

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: P623649

Luminaire Tested: **IFLD-S-SA6C-735-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623649  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6C-735-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 42731.5 lumens                       | Max Intensity:       | 52219.7 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 132.9 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                 |

|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 49.5°H x 53.1°V | Field Angle (10%): | 73.6°H x 75.3°V |
| Beam Lumens:      | 21238.6 lumens  | Field Lumens:      | 27621.5 lumens  |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

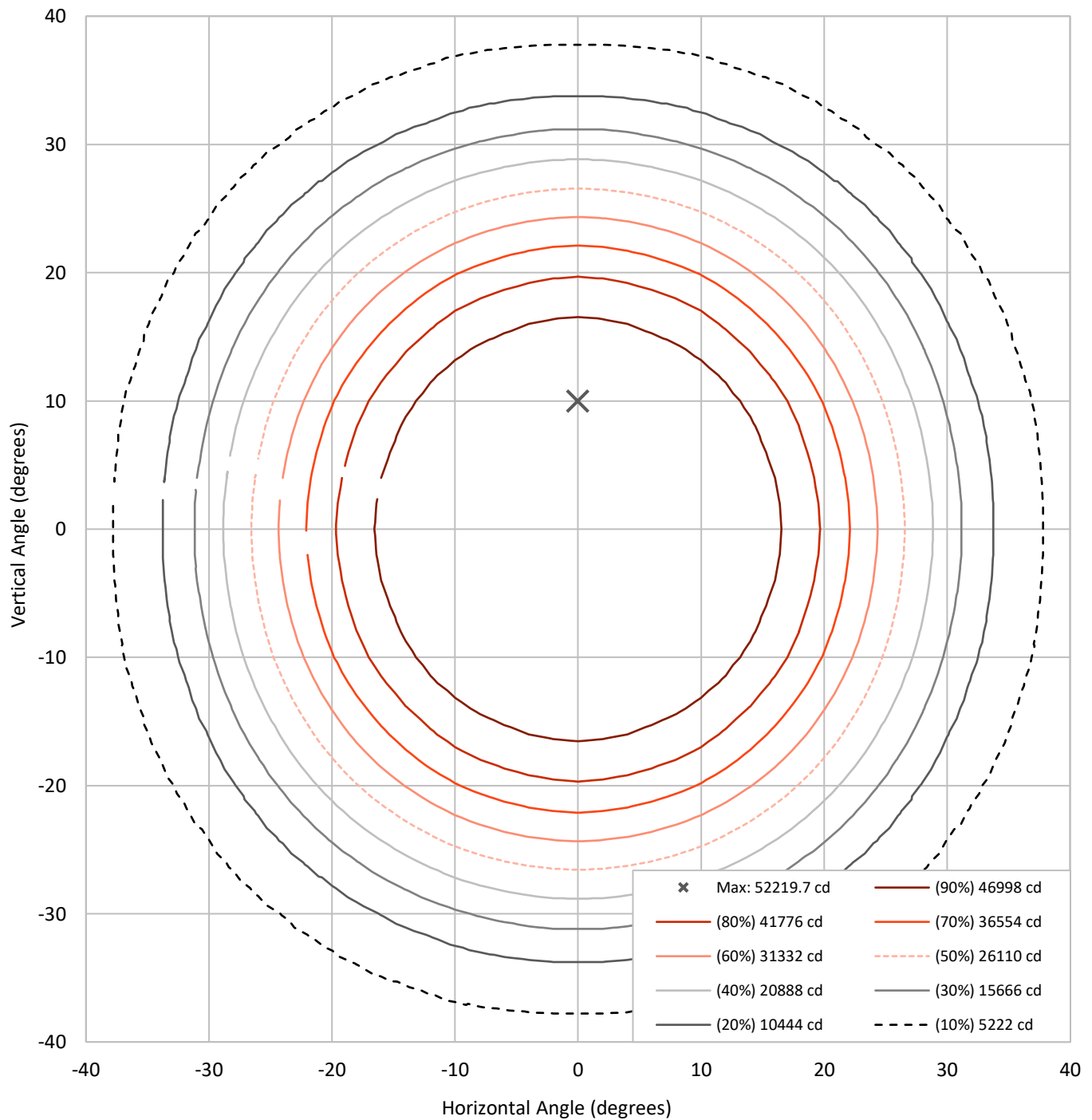
Input Watts (W): 321.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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## Iso-Candela Plot



