

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: P195765

Luminaire Tested: **NVN-AF-03-LED-U-SLR-7050-1200**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P195765  
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-SLR-7050-1200  
Description: NAVION ROADWAY AND AREA LUMINAIRE  
(3) 70 CRI, 5000K, 1200mA 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: 17550 lumens  
Efficiency: N/A  
Efficacy: 91.9 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): 191  
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

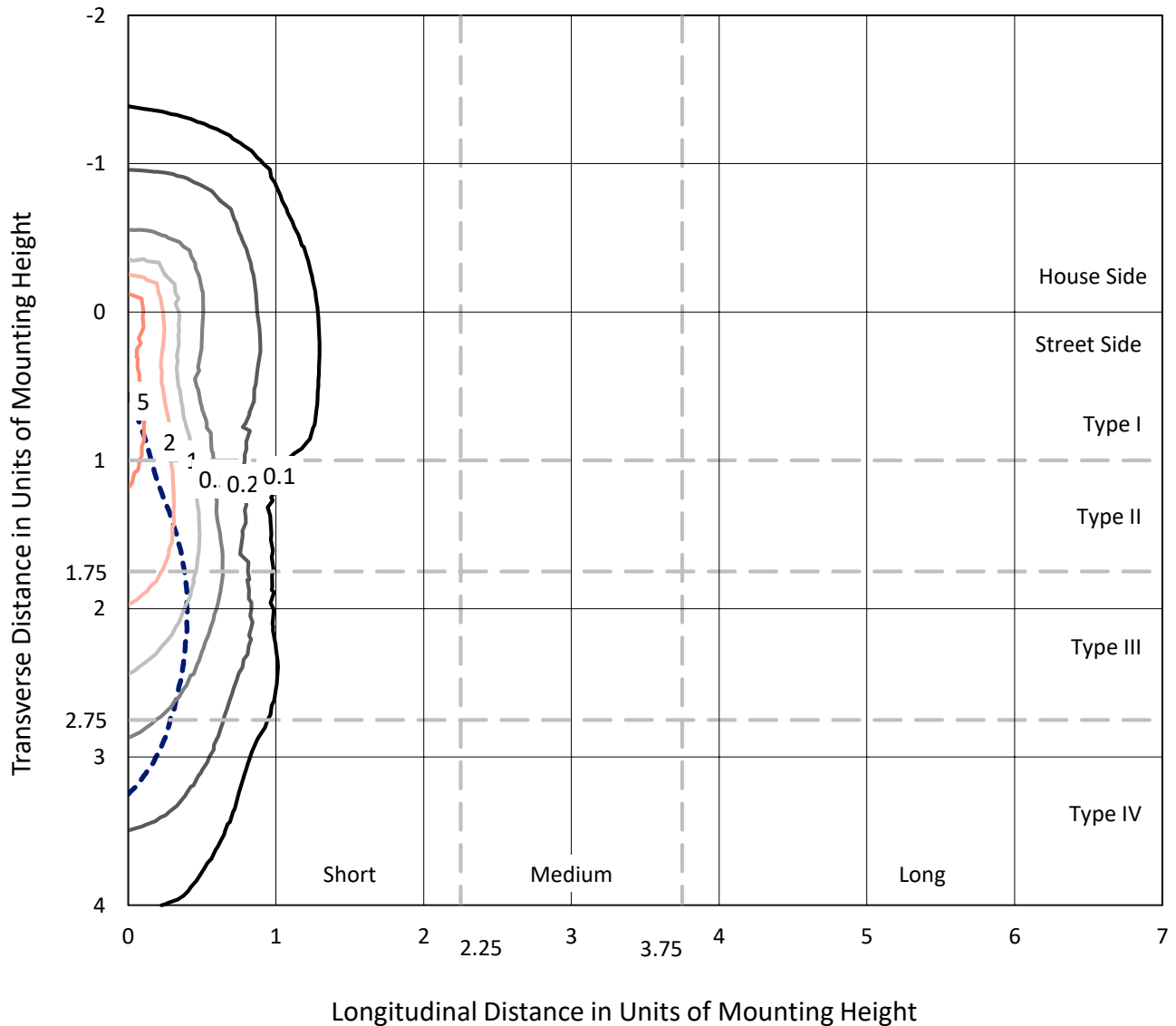


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### Iso-Footcandle Lines of Horizontal Illumination

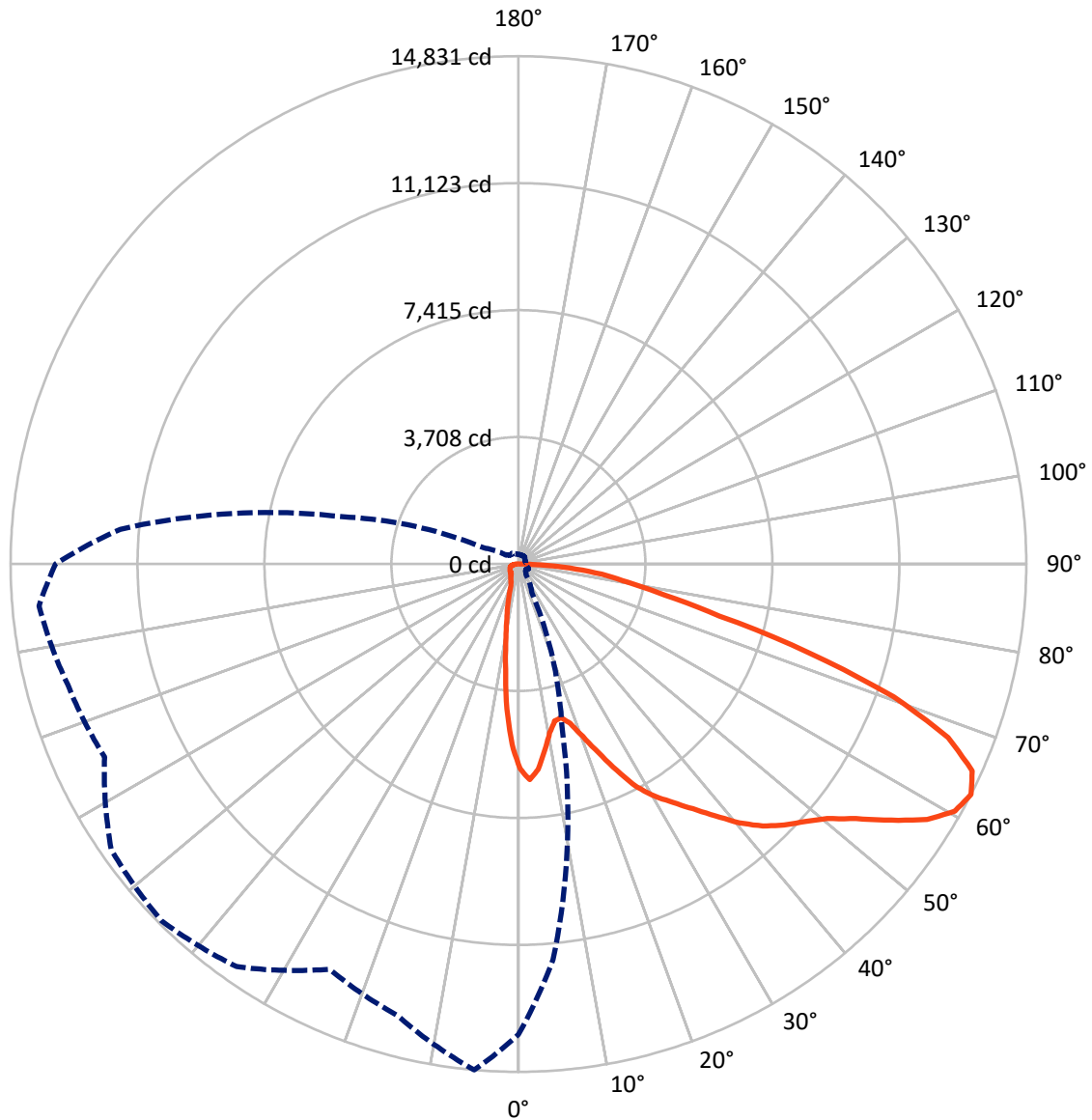
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 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    | 3109.0   | 0.0    | 3109.0  |
|                    | % Fixture | 17.7     | 0.0    | 17.7    |
| <b>Street Side</b> | Lumens    | 14441.0  | 0.0    | 14441.0 |
|                    | % Fixture | 82.3     | 0.0    | 82.3    |
| <b>Total</b>       | Lumens    | 17550.0  | 0.0    | 17550.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 435.1   | 2.5       |
| 10°-20°   | 794.7   | 4.5       |
| 20°-30°   | 1143.1  | 6.5       |
| 30°-40°   | 1750.7  | 10.0      |
| 40°-50°   | 2559.6  | 14.6      |
| 50°-60°   | 3724.2  | 21.2      |
| 60°-70°   | 4315.0  | 24.6      |
| 70°-80°   | 2249.3  | 12.8      |
| 80°-90°   | 578.2   | 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°    | 17550.0 | 100.0     |
| 0°-180°   | 17550.0 | 100.0     |

**Coefficient of Utilization**



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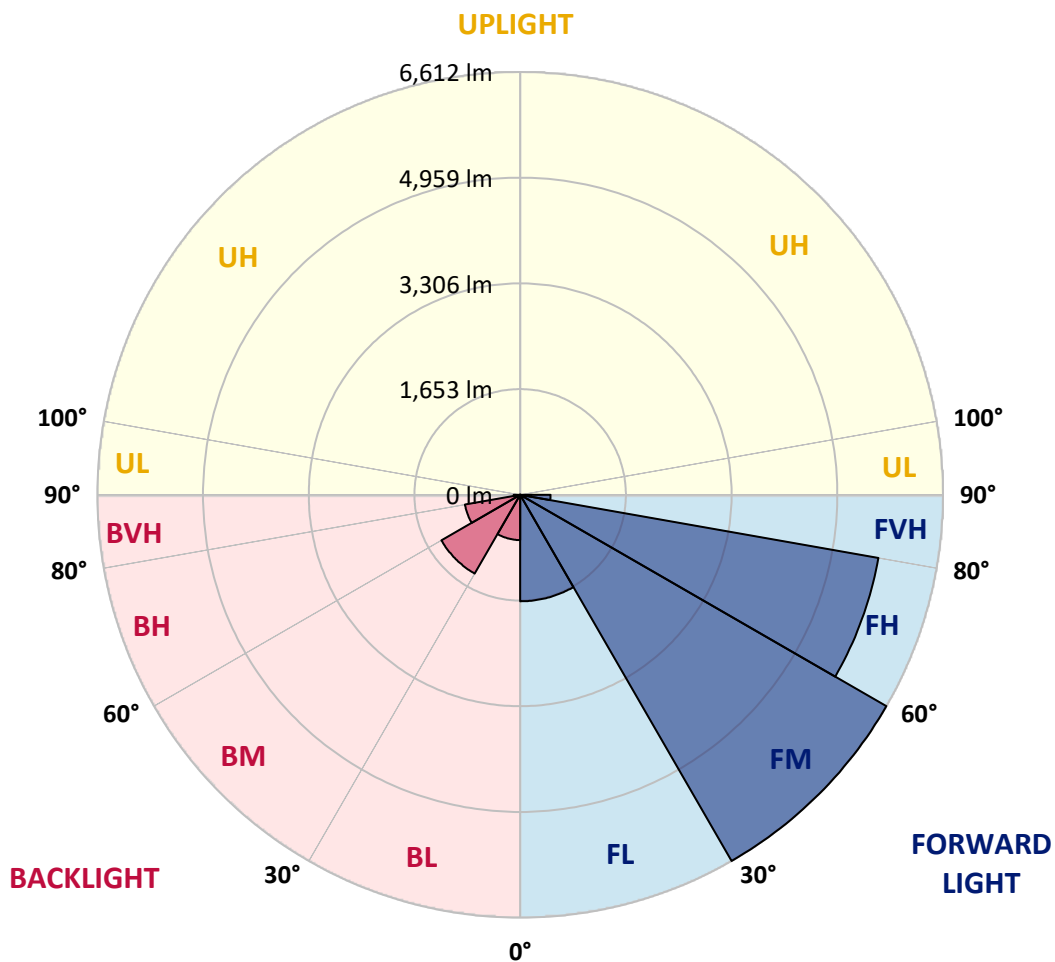
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1665.6 | 9.5       |                         |      |         |
| FM   | (30°-60°)   | 6612.0 | 37.7      |                         |      |         |
| FH   | (60°-80°)   | 5687.7 | 32.4      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 475.7  | 2.7       |                         |      | G3/500  |
| BL   | (0°-30°)    | 707.4  | 4.0       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1422.5 | 8.1       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 876.6  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 102.5  | 0.6       |                         |      | G2/225  |
