

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: P959325

Luminaire Tested: **NVN-SB1A-740-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959325
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-SB1A-740-U-SLR-HSS
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 4000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3713.6 lumens
Efficiency: N/A
Efficacy: 120.2 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

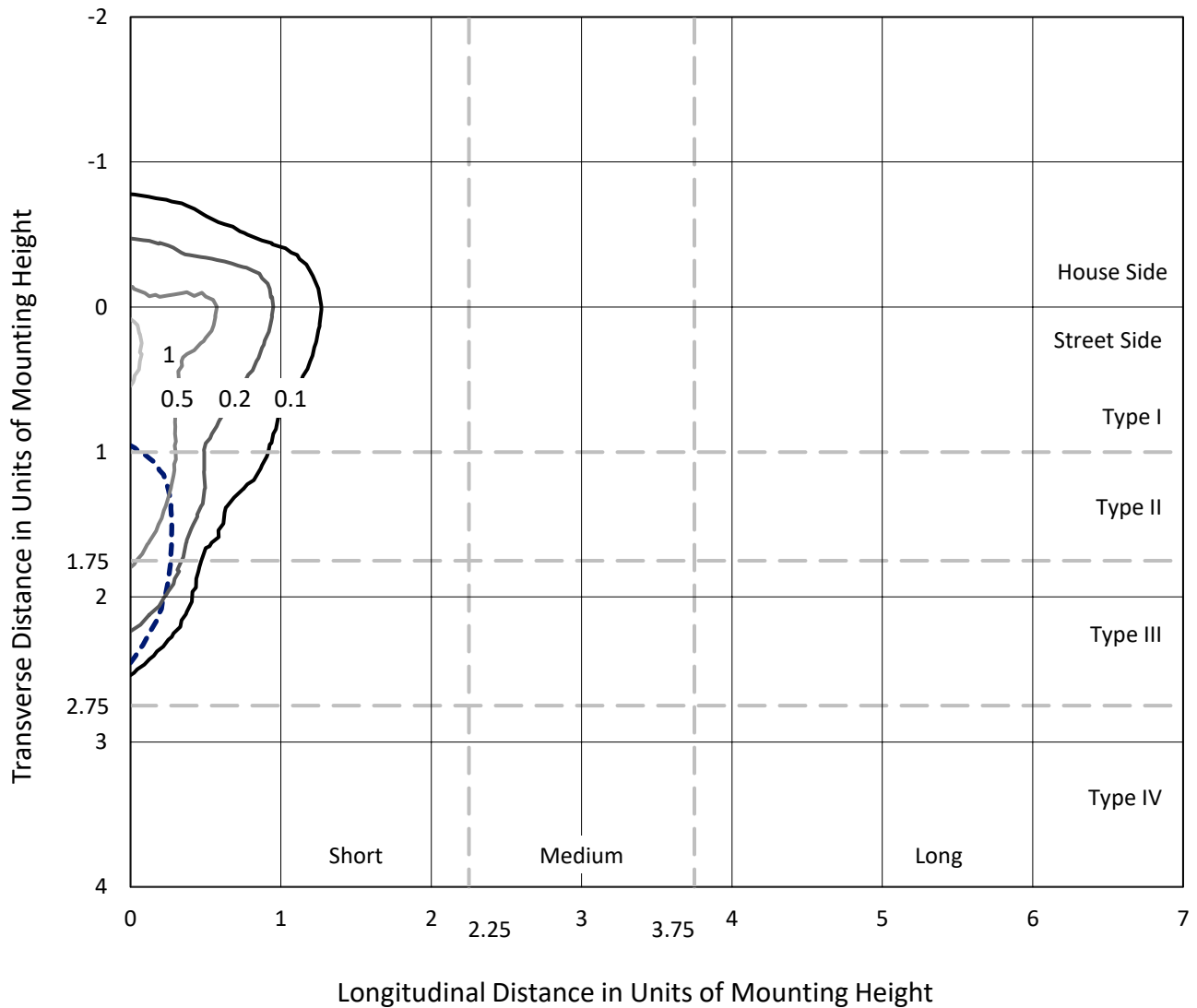
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

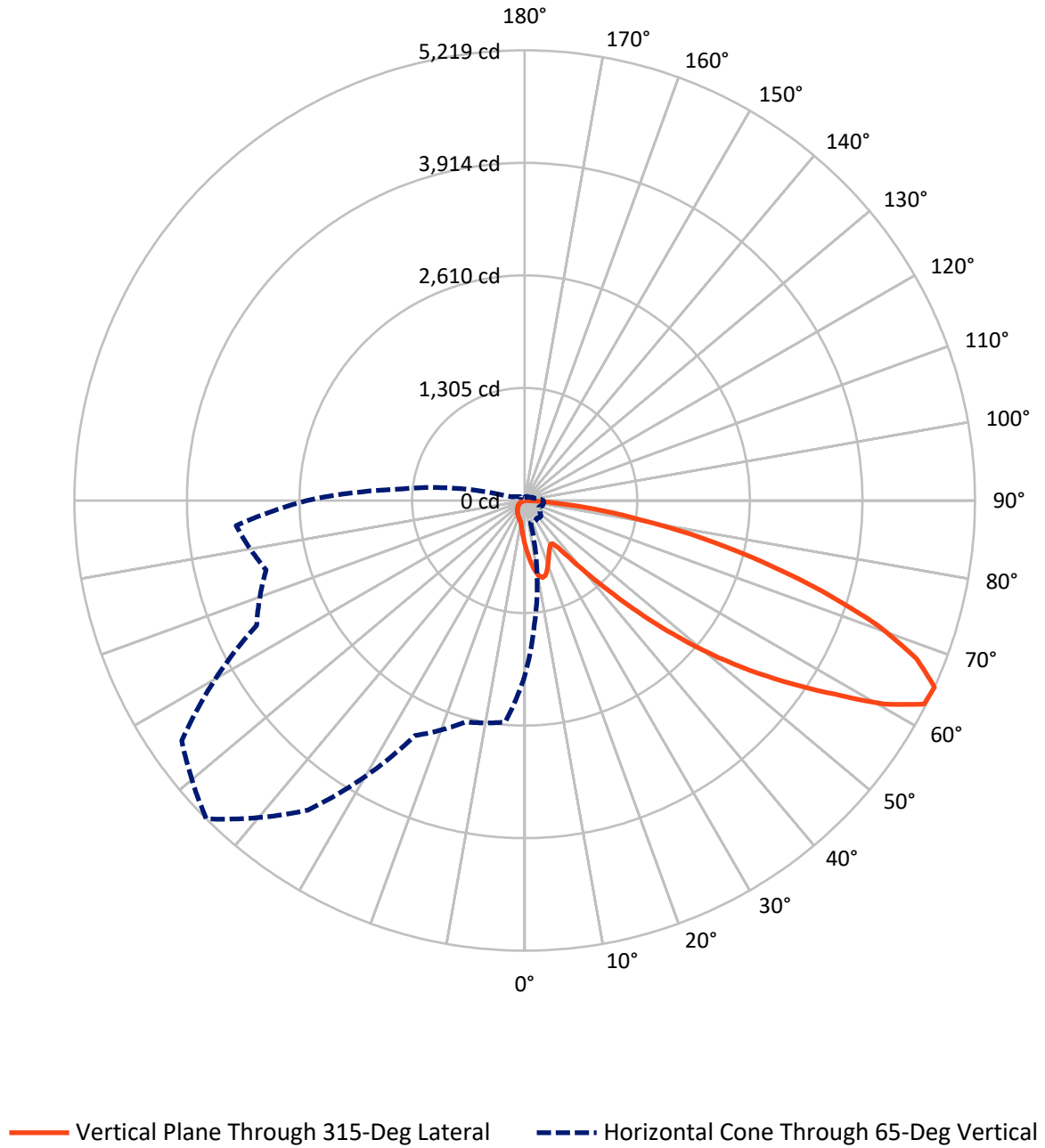
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type IV - Short - N/A

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CATALOG NUMBER: NVN-SB1A-740-U-SLR-HSS

Luminous Intensity Polar Plot



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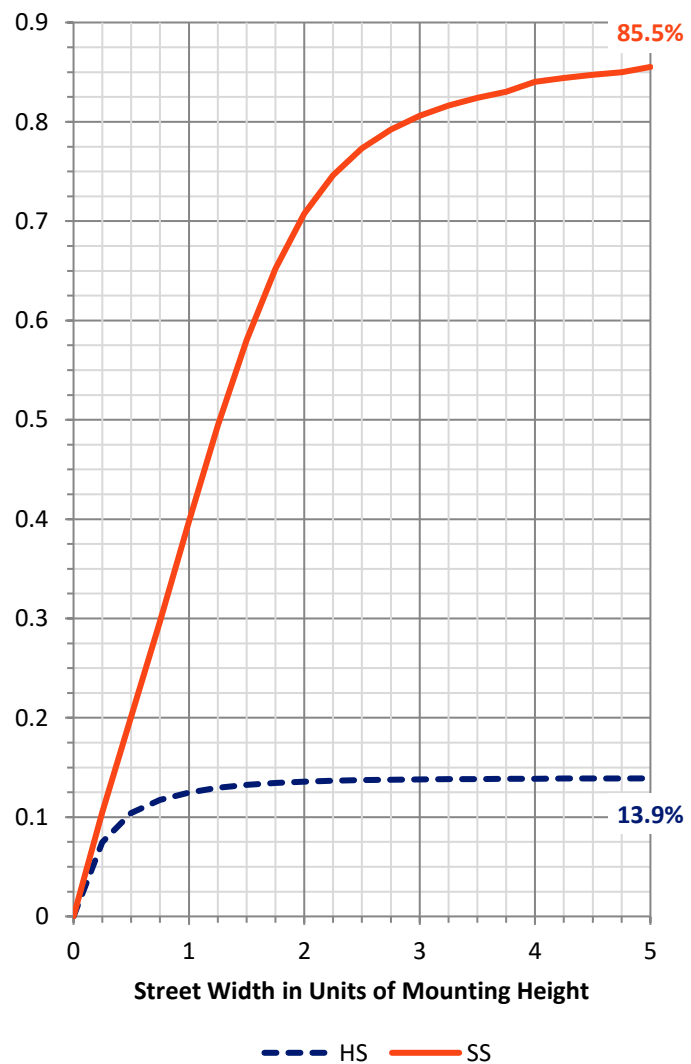
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 520.1 | 0.0 | 520.1 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 3193.5 | 0.0 | 3193.5 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 3713.6 | 0.0 | 3713.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.6 | 1.4 |
| 10°-20° | 151.8 | 4.1 |
| 20°-30° | 223.6 | 6.0 |
| 30°-40° | 287.2 | 7.7 |
| 40°-50° | 464.5 | 12.5 |
| 50°-60° | 814.6 | 21.9 |
| 60°-70° | 1019.3 | 27.4 |
| 70°-80° | 595.6 | 16.0 |
| 80°-90° | 106.3 | 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° | 3713.6 | 100.0 |
| 0°-180° | 3713.6 | 100.0 |

Coefficient of Utilization



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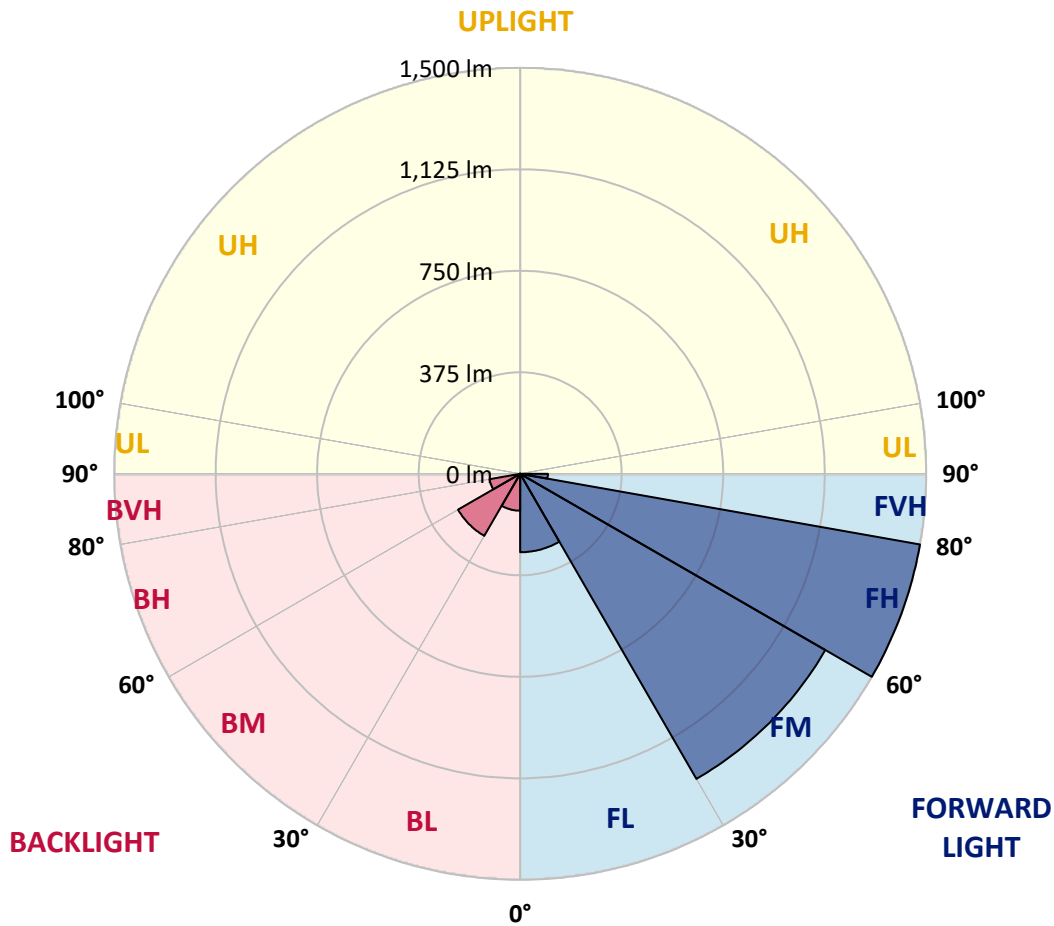
