

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: P960253

Luminaire Tested: **NVN-SB1C-722-U-SLL-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P960253  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: NVN-SB1C-722-U-SLL-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

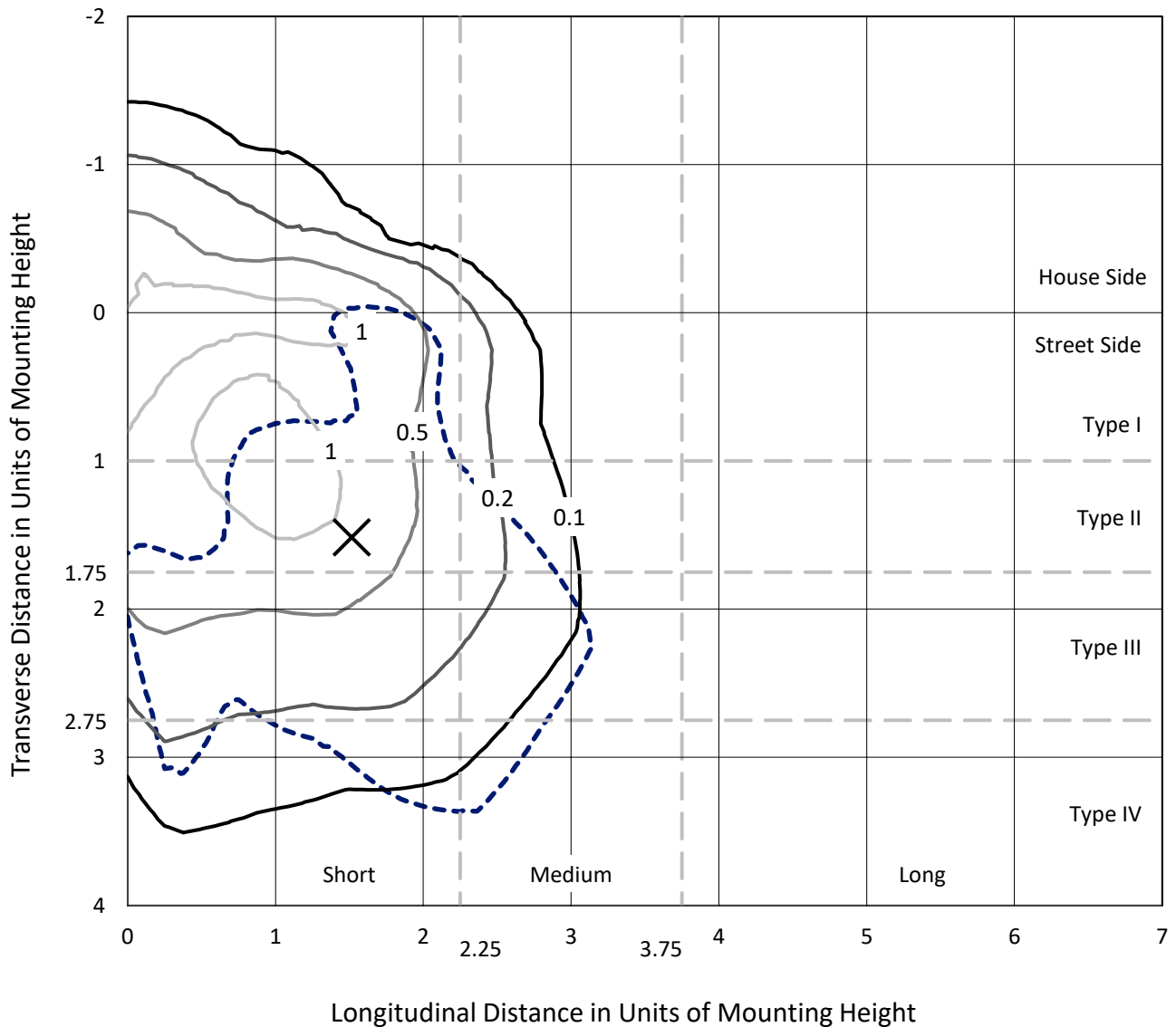
Lumens per Lamp: N/A  
Luminaire Lumens: 4841.1 lumens  
Efficiency: N/A  
Efficacy: 89.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 54.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
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: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

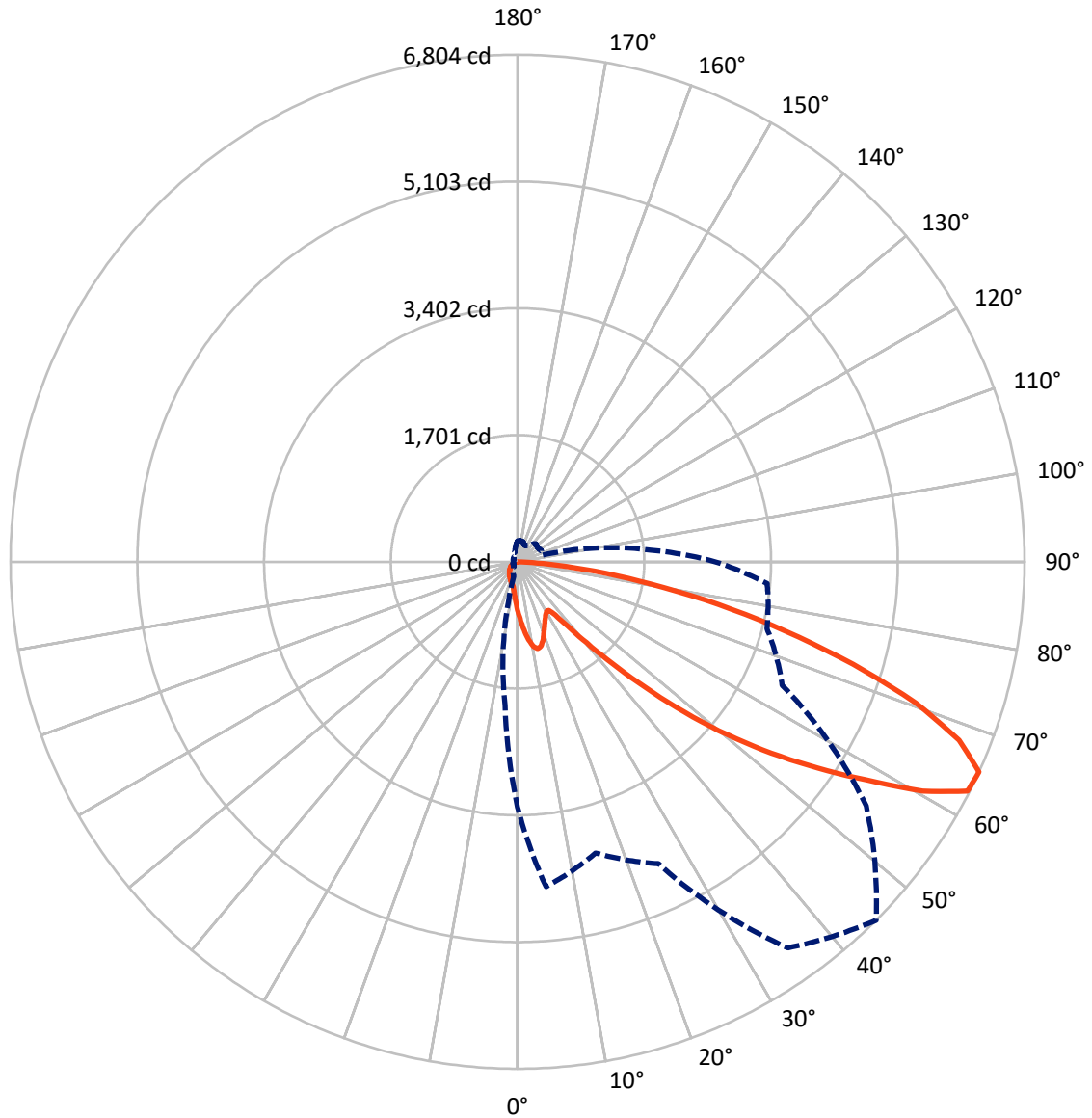
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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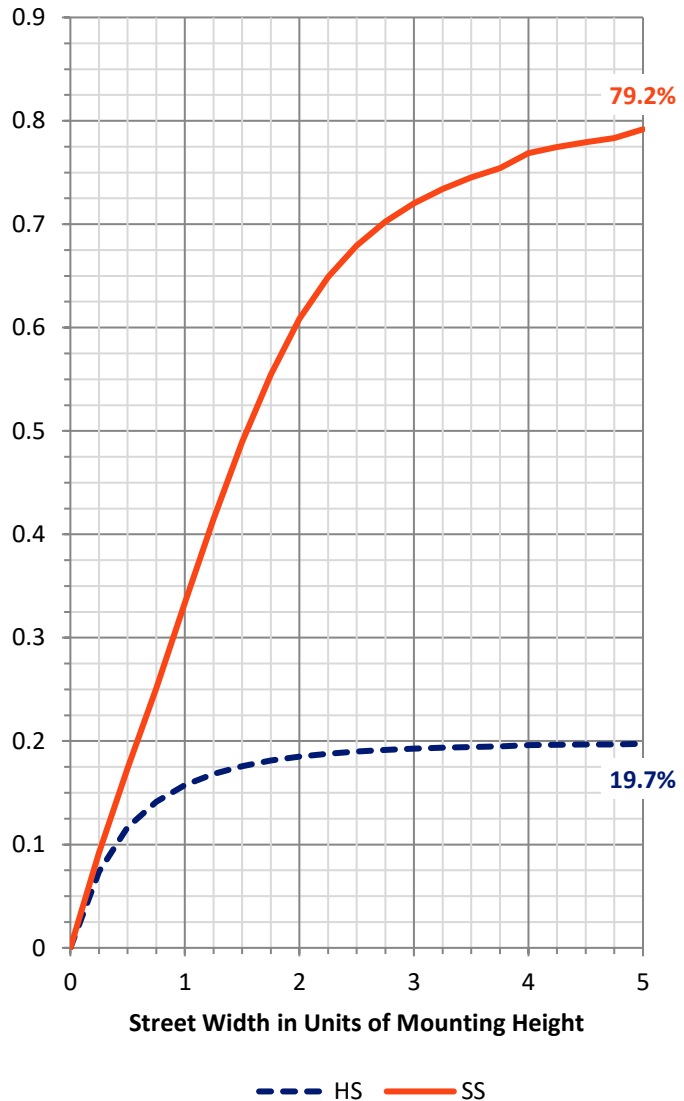
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 962.3    | 0.0    | 962.3  |
|                    | % Fixture | 19.9     | 0.0    | 19.9   |
| <b>Street Side</b> | Lumens    | 3878.8   | 0.0    | 3878.8 |
|                    | % Fixture | 80.1     | 0.0    | 80.1   |
| <b>Total</b>       | Lumens    | 4841.1   | 0.0    | 4841.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 66.0   | 1.4       |
| 10°-20°   | 197.8  | 4.1       |
| 20°-30°   | 291.5  | 6.0       |
| 30°-40°   | 374.4  | 7.7       |
| 40°-50°   | 605.6  | 12.5      |
| 50°-60°   | 1062.0 | 21.9      |
| 60°-70°   | 1328.8 | 27.4      |
| 70°-80°   | 776.5  | 16.0      |
| 80°-90°   | 138.5  | 2.9       |
| 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°    | 4841.1 | 100.0     |
| 0°-180°   | 4841.1 | 100.0     |

**Coefficient of Utilization**



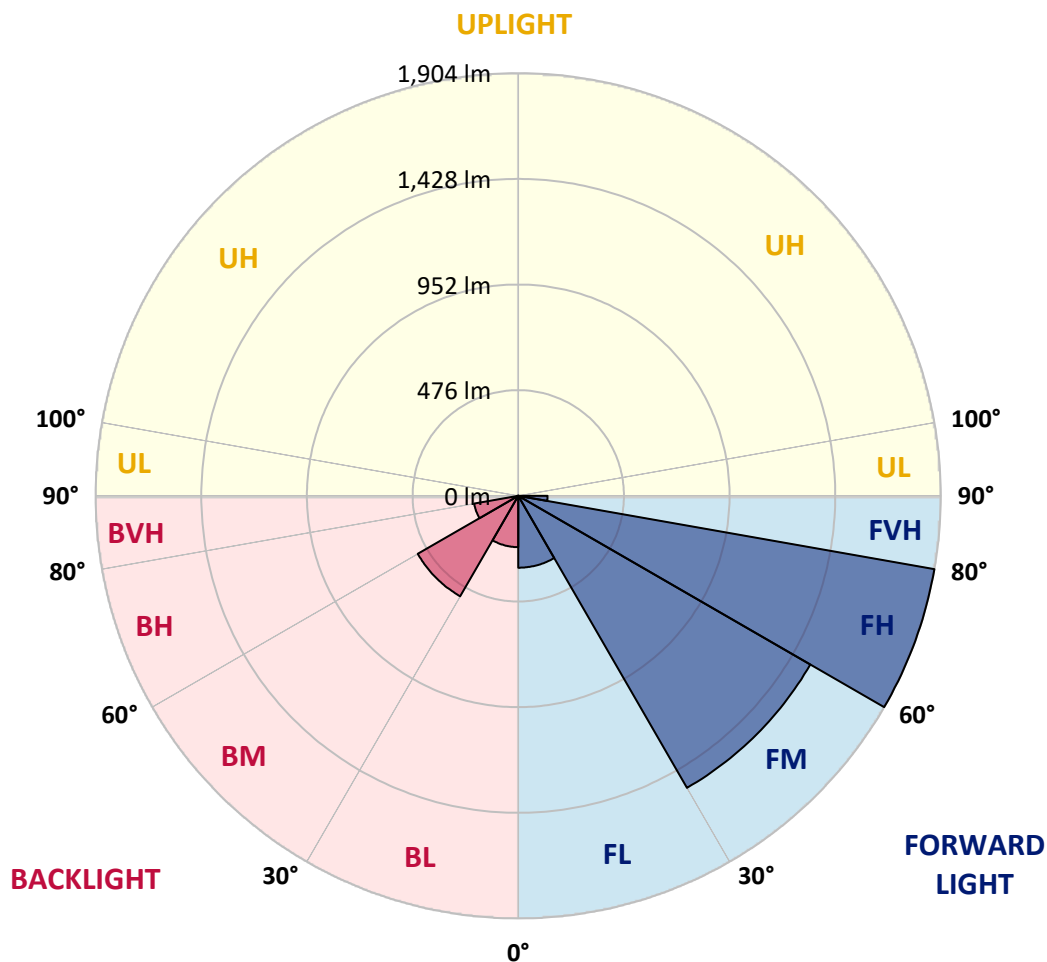
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 323.9  | 6.7       |                         |      |         |
| FM (30°-60°)   | 1519.2 | 31.4      |                         |      |         |
| FH (60°-80°)   | 1903.7 | 39.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 132.0  | 2.7       |                         |      | G2/225  |
