

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722906

Luminaire Tested: **IFLD-L-SA8C-735-U-11**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P722906
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-735-U-11
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

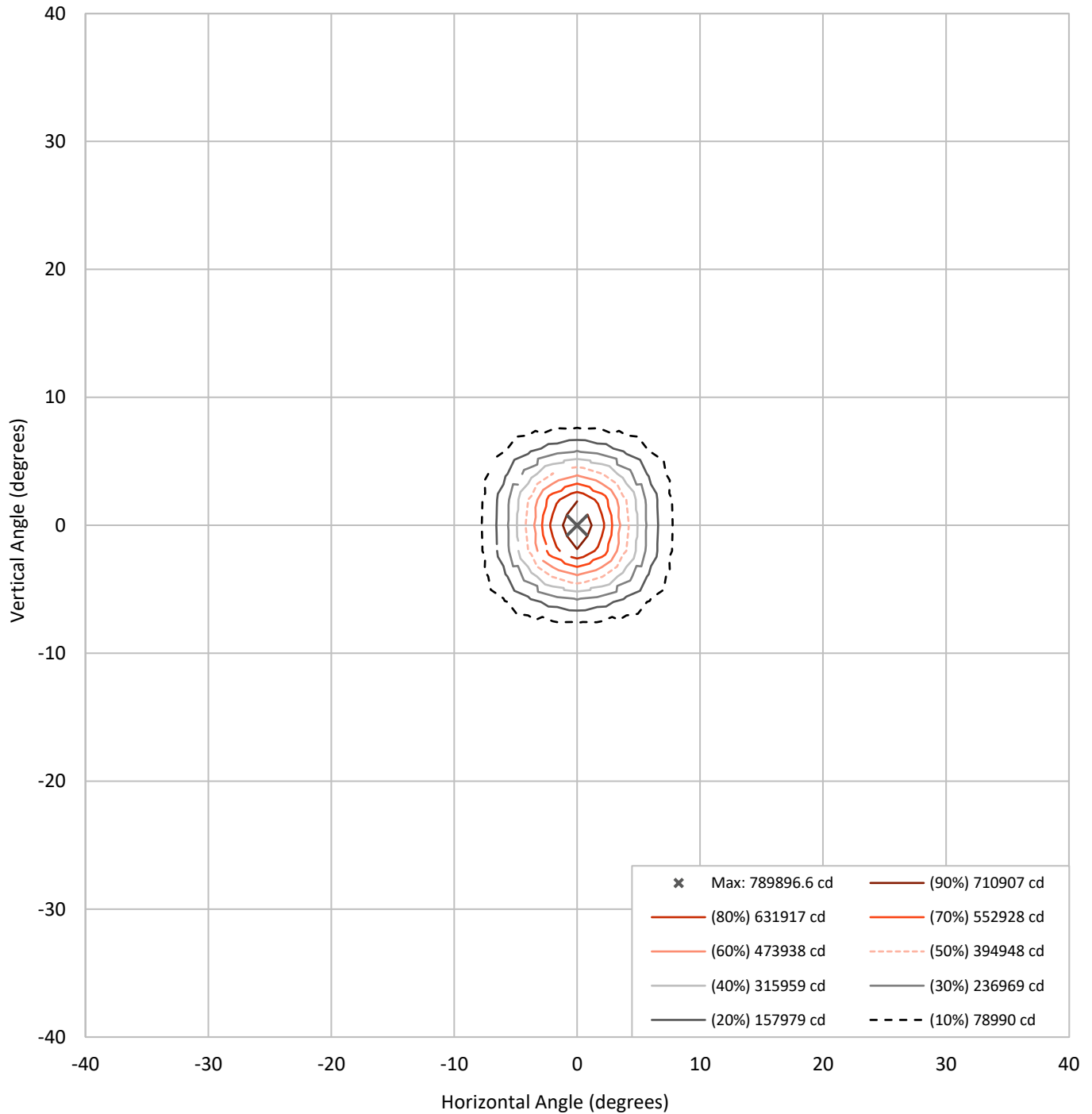
| | |
|--|------------------------------------|
| Lumens per Lamp: N/A | NEMA Type: 1H x 1V |
| Luminaire Lumens: 26354.8 lumens | Max Intensity: 789896.6 candela |
| Efficiency: N/A | Max Intensity Angle: 0°H x 0°V |
| Efficacy: 62.7 lumens/watt | |
| Luminous Opening: Rectangular (W 2' x L: 1' x H: 0') | |
| Beam Angle (50%): 8.3°H x 8.9°V | Field Angle (10%): 14.9°H x 14.6°V |
| Beam Lumens: 8879 lumens | Field Lumens: 14024.9 lumens |
| Beam Efficiency: 33.7% | Field Efficiency: 53.2% |

Input Watts (W): 420.3
Input Voltage (V): 120
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-Candela Plot





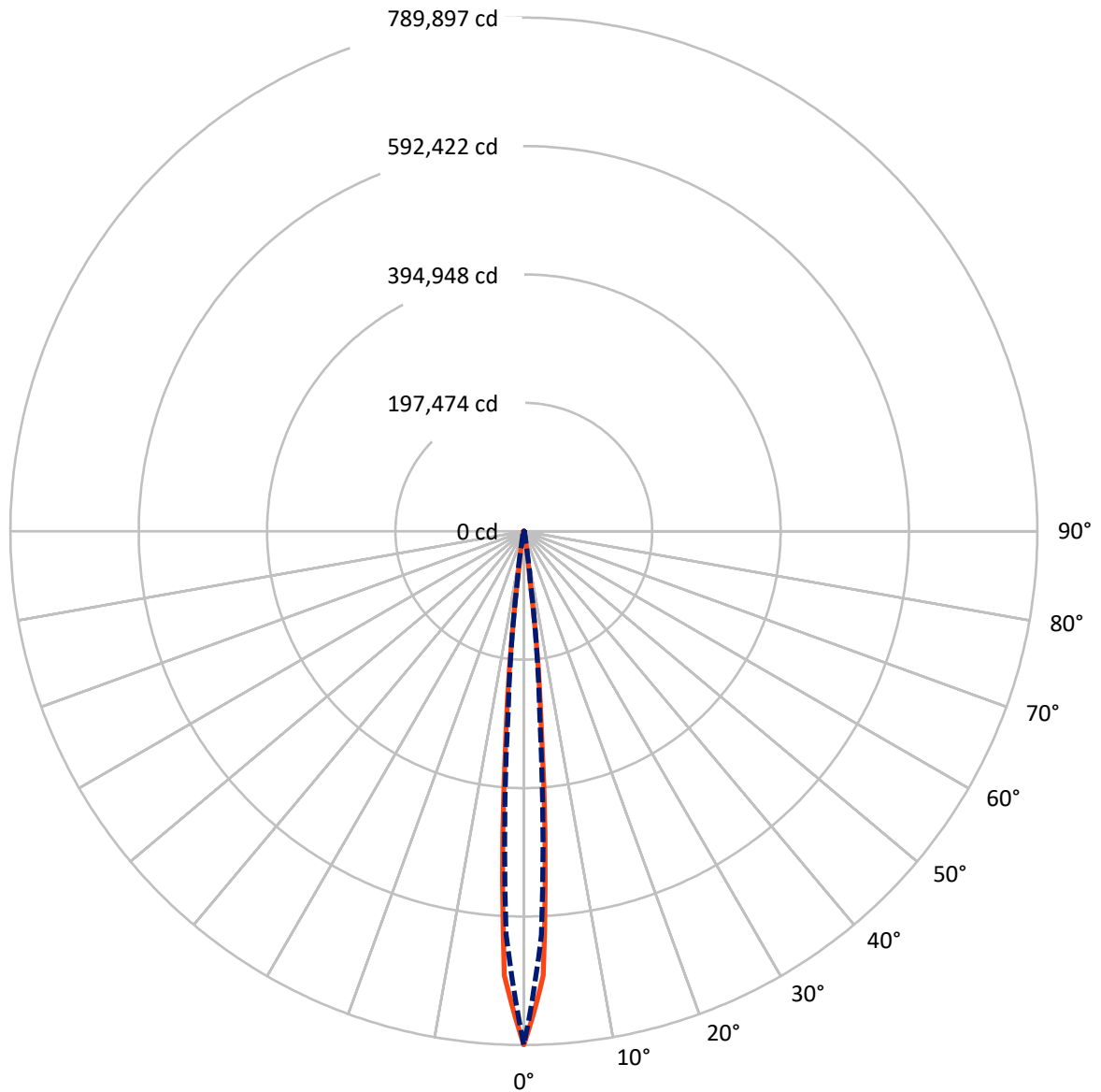
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|------|-------|--------|--------|-------|------|------|------|------|-----|-----|
| 90 | 0.1 | 1.0 | 3.6 | 8.2 | 14.4 | 8.2 | 3.6 | 1.0 | 0.1 | | | | | | | |
| 80 | 0.1 | 1.0 | 3.6 | 8.2 | 14.4 | 8.2 | 3.6 | 1.0 | 0.1 | | | | | | | |
| 70 | 0.6 | 0.7 | 1.8 | 3.7 | 5.6 | 7.0 | 11.5 | 21.1 | 21.1 | 11.5 | 7.0 | 5.6 | 3.7 | 1.8 | 0.7 | 0.6 |
| 60 | | 1.3 | 3.2 | 6.7 | 10.5 | 13.6 | 18.3 | 25.8 | 25.8 | 18.3 | 13.6 | 10.5 | 6.7 | 3.2 | 1.3 | |
| 50 | 1.8 | 2.4 | 5.0 | 10.3 | 17.1 | 25.3 | 33.0 | 40.5 | 40.5 | 33.0 | 25.3 | 17.1 | 10.3 | 5.0 | 2.4 | 1.8 |
| 40 | | 3.7 | 7.0 | 14.7 | 26.5 | 35.6 | 39.5 | 42.0 | 42.0 | 39.5 | 35.6 | 26.5 | 14.7 | 7.0 | 3.7 | |
| 30 | 3.6 | 5.4 | 9.7 | 20.7 | 32.5 | 37.3 | 49.4 | 65.8 | 65.8 | 49.4 | 37.3 | 32.5 | 20.7 | 9.7 | 5.4 | 3.6 |
| 20 | | 7.3 | 13.6 | 27.2 | 35.8 | 48.0 | 96.2 | 184.8 | 184.8 | 96.2 | 48.0 | 35.8 | 27.2 | 13.6 | 7.3 | |
