°-20°   | 477.3   | 4.5       |
| 20°-30°   | 686.6   | 6.5       |
| 30°-40°   | 1051.5  | 10.0      |
| 40°-50°   | 1537.4  | 14.6      |
| 50°-60°   | 2236.9  | 21.2      |
| 60°-70°   | 2591.7  | 24.6      |
| 70°-80°   | 1351.0  | 12.8      |
| 80°-90°   | 347.3   | 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°    | 10541.0 | 100.0     |
| 0°-180°   | 10541.0 | 100.0     |

**Coefficient of Utilization**



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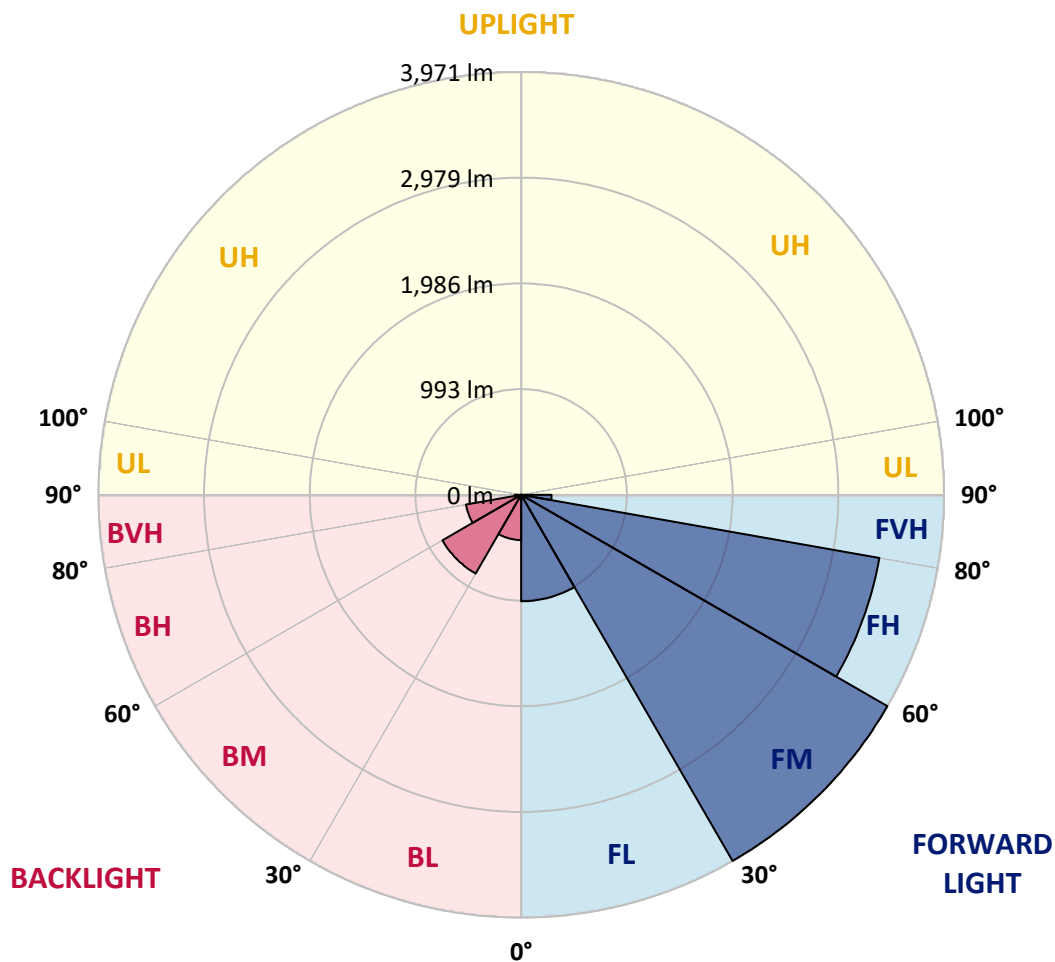
CATALOG NUMBER: NVN-AF-03-LED-U-SLL-7060-600

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1000.4 | 9.5       |                         |      |         |
| FM   | (30°-60°)   | 3971.4 | 37.7      |                         |      |         |
| FH   | (60°-80°)   | 3416.2 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 285.7  | 2.7       |                         |      | G3/500  |
| BL   | (0°-30°)    | 424.9  | 4.0       | B1/500                  |      |         |
| BM   | (30°-60°)   | 854.4  | 8.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 526.5  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 61.6   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short





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CATALOG NUMBER: NVN-AF-03-LED-U-SLL-7060-600

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 |
| 2.5°  | 3709.8 | 3788.5 | 3878.7 | 3996.4 | 4076.7 | 4108.8 | 4135.5 | 4090.4 | 4046.9 | 3965.1 | 3936.0 |
| 5°    | 3465.2 | 3616.6 | 3865.0 | 4101.1 | 4309.0 | 4428.2 | 4464.9 | 4381.6 | 4233.3 | 4019.3 | 3906.2 |
| 7.5°  | 3102.2 | 3301.7 | 3651.0 | 3998.7 | 4296.8 | 4495.5 | 4510.0 | 4344.9 | 4053.0 | 3702.2 | 3518.7 |
| 10°   | 2785.0 | 3010.5 | 3414.8 | 3803.8 | 4119.5 | 4322.8 | 4283.0 | 4051.4 | 3699.1 | 3300.2 | 3093.0 |
| 12.5° | 2600.8 | 2826.3 | 3238.2 | 3633.4 | 3930.7 | 4007.9 | 3926.9 | 3732.0 | 3398.0 | 2998.3 | 2789.6 |
| 15°   | 2561.9 | 2794.2 | 3175.6 | 3508.8 | 3693.0 | 3643.3 | 3563.1 | 3464.5 | 3226.8 | 2899.7 | 2697.9 |
| 17.5° | 2679.6 | 2939.4 | 3258.9 | 3441.5 | 3433.9 | 3314.7 | 3247.4 | 3266.5 | 3226.0 | 3006.7 | 2795.7 |
| 20°   | 2921.8 | 3229.1 | 3470.6 | 3423.2 | 3227.5 | 3060.2 | 3021.2 | 3171.0 | 3358.2 | 3274.9 | 3043.4 |