| 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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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5983.1  | 5983.1  | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 |
| 2.5°  | 6176.6  | 6090.0  | 5890.3 | 5714.7 | 5495.8 | 5331.6 | 5131.9 | 5026.2 | 4948.6 | 4896.5 | 4854.5 |
| 5°    | 5769.4  | 5560.7  | 5178.9 | 4844.3 | 4482.9 | 4222.0 | 3916.7 | 3750.0 | 3646.9 | 3590.9 | 3565.5 |
| 7.5°  | 5164.9  | 4888.8  | 4395.1 | 3945.9 | 3494.2 | 3168.4 | 2936.9 | 2690.0 | 2558.9 | 2473.7 | 2445.7 |
| 10°   | 4636.9  | 4325.1  | 3736.0 | 3230.8 | 2882.1 | 2650.6 | 2452.0 | 2225.5 | 2057.6 | 1911.2 | 1856.5 |
| 12.5° | 4330.2  | 3967.6  | 3295.7 | 2838.9 | 2546.2 | 2298.1 | 2088.1 | 1843.8 | 1666.9 | 1514.2 | 1455.7 |
| 15°   | 4265.3  | 3860.7  | 3111.2 | 2589.5 | 2230.6 | 1931.6 | 1679.7 | 1413.7 | 1240.7 | 1114.7 | 1074.0 |
| 17.5° | 4461.3  | 3962.5  | 3033.6 | 2361.7 | 1929.1 | 1563.9 | 1253.4 | 968.3  | 824.6  | 755.8  | 739.3  |
| 20°   | 4864.6  | 4186.4  | 2996.7 | 2156.8 | 1636.4 | 1203.8 | 866.6  | 657.9  | 586.6  | 566.2  | 565.0  |
| 22.5° | 5395.3  | 4550.3  | 3037.4 | 1988.9 | 1361.5 | 888.2  | 635.0  | 540.8  | 511.5  | 500.1  | 500.1  |
| 25°   | 5994.6  | 5042.8  | 3145.5 | 1860.3 | 1119.8 | 691.0  | 547.2  | 496.3  | 472.1  | 460.6  | 461.9  |
| 27.5° | 6727.5  | 5642.1  | 3293.1 | 1742.0 | 946.7  | 605.7  | 511.5  | 468.3  | 444.1  | 432.6  | 433.9  |
| 30°   | 7279.8  | 6157.5  | 3420.4 | 1633.8 | 857.6  | 571.3  | 492.4  | 451.7  | 425.0  | 408.5  | 407.2  |
| 32.5° | 7796.4  | 6611.7  | 3523.5 | 1556.2 | 806.7  | 510.3  | 445.4  | 414.8  | 391.9  | 372.8  | 369.0  |
| 35°   | 8367.7  | 7039.3  | 3571.8 | 1553.7 | 773.7  | 460.6  | 407.2  | 370.3  | 347.4  | 325.8  | 321.9  |
| 37.5° | 9015.4  | 7562.3  | 3612.5 | 1569.0 | 755.8  | 428.8  | 389.4  | 353.7  | 334.7  | 313.0  | 307.9  |
| 40°   | 9689.8  | 8073.8  | 3644.3 | 1581.7 | 753.3  | 407.2  | 375.4  | 343.6  | 324.5  | 301.6  | 296.5  |
| 42.5° | 10268.8 | 8526.8  | 3687.6 | 1576.6 | 735.5  | 403.4  | 366.5  | 334.7  | 316.8  | 293.9  | 287.6  |