| 10 | 4.1 | 8.2 | 16.6 | 30.8 | 37.4 | 63.1 | 191.5 | 5145.6 | 5145.6 | 191.5 | 63.1 | 37.4 | 30.8 | 16.6 | 8.2 | 4.1 |
| 0 | | 8.2 | 16.6 | 30.8 | 37.4 | 63.1 | 191.5 | 5145.6 | 5145.6 | 191.5 | 63.1 | 37.4 | 30.8 | 16.6 | 8.2 | |
| -10 | 3.6 | 7.3 | 13.6 | 27.2 | 35.8 | 48.0 | 96.2 | 184.8 | 184.8 | 96.2 | 48.0 | 35.8 | 27.2 | 13.6 | 7.3 | 3.6 |
| -20 | | 5.4 | 9.7 | 20.7 | 32.5 | 37.3 | 49.4 | 65.8 | 65.8 | 49.4 | 37.3 | 32.5 | 20.7 | 9.7 | 5.4 | |
| -30 | 1.8 | 3.7 | 7.0 | 14.7 | 26.5 | 35.6 | 39.5 | 42.0 | 42.0 | 39.5 | 35.6 | 26.5 | 14.7 | 7.0 | 3.7 | 1.8 |
| -40 | | 2.4 | 5.0 | 10.3 | 17.1 | 25.3 | 33.0 | 40.5 | 40.5 | 33.0 | 25.3 | 17.1 | 10.3 | 5.0 | 2.4 | |
| -50 | 0.6 | 1.3 | 3.2 | 6.7 | 10.5 | 13.6 | 18.3 | 25.8 | 25.8 | 18.3 | 13.6 | 10.5 | 6.7 | 3.2 | 1.3 | 0.6 |
| -60 | | 0.7 | 1.8 | 3.7 | 5.6 | 7.0 | 11.5 | 21.1 | 21.1 | 11.5 | 7.0 | 5.6 | 3.7 | 1.8 | 0.7 | |
| -70 | 0.1 | 1.0 | 3.6 | 8.2 | 14.4 | 8.2 | 3.6 | 1.0 | 0.1 | | | | | | | |
| -80 | | 0.1 | 1.0 | 3.6 | 8.2 | 14.4 | 8.2 | 3.6 | 1.0 | 0.1 | | | | | | |
| -90 | 0.1 | 1.0 | 3.6 | 8.2 | 14.4 | 8.2 | 3.6 | 1.0 | 0.1 | | | | | | | |

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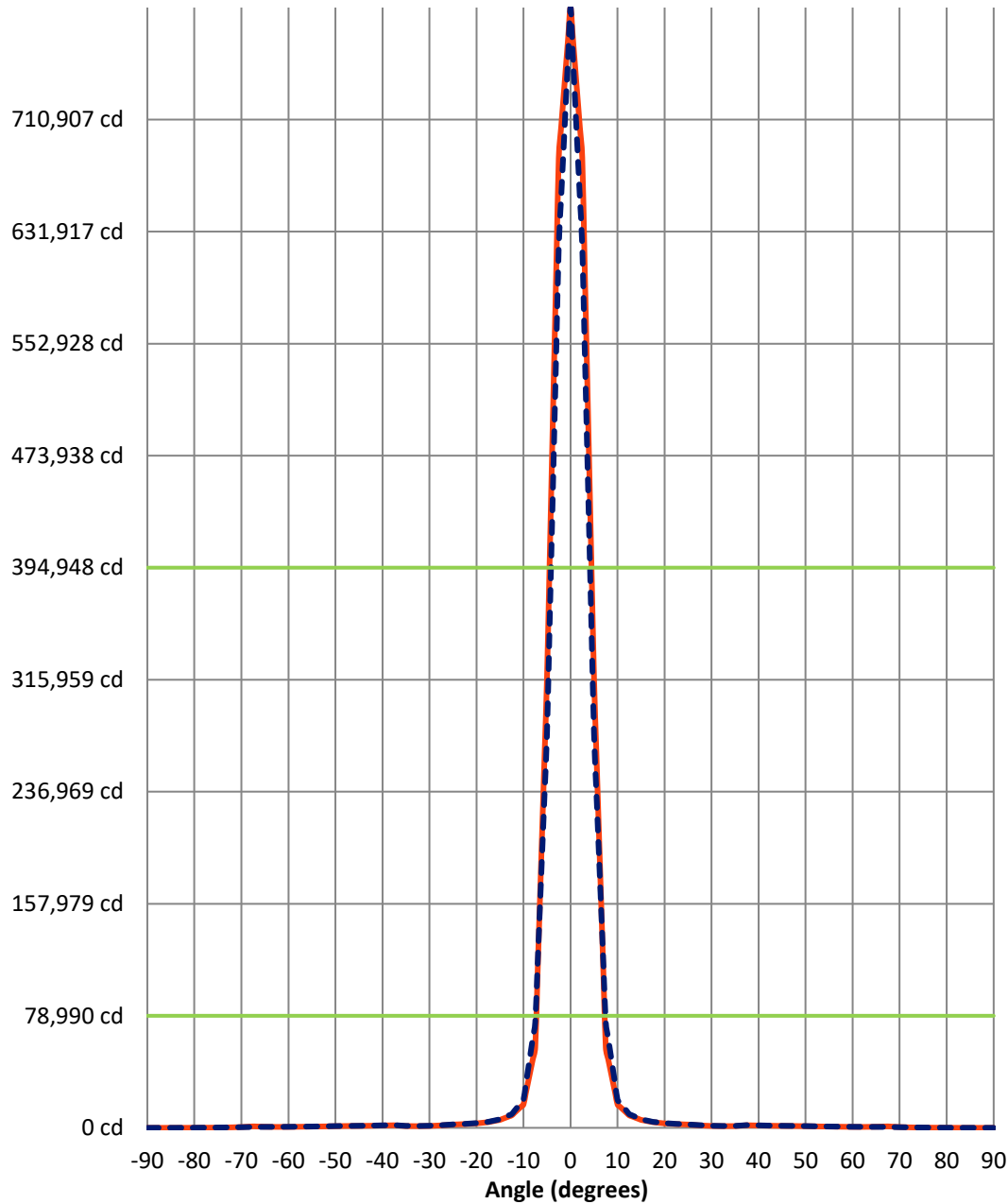
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 8.3°
V Angle: 8.9°
Lumens: 8879
Efficiency: 33.7%

Field:
H Angle: 14.9°
V Angle: 14.6°
Lumens: 14024.9
Efficiency: 53.2%

Spill:
Lumens: 12330
Efficiency: 46.8%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|----------|----------|----------|---------|---------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 82.5° | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 13.8 | 13.8 | 13.8 | 13.8 |
| 80° | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 48.2 | 48.2 | 41.3 | 34.4 | 34.4 |
| 77.5° | 103.3 | 110.1 | 117.0 | 110.1 | 103.3 | 103.3 | 96.4 | 82.6 | 75.7 | 62.0 | 55.1 |