| BL (0°-30°)    | 231.4  | 4.8       | B1/500                  |      |         |
| BM (30°-60°)   | 522.8  | 10.8      | B1/1000                 |      |         |
| BH (60°-80°)   | 201.6  | 4.2       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 6.5    | 0.1       |                         |      | G0/10   |
| 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



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 CATALOG NUMBER: NVN-SB1C-722-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  | 670.3  |
| 2.5°  | 751.0  | 756.8  | 769.4  | 776.0  | 786.4  | 787.1  | 787.1  | 778.1  | 777.8  | 759.4  | 757.4  |
| 5°    | 839.4  | 852.8  | 882.7  | 913.8  | 920.4  | 922.1  | 918.8  | 900.8  | 887.4  | 851.8  | 844.1  |
| 7.5°  | 927.1  | 952.8  | 998.5  | 1039.9 | 1053.2 | 1053.2 | 1045.2 | 1015.9 | 988.5  | 936.8  | 917.5  |
| 10°   | 999.8  | 1032.2 | 1094.2 | 1140.5 | 1155.9 | 1152.6 | 1136.2 | 1099.2 | 1061.5 | 998.9  | 973.4  |
| 12.5° | 1047.9 | 1084.2 | 1152.2 | 1189.6 | 1205.3 | 1196.6 | 1177.9 | 1142.0 | 1102.2 | 1036.2 | 1007.5 |
| 15°   | 1071.8 | 1109.9 | 1168.9 | 1188.6 | 1184.3 | 1175.3 | 1172.9 | 1155.6 | 1125.6 | 1063.8 | 1032.5 |
| 17.5° | 1082.2 | 1117.6 | 1158.6 | 1146.3 | 1109.6 | 1102.6 | 1125.9 | 1147.9 | 1140.5 | 1087.8 | 1058.5 |
| 20°   | 1091.8 | 1121.6 | 1133.9 | 1079.2 | 1015.2 | 1008.8 | 1053.5 | 1116.2 | 1148.2 | 1110.2 | 1083.2 |
| 22.5° | 1105.3 | 1123.6 | 1098.2 | 1008.5 | 939.5  | 924.8  | 974.2  | 1068.6 | 1150.6 | 1138.6 | 1111.5 |
| 25°   | 1123.6 | 1128.5 | 1058.8 | 941.5  | 872.1  | 857.4  | 903.4  | 1015.5 | 1146.6 | 1169.2 | 1146.3 |
| 27.5° | 1145.5 | 1135.2 | 1021.2 | 885.4  | 818.4  | 804.7  | 850.7  | 964.5  | 1135.2 | 1200.0 | 1183.6 |
| 30°   | 1174.2 | 1143.9 | 983.8  | 842.0  | 780.0  | 770.1  | 814.4  | 920.4  | 1121.2 | 1238.9 | 1229.9 |
| 32.5° | 1203.2 | 1147.6 | 949.1  | 816.7  | 771.4  | 775.0  | 811.4  | 896.8  | 1105.9 | 1276.3 | 1280.6 |
| 35°   | 1234.6 | 1159.3 | 932.1  | 841.7  | 843.8  | 875.8  | 890.8  | 918.8  | 1103.5 | 1327.0 | 1344.0 |