| 45°   | 10732.0 | 8886.9  | 3755.1 | 1575.3 | 708.8  | 412.3  | 363.9  | 332.1  | 310.5  | 286.3  | 281.2  |
| 47.5° | 11163.4 | 9292.8  | 3897.6 | 1570.2 | 679.5  | 409.7  | 377.9  | 329.6  | 307.9  | 283.8  | 279.9  |
| 50°   | 11657.1 | 9838.7  | 4140.6 | 1532.1 | 638.8  | 391.9  | 403.4  | 327.0  | 301.6  | 279.9  | 276.1  |
| 52.5° | 12344.2 | 10637.8 | 4500.7 | 1463.3 | 582.8  | 372.8  | 407.2  | 325.8  | 291.4  | 272.3  | 267.2  |
| 55°   | 13152.2 | 11494.2 | 4888.8 | 1364.1 | 509.0  | 339.7  | 386.8  | 320.7  | 281.2  | 260.9  | 253.2  |
| 57.5° | 13777.0 | 12126.6 | 5159.9 | 1221.6 | 436.5  | 320.7  | 344.8  | 309.2  | 268.5  | 248.1  | 241.8  |
| 60°   | 13952.6 | 12154.6 | 5208.2 | 1051.1 | 399.6  | 307.9  | 296.5  | 337.2  | 258.3  | 236.7  | 230.3  |
| 62.5° | 13742.7 | 11598.5 | 4892.6 | 931.4  | 386.8  | 295.2  | 269.8  | 321.9  | 248.1  | 226.5  | 220.1  |
| 65°   | 13120.4 | 10659.5 | 4186.4 | 913.6  | 399.6  | 283.8  | 255.8  | 257.0  | 238.0  | 216.3  | 210.0  |
| 67.5° | 11667.3 | 9277.6  | 3298.2 | 925.1  | 414.8  | 272.3  | 245.6  | 234.1  | 226.5  | 207.4  | 199.8  |
| 70°   | 9488.8  | 7469.4  | 2598.4 | 945.4  | 428.8  | 257.0  | 232.9  | 218.9  | 212.5  | 192.1  | 188.3  |
| 72.5° | 7309.1  | 5978.1  | 2049.9 | 931.4  | 442.8  | 241.8  | 215.0  | 203.6  | 196.0  | 176.9  | 173.1  |
| 75°   | 5190.4  | 4750.1  | 1506.6 | 799.1  | 405.9  | 220.1  | 194.7  | 184.5  | 178.1  | 157.8  | 156.5  |
| 77.5° | 3741.1  | 3557.8  | 1048.5 | 600.6  | 320.7  | 193.4  | 171.8  | 162.9  | 159.1  | 136.2  | 136.2  |
| 80°   | 2983.9  | 2707.8  | 627.3  | 391.9  | 234.1  | 160.3  | 143.8  | 140.0  | 136.2  | 113.2  | 114.5  |
| 82.5° | 2144.1  | 1878.2  | 400.8  | 244.3  | 171.8  | 122.2  | 112.0  | 110.7  | 104.3  | 84.0   | 84.0   |
| 85°   | 1099.4  | 959.4   | 257.0  | 164.1  | 120.9  | 78.9   | 73.8   | 71.3   | 67.4   | 52.2   | 52.2   |
| 87.5° | 213.8   | 293.9   | 142.5  | 80.2   | 58.5   | 28.0   | 28.0   | 24.2   | 28.0   | 19.1   | 20.4   |
| 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°    | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 |
| 2.5°  | 4934.6 | 4909.2 | 4891.4 | 4882.5 | 5011.0 | 5064.4 | 5125.5 | 5213.3 | 5273.1 | 5247.7 | 5329.1 |