| 75° | 172.1 | 185.9 | 192.8 | 185.9 | 179.0 | 172.1 | 158.3 | 137.7 | 117.0 | 96.4 | 82.6 |
| 72.5° | 309.8 | 316.7 | 316.7 | 302.9 | 282.2 | 268.5 | 247.8 | 206.5 | 172.1 | 137.7 | 117.0 |
| 70° | 537.0 | 557.6 | 564.5 | 495.7 | 433.7 | 378.6 | 323.6 | 275.4 | 220.3 | 172.1 | 151.5 |
| 67.5° | 1032.6 | 1005.1 | 956.9 | 771.0 | 598.9 | 447.5 | 344.2 | 302.9 | 254.7 | 206.5 | 192.8 |
| 65° | 777.9 | 757.3 | 729.7 | 633.3 | 537.0 | 433.7 | 364.9 | 323.6 | 289.1 | 247.8 | 240.9 |
| 62.5° | 654.0 | 654.0 | 640.2 | 578.3 | 516.3 | 440.6 | 392.4 | 364.9 | 330.4 | 296.0 | 296.0 |
| 60° | 681.5 | 695.3 | 681.5 | 619.6 | 550.7 | 481.9 | 440.6 | 413.0 | 378.6 | 358.0 | 358.0 |
| 57.5° | 771.0 | 777.9 | 757.3 | 688.4 | 619.6 | 543.8 | 502.5 | 468.1 | 433.7 | 413.0 | 413.0 |
| 55° | 888.1 | 881.2 | 853.6 | 784.8 | 715.9 | 640.2 | 598.9 | 550.7 | 502.5 | 481.9 | 481.9 |
| 52.5° | 998.2 | 1005.1 | 977.5 | 915.6 | 839.9 | 764.1 | 715.9 | 654.0 | 598.9 | 578.3 | 564.5 |
| 50° | 1156.5 | 1163.4 | 1142.8 | 1080.8 | 1018.8 | 943.1 | 867.4 | 784.8 | 722.8 | 695.3 | 667.8 |
| 47.5° | 1294.2 | 1294.2 | 1273.6 | 1232.3 | 1184.1 | 1115.2 | 1032.6 | 956.9 | 888.1 | 839.9 | 791.7 |
| 45° | 1356.2 | 1356.2 | 1342.4 | 1321.7 | 1294.2 | 1232.3 | 1149.6 | 1067.0 | 1018.8 | 991.3 | 950.0 |
| 42.5° | 1466.3 | 1466.3 | 1431.9 | 1390.6 | 1356.2 | 1294.2 | 1218.5 | 1129.0 | 1115.2 | 1087.7 | 1060.2 |
| 40° | 1645.3 | 1583.3 | 1528.3 | 1480.1 | 1425.0 | 1356.2 | 1287.3 | 1225.4 | 1197.8 | 1163.4 | 1135.9 |
| 37.5° | 1810.5 | 1727.9 | 1645.3 | 1569.6 | 1507.6 | 1452.5 | 1363.1 | 1314.9 | 1280.4 | 1239.1 | 1211.6 |
| 35° | 1246.0 | 1218.5 | 1252.9 | 1294.2 | 1356.2 | 1452.5 | 1514.5 | 1445.7 | 1369.9 | 1321.7 | 1287.3 |
| 32.5° | 1191.0 | 1191.0 | 1197.8 | 1197.8 | 1184.1 | 1177.2 | 1239.1 | 1383.7 | 1528.3 | 1452.5 | 1383.7 |