CATALOG NUMBER: NVN-SB1A-740-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 289.6 | 7.8 | | | |
| FM (30°-60°) | 1301.6 | 35.0 | | | |
| FH (60°-80°) | 1500.1 | 40.4 | | | G1/1800 |
| FVH (80°-90°) | 102.2 | 2.8 | | | G2/225 |
| BL (0°-30°) | 136.3 | 3.7 | B1/500 | | |
| BM (30°-60°) | 264.8 | 7.1 | B1/1000 | | |
| BH (60°-80°) | 114.8 | 3.1 | B1/500 | | G1/500 |
| BVH (80°-90°) | 4.1 | 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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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 |
| 2.5° | 581.0 | 571.0 | 565.1 | 550.5 | 536.0 | 524.2 | 508.3 | 497.8 | 485.3 | 473.2 | 462.6 |
| 5° | 647.5 | 631.4 | 611.9 | 585.4 | 561.0 | 536.2 | 512.2 | 488.4 | 463.3 | 440.2 | 426.2 |
| 7.5° | 703.8 | 680.5 | 646.3 | 610.9 | 579.9 | 550.0 | 521.9 | 490.5 | 460.0 | 423.9 | 404.7 |
| 10° | 746.7 | 717.1 | 672.1 | 625.8 | 590.2 | 560.0 | 532.6 | 506.0 | 475.3 | 431.8 | 407.7 |
| 12.5° | 772.8 | 741.2 | 687.7 | 633.4 | 592.8 | 558.9 | 537.7 | 526.0 | 513.9 | 470.7 | 442.6 |
| 15° | 792.0 | 757.8 | 698.6 | 638.8 | 586.9 | 545.4 | 529.8 | 541.6 | 555.4 | 527.8 | 495.3 |
| 17.5° | 812.0 | 775.9 | 713.0 | 641.1 | 571.0 | 519.1 | 512.4 | 542.8 | 574.8 | 573.6 | 541.3 |
| 20° | 831.0 | 795.1 | 725.5 | 639.6 | 545.4 | 487.1 | 493.0 | 531.9 | 569.0 | 584.6 | 567.1 |
| 22.5° | 852.7 | 814.8 | 737.6 | 633.7 | 512.2 | 457.2 | 475.6 | 514.4 | 546.9 | 565.4 | 560.0 |
| 25° | 879.2 | 839.6 | 754.4 | 624.9 | 476.3 | 432.3 | 458.0 | 494.3 | 520.6 | 533.4 | 533.1 |
| 27.5° | 907.9 | 869.3 | 776.9 | 620.3 | 447.4 | 414.7 | 438.0 | 470.2 | 493.7 | 502.7 | 502.7 |
| 30° | 943.5 | 903.8 | 803.6 | 615.3 | 428.6 | 404.5 | 417.3 | 442.3 | 465.4 | 474.3 | 474.3 |