| 37.5° | 1277.3 | 1185.2 | 952.4  | 966.2  | 1035.6 | 1101.9 | 1089.6 | 1026.5 | 1130.6 | 1402.7 | 1434.4 |
| 40°   | 1338.6 | 1230.9 | 1041.2 | 1177.9 | 1320.3 | 1428.0 | 1381.0 | 1222.3 | 1213.3 | 1511.8 | 1559.1 |
| 42.5° | 1428.0 | 1303.7 | 1198.6 | 1436.7 | 1678.1 | 1855.6 | 1729.5 | 1474.8 | 1358.0 | 1667.5 | 1727.8 |
| 45°   | 1560.2 | 1421.4 | 1389.0 | 1709.8 | 2119.4 | 2398.9 | 2136.7 | 1743.8 | 1560.8 | 1903.3 | 1950.7 |
| 47.5° | 1743.2 | 1594.5 | 1567.4 | 1997.6 | 2655.7 | 3017.2 | 2588.3 | 1993.3 | 1791.6 | 2224.8 | 2235.7 |
| 50°   | 1986.3 | 1827.6 | 1736.6 | 2312.5 | 3243.6 | 3647.5 | 3039.5 | 2234.1 | 2056.0 | 2617.6 | 2604.9 |
| 52.5° | 2307.2 | 2152.7 | 1933.7 | 2612.3 | 3848.3 | 4264.4 | 3492.8 | 2445.5 | 2384.1 | 3073.6 | 3047.5 |
| 55°   | 2744.7 | 2641.9 | 2203.1 | 2898.5 | 4452.6 | 4885.2 | 3928.3 | 2645.0 | 2817.7 | 3615.2 | 3457.7 |
| 57.5° | 3287.7 | 3361.0 | 2591.6 | 3230.3 | 4995.8 | 5524.7 | 4365.9 | 2923.8 | 3380.7 | 4220.7 | 3695.8 |
| 60°   | 3637.8 | 4317.2 | 3335.7 | 3720.9 | 5613.1 | 6248.1 | 4965.5 | 3454.0 | 3972.3 | 4437.8 | 3650.4 |
| 62.5° | 3553.1 | 4621.3 | 4226.8 | 4347.1 | 6180.7 | 6774.0 | 5553.1 | 3986.6 | 4083.7 | 4118.0 | 3301.0 |
| 65°   | 3293.3 | 4375.8 | 4045.1 | 4468.9 | 6324.5 | 6803.7 | 5710.2 | 3918.0 | 3464.1 | 3362.0 | 2653.3 |
| 67.5° | 2935.8 | 4084.7 | 3613.1 | 4146.0 | 6064.7 | 6388.8 | 5417.7 | 3465.7 | 2677.0 | 2522.9 | 1925.0 |
| 70°   | 2549.9 | 3762.6 | 3329.6 | 3783.9 | 5569.4 | 5665.8 | 4920.4 | 3048.1 | 1969.0 | 1703.9 | 1235.3 |
| 72.5° | 2183.8 | 3427.1 | 3135.6 | 3412.7 | 4908.8 | 4709.4 | 4273.1 | 2679.0 | 1433.7 | 1229.0 | 878.1  |
| 75°   | 1809.2 | 2932.1 | 2859.1 | 2971.8 | 4040.0 | 3709.5 | 3550.4 | 2218.1 | 1125.2 | 889.1  | 606.0  |
| 77.5° | 1396.0 | 2291.2 | 2459.2 | 2379.8 | 2843.8 | 2755.4 | 2752.0 | 1666.9 | 822.0  | 593.3  | 379.9  |
| 80°   | 955.5  | 1596.7 | 1921.3 | 1678.8 | 1845.6 | 1800.5 | 2072.7 | 1118.3 | 596.3  | 357.2  | 211.5  |
| 82.5° | 561.6  | 972.1  | 1337.3 | 812.7  | 1020.5 | 1047.6 | 1234.3 | 544.0  | 350.9  | 82.4   | 46.0   |
| 85°   | 227.8  | 383.9  | 523.0  | 318.2  | 492.2  | 415.2  | 468.5  | 152.7  | 97.7   | 2.0    | 0.0    |