| 30° | 1321.7 | 1349.3 | 1356.2 | 1342.4 | 1294.2 | 1232.3 | 1197.8 | 1191.0 | 1259.8 | 1459.4 | 1514.5 |
| 27.5° | 1707.3 | 1727.9 | 1714.1 | 1666.0 | 1562.7 | 1418.1 | 1328.6 | 1232.3 | 1211.6 | 1211.6 | 1431.9 |
| 25° | 2313.1 | 2306.2 | 2251.1 | 2141.0 | 1982.6 | 1789.9 | 1597.1 | 1397.5 | 1294.2 | 1232.3 | 1225.4 |
| 22.5° | 2657.3 | 2657.3 | 2616.0 | 2554.0 | 2450.7 | 2258.0 | 1989.5 | 1721.0 | 1466.3 | 1321.7 | 1239.1 |
| 20° | 3125.4 | 3139.2 | 3091.0 | 2973.9 | 2788.1 | 2616.0 | 2416.3 | 2099.7 | 1769.2 | 1480.1 | 1314.9 |
| 17.5° | 4006.6 | 3992.8 | 3882.6 | 3641.7 | 3318.1 | 3022.1 | 2712.3 | 2471.4 | 2120.3 | 1748.6 | 1438.8 |
| 15° | 5617.4 | 5576.1 | 5266.3 | 4708.7 | 4102.9 | 3579.7 | 3125.4 | 2726.1 | 2450.7 | 2030.8 | 1652.2 |
| 12.5° | 8784.1 | 8667.1 | 7827.2 | 6505.5 | 5342.1 | 4275.0 | 3600.4 | 3063.4 | 2657.3 | 2306.2 | 1858.7 |
| 10° | 16480.6 | 16356.6 | 13775.1 | 9513.8 | 7310.9 | 5355.8 | 4130.5 | 3387.0 | 2856.9 | 2505.8 | 2058.3 |
| 7.5° | 56628.7 | 48966.7 | 30310.7 | 18559.6 | 9665.3 | 6636.3 | 4812.0 | 3745.0 | 3077.2 | 2629.7 | 2230.5 |
| 5° | 317034.0 | 262367.2 | 139313.7 | 38027.8 | 15324.0 | 8233.4 | 5466.0 | 4041.0 | 3228.6 | 2719.2 | 2333.7 |
| 2.5° | 683929.5 | 564972.1 | 271743.4 | 68916.8 | 18883.1 | 9272.9 | 5844.6 | 4178.7 | 3304.4 | 2760.5 | 2395.7 |
| 0° | 789896.6 | 621091.4 | 277539.8 | 74589.3 | 19784.9 | 9685.9 | 6009.8 | 4240.6 | 3338.8 | 2788.1 | 2416.3 |



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CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 85° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 82.5° | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 80° | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 20.7 | 20.7 | 20.7 | 13.8 | 13.8 | 13.8 |
| 77.5° | 55.1 | 55.1 | 48.2 | 48.2 | 41.3 | 41.3 | 41.3 | 34.4 | 27.5 | 27.5 | 20.7 |
| 75° | 82.6 | 82.6 | 82.6 | 75.7 | 68.8 | 62.0 | 62.0 | 55.1 | 48.2 | 41.3 | 41.3 |