| 5°    | 3685.1 | 3702.9 | 3743.6 | 3807.2 | 3986.6 | 4071.9 | 4126.6 | 4199.1 | 4251.3 | 4199.1 | 4285.7 |
| 7.5°  | 2519.5 | 2546.2 | 2632.7 | 2763.8 | 2980.1 | 3075.6 | 3094.6 | 3095.9 | 3084.5 | 2999.2 | 3057.7 |
| 10°   | 1855.3 | 1801.8 | 1820.9 | 1915.1 | 2108.5 | 2193.7 | 2202.6 | 2179.7 | 2175.9 | 2141.6 | 2207.7 |
| 12.5° | 1437.9 | 1364.1 | 1320.8 | 1336.1 | 1481.2 | 1551.1 | 1562.6 | 1575.3 | 1627.5 | 1644.0 | 1725.5 |
| 15°   | 1072.7 | 1034.5 | 1002.7 | 988.7  | 1084.1 | 1138.9 | 1145.2 | 1175.8 | 1230.5 | 1245.7 | 1315.7 |
| 17.5° | 754.6  | 764.8  | 781.3  | 787.7  | 856.4  | 892.0  | 881.8  | 881.8  | 890.7  | 886.9  | 926.4  |
| 20°   | 576.4  | 596.8  | 628.6  | 659.1  | 721.5  | 741.8  | 716.4  | 684.6  | 664.2  | 654.0  | 663.0  |
| 22.5° | 509.0  | 523.0  | 543.3  | 582.8  | 635.0  | 645.1  | 612.1  | 586.6  | 567.5  | 557.3  | 558.6  |
| 25°   | 472.1  | 486.1  | 502.6  | 534.4  | 579.0  | 584.1  | 553.5  | 537.0  | 521.7  | 511.5  | 509.0  |
| 27.5° | 440.3  | 449.2  | 459.4  | 479.7  | 525.5  | 528.1  | 507.7  | 497.5  | 487.4  | 479.7  | 477.2  |
| 30°   | 411.0  | 414.8  | 418.6  | 439.0  | 473.4  | 477.2  | 467.0  | 461.9  | 458.1  | 453.0  | 453.0  |
| 32.5° | 372.8  | 377.9  | 384.3  | 402.1  | 435.2  | 440.3  | 433.9  | 430.1  | 423.7  | 421.2  | 417.4  |
| 35°   | 327.0  | 339.7  | 353.7  | 375.4  | 411.0  | 413.6  | 405.9  | 394.5  | 379.2  | 375.4  | 372.8  |
| 37.5° | 307.9  | 310.5  | 328.3  | 353.7  | 390.6  | 393.2  | 383.0  | 363.9  | 352.5  | 353.7  | 356.3  |
| 40°   | 295.2  | 299.0  | 309.2  | 334.7  | 371.6  | 375.4  | 366.5  | 352.5  | 341.0  | 342.3  | 346.1  |
| 42.5° | 285.0  | 290.1  | 296.5  | 313.0  | 349.9  | 357.6  | 355.0  | 342.3  | 330.8  | 333.4  | 338.5  |
| 45°   | 279.9  | 283.8  | 283.8  | 295.2  | 330.8  | 342.3  | 343.6  | 333.4  | 324.5  | 327.0  | 333.4  |
| 47.5° | 277.4  | 277.4  | 273.6  | 282.5  | 318.1  | 329.6  | 332.1  | 327.0  | 321.9  | 324.5  | 330.8  |
| 50°   | 273.6  | 268.5  | 264.7  | 272.3  | 307.9  | 318.1  | 320.7  | 316.8  | 319.4  | 324.5  | 328.3  |
| 52.5° | 262.1  | 257.0  | 257.0  | 262.1  | 297.8  | 307.9  | 309.2  | 306.7  | 311.8  | 318.1  | 324.5  |
| 55°   | 248.1  | 248.1  | 249.4  | 254.5  | 292.7  | 300.3  | 299.0  | 296.5  | 301.6  | 309.2  | 315.6  |