| 32.5° | 982.4 | 942.2 | 829.1 | 603.0 | 417.0 | 396.8 | 397.1 | 412.9 | 433.9 | 444.6 | 446.2 |
| 35° | 1030.9 | 988.3 | 856.5 | 576.2 | 407.7 | 387.9 | 377.3 | 385.0 | 402.4 | 415.2 | 418.5 |
| 37.5° | 1100.3 | 1048.7 | 890.0 | 537.7 | 394.2 | 374.0 | 356.6 | 358.4 | 371.7 | 385.8 | 390.9 |
| 40° | 1196.0 | 1129.8 | 929.4 | 497.8 | 374.7 | 354.5 | 333.8 | 333.1 | 342.8 | 356.6 | 362.2 |
| 42.5° | 1325.4 | 1237.0 | 976.7 | 459.7 | 356.1 | 331.1 | 309.8 | 308.5 | 316.2 | 328.2 | 334.2 |
| 45° | 1496.3 | 1374.0 | 1034.8 | 427.0 | 341.5 | 308.0 | 287.0 | 286.5 | 292.9 | 303.4 | 309.5 |
| 47.5° | 1715.0 | 1564.7 | 1092.9 | 404.7 | 333.8 | 289.9 | 268.3 | 269.4 | 275.0 | 284.4 | 288.8 |
| 50° | 1998.2 | 1813.0 | 1110.6 | 393.5 | 333.8 | 280.1 | 251.7 | 256.9 | 261.5 | 268.7 | 271.2 |
| 52.5° | 2337.7 | 2051.4 | 1052.3 | 383.2 | 335.9 | 281.4 | 237.7 | 248.7 | 251.9 | 258.1 | 259.1 |
| 55° | 2652.4 | 2168.4 | 904.6 | 369.2 | 336.4 | 289.4 | 225.6 | 242.0 | 248.2 | 250.4 | 250.2 |
| 57.5° | 2835.0 | 2128.2 | 731.4 | 345.3 | 334.4 | 294.7 | 217.9 | 233.8 | 245.6 | 247.1 | 244.9 |
| 60° | 2800.3 | 1987.3 | 538.5 | 327.2 | 319.3 | 292.6 | 215.7 | 221.3 | 240.0 | 242.3 | 239.2 |
| 62.5° | 2532.2 | 1750.9 | 373.7 | 313.1 | 286.0 | 283.7 | 214.9 | 201.6 | 227.7 | 233.3 | 229.0 |
| 65° | 2035.3 | 1378.4 | 264.0 | 269.7 | 250.7 | 264.2 | 210.8 | 181.1 | 212.9 | 220.5 | 213.9 |
| 67.5° | 1476.6 | 932.7 | 190.5 | 218.4 | 227.1 | 232.8 | 201.6 | 166.3 | 196.0 | 206.2 | 197.5 |
| 70° | 947.6 | 503.7 | 133.8 | 144.3 | 191.4 | 197.7 | 185.7 | 153.0 | 178.9 | 190.5 | 181.1 |