| 72.5° | 117.0 | 117.0 | 117.0 | 110.1 | 103.3 | 96.4 | 82.6 | 75.7 | 68.8 | 62.0 | 55.1 |
| 70° | 151.5 | 151.5 | 151.5 | 144.6 | 144.6 | 137.7 | 123.9 | 110.1 | 96.4 | 82.6 | 75.7 |
| 67.5° | 192.8 | 192.8 | 192.8 | 179.0 | 172.1 | 165.2 | 158.3 | 144.6 | 130.8 | 110.1 | 96.4 |
| 65° | 240.9 | 240.9 | 240.9 | 220.3 | 206.5 | 199.6 | 185.9 | 172.1 | 151.5 | 137.7 | 117.0 |
| 62.5° | 302.9 | 302.9 | 289.1 | 268.5 | 247.8 | 227.2 | 213.4 | 199.6 | 179.0 | 158.3 | 137.7 |
| 60° | 358.0 | 358.0 | 351.1 | 323.6 | 296.0 | 261.6 | 247.8 | 227.2 | 206.5 | 185.9 | 158.3 |
| 57.5° | 413.0 | 413.0 | 399.3 | 371.7 | 344.2 | 316.7 | 289.1 | 268.5 | 240.9 | 213.4 | 185.9 |
| 55° | 475.0 | 468.1 | 447.5 | 419.9 | 392.4 | 364.9 | 344.2 | 316.7 | 289.1 | 254.7 | 213.4 |
| 52.5° | 550.7 | 530.1 | 495.7 | 468.1 | 433.7 | 406.2 | 385.5 | 358.0 | 330.4 | 289.1 | 240.9 |
| 50° | 640.2 | 605.8 | 557.6 | 516.3 | 481.9 | 454.4 | 426.8 | 399.3 | 371.7 | 323.6 | 275.4 |
| 47.5° | 750.4 | 695.3 | 640.2 | 585.1 | 537.0 | 502.5 | 468.1 | 440.6 | 399.3 | 351.1 | 302.9 |
| 45° | 881.2 | 798.6 | 736.6 | 667.8 | 612.7 | 557.6 | 516.3 | 481.9 | 426.8 | 371.7 | 323.6 |
| 42.5° | 1012.0 | 943.1 | 853.6 | 764.1 | 695.3 | 626.5 | 571.4 | 516.3 | 461.2 | 399.3 | 344.2 |
| 40° | 1101.5 | 1046.4 | 984.4 | 888.1 | 791.7 | 709.1 | 633.3 | 557.6 | 488.8 | 426.8 | 364.9 |
| 37.5° | 1170.3 | 1129.0 | 1073.9 | 1005.1 | 908.7 | 805.4 | 702.2 | 605.8 | 523.2 | 454.4 | 392.4 |
| 35° | 1246.0 | 1197.8 | 1142.8 | 1087.7 | 1012.0 | 901.8 | 771.0 | 660.9 | 564.5 | 481.9 | 426.8 |
| 32.5° | 1328.6 | 1259.8 | 1204.7 | 1142.8 | 1087.7 | 998.2 | 860.5 | 722.8 | 605.8 | 523.2 | 468.1 |
| 30° | 1425.0 | 1335.5 | 1259.8 | 1197.8 | 1135.9 | 1053.3 | 950.0 | 791.7 | 667.8 | 578.3 | 509.4 |
| 27.5° | 1528.3 | 1397.5 | 1314.9 | 1246.0 | 1184.1 | 1108.3 | 1012.0 | 874.3 | 743.5 | 633.3 | 550.7 |