| 22.5° | 3240.5 | 3590.6 | 3759.5 | 3475.9 | 3119.8 | 2939.4 | 2931.8 | 3165.6 | 3599.0 | 3680.8 | 3398.7 |
| 25°   | 3600.5 | 4008.6 | 4050.7 | 3569.2 | 3108.3 | 2928.7 | 2921.8 | 3248.2 | 3888.6 | 4082.8 | 3796.9 |
| 27.5° | 4040.7 | 4430.5 | 4293.7 | 3693.8 | 3158.8 | 2960.1 | 2964.6 | 3388.8 | 4190.5 | 4480.2 | 4245.6 |
| 30°   | 4372.4 | 4730.1 | 4443.5 | 3816.0 | 3239.8 | 3015.1 | 3026.5 | 3540.9 | 4353.3 | 4756.1 | 4604.0 |
| 32.5° | 4682.7 | 4986.2 | 4587.2 | 3936.8 | 3358.2 | 3096.9 | 3136.6 | 3730.4 | 4549.0 | 4993.0 | 4942.6 |
| 35°   | 5025.9 | 5272.8 | 4746.9 | 4066.0 | 3527.9 | 3240.5 | 3297.9 | 3910.8 | 4743.1 | 5230.0 | 5278.1 |
| 37.5° | 5414.9 | 5600.6 | 4920.4 | 4248.6 | 3772.5 | 3506.5 | 3538.6 | 4095.0 | 4878.4 | 5492.1 | 5638.1 |
| 40°   | 5820.0 | 5968.2 | 5110.0 | 4492.4 | 4127.9 | 3865.7 | 3881.0 | 4331.2 | 4984.6 | 5763.4 | 5987.4 |
| 42.5° | 6167.7 | 6283.1 | 5300.3 | 4795.1 | 4536.0 | 4231.8 | 4244.8 | 4585.7 | 5086.3 | 5997.3 | 6267.1 |
| 45°   | 6445.9 | 6530.8 | 5479.9 | 5113.8 | 4971.6 | 4688.8 | 4685.8 | 4844.8 | 5222.3 | 6194.5 | 6481.8 |
| 47.5° | 6705.0 | 6750.1 | 5680.1 | 5424.1 | 5423.3 | 5277.3 | 5168.1 | 5150.5 | 5403.4 | 6360.3 | 6669.1 |
| 50°   | 7001.6 | 7018.4 | 5944.6 | 5737.4 | 5975.1 | 5952.2 | 5750.4 | 5538.7 | 5638.1 | 6546.8 | 6865.5 |
| 52.5° | 7414.3 | 7415.0 | 6272.4 | 6043.1 | 6584.3 | 6656.9 | 6422.2 | 5978.2 | 5985.1 | 6909.8 | 7204.9 |
| 55°   | 7899.6 | 7933.2 | 6699.7 | 6409.2 | 7221.7 | 7345.5 | 7124.6 | 6500.2 | 6483.4 | 7495.3 | 7755.1 |
| 57.5° | 8274.8 | 8452.9 | 7197.2 | 6867.0 | 7817.0 | 7978.3 | 7800.2 | 7041.3 | 7095.6 | 8099.1 | 8209.1 |
| 60°   | 8380.3 | 8796.8 | 7693.2 | 7380.6 | 8320.7 | 8563.0 | 8381.8 | 7626.0 | 7694.8 | 8491.1 | 8339.8 |
| 62.5° | 8254.2 | 8907.7 | 8198.4 | 7840.7 | 8619.5 | 8851.9 | 8721.9 | 8008.9 | 8183.1 | 8440.7 | 8118.9 |
| 65°   | 7880.5 | 8747.2 | 8637.1 | 8036.4 | 8447.6 | 8530.1 | 8495.7 | 8028.7 | 8448.3 | 7963.8 | 7508.3 |
| 67.5° | 7007.7 | 8128.1 | 8441.5 | 7618.3 | 7644.3 | 7555.7 | 7510.6 | 7483.0 | 8150.3 | 7194.2 | 6545.3 |
| 70°   | 5699.2 | 6984.0 | 7508.3 | 6375.6 | 6183.0 | 6097.4 | 5949.1 | 6316.0 | 7325.6 | 6129.5 | 5386.6 |
| 72.5° | 4390.0 | 5343.1 | 6158.6 | 4833.3 | 4432.8 | 4461.9 | 4293.7 | 4829.5 | 6068.4 | 4738.5 | 4112.6 |