| 72.5° | 673.6 | 297.6 | 96.1 | 101.1 | 153.8 | 164.7 | 163.5 | 138.2 | 158.9 | 173.2 | 162.0 |
| 75° | 464.8 | 164.0 | 65.0 | 72.2 | 111.5 | 133.8 | 126.1 | 118.7 | 134.6 | 149.1 | 138.2 |
| 77.5° | 291.4 | 73.4 | 38.8 | 50.1 | 73.2 | 105.2 | 86.5 | 91.8 | 104.9 | 118.5 | 106.9 |
| 80° | 162.2 | 28.4 | 21.7 | 33.2 | 39.9 | 76.5 | 47.9 | 59.1 | 77.3 | 87.0 | 77.8 |
| 82.5° | 35.3 | 3.6 | 9.7 | 14.3 | 15.6 | 44.5 | 25.3 | 34.2 | 48.6 | 47.9 | 41.4 |
| 85° | 0.0 | 0.0 | 1.7 | 2.0 | 1.0 | 19.2 | 9.2 | 11.3 | 15.9 | 14.9 | 11.3 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 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° | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 |
| 2.5° | 460.5 | 447.9 | 438.7 | 434.1 | 430.3 | 433.9 | 435.9 | 435.9 | 444.6 | 449.8 | 451.8 |
| 5° | 417.3 | 394.7 | 377.6 | 366.1 | 359.2 | 361.5 | 364.1 | 366.8 | 377.8 | 385.3 | 390.1 |
| 7.5° | 387.3 | 352.8 | 326.7 | 310.6 | 302.2 | 303.4 | 305.2 | 307.5 | 318.3 | 325.6 | 332.1 |
| 10° | 381.7 | 332.1 | 295.2 | 274.0 | 263.7 | 262.0 | 261.0 | 260.1 | 266.6 | 272.2 | 277.4 |
| 12.5° | 404.7 | 333.1 | 281.7 | 255.8 | 243.3 | 237.9 | 231.8 | 226.9 | 228.0 | 231.5 | 237.9 |
| 15° | 445.9 | 346.1 | 277.4 | 246.4 | 230.7 | 221.8 | 214.6 | 208.8 | 207.5 | 208.8 | 209.8 |
| 17.5° | 493.0 | 363.8 | 276.9 | 238.2 | 218.7 | 209.5 | 203.7 | 198.2 | 196.5 | 196.7 | 198.0 |
| 20° | 524.2 | 377.8 | 275.3 | 229.0 | 207.3 | 199.1 | 193.9 | 188.5 | 186.8 | 187.3 | 187.5 |
| 22.5° | 527.3 | 385.3 | 273.0 | 218.7 | 195.7 | 188.8 | 183.7 | 178.9 | 178.6 | 178.6 | 180.1 |
| 25° | 510.7 | 385.3 | 268.1 | 209.5 | 184.7 | 178.6 | 173.9 | 168.1 | 169.1 | 169.6 | 171.7 |