| 25° | 1431.9 | 1500.7 | 1369.9 | 1294.2 | 1225.4 | 1149.6 | 1067.0 | 977.5 | 826.1 | 702.2 | 605.8 |
| 22.5° | 1232.3 | 1473.2 | 1466.3 | 1356.2 | 1273.6 | 1204.7 | 1156.5 | 1060.2 | 922.5 | 771.0 | 654.0 |
| 20° | 1246.0 | 1314.9 | 1569.6 | 1418.1 | 1335.5 | 1287.3 | 1239.1 | 1149.6 | 1012.0 | 833.0 | 702.2 |
| 17.5° | 1287.3 | 1259.8 | 1445.7 | 1514.5 | 1418.1 | 1356.2 | 1321.7 | 1239.1 | 1094.6 | 915.6 | 777.9 |
| 15° | 1397.5 | 1280.4 | 1335.5 | 1597.1 | 1493.9 | 1425.0 | 1404.4 | 1301.1 | 1170.3 | 1005.1 | 853.6 |
| 12.5° | 1493.9 | 1314.9 | 1287.3 | 1542.0 | 1562.7 | 1487.0 | 1438.8 | 1349.3 | 1232.3 | 1080.8 | 922.5 |
| 10° | 1652.2 | 1397.5 | 1308.0 | 1480.1 | 1631.5 | 1542.0 | 1466.3 | 1390.6 | 1280.4 | 1149.6 | 991.3 |
| 7.5° | 1776.1 | 1445.7 | 1314.9 | 1431.9 | 1700.4 | 1583.3 | 1493.9 | 1411.2 | 1321.7 | 1204.7 | 1046.4 |
| 5° | 1831.2 | 1466.3 | 1308.0 | 1390.6 | 1776.1 | 1631.5 | 1528.3 | 1431.9 | 1349.3 | 1239.1 | 1073.9 |
| 2.5° | 1858.7 | 1473.2 | 1301.1 | 1356.2 | 1851.8 | 1693.5 | 1542.0 | 1431.9 | 1349.3 | 1246.0 | 1073.9 |
| 0° | 1872.5 | 1459.4 | 1301.1 | 1376.8 | 1906.9 | 1755.4 | 1548.9 | 1431.9 | 1342.4 | 1239.1 | 1060.2 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 6.9 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 0.0 | 0.0 |
| 82.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 80° | 13.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 77.5° | 20.7 | 20.7 | 13.8 | 13.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 75° | 34.4 | 27.5 | 27.5 | 20.7 | 20.7 | 13.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 72.5° | 48.2 | 41.3 | 34.4 | 27.5 | 27.5 | 20.7 | 13.8 | 6.9 | 6.9 | 6.9 | 6.9 |
| 70° | 62.0 | 55.1 | 41.3 | 34.4 | 34.4 | 27.5 | 20.7 | 13.8 | 6.9 | 6.9 | 6.9 |
| 67.5° | 82.6 | 68.8 | 55.1 | 41.3 | 41.3 | 34.4 | 27.5 | 20.7 | 13.8 | 6.9 | 6.9 |
| 65° | 103.3 | 82.6 | 68.8 | 55.1 | 48.2 | 41.3 | 34.4 | 27.5 | 20.7 | 6.9 | 6.9 |