| 75°   | 3117.5 | 3643.3 | 4915.8 | 3472.9 | 2942.5 | 2940.9 | 2928.0 | 3475.9 | 4788.2 | 3401.0 | 3009.0 |
| 77.5° | 2247.0 | 2623.0 | 3851.2 | 2324.2 | 2088.0 | 2114.8 | 2072.0 | 2362.4 | 3732.7 | 2446.5 | 2229.4 |
| 80°   | 1792.2 | 1942.0 | 2489.3 | 1550.0 | 1554.5 | 1617.2 | 1608.0 | 1615.7 | 2455.6 | 1771.6 | 1666.9 |
| 82.5° | 1287.8 | 1474.3 | 1903.1 | 1187.7 | 1028.0 | 1094.4 | 1107.4 | 1198.4 | 1732.6 | 1252.7 | 1099.0 |
| 85°   | 660.3  | 898.8  | 1751.0 | 1028.7 | 642.8  | 532.7  | 613.0  | 945.4  | 1504.9 | 750.5  | 535.8  |
| 87.5° | 128.4  | 249.2  | 1283.2 | 571.7  | 288.9  | 146.0  | 240.7  | 400.5  | 875.1  | 136.0  | 66.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 |
| 2.5°  | 3886.4 | 3788.5 | 3696.8 | 3602.0 | 3528.7 | 3439.3 | 3351.4 | 3274.9 | 3200.8 | 3151.9 | 3167.2 |
| 5°    | 3791.6 | 3553.1 | 3339.1 | 3140.4 | 3024.2 | 2884.4 | 2759.8 | 2655.1 | 2574.1 | 2522.1 | 2553.5 |
| 7.5°  | 3359.8 | 3037.2 | 2755.2 | 2493.1 | 2328.0 | 2146.9 | 2001.6 | 1899.2 | 1836.6 | 1801.4 | 1852.6 |
| 10°   | 2918.0 | 2555.7 | 2239.3 | 1966.5 | 1803.7 | 1650.1 | 1518.6 | 1410.1 | 1326.0 | 1286.3 | 1306.9 |
| 12.5° | 2601.6 | 2198.8 | 1867.1 | 1683.7 | 1543.8 | 1406.3 | 1270.2 | 1143.4 | 1036.4 | 987.4  | 977.5  |
| 15°   | 2483.1 | 2007.0 | 1668.4 | 1463.6 | 1324.5 | 1174.7 | 1028.0 | 891.9  | 790.3  | 748.2  | 739.1  |
| 17.5° | 2535.1 | 1965.7 | 1550.7 | 1308.4 | 1106.7 | 924.8  | 759.7  | 631.3  | 556.4  | 532.7  | 535.0  |
| 20°   | 2717.8 | 1981.0 | 1456.0 | 1148.7 | 899.6  | 684.0  | 518.9  | 430.3  | 398.2  | 392.8  | 399.0  |
| 22.5° | 2968.5 | 2043.7 | 1387.2 | 1011.1 | 716.9  | 497.5  | 386.0  | 343.9  | 335.5  | 334.8  | 340.9  |
| 25°   | 3299.4 | 2166.0 | 1341.3 | 888.9  | 566.3  | 394.4  | 336.3  | 312.6  | 305.7  | 307.2  | 313.4  |
| 27.5° | 3689.2 | 2321.1 | 1311.5 | 783.4  | 465.4  | 351.6  | 314.1  | 293.5  | 286.6  | 288.1  | 292.7  |
| 30°   | 4045.3 | 2457.2 | 1267.2 | 703.9  | 418.1  | 336.3  | 301.9  | 281.3  | 272.1  | 272.1  | 275.1  |
| 32.5° | 4364.0 | 2574.9 | 1215.2 | 644.3  | 374.5  | 301.9  | 273.6  | 257.6  | 250.7  | 253.0  | 254.5  |
| 35°   | 4646.8 | 2636.8 | 1174.7 | 609.1  | 339.3  | 278.2  | 249.9  | 233.1  | 223.9  | 225.5  | 227.8  |
| 37.5° | 4925.0 | 2660.5 | 1147.9 | 590.0  | 314.1  | 263.7  | 237.7  | 223.9  | 214.0  | 212.5  | 211.7  |