| 27.5° | 484.8 | 376.1 | 258.9 | 202.1 | 175.3 | 168.8 | 164.2 | 158.9 | 160.1 | 160.9 | 163.2 |
| 30° | 459.2 | 364.3 | 247.8 | 193.6 | 166.3 | 158.9 | 155.5 | 151.0 | 151.5 | 152.5 | 155.0 |
| 32.5° | 435.4 | 351.8 | 234.8 | 186.8 | 157.3 | 150.0 | 147.4 | 142.3 | 143.0 | 144.0 | 146.9 |
| 35° | 411.8 | 337.9 | 219.5 | 178.6 | 149.1 | 141.8 | 139.7 | 133.8 | 134.3 | 135.8 | 138.9 |
| 37.5° | 386.5 | 323.4 | 206.9 | 170.4 | 141.2 | 133.6 | 131.5 | 125.4 | 125.9 | 127.6 | 131.2 |
| 40° | 360.0 | 309.0 | 194.6 | 161.6 | 132.7 | 125.0 | 123.3 | 116.6 | 117.2 | 119.2 | 123.1 |
| 42.5° | 333.1 | 293.5 | 185.2 | 150.5 | 124.0 | 115.9 | 114.1 | 107.9 | 108.8 | 111.0 | 114.9 |
| 45° | 308.3 | 274.8 | 179.1 | 137.9 | 115.9 | 106.7 | 104.9 | 99.2 | 100.8 | 103.3 | 107.2 |
| 47.5° | 287.0 | 255.5 | 176.5 | 127.4 | 107.2 | 97.2 | 95.6 | 91.1 | 93.6 | 96.5 | 99.5 |
| 50° | 268.9 | 237.2 | 173.2 | 116.6 | 99.0 | 89.1 | 87.5 | 84.5 | 87.7 | 90.6 | 93.4 |
| 52.5° | 255.8 | 216.2 | 166.0 | 106.9 | 91.8 | 82.1 | 81.6 | 80.1 | 83.1 | 85.7 | 88.3 |
| 55° | 244.6 | 194.4 | 154.6 | 98.5 | 85.5 | 76.3 | 76.8 | 76.0 | 78.5 | 80.6 | 82.9 |
| 57.5° | 234.3 | 175.5 | 139.9 | 91.8 | 78.5 | 71.1 | 72.7 | 71.6 | 72.9 | 74.2 | 77.0 |
| 60° | 222.0 | 156.3 | 122.6 | 84.5 | 70.3 | 66.0 | 67.8 | 65.0 | 64.7 | 65.2 | 66.0 |
| 62.5° | 203.9 | 130.5 | 104.3 | 75.2 | 63.1 | 60.4 | 61.2 | 55.8 | 51.7 | 51.7 | 52.5 |
| 65° | 178.6 | 104.9 | 87.5 | 65.0 | 55.0 | 52.7 | 52.2 | 44.5 | 38.8 | 38.3 | 40.7 |
| 67.5° | 149.1 | 86.2 | 72.7 | 54.7 | 45.8 | 44.3 | 44.8 | 39.2 | 33.5 | 33.0 | 35.6 |
| 70° | 121.6 | 71.3 | 58.6 | 43.8 | 35.3 | 36.8 | 39.2 | 33.5 | 28.2 | 27.4 | 29.7 |