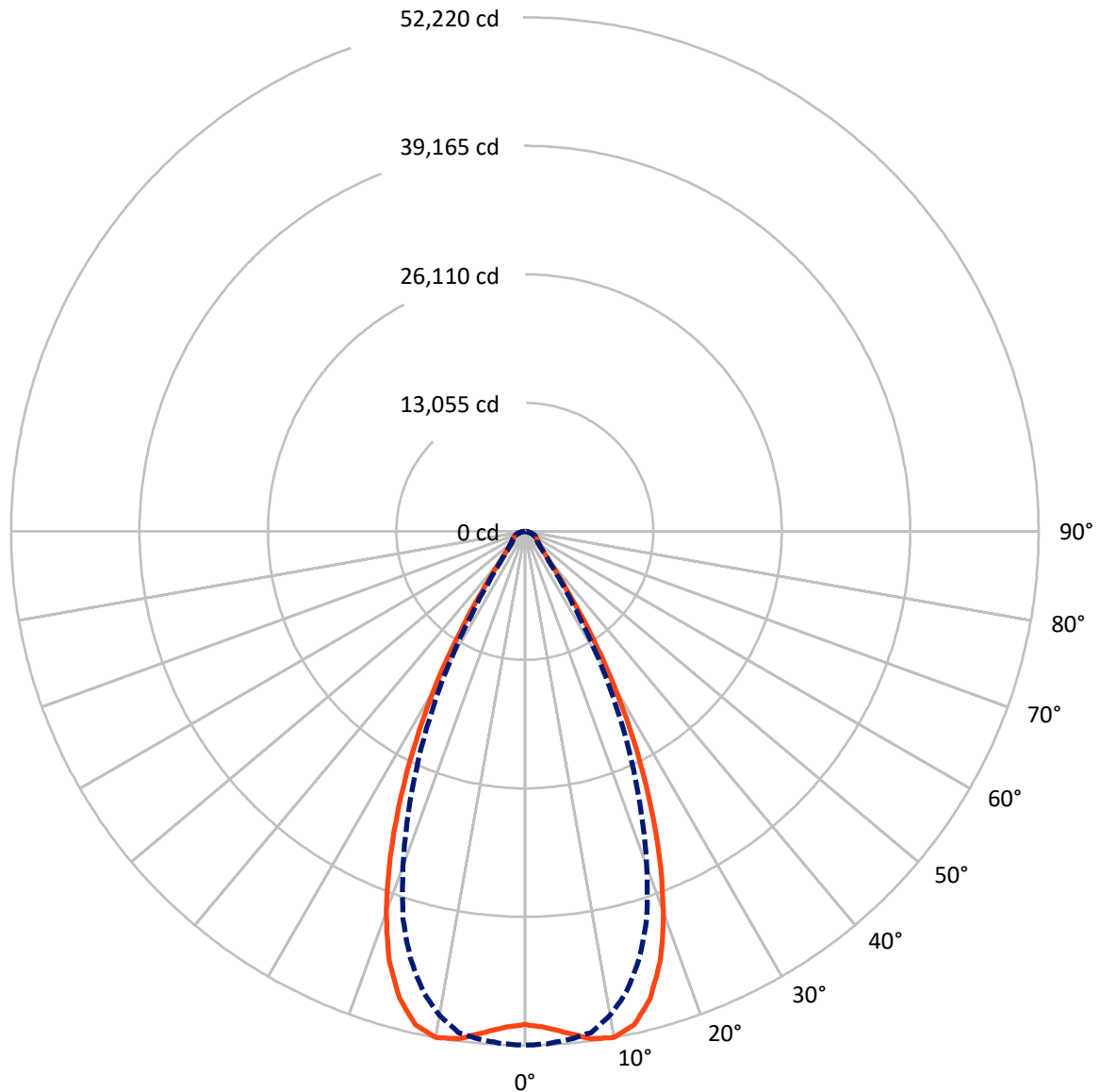
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## Lumen Table