| 40°   | 5189.5 | 2655.1 | 1122.7 | 584.7  | 297.3  | 253.0  | 230.0  | 217.8  | 207.9  | 205.6  | 204.8  |
| 42.5° | 5418.0 | 2637.5 | 1099.0 | 570.2  | 285.8  | 245.3  | 223.9  | 213.2  | 203.3  | 200.2  | 198.7  |
| 45°   | 5626.6 | 2626.8 | 1073.0 | 543.4  | 292.0  | 242.3  | 220.9  | 209.4  | 200.2  | 196.4  | 194.9  |
| 47.5° | 5858.2 | 2665.0 | 1044.0 | 514.4  | 290.4  | 243.0  | 220.9  | 207.9  | 198.7  | 194.9  | 193.4  |
| 50°   | 6134.1 | 2794.2 | 1008.1 | 474.6  | 276.7  | 259.9  | 220.1  | 205.6  | 197.2  | 194.9  | 191.8  |
| 52.5° | 6523.9 | 3003.6 | 958.4  | 423.4  | 266.0  | 277.4  | 219.3  | 201.8  | 194.9  | 191.1  | 187.2  |
| 55°   | 7058.1 | 3213.0 | 894.2  | 369.1  | 249.2  | 265.2  | 220.9  | 197.2  | 189.5  | 185.7  | 181.1  |
| 57.5° | 7496.0 | 3372.0 | 813.2  | 324.1  | 233.9  | 250.7  | 218.6  | 191.8  | 183.4  | 179.6  | 175.8  |
| 60°   | 7467.8 | 3387.3 | 736.0  | 295.0  | 224.7  | 225.5  | 223.9  | 188.0  | 178.1  | 175.0  | 172.0  |
| 62.5° | 7005.4 | 3198.5 | 664.2  | 280.5  | 217.8  | 205.6  | 228.5  | 183.4  | 172.7  | 169.7  | 167.4  |
| 65°   | 6235.7 | 2759.0 | 625.9  | 280.5  | 211.7  | 194.9  | 199.5  | 177.3  | 167.4  | 164.3  | 162.8  |
| 67.5° | 5259.8 | 2217.2 | 590.0  | 286.6  | 203.3  | 187.2  | 181.1  | 171.2  | 162.0  | 159.0  | 157.4  |
| 70°   | 4215.8 | 1744.8 | 564.8  | 283.5  | 195.7  | 178.8  | 171.2  | 162.8  | 153.6  | 152.9  | 151.3  |
| 72.5° | 3307.0 | 1401.7 | 553.3  | 283.5  | 184.2  | 168.9  | 161.3  | 155.1  | 146.0  | 145.2  | 142.9  |
| 75°   | 2649.8 | 1052.4 | 506.0  | 278.2  | 172.7  | 155.9  | 149.0  | 143.7  | 134.5  | 135.3  | 133.7  |
| 77.5° | 2052.1 | 744.4  | 422.6  | 250.7  | 158.2  | 141.4  | 136.0  | 132.2  | 121.5  | 122.3  | 122.3  |
| 80°   | 1605.0 | 484.6  | 327.9  | 207.9  | 141.4  | 124.6  | 120.8  | 117.7  | 106.2  | 107.8  | 107.8  |
| 82.5° | 1099.8 | 288.1  | 237.7  | 167.4  | 121.5  | 106.2  | 105.5  | 100.9  | 88.7   | 89.4   | 90.9   |
| 85°   | 600.7  | 189.5  | 158.2  | 123.8  | 95.5   | 86.4   | 84.8   | 82.5   | 71.1   | 71.1   | 71.8   |
| 87.5° | 110.8  | 101.6  | 93.2   | 81.8   | 64.2   | 61.9   | 59.6   | 61.9   | 53.5   | 52.0   | 52.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 |
| 2.5°  | 3131.2 | 3078.5 | 3041.8 | 3009.7 | 2932.5 | 2937.9 | 2948.6 | 2963.9 | 2915.7 | 2940.9 | 2972.3 |