| 72.5° | 98.7 | 56.8 | 45.8 | 33.5 | 26.1 | 30.4 | 33.2 | 27.4 | 22.2 | 21.7 | 23.8 |
| 75° | 76.3 | 41.7 | 32.7 | 22.8 | 19.0 | 23.6 | 26.1 | 20.0 | 15.9 | 15.1 | 16.9 |
| 77.5° | 50.9 | 25.8 | 18.4 | 14.3 | 11.3 | 16.1 | 17.4 | 10.5 | 9.2 | 8.9 | 10.2 |
| 80° | 31.0 | 12.0 | 7.9 | 6.9 | 3.8 | 5.8 | 6.9 | 4.3 | 4.8 | 5.1 | 6.1 |
| 82.5° | 15.6 | 3.3 | 1.2 | 0.2 | 0.0 | 0.0 | 2.0 | 1.0 | 2.0 | 2.6 | 3.8 |
| 85° | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.2 | 2.3 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 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° | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 | 514.2 |
| 2.5° | 466.1 | 476.8 | 487.1 | 503.5 | 520.4 | 537.0 | 553.9 | 570.2 | 576.2 | 580.5 | 590.2 |
| 5° | 412.4 | 432.7 | 456.1 | 488.6 | 523.5 | 559.2 | 595.5 | 628.8 | 643.9 | 654.2 | 677.2 |
| 7.5° | 356.9 | 383.2 | 417.0 | 465.9 | 520.4 | 577.4 | 634.5 | 686.9 | 711.2 | 730.9 | 766.0 |
| 10° | 301.9 | 330.6 | 373.2 | 429.1 | 502.7 | 584.6 | 663.4 | 735.5 | 767.0 | 791.8 | 839.4 |
| 12.5° | 253.5 | 280.3 | 325.1 | 386.8 | 475.1 | 578.9 | 680.0 | 766.7 | 803.8 | 831.7 | 883.9 |
| 15° | 219.5 | 238.4 | 278.1 | 344.6 | 442.3 | 560.8 | 681.0 | 781.6 | 822.3 | 851.4 | 896.7 |
| 17.5° | 200.6 | 206.9 | 232.8 | 301.7 | 406.0 | 537.0 | 671.6 | 786.7 | 830.1 | 857.3 | 888.8 |
| 20° | 190.3 | 191.4 | 198.5 | 245.9 | 359.5 | 514.8 | 662.6 | 791.8 | 837.5 | 860.4 | 869.8 |
| 22.5° | 182.1 | 182.1 | 184.0 | 201.1 | 299.3 | 488.1 | 659.8 | 800.7 | 847.8 | 861.9 | 842.4 |
| 25° | 174.8 | 174.8 | 175.3 | 179.9 | 237.2 | 447.4 | 657.9 | 814.6 | 861.9 | 865.7 | 812.2 |