|     |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
|-----|----------------------------|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|------|----|----|----|
| 90  |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
| 80  | 1.2                        | 9.4  |      | 24.4 |       | 39.4  |        | 45.7   |        | 39.4   |       | 24.4  |      | 9.4  |      | 1.2  |    |    |    |
| 70  |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
| 60  | 4.3                        | 4.6  | 9.7  | 15.9 | 22.4  | 28.0  | 32.1   | 34.2   | 34.2   | 32.1   | 28.0  | 22.4  | 15.9 | 9.7  | 4.6  | 4.3  |    |    |    |
| 50  |                            | 7.2  | 14.8 | 23.4 | 31.5  | 38.3  | 43.4   | 46.3   | 46.3   | 43.4   | 38.3  | 31.5  | 23.4 | 14.8 | 7.2  |      |    |    |    |
| 40  | 7.6                        | 9.6  | 19.1 | 28.8 | 38.7  | 50.1  | 63.4   | 73.6   | 73.6   | 63.4   | 50.1  | 38.7  | 28.8 | 19.1 | 9.6  | 7.6  |    |    |    |
| 30  |                            | 11.7 | 22.1 | 33.4 | 50.7  | 90.3  | 176.4  | 266.1  | 266.1  | 176.4  | 90.3  | 50.7  | 33.4 | 22.1 | 11.7 |      |    |    |    |
| 20  | 10.1                       | 13.2 | 24.3 | 39.2 | 82.0  | 261.1 | 605.0  | 858.7  | 858.7  | 605.0  | 261.1 | 82.0  | 39.2 | 24.3 | 13.2 | 10.1 |    |    |    |
| 10  |                            | 14.2 | 25.9 | 46.7 | 151.2 | 569.8 | 1114.9 | 1421.3 | 1421.3 | 1114.9 | 569.8 | 151.2 | 46.7 | 25.9 | 14.2 |      |    |    |    |
| 0   | 11.0                       | 14.7 | 26.8 | 52.8 | 222.0 | 785.0 | 1379.3 | 1564.2 | 1564.2 | 1379.3 | 785.0 | 222.0 | 52.8 | 26.8 | 14.7 | 11.0 |    |    |    |
| -10 |                            | 14.7 | 26.8 | 52.8 | 222.0 | 785.0 | 1379.3 | 1564.2 | 1564.2 | 1379.3 | 785.0 | 222.0 | 52.8 | 26.8 | 14.7 |      |    |    |    |
| -20 | 10.1                       | 14.2 | 25.9 | 46.7 | 151.2 | 569.8 | 1114.9 | 1421.3 | 1421.3 | 1114.9 | 569.8 | 151.2 | 46.7 | 25.9 | 14.2 | 10.1 |    |    |    |
| -30 |                            | 13.2 | 24.3 | 39.2 | 82.0  | 261.1 | 605.0  | 858.7  | 858.7  | 605.0  | 261.1 | 82.0  | 39.2 | 24.3 | 13.2 |      |    |    |    |
| -40 | 7.6                        | 11.7 | 22.1 | 33.4 | 50.7  | 90.3  | 176.4  | 266.1  | 266.1  | 176.4  | 90.3  | 50.7  | 33.4 | 22.1 | 11.7 | 7.6  |    |    |    |
| -50 |                            | 9.6  | 19.1 | 28.8 | 38.7  | 50.1  | 63.4   | 73.6   | 73.6   | 63.4   | 50.1  | 38.7  | 28.8 | 19.1 | 9.6  |      |    |    |    |
| -60 | 4.3                        | 7.2  | 14.8 | 23.4 | 31.5  | 38.3  | 43.4   | 46.3   | 46.3   | 43.4   | 38.3  | 31.5  | 23.4 | 14.8 | 7.2  | 4.3  |    |    |    |
| -70 |                            | 4.6  | 9.7  | 15.9 | 22.4  | 28.0  | 32.1   | 34.2   | 34.2   | 32.1   | 28.0  | 22.4  | 15.9 | 9.7  | 4.6  |      |    |    |    |
| -80 | 1.2                        | 9.4  |      | 24.4 |       | 39.4  |        | 45.7   |        | 39.4   |       | 24.4  |      | 9.4  |      | 1.2  |    |    |    |
| -90 |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
|     | -90                        | -80  | -70  | -60  | -50   | -40   | -30    | -20    | -10    | 0      | 10    | 20    | 30   | 40   | 50   | 60   | 70 | 80 | 90 |
|     | Horizontal Angle (degrees) |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |

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## Luminous Intensity Polar Plot