| 5°    | 2522.1 | 2478.6 | 2445.7 | 2394.5 | 2286.7 | 2248.5 | 2224.1 | 2213.4 | 2141.5 | 2156.8 | 2190.4 |
| 7.5°  | 1859.5 | 1858.7 | 1847.3 | 1789.9 | 1660.0 | 1581.3 | 1529.3 | 1513.3 | 1468.9 | 1485.8 | 1537.0 |
| 10°   | 1309.2 | 1323.0 | 1317.6 | 1266.4 | 1150.2 | 1093.7 | 1082.2 | 1114.3 | 1115.1 | 1147.9 | 1235.8 |
| 12.5° | 946.2  | 938.5  | 931.7  | 889.6  | 802.5  | 793.3  | 819.3  | 863.6  | 874.3  | 909.5  | 1001.2 |
| 15°   | 706.2  | 687.9  | 684.0  | 651.2  | 593.8  | 602.3  | 621.4  | 644.3  | 645.1  | 669.5  | 745.2  |
| 17.5° | 529.6  | 529.6  | 535.8  | 514.4  | 473.1  | 469.3  | 459.3  | 453.2  | 444.0  | 454.0  | 495.3  |
| 20°   | 411.2  | 430.3  | 445.6  | 433.3  | 395.9  | 377.6  | 358.4  | 346.2  | 339.3  | 340.1  | 352.3  |
| 22.5° | 352.3  | 367.6  | 387.5  | 381.4  | 350.0  | 326.3  | 314.1  | 305.7  | 300.4  | 300.4  | 307.2  |
| 25°   | 322.5  | 332.5  | 350.8  | 347.7  | 321.0  | 301.9  | 292.0  | 283.5  | 277.4  | 276.7  | 283.5  |
| 27.5° | 298.8  | 304.9  | 317.2  | 315.6  | 288.1  | 275.9  | 269.8  | 264.4  | 260.6  | 259.9  | 266.7  |
| 30°   | 277.4  | 280.5  | 286.6  | 284.3  | 263.7  | 251.4  | 249.2  | 246.9  | 244.6  | 245.3  | 255.3  |
| 32.5° | 258.3  | 260.6  | 264.4  | 261.4  | 241.5  | 230.8  | 227.0  | 223.9  | 221.6  | 223.9  | 235.4  |
| 35°   | 236.9  | 243.8  | 248.4  | 246.9  | 225.5  | 212.5  | 204.1  | 196.4  | 193.4  | 195.7  | 208.6  |
| 37.5° | 218.6  | 230.0  | 236.2  | 234.6  | 212.5  | 197.2  | 186.5  | 185.0  | 185.0  | 188.0  | 201.0  |
| 40°   | 211.7  | 220.1  | 225.5  | 223.2  | 201.0  | 185.7  | 179.6  | 177.3  | 178.1  | 181.1  | 194.9  |
| 42.5° | 205.6  | 213.2  | 214.8  | 210.2  | 188.0  | 178.1  | 174.3  | 171.2  | 172.7  | 176.5  | 190.3  |
| 45°   | 200.2  | 206.4  | 205.6  | 198.7  | 177.3  | 170.4  | 170.4  | 168.1  | 168.9  | 172.0  | 186.5  |
| 47.5° | 196.4  | 199.5  | 197.9  | 191.1  | 169.7  | 164.3  | 166.6  | 166.6  | 168.1  | 170.4  | 185.0  |
| 50°   | 190.3  | 192.6  | 191.1  | 185.0  | 163.6  | 159.0  | 161.3  | 164.3  | 165.8  | 168.1  | 181.1  |
| 52.5° | 184.2  | 185.7  | 185.0  | 178.8  | 157.4  | 154.4  | 154.4  | 157.4  | 160.5  | 163.6  | 175.0  |
| 55°   | 178.1  | 179.6  | 180.4  | 175.8  | 152.9  | 149.8  | 149.0  | 149.0  | 152.1  | 156.7  | 168.9  |