| 27.5° | 167.1 | 167.3 | 167.3 | 169.8 | 191.1 | 392.2 | 650.3 | 832.5 | 878.7 | 870.8 | 783.3 |
| 30° | 159.4 | 159.9 | 159.9 | 161.6 | 169.1 | 327.5 | 635.2 | 853.9 | 900.8 | 877.5 | 754.7 |
| 32.5° | 151.7 | 152.2 | 152.2 | 153.8 | 159.1 | 261.5 | 616.3 | 873.6 | 923.0 | 880.3 | 728.1 |
| 35° | 143.8 | 144.5 | 144.0 | 146.1 | 151.7 | 208.0 | 592.2 | 893.4 | 947.1 | 889.3 | 715.0 |
| 37.5° | 135.8 | 136.3 | 136.1 | 138.2 | 144.5 | 179.6 | 564.4 | 908.2 | 979.8 | 909.2 | 730.6 |
| 40° | 127.9 | 127.6 | 127.6 | 130.0 | 136.8 | 171.4 | 529.3 | 931.7 | 1026.8 | 944.2 | 798.7 |
| 42.5° | 119.7 | 119.7 | 119.2 | 121.8 | 130.2 | 165.2 | 495.8 | 974.0 | 1095.4 | 1000.0 | 919.4 |
| 45° | 112.3 | 112.0 | 111.0 | 113.4 | 123.8 | 154.6 | 484.0 | 1052.7 | 1196.8 | 1090.3 | 1065.5 |
| 47.5° | 105.2 | 104.9 | 102.3 | 104.3 | 116.1 | 144.8 | 528.0 | 1181.6 | 1337.2 | 1223.1 | 1202.4 |
| 50° | 98.7 | 99.0 | 94.1 | 95.9 | 108.4 | 137.4 | 623.4 | 1349.0 | 1523.7 | 1401.9 | 1332.1 |
| 52.5° | 92.9 | 92.9 | 86.5 | 87.5 | 99.0 | 130.7 | 714.2 | 1530.3 | 1769.8 | 1651.4 | 1483.3 |
| 55° | 87.0 | 86.5 | 79.3 | 79.8 | 89.6 | 121.3 | 727.9 | 1707.3 | 2105.5 | 2026.6 | 1690.0 |
| 57.5° | 80.4 | 79.3 | 72.7 | 72.7 | 80.9 | 114.4 | 630.9 | 1843.5 | 2521.9 | 2578.2 | 1988.0 |
| 60° | 72.2 | 71.3 | 67.0 | 65.7 | 73.9 | 120.5 | 445.2 | 1859.4 | 2790.6 | 3311.7 | 2558.8 |
| 62.5° | 61.7 | 62.6 | 60.4 | 58.6 | 67.2 | 125.0 | 263.7 | 1731.7 | 2725.6 | 3545.0 | 3242.4 |
| 65° | 48.6 | 52.7 | 52.2 | 50.9 | 73.9 | 105.4 | 155.8 | 1486.6 | 2526.3 | 3356.7 | 3102.9 |
| 67.5° | 41.4 | 44.3 | 43.5 | 43.5 | 77.5 | 80.1 | 98.0 | 1161.4 | 2252.0 | 3133.3 | 2771.6 |