| 57.5° | 235.4  | 234.1  | 240.5  | 246.9  | 286.3  | 291.4  | 288.9  | 288.9  | 292.7  | 299.0  | 305.4  |
| 60°   | 227.8  | 221.4  | 226.5  | 236.7  | 279.9  | 285.0  | 281.2  | 279.9  | 286.3  | 291.4  | 296.5  |
| 62.5° | 220.1  | 213.8  | 217.6  | 227.8  | 271.0  | 274.9  | 272.3  | 272.3  | 278.7  | 282.5  | 287.6  |
| 65°   | 208.7  | 206.1  | 208.7  | 218.9  | 263.4  | 264.7  | 264.7  | 265.9  | 271.0  | 273.6  | 278.7  |
| 67.5° | 198.5  | 198.5  | 199.8  | 210.0  | 257.0  | 254.5  | 254.5  | 260.9  | 262.1  | 264.7  | 269.8  |
| 70°   | 185.8  | 188.3  | 188.3  | 201.0  | 251.9  | 243.0  | 244.3  | 249.4  | 251.9  | 254.5  | 255.8  |
| 72.5° | 171.8  | 173.1  | 175.6  | 192.1  | 244.3  | 231.6  | 232.9  | 236.7  | 238.0  | 241.8  | 243.0  |
| 75°   | 156.5  | 157.8  | 161.6  | 183.2  | 239.2  | 220.1  | 217.6  | 220.1  | 222.7  | 225.2  | 224.0  |
| 77.5° | 138.7  | 141.2  | 145.1  | 178.1  | 222.7  | 217.6  | 198.5  | 201.0  | 203.6  | 203.6  | 202.3  |
| 80°   | 117.1  | 120.9  | 127.2  | 170.5  | 188.3  | 210.0  | 176.9  | 178.1  | 179.4  | 179.4  | 176.9  |
| 82.5° | 87.8   | 95.4   | 104.3  | 141.2  | 147.6  | 179.4  | 152.7  | 155.2  | 151.4  | 148.9  | 147.6  |
| 85°   | 57.3   | 63.6   | 76.3   | 98.0   | 108.2  | 141.2  | 126.0  | 127.2  | 119.6  | 118.3  | 118.3  |
| 87.5° | 22.9   | 24.2   | 34.4   | 49.6   | 64.9   | 87.8   | 90.3   | 92.9   | 86.5   | 86.5   | 89.1   |
| 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°    | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1 | 5983.1  | 5983.1  | 5983.1  | 5983.1  |
| 2.5°  | 5452.5 | 5579.8 | 5726.1 | 5875.0 | 5997.1 | 6154.9 | 6307.6 | 6470.5  | 6553.2  | 6601.6  | 6737.7  |
| 5°    | 4420.6 | 4594.9 | 4802.3 | 5035.2 | 5228.6 | 5559.4 | 5915.7 | 6312.7  | 6503.6  | 6691.9  | 7048.2  |
| 7.5°  | 3162.1 | 3332.6 | 3574.4 | 3875.9 | 4150.8 | 4587.2 | 5056.8 | 5593.8  | 5858.4  | 6163.8  | 6747.9  |
| 10°   | 2347.7 | 2528.4 | 2747.3 | 3003.0 | 3274.1 | 3728.3 | 4255.1 | 4858.3  | 5149.7  | 5494.5  | 6158.7  |
| 12.5° | 1903.6 | 2114.8 | 2341.3 | 2570.4 | 2803.2 | 3108.6 | 3660.9 | 4331.5  | 4644.5  | 4991.9  | 5657.4  |
| 15°   | 1485.0 | 1711.5 | 1955.8 | 2205.2 | 2436.8 | 2777.8 | 3341.5 | 4134.2  | 4491.8  | 4827.7  | 5372.4  |