| 57.5° | 173.5  | 173.5  | 175.0  | 172.0  | 148.3  | 144.4  | 140.6  | 141.4  | 145.2  | 149.0  | 161.3  |
| 60°   | 168.1  | 168.9  | 171.2  | 168.1  | 142.2  | 136.0  | 133.0  | 136.8  | 138.3  | 142.2  | 155.1  |
| 62.5° | 163.6  | 163.6  | 165.1  | 162.8  | 136.8  | 130.7  | 128.4  | 132.2  | 132.2  | 136.0  | 149.0  |
| 65°   | 159.7  | 159.0  | 159.0  | 158.2  | 131.5  | 125.3  | 123.8  | 125.3  | 126.1  | 129.9  | 142.9  |
| 67.5° | 156.7  | 152.9  | 152.9  | 154.4  | 126.1  | 120.0  | 119.2  | 119.2  | 120.0  | 124.6  | 136.0  |
| 70°   | 149.8  | 146.7  | 146.0  | 151.3  | 120.8  | 113.1  | 113.1  | 111.6  | 113.1  | 115.4  | 127.6  |
| 72.5° | 142.2  | 139.9  | 139.1  | 146.7  | 115.4  | 105.5  | 103.9  | 103.2  | 103.9  | 106.2  | 117.7  |
| 75°   | 132.2  | 130.7  | 132.2  | 143.7  | 110.1  | 97.1   | 94.8   | 94.0   | 94.0   | 94.8   | 107.0  |
| 77.5° | 120.8  | 119.2  | 130.7  | 133.7  | 107.0  | 87.1   | 84.8   | 83.3   | 81.8   | 81.8   | 95.5   |
| 80°   | 107.0  | 106.2  | 126.1  | 113.1  | 102.4  | 76.4   | 72.6   | 70.3   | 68.8   | 68.0   | 81.8   |
| 82.5° | 93.2   | 91.7   | 107.8  | 88.7   | 84.8   | 62.7   | 57.3   | 52.7   | 50.4   | 50.4   | 62.7   |
| 85°   | 76.4   | 75.7   | 84.8   | 65.0   | 58.8   | 45.9   | 38.2   | 34.4   | 31.3   | 31.3   | 40.5   |
| 87.5° | 55.8   | 54.3   | 52.7   | 39.0   | 29.8   | 20.6   | 14.5   | 13.8   | 12.2   | 11.5   | 16.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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CATALOG NUMBER: NVN-AF-03-LED-U-SLL-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 | 3593.6 |
| 2.5°  | 3018.9 | 3082.3 | 3202.3 | 3300.9 | 3432.4 | 3537.8 | 3657.8 | 3709.8 |
| 5°    | 2252.3 | 2352.4 | 2535.9 | 2692.6 | 2909.6 | 3110.6 | 3339.9 | 3465.2 |
| 7.5°  | 1615.7 | 1764.0 | 1903.1 | 2098.7 | 2370.0 | 2639.8 | 2936.4 | 3102.2 |
| 10°   | 1336.7 | 1472.8 | 1592.0 | 1731.1 | 1940.5 | 2243.9 | 2597.8 | 2785.0 |
| 12.5° | 1107.4 | 1254.2 | 1380.3 | 1529.3 | 1705.1 | 1979.5 | 2383.0 | 2600.8 |
| 15°   | 849.1  | 1008.8 | 1160.2 | 1339.8 | 1555.3 | 1868.7 | 2318.8 | 2561.9 |
| 17.5° | 581.6  | 752.8  | 939.3  | 1158.6 | 1418.5 | 1822.0 | 2380.0 | 2679.6 |
| 20°   | 395.1  | 520.5  | 723.0  | 982.9  | 1295.5 | 1799.9 | 2514.5 | 2921.8 |