| 87.5° | 57.4   | 122.7  | 86.0   | 35.7   | 57.0   | 52.4   | 41.3   | 18.7   | 4.0    | 0.0    | 0.0    |
| 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):**

|       | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  | 185°  |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 670.3  | 670.3  | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 |
| 2.5°  | 744.4  | 736.7  | 717.7 | 698.6 | 683.4 | 662.7 | 649.0 | 632.6 | 616.9 | 603.0 | 600.3 |
| 5°    | 823.1  | 797.8  | 763.0 | 731.3 | 699.0 | 667.7 | 636.6 | 603.9 | 574.0 | 555.7 | 544.0 |
| 7.5°  | 887.1  | 842.4  | 796.4 | 756.0 | 717.0 | 680.3 | 639.3 | 599.6 | 552.6 | 527.6 | 504.9 |
| 10°   | 934.8  | 876.1  | 815.7 | 769.4 | 730.0 | 694.3 | 659.7 | 619.6 | 562.9 | 531.6 | 497.5 |
| 12.5° | 966.2  | 896.5  | 825.7 | 772.7 | 728.7 | 701.0 | 685.7 | 670.0 | 613.7 | 577.0 | 527.6 |
| 15°   | 987.8  | 910.8  | 832.7 | 765.1 | 711.0 | 690.6 | 706.0 | 724.1 | 688.0 | 645.6 | 581.3 |
| 17.5° | 1011.5 | 929.5  | 835.8 | 744.4 | 676.7 | 668.0 | 707.7 | 749.4 | 747.7 | 705.7 | 642.7 |
| 20°   | 1036.5 | 945.8  | 833.7 | 711.0 | 635.0 | 642.7 | 693.3 | 741.7 | 762.1 | 739.3 | 683.4 |
| 22.5° | 1062.2 | 961.4  | 826.0 | 667.7 | 595.9 | 620.0 | 670.7 | 713.0 | 737.1 | 730.0 | 687.4 |
| 25°   | 1094.5 | 983.5  | 814.8 | 620.9 | 563.6 | 597.0 | 644.3 | 678.7 | 695.4 | 695.1 | 665.6 |
| 27.5° | 1133.2 | 1012.8 | 808.7 | 583.3 | 540.6 | 570.9 | 612.9 | 643.7 | 655.3 | 655.3 | 632.0 |
| 30°   | 1178.2 | 1047.6 | 802.1 | 558.6 | 527.3 | 544.0 | 576.7 | 606.6 | 618.3 | 618.3 | 598.6 |
| 32.5° | 1228.3 | 1080.9 | 786.1 | 543.6 | 517.2 | 517.6 | 538.2 | 565.6 | 579.6 | 581.6 | 567.6 |
| 35°   | 1288.3 | 1116.5 | 751.0 | 531.6 | 505.6 | 491.9 | 501.9 | 524.6 | 541.3 | 545.6 | 536.9 |
| 37.5° | 1367.0 | 1160.2 | 701.0 | 513.9 | 487.6 | 464.9 | 467.2 | 484.6 | 503.0 | 509.6 | 503.9 |
| 40°   | 1472.7 | 1211.7 | 649.0 | 488.6 | 462.3 | 435.2 | 434.2 | 446.9 | 464.9 | 472.2 | 469.2 |
| 42.5° | 1612.4 | 1273.3 | 599.3 | 464.2 | 431.5 | 403.8 | 402.2 | 412.3 | 427.8 | 435.5 | 434.2 |