| 70° | 35.3 | 38.1 | 35.3 | 35.3 | 58.6 | 48.6 | 67.8 | 811.0 | 1956.0 | 2886.2 | 2554.2 |
| 72.5° | 29.2 | 32.0 | 28.9 | 26.9 | 46.8 | 36.3 | 49.6 | 506.8 | 1675.2 | 2628.9 | 2405.3 |
| 75° | 22.2 | 25.6 | 23.3 | 20.7 | 31.0 | 27.2 | 37.6 | 294.5 | 1387.8 | 2249.3 | 2193.2 |
| 77.5° | 14.0 | 18.4 | 17.4 | 14.6 | 22.8 | 19.7 | 27.2 | 175.3 | 1070.9 | 1757.6 | 1886.5 |
| 80° | 8.7 | 9.4 | 9.7 | 9.2 | 13.0 | 13.3 | 18.4 | 99.7 | 733.0 | 1224.9 | 1473.8 |
| 82.5° | 5.6 | 5.6 | 4.3 | 4.8 | 6.4 | 7.7 | 10.5 | 37.6 | 430.8 | 745.7 | 1025.8 |
| 85° | 4.1 | 3.6 | 2.3 | 2.3 | 3.1 | 3.8 | 4.1 | 11.5 | 174.8 | 294.5 | 401.2 |
| 87.5° | 2.0 | 1.7 | 0.7 | 1.0 | 1.5 | 1.2 | 1.0 | 0.5 | 44.0 | 94.1 | 66.0 |
| 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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| 35° | 645.8 | 647.3 | 671.8 | 683.3 | 704.8 | 846.5 | 1017.9 | 1030.9 |
| 37.5° | 741.2 | 794.4 | 845.2 | 835.8 | 787.4 | 867.3 | 1076.0 | 1100.3 |
| 40° | 903.5 | 1012.8 | 1095.4 | 1059.3 | 937.6 | 930.7 | 1159.7 | 1196.0 |
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| 72.5° | 2617.8 | 3765.5 | 3612.5 | 3278.0 | 2055.0 | 1099.8 | 942.7 | 673.6 |
| 75° | 2279.7 | 3099.1 | 2845.6 | 2723.5 | 1701.5 | 863.2 | 682.0 | 464.8 |
| 77.5° | 1825.6 | 2181.4 | 2113.7 | 2111.1 | 1278.6 | 630.6 | 455.1 | 291.4 |
| 80° | 1287.8 | 1415.7 | 1381.2 | 1590.0 | 857.8 | 457.5 | 274.0 | 162.2 |
| 82.5° | 623.4 | 782.8 | 803.6 | 946.8 | 417.3 | 269.2 | 63.1 | 35.3 |
| 85° | 244.1 | 377.6 | 318.5 | 359.5 | 117.2 | 74.9 | 1.5 | 0.0 |
| 87.5° | 27.4 | 43.8 | 40.2 | 31.7 | 14.3 | 3.1 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)