| 17.5° | 1051.1 | 1264.8 | 1539.7 | 1842.5 | 2178.5 | 2581.8 | 3272.8 | 4220.8  | 4654.7  | 5005.9  | 5371.1  |
| 20°   | 716.4  | 864.0  | 1138.9 | 1497.7 | 1912.5 | 2424.1 | 3298.2 | 4524.9  | 5067.0  | 5452.5  | 5591.2  |
| 22.5° | 572.6  | 642.6  | 828.4  | 1193.6 | 1683.5 | 2309.5 | 3402.6 | 4942.3  | 5658.7  | 6128.2  | 5992.1  |
| 25°   | 520.4  | 559.9  | 656.6  | 942.9  | 1479.9 | 2233.2 | 3606.2 | 5493.2  | 6321.6  | 6797.5  | 6474.3  |
| 27.5° | 488.6  | 523.0  | 585.3  | 774.9  | 1304.3 | 2183.6 | 3864.5 | 6142.2  | 7068.6  | 7459.2  | 6976.9  |
| 30°   | 468.3  | 502.6  | 559.9  | 696.0  | 1171.9 | 2109.8 | 4091.0 | 6735.2  | 7665.3  | 7918.6  | 7248.0  |
| 32.5° | 428.8  | 455.5  | 502.6  | 623.5  | 1072.7 | 2023.2 | 4286.9 | 7265.8  | 8229.1  | 8313.0  | 7573.7  |
| 35°   | 388.1  | 416.1  | 463.2  | 565.0  | 1014.2 | 1955.8 | 4390.0 | 7736.6  | 8787.7  | 8707.5  | 7896.9  |
| 37.5° | 372.8  | 395.7  | 439.0  | 523.0  | 982.3  | 1911.2 | 4429.5 | 8199.8  | 9387.0  | 9144.0  | 8122.2  |
| 40°   | 362.7  | 383.0  | 421.2  | 495.0  | 973.4  | 1869.3 | 4420.6 | 8640.1  | 9968.5  | 9595.7  | 8299.0  |
| 42.5° | 355.0  | 372.8  | 408.5  | 475.9  | 949.3  | 1829.8 | 4391.3 | 9020.5  | 10434.2 | 9985.1  | 8468.3  |
| 45°   | 348.7  | 367.7  | 403.4  | 486.1  | 904.7  | 1786.5 | 4373.5 | 9367.9  | 10791.8 | 10313.4 | 8694.8  |
| 47.5° | 346.1  | 367.7  | 404.6  | 483.5  | 856.4  | 1738.2 | 4437.1 | 9753.5  | 11103.6 | 10589.5 | 8996.3  |
| 50°   | 342.3  | 366.5  | 432.6  | 460.6  | 790.2  | 1678.4 | 4652.1 | 10212.8 | 11430.6 | 10900.0 | 9387.0  |
| 52.5° | 335.9  | 365.2  | 461.9  | 442.8  | 704.9  | 1595.7 | 5000.8 | 10861.8 | 11995.6 | 11504.4 | 9964.7  |
| 55°   | 328.3  | 367.7  | 441.5  | 414.8  | 614.6  | 1488.8 | 5349.5 | 11751.2 | 12911.7 | 12479.1 | 10794.3 |
| 57.5° | 319.4  | 363.9  | 417.4  | 389.4  | 539.5  | 1353.9 | 5614.1 | 12480.4 | 13667.6 | 13484.3 | 11813.6 |
| 60°   | 313.0  | 372.8  | 375.4  | 374.1  | 491.2  | 1225.4 | 5639.6 | 12433.3 | 13885.2 | 14137.1 | 12811.2 |
| 62.5° | 305.4  | 380.5  | 342.3  | 362.7  | 467.0  | 1105.8 | 5325.3 | 11663.4 | 13517.4 | 14053.1 | 13624.3 |
| 65°   | 295.2  | 332.1  | 324.5  | 352.5  | 467.0  | 1042.2 | 4593.6 | 10382.1 | 12500.7 | 13259.1 | 14065.9 |