| 45°   | 1791.2 | 1349.0 | 556.6 | 445.3 | 401.5 | 374.2 | 373.5 | 381.8 | 395.5 | 403.5 | 401.9 |
| 47.5° | 2039.6 | 1424.7 | 527.6 | 435.2 | 377.8 | 349.8 | 351.2 | 358.5 | 370.8 | 376.5 | 374.2 |
| 50°   | 2363.5 | 1447.7 | 512.9 | 435.2 | 365.2 | 328.2 | 334.9 | 340.8 | 350.1 | 353.5 | 350.5 |
| 52.5° | 2674.3 | 1371.7 | 499.6 | 437.9 | 366.8 | 309.9 | 324.2 | 328.5 | 336.5 | 337.8 | 333.5 |
| 55°   | 2826.7 | 1179.3 | 481.2 | 438.6 | 377.2 | 294.2 | 315.5 | 323.5 | 326.5 | 326.2 | 318.8 |
| 57.5° | 2774.4 | 953.5  | 450.2 | 435.9 | 384.2 | 284.1 | 304.8 | 320.2 | 322.2 | 319.2 | 305.4 |
| 60°   | 2590.6 | 702.0  | 426.5 | 416.3 | 381.5 | 281.2 | 288.4 | 312.8 | 315.8 | 311.8 | 289.5 |
| 62.5° | 2282.5 | 487.3  | 408.2 | 372.9 | 369.8 | 280.1 | 262.8 | 296.8 | 304.1 | 298.5 | 265.8 |
| 65°   | 1796.9 | 344.2  | 351.5 | 326.9 | 344.5 | 274.8 | 236.2 | 277.5 | 287.5 | 278.8 | 232.8 |
| 67.5° | 1216.0 | 248.5  | 284.8 | 296.1 | 303.5 | 262.8 | 216.8 | 255.4 | 268.8 | 257.5 | 194.4 |
| 70°   | 656.6  | 174.5  | 188.1 | 249.5 | 257.8 | 242.1 | 199.5 | 233.1 | 248.5 | 236.2 | 158.4 |
| 72.5° | 387.9  | 125.4  | 131.7 | 200.4 | 214.7 | 213.1 | 180.1 | 207.2 | 225.8 | 211.2 | 128.7 |
| 75°   | 213.8  | 84.7   | 94.1  | 145.4 | 174.5 | 164.4 | 154.8 | 175.4 | 194.4 | 180.1 | 99.4  |
| 77.5° | 95.7   | 50.7   | 65.4  | 95.4  | 137.0 | 112.7 | 119.7 | 136.7 | 154.4 | 139.4 | 66.3  |
| 80°   | 37.0   | 28.4   | 43.4  | 52.1  | 99.7  | 62.3  | 77.1  | 100.8 | 113.4 | 101.4 | 40.4  |
| 82.5° | 4.7    | 12.7   | 18.7  | 20.3  | 58.0  | 33.0  | 44.7  | 63.3  | 62.3  | 54.0  | 20.3  |
| 85°   | 0.0    | 2.4    | 2.7   | 1.3   | 25.0  | 12.0  | 14.7  | 20.7  | 19.4  | 14.7  | 1.6   |
| 87.5° | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.7   | 0.0   | 0.0   |
| 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°    | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 |
| 2.5°  | 583.9 | 571.9 | 565.9 | 561.0 | 565.6 | 568.3 | 568.3 | 579.6 | 586.3 | 589.0 | 607.6 |