| 62.5° | 117.0 | 103.3 | 82.6 | 68.8 | 62.0 | 48.2 | 41.3 | 34.4 | 20.7 | 13.8 | 6.9 |
| 60° | 137.7 | 117.0 | 96.4 | 82.6 | 75.7 | 62.0 | 48.2 | 41.3 | 27.5 | 20.7 | 6.9 |
| 57.5° | 158.3 | 130.8 | 110.1 | 96.4 | 89.5 | 75.7 | 62.0 | 48.2 | 34.4 | 20.7 | 13.8 |
| 55° | 179.0 | 151.5 | 123.9 | 117.0 | 103.3 | 89.5 | 75.7 | 55.1 | 41.3 | 27.5 | 13.8 |
| 52.5° | 199.6 | 165.2 | 144.6 | 137.7 | 123.9 | 103.3 | 82.6 | 68.8 | 48.2 | 34.4 | 20.7 |
| 50° | 227.2 | 185.9 | 165.2 | 158.3 | 137.7 | 117.0 | 96.4 | 82.6 | 62.0 | 41.3 | 20.7 |
| 47.5° | 254.7 | 206.5 | 192.8 | 179.0 | 158.3 | 137.7 | 110.1 | 96.4 | 68.8 | 48.2 | 27.5 |
| 45° | 275.4 | 240.9 | 220.3 | 206.5 | 179.0 | 158.3 | 130.8 | 110.1 | 75.7 | 55.1 | 27.5 |
| 42.5° | 289.1 | 268.5 | 254.7 | 234.1 | 206.5 | 172.1 | 144.6 | 123.9 | 89.5 | 62.0 | 34.4 |
| 40° | 323.6 | 302.9 | 282.2 | 261.6 | 234.1 | 192.8 | 165.2 | 137.7 | 103.3 | 68.8 | 34.4 |
| 37.5° | 358.0 | 330.4 | 309.8 | 289.1 | 261.6 | 220.3 | 192.8 | 151.5 | 117.0 | 75.7 | 41.3 |
| 35° | 392.4 | 364.9 | 337.3 | 316.7 | 289.1 | 254.7 | 213.4 | 172.1 | 130.8 | 82.6 | 48.2 |
| 32.5° | 426.8 | 392.4 | 364.9 | 337.3 | 323.6 | 282.2 | 234.1 | 185.9 | 144.6 | 89.5 | 48.2 |
| 30° | 461.2 | 419.9 | 392.4 | 371.7 | 358.0 | 316.7 | 261.6 | 206.5 | 158.3 | 103.3 | 55.1 |
| 27.5° | 495.7 | 447.5 | 413.0 | 413.0 | 399.3 | 351.1 | 282.2 | 227.2 | 172.1 | 110.1 | 62.0 |
| 25° | 530.1 | 475.0 | 461.2 | 454.4 | 447.5 | 385.5 | 309.8 | 247.8 | 179.0 | 123.9 | 62.0 |
| 22.5° | 564.5 | 523.2 | 502.5 | 495.7 | 481.9 | 419.9 | 337.3 | 261.6 | 192.8 | 130.8 | 68.8 |
| 20° | 619.6 | 578.3 | 550.7 | 530.1 | 523.2 | 461.2 | 364.9 | 282.2 | 206.5 | 130.8 | 68.8 |
| 17.5° | 688.4 | 626.5 | 592.0 | 571.4 | 557.6 | 495.7 | 392.4 | 302.9 | 213.4 | 130.8 | 68.8 |
| 15° | 750.4 | 681.5 | 633.3 | 605.8 | 592.0 | 537.0 | 413.0 | 309.8 | 220.3 | 130.8 | 68.8 |