| 22.5° | 324.8  | 381.4  | 533.5  | 817.8  | 1194.6 | 1824.3 | 2733.1 | 3240.5 |
| 25°   | 298.1  | 328.6  | 415.0  | 672.6  | 1117.4 | 1889.3 | 3028.8 | 3600.5 |
| 27.5° | 281.3  | 307.2  | 363.8  | 568.6  | 1046.3 | 1978.0 | 3388.8 | 4040.7 |
| 30°   | 271.3  | 295.8  | 343.2  | 515.1  | 981.3  | 2054.4 | 3698.3 | 4372.4 |
| 32.5° | 249.2  | 267.5  | 306.5  | 484.6  | 934.7  | 2116.3 | 3971.2 | 4682.7 |
| 35°   | 222.4  | 244.6  | 276.7  | 464.7  | 933.2  | 2145.3 | 4228.0 | 5025.9 |
| 37.5° | 212.5  | 233.9  | 257.6  | 454.0  | 942.4  | 2169.8 | 4542.1 | 5414.9 |
| 40°   | 206.4  | 225.5  | 244.6  | 452.5  | 950.0  | 2188.9 | 4849.3 | 5820.0 |
| 42.5° | 201.0  | 220.1  | 242.3  | 441.8  | 946.9  | 2214.9 | 5121.4 | 6167.7 |
| 45°   | 199.5  | 218.6  | 247.6  | 425.7  | 946.2  | 2255.4 | 5337.7 | 6445.9 |
| 47.5° | 197.9  | 227.0  | 246.1  | 408.1  | 943.1  | 2341.0 | 5581.5 | 6705.0 |
| 50°   | 196.4  | 242.3  | 235.4  | 383.7  | 920.2  | 2487.0 | 5909.4 | 7001.6 |
| 52.5° | 195.7  | 244.6  | 223.9  | 350.0  | 878.9  | 2703.3 | 6389.4 | 7414.3 |
| 55°   | 192.6  | 232.3  | 204.1  | 305.7  | 819.3  | 2936.4 | 6903.7 | 7899.6 |
| 57.5° | 185.7  | 207.1  | 192.6  | 262.1  | 733.7  | 3099.1 | 7283.6 | 8274.8 |
| 60°   | 202.5  | 178.1  | 185.0  | 240.0  | 631.3  | 3128.2 | 7300.4 | 8380.3 |
| 62.5° | 193.4  | 162.0  | 177.3  | 232.3  | 559.5  | 2938.7 | 6966.4 | 8254.2 |
| 65°   | 154.4  | 153.6  | 170.4  | 240.0  | 548.8  | 2514.5 | 6402.4 | 7880.5 |
| 67.5° | 140.6  | 147.5  | 163.6  | 249.2  | 555.6  | 1981.0 | 5572.4 | 7007.7 |
| 70°   | 131.5  | 139.9  | 154.4  | 257.6  | 567.9  | 1560.7 | 4486.3 | 5699.2 |
| 72.5° | 122.3  | 129.2  | 145.2  | 266.0  | 559.5  | 1231.3 | 3590.6 | 4390.0 |
| 75°   | 110.8  | 116.9  | 132.2  | 243.8  | 480.0  | 904.9  | 2853.1 | 3117.5 |
| 77.5° | 97.8   | 103.2  | 116.2  | 192.6  | 360.7  | 629.8  | 2136.9 | 2247.0 |
| 80°   | 84.1   | 86.4   | 96.3   | 140.6  | 235.4  | 376.8  | 1626.4 | 1792.2 |
| 82.5° | 66.5   | 67.3   | 73.4   | 103.2  | 146.7  | 240.7  | 1128.1 | 1287.8 |
| 85°   | 42.8   | 44.3   | 47.4   | 72.6   | 98.6   | 154.4  | 576.3  | 660.3  |
| 87.5° | 14.5   | 16.8   | 16.8   | 35.2   | 48.1   | 85.6   | 176.5  | 128.4  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)