| 5°    | 514.6 | 492.2 | 477.2 | 468.2 | 471.2 | 474.6 | 478.3 | 492.6 | 502.2 | 508.6 | 537.6 |
| 7.5°  | 459.9 | 425.9 | 404.9 | 393.9 | 395.5 | 397.9 | 400.9 | 414.9 | 424.6 | 432.9 | 465.2 |
| 10°   | 432.9 | 384.9 | 357.2 | 343.9 | 341.5 | 340.2 | 339.2 | 347.5 | 354.9 | 361.5 | 393.5 |
| 12.5° | 434.2 | 367.2 | 333.5 | 317.1 | 310.2 | 302.2 | 295.8 | 297.1 | 301.9 | 310.2 | 330.5 |
| 15°   | 451.2 | 361.5 | 321.1 | 300.8 | 289.2 | 279.8 | 272.1 | 270.5 | 272.1 | 273.5 | 286.2 |
| 17.5° | 474.3 | 360.8 | 310.5 | 285.2 | 273.2 | 265.5 | 258.5 | 256.1 | 256.5 | 258.1 | 261.5 |
| 20°   | 492.6 | 358.9 | 298.5 | 270.1 | 259.4 | 252.8 | 245.8 | 243.4 | 244.2 | 244.5 | 248.2 |
| 22.5° | 502.2 | 355.9 | 285.2 | 255.1 | 246.1 | 239.4 | 233.1 | 232.8 | 232.8 | 234.8 | 237.5 |
| 25°   | 502.2 | 349.5 | 273.2 | 240.8 | 232.8 | 226.7 | 219.1 | 220.5 | 221.1 | 223.8 | 227.8 |
| 27.5° | 490.3 | 337.5 | 263.4 | 228.5 | 220.1 | 214.1 | 207.2 | 208.8 | 209.8 | 212.8 | 217.8 |
| 30°   | 474.9 | 323.2 | 252.5 | 216.8 | 207.2 | 202.7 | 196.8 | 197.4 | 198.7 | 202.1 | 207.8 |
| 32.5° | 458.6 | 306.2 | 243.4 | 205.1 | 195.5 | 192.1 | 185.4 | 186.4 | 187.8 | 191.5 | 197.7 |
| 35°   | 440.5 | 286.2 | 232.8 | 194.4 | 184.8 | 182.0 | 174.5 | 175.1 | 177.1 | 181.1 | 187.5 |
| 37.5° | 421.6 | 269.8 | 222.1 | 184.1 | 174.0 | 171.4 | 163.4 | 164.1 | 166.5 | 171.1 | 177.1 |
| 40°   | 402.8 | 253.8 | 210.7 | 173.1 | 163.1 | 160.7 | 152.1 | 152.7 | 155.4 | 160.4 | 166.8 |
| 42.5° | 382.5 | 241.5 | 196.1 | 161.7 | 151.1 | 148.7 | 140.7 | 141.8 | 144.7 | 149.8 | 156.1 |
| 45°   | 358.1 | 233.5 | 179.8 | 151.1 | 139.1 | 136.7 | 129.4 | 131.4 | 134.7 | 139.7 | 146.4 |
| 47.5° | 333.1 | 230.1 | 166.0 | 139.7 | 126.7 | 124.7 | 118.7 | 122.1 | 125.8 | 129.8 | 137.0 |
| 50°   | 309.1 | 225.8 | 152.1 | 129.0 | 116.0 | 114.1 | 110.1 | 114.4 | 118.1 | 121.8 | 128.7 |
| 52.5° | 281.8 | 216.5 | 139.4 | 119.7 | 107.0 | 106.4 | 104.3 | 108.3 | 111.7 | 115.1 | 121.1 |
| 55°   | 253.5 | 201.4 | 128.4 | 111.4 | 99.4  | 100.0 | 99.0  | 102.4 | 105.1 | 108.0 | 113.4 |
| 57.5° | 228.8 | 182.4 | 119.7 | 102.4 | 92.8  | 94.7  | 93.4  | 95.0  | 96.8  | 100.3 | 104.8 |