| 67.5° | 285.0  | 301.6  | 311.8  | 338.5  | 477.2  | 982.3  | 3691.4 | 8757.1  | 10897.4 | 11977.7 | 13569.6 |
| 70°   | 271.0  | 285.0  | 297.8  | 325.8  | 472.1  | 940.4  | 2905.0 | 7018.9  | 8968.4  | 10205.2 | 12196.6 |
| 72.5° | 258.3  | 268.5  | 281.2  | 306.7  | 472.1  | 921.3  | 2333.7 | 5506.0  | 6847.2  | 7889.3  | 10103.4 |
| 75°   | 239.2  | 248.1  | 259.6  | 287.6  | 463.2  | 842.4  | 1752.2 | 4411.6  | 5009.7  | 5662.5  | 7972.0  |
| 77.5° | 220.1  | 226.5  | 235.4  | 263.4  | 417.4  | 703.7  | 1239.4 | 3416.6  | 3711.8  | 4073.2  | 6214.7  |
| 80°   | 196.0  | 201.0  | 207.4  | 235.4  | 346.1  | 545.9  | 806.7  | 2672.2  | 2775.3  | 2949.6  | 4088.4  |
| 82.5° | 168.0  | 175.6  | 176.9  | 202.3  | 278.7  | 395.7  | 479.7  | 1831.1  | 1829.8  | 2085.6  | 2884.7  |
| 85°   | 137.4  | 141.2  | 143.8  | 159.1  | 206.1  | 263.4  | 315.6  | 1000.2  | 892.0   | 1249.6  | 2505.5  |
| 87.5° | 103.1  | 99.3   | 103.1  | 106.9  | 136.2  | 155.2  | 169.2  | 184.5   | 110.7   | 226.5   | 1457.0  |
| 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: P195765

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**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 5983.1  | 5983.1  | 5983.1  | 5983.1  | 5983.1  | 5983.1  | 5983.1  | 5983.1  |
| 2.5°  | 6810.2  | 6885.3  | 6840.8  | 6787.3  | 6653.7  | 6457.8  | 6307.6  | 6176.6  |
| 5°    | 7295.1  | 7433.8  | 7372.7  | 7174.2  | 6828.1  | 6434.9  | 6021.3  | 5769.4  |
| 7.5°  | 7234.0  | 7508.8  | 7484.7  | 7153.8  | 6657.6  | 6078.6  | 5497.1  | 5164.9  |
| 10°   | 6745.4  | 7130.9  | 7197.1  | 6858.6  | 6333.1  | 5685.4  | 5012.3  | 4636.9  |
| 12.5° | 6213.5  | 6537.9  | 6672.8  | 6544.3  | 6049.3  | 5391.4  | 4705.6  | 4330.2  |
| 15°   | 5768.1  | 5932.2  | 6065.9  | 6148.6  | 5841.9  | 5287.1  | 4652.1  | 4265.3  |
| 17.5° | 5438.5  | 5406.7  | 5518.7  | 5717.2  | 5729.9  | 5425.8  | 4893.9  | 4461.3  |
| 20°   | 5279.5  | 5030.1  | 5095.0  | 5373.6  | 5699.4  | 5778.3  | 5376.2  | 4864.6  |
| 22.5° | 5270.6  | 4881.2  | 4893.9  | 5194.2  | 5787.2  | 6259.3  | 5978.1  | 5395.3  |
| 25°   | 5408.0  | 4864.6  | 4876.1  | 5175.1  | 5942.4  | 6744.1  | 6674.1  | 5994.6  |
| 27.5° | 5642.1  | 4935.9  | 4928.3  | 5259.1  | 6149.8  | 7148.7  | 7376.5  | 6727.5  |