| 12.5° | 812.3 | 729.7 | 674.6 | 647.1 | 626.5 | 578.3 | 433.7 | 316.7 | 220.3 | 130.8 | 68.8 |
| 10° | 867.4 | 777.9 | 722.8 | 681.5 | 654.0 | 592.0 | 440.6 | 323.6 | 220.3 | 130.8 | 68.8 |
| 7.5° | 915.6 | 819.2 | 743.5 | 681.5 | 654.0 | 605.8 | 440.6 | 330.4 | 220.3 | 130.8 | 75.7 |
| 5° | 922.5 | 819.2 | 736.6 | 681.5 | 660.9 | 612.7 | 447.5 | 330.4 | 220.3 | 123.9 | 68.8 |
| 2.5° | 929.4 | 819.2 | 736.6 | 681.5 | 660.9 | 612.7 | 447.5 | 330.4 | 220.3 | 123.9 | 68.8 |
| 0° | 922.5 | 812.3 | 729.7 | 681.5 | 660.9 | 612.7 | 447.5 | 330.4 | 213.4 | 117.0 | 68.8 |



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| | 82.5° | 85° | 87.5° | 90° |
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| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 6.9 | 0.0 | 0.0 | 0.0 |
| 77.5° | 6.9 | 0.0 | 0.0 | 0.0 |
| 75° | 6.9 | 6.9 | 0.0 | 0.0 |
| 72.5° | 6.9 | 6.9 | 0.0 | 0.0 |
| 70° | 6.9 | 6.9 | 0.0 | 0.0 |
| 67.5° | 6.9 | 6.9 | 0.0 | 0.0 |
| 65° | 6.9 | 6.9 | 0.0 | 0.0 |
| 62.5° | 6.9 | 6.9 | 0.0 | 0.0 |
| 60° | 6.9 | 6.9 | 0.0 | 0.0 |
| 57.5° | 6.9 | 6.9 | 6.9 | 0.0 |
| 55° | 6.9 | 6.9 | 6.9 | 0.0 |
| 52.5° | 6.9 | 6.9 | 6.9 | 0.0 |
| 50° | 6.9 | 6.9 | 6.9 | 0.0 |
| 47.5° | 6.9 | 6.9 | 6.9 | 0.0 |
| 45° | 6.9 | 6.9 | 6.9 | 0.0 |
| 42.5° | 13.8 | 6.9 | 6.9 | 0.0 |
| 40° | 13.8 | 6.9 | 6.9 | 0.0 |
| 37.5° | 20.7 | 6.9 | 6.9 | 0.0 |
| 35° | 20.7 | 6.9 | 6.9 | 0.0 |
| 32.5° | 20.7 | 6.9 | 6.9 | 0.0 |
| 30° | 20.7 | 6.9 | 6.9 | 0.0 |
| 27.5° | 27.5 | 6.9 | 6.9 | 0.0 |
| 25° | 27.5 | 6.9 | 6.9 | 0.0 |
| 22.5° | 27.5 | 6.9 | 6.9 | 0.0 |
| 20° | 27.5 | 6.9 | 6.9 | 0.0 |
| 17.5° | 27.5 | 6.9 | 6.9 | 0.0 |
| 15° | 34.4 | 6.9 | 6.9 | 0.0 |
| 12.5° | 34.4 | 6.9 | 6.9 | 0.0 |
| 10° | 34.4 | 6.9 | 6.9 | 0.0 |
| 7.5° | 34.4 | 6.9 | 6.9 | 0.0 |
| 5° | 34.4 | 6.9 | 6.9 | 0.0 |
| 2.5° | 34.4 | 6.9 | 6.9 | 0.0 |
| 0° | 34.4 | 6.9 | 6.9 | 0.0 |

(END OF REPORT)