| 60°   | 203.8 | 159.8 | 110.1 | 91.7  | 86.0  | 88.4  | 84.7  | 84.4  | 85.1  | 86.0  | 94.1  |
| 62.5° | 170.0 | 136.0 | 98.1  | 82.4  | 78.7  | 79.7  | 72.7  | 67.3  | 67.3  | 68.4  | 80.4  |
| 65°   | 136.7 | 114.1 | 84.7  | 71.8  | 68.7  | 68.1  | 58.0  | 50.7  | 50.0  | 53.0  | 63.3  |
| 67.5° | 112.3 | 94.7  | 71.3  | 59.7  | 57.7  | 58.3  | 51.0  | 43.7  | 43.0  | 46.3  | 54.0  |
| 70°   | 93.1  | 76.4  | 57.0  | 46.0  | 48.1  | 51.0  | 43.7  | 36.7  | 35.7  | 38.6  | 46.0  |
| 72.5° | 74.0  | 59.7  | 43.7  | 34.0  | 39.7  | 43.4  | 35.7  | 29.0  | 28.4  | 31.1  | 38.0  |
| 75°   | 54.3  | 42.6  | 29.7  | 24.7  | 30.6  | 34.0  | 26.0  | 20.7  | 19.7  | 22.0  | 29.0  |
| 77.5° | 33.7  | 24.0  | 18.7  | 14.7  | 21.0  | 22.7  | 13.6  | 12.0  | 11.7  | 13.3  | 18.3  |
| 80°   | 15.7  | 10.4  | 9.0   | 5.0   | 7.7   | 9.0   | 5.6   | 6.4   | 6.7   | 8.0   | 11.4  |
| 82.5° | 4.3   | 1.6   | 0.3   | 0.0   | 0.0   | 2.7   | 1.3   | 2.7   | 3.4   | 5.0   | 7.4   |
| 85°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.7   | 1.6   | 3.0   | 5.3   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.3   | 2.7   |
| 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):**

|       | 295°  | 305°  | 315°  | 325°  | 335°  | 345°  | 355°   | 360°   |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°    | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3 | 670.3  | 670.3  |
| 2.5°  | 621.7 | 635.0 | 656.3 | 678.3 | 700.0 | 722.0 | 743.3  | 751.0  |
| 5°    | 564.0 | 594.6 | 636.9 | 682.3 | 729.0 | 776.4 | 819.7  | 839.4  |
| 7.5°  | 499.6 | 543.6 | 607.3 | 678.3 | 752.7 | 827.1 | 895.4  | 927.1  |
| 10°   | 430.9 | 486.6 | 559.2 | 655.3 | 762.1 | 864.8 | 958.8  | 999.8  |
| 12.5° | 365.5 | 423.8 | 504.3 | 619.3 | 754.7 | 886.4 | 999.5  | 1047.9 |
| 15°   | 310.8 | 362.5 | 449.3 | 576.7 | 731.0 | 887.8 | 1018.8 | 1071.8 |
| 17.5° | 269.8 | 303.5 | 393.2 | 529.3 | 700.0 | 875.5 | 1025.5 | 1082.2 |
| 20°   | 249.5 | 258.8 | 320.5 | 468.5 | 671.0 | 863.8 | 1032.2 | 1091.8 |
| 22.5° | 237.5 | 239.7 | 262.1 | 390.2 | 636.3 | 860.1 | 1043.9 | 1105.3 |