| 30°   | 5895.3  | 5039.0  | 5019.9  | 5394.0  | 6353.4  | 7398.1  | 7875.3  | 7279.8  |
| 32.5° | 6210.9  | 5222.2  | 5156.0  | 5591.2  | 6554.5  | 7637.4  | 8301.6  | 7796.4  |
| 35°   | 6511.2  | 5490.7  | 5395.3  | 5873.7  | 6769.5  | 7903.3  | 8778.8  | 8367.7  |
| 37.5° | 6817.9  | 5891.5  | 5838.1  | 6280.9  | 7073.6  | 8192.1  | 9324.6  | 9015.4  |
| 40°   | 7211.1  | 6461.6  | 6436.1  | 6872.6  | 7479.6  | 8507.7  | 9936.7  | 9689.8  |
| 42.5° | 7634.8  | 7067.3  | 7045.7  | 7552.1  | 7983.5  | 8824.6  | 10461.0 | 10268.8 |
| 45°   | 8066.2  | 7801.5  | 7806.6  | 8277.4  | 8514.1  | 9123.6  | 10873.2 | 10732.0 |
| 47.5° | 8575.2  | 8604.4  | 8786.4  | 9029.4  | 9030.7  | 9457.0  | 11238.4 | 11163.4 |
| 50°   | 9221.6  | 9574.0  | 9910.0  | 9948.2  | 9552.4  | 9897.3  | 11685.1 | 11657.1 |
| 52.5° | 9953.2  | 10692.5 | 11083.2 | 10962.3 | 10061.4 | 10443.1 | 12345.5 | 12344.2 |
| 55°   | 10822.3 | 11861.9 | 12229.7 | 12023.6 | 10670.9 | 11154.5 | 13208.2 | 13152.2 |
| 57.5° | 11723.2 | 12986.8 | 13283.3 | 13014.8 | 11433.1 | 11982.8 | 14073.5 | 13777.0 |
| 60°   | 12696.7 | 13955.2 | 14256.7 | 13853.4 | 12288.2 | 12808.7 | 14646.1 | 13952.6 |
| 62.5° | 13334.2 | 14521.4 | 14737.7 | 14350.9 | 13054.2 | 13649.8 | 14830.6 | 13742.7 |
| 65°   | 13367.3 | 14144.8 | 14202.0 | 14064.6 | 13380.0 | 14380.2 | 14563.4 | 13120.4 |
| 67.5° | 12458.7 | 12504.5 | 12579.6 | 12727.2 | 12684.0 | 14054.4 | 13532.7 | 11667.3 |
| 70°   | 10515.7 | 9904.9  | 10151.7 | 10294.3 | 10614.9 | 12500.7 | 11627.8 | 9488.8  |
| 72.5° | 8040.7  | 7148.7  | 7428.7  | 7380.3  | 8047.1  | 10253.5 | 8895.8  | 7309.1  |
| 75°   | 5787.2  | 4874.8  | 4896.5  | 4899.0  | 5782.1  | 8184.5  | 6065.9  | 5190.4  |
| 77.5° | 3933.2  | 3449.7  | 3520.9  | 3476.4  | 3869.6  | 6412.0  | 4367.1  | 3741.1  |
| 80°   | 2690.0  | 2677.3  | 2692.5  | 2588.2  | 2580.6  | 4144.4  | 3233.3  | 2983.9  |
| 82.5° | 1995.2  | 1843.8  | 1822.2  | 1711.5  | 1977.4  | 3168.4  | 2454.6  | 2144.1  |
| 85°   | 1574.0  | 1020.5  | 886.9   | 1070.1  | 1712.7  | 2915.2  | 1496.4  | 1099.4  |
| 87.5° | 666.8   | 400.8   | 243.0   | 481.0   | 951.8   | 2136.5  | 414.8   | 213.8   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)