| 25°   | 227.8 | 228.5 | 234.4 | 309.1 | 583.3 | 857.7 | 1061.9 | 1123.6 |
| 27.5° | 218.1 | 218.1 | 221.4 | 249.1 | 511.3 | 847.8 | 1085.2 | 1145.5 |
| 30°   | 208.5 | 208.5 | 210.7 | 220.5 | 426.9 | 828.1 | 1113.3 | 1174.2 |
| 32.5° | 198.4 | 198.4 | 200.4 | 207.5 | 340.8 | 803.4 | 1138.9 | 1203.2 |
| 35°   | 188.4 | 187.8 | 190.4 | 197.7 | 271.1 | 772.0 | 1164.6 | 1234.6 |
| 37.5° | 177.7 | 177.4 | 180.1 | 188.4 | 234.1 | 735.7 | 1183.9 | 1277.3 |
| 40°   | 166.5 | 166.5 | 169.4 | 178.5 | 223.4 | 690.0 | 1214.6 | 1338.6 |
| 42.5° | 156.1 | 155.4 | 158.8 | 169.7 | 215.5 | 646.4 | 1269.7 | 1428.0 |
| 45°   | 146.1 | 144.7 | 147.7 | 161.4 | 201.4 | 631.0 | 1372.4 | 1560.2 |
| 47.5° | 136.7 | 133.4 | 136.0 | 151.4 | 188.8 | 688.4 | 1540.5 | 1743.2 |
| 50°   | 129.0 | 122.7 | 125.0 | 141.4 | 179.1 | 812.7 | 1758.6 | 1986.3 |
| 52.5° | 121.1 | 112.7 | 114.1 | 129.0 | 170.5 | 931.1 | 1995.0 | 2307.2 |
| 55°   | 112.7 | 103.4 | 104.0 | 116.7 | 158.1 | 948.8 | 2225.8 | 2744.7 |
| 57.5° | 103.4 | 94.7  | 94.7  | 105.4 | 149.0 | 822.5 | 2403.2 | 3287.7 |
| 60°   | 93.1  | 87.3  | 85.7  | 96.4  | 157.0 | 580.3 | 2423.9 | 3637.8 |
| 62.5° | 81.7  | 78.7  | 76.4  | 87.7  | 163.1 | 343.9 | 2257.5 | 3553.1 |
| 65°   | 68.7  | 68.1  | 66.3  | 96.4  | 137.5 | 203.1 | 1938.0 | 3293.3 |
| 67.5° | 57.7  | 56.7  | 56.7  | 101.1 | 104.3 | 127.7 | 1514.1 | 2935.8 |
| 70°   | 49.7  | 46.0  | 46.0  | 76.4  | 63.3  | 88.4  | 1057.2 | 2549.9 |
| 72.5° | 41.7  | 37.7  | 35.1  | 61.0  | 47.4  | 64.7  | 660.6  | 2183.8 |
| 75°   | 33.3  | 30.3  | 27.1  | 40.4  | 35.4  | 49.0  | 383.9  | 1809.2 |
| 77.5° | 24.0  | 22.7  | 19.0  | 29.7  | 25.7  | 35.4  | 228.5  | 1396.0 |
| 80°   | 12.3  | 12.7  | 12.0  | 17.0  | 17.3  | 24.0  | 130.1  | 955.5  |
| 82.5° | 7.4   | 5.6   | 6.4   | 8.3   | 10.0  | 13.6  | 49.0   | 561.6  |
| 85°   | 4.7   | 3.0   | 3.0   | 4.0   | 5.0   | 5.3   | 15.0   | 227.8  |
| 87.5° | 2.4   | 1.0   | 1.3   | 2.0   | 1.6   | 1.3   | 0.7    | 57.4   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    |

(END OF REPORT)