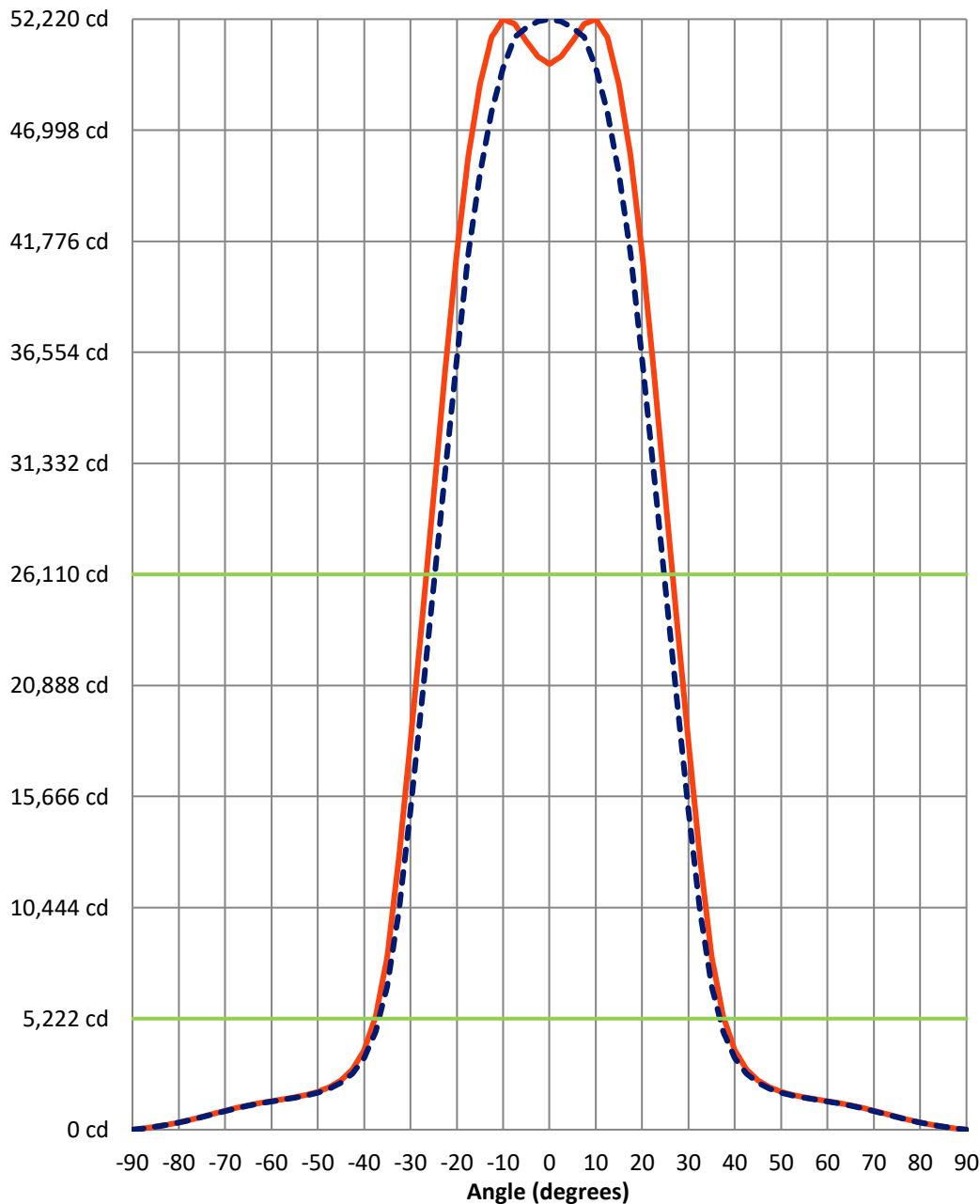


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 21238.6  
Efficiency: 49.7%

**Field:**

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 27621.5  
Efficiency: 64.6%

**Spill:**

Lumens: 15110  
Efficiency: 35.4%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 10-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° | 57.7    | 57.7    | 57.7    | 57.7    | 57.7    | 57.7    | 57.7    | 53.3    | 53.3    | 53.3    | 53.3    |
| 85°   | 142.0   | 142.0   | 142.0   | 142.0   | 142.0   | 137.6   | 137.6   | 133.2   | 133.2   | 128.7   | 124.3   |
| 82.5° | 230.8   | 230.8   | 230.8   | 230.8   | 226.4   | 226.4   | 221.9   | 217.5   | 213.1   | 208.6   | 204.2   |
| 80°   | 337.4   | 337.4   | 337.4   | 337.4   | 332.9   | 328.5   | 324.0   | 319.6   | 310.7   | 306.3   | 297.4   |
| 77.5° | 461.7   | 461.7   | 461.7   | 457.2   | 452.8   | 448.3   | 439.5   | 430.6   | 421.7   | 412.8   | 403.9   |
| 75°   | 603.7   | 603.7   | 603.7   | 594.8   | 590.4   | 581.5   | 572.6   | 563.7   | 550.4   | 537.1   | 523.8   |
| 72.5° | 750.2   | 750.2   | 750.2   | 741.3   | 732.4   | 723.5   | 714.7   | 701.4   | 688.0   | 670.3   | 652.5   |
| 70°   | 887.8   | 887.8   | 887.8   | 878.9   | 870.0   | 861.2   | 847.8   | 834.5   | 816.8   | 799.0   | 781.3   |
| 67.5° | 1029.8  | 1029.8  | 1029.8  | 1016.5  | 1007.6  | 998.8   | 985.4   | 967.7   | 949.9   | 927.7   | 905.5   |
| 65°   | 1145.2  | 1145.2  | 1140.8  | 1136.4  | 1127.5  | 1114.2  | 1105.3  | 1087.5  | 1069.8  | 1052.0  | 1029.8  |
| 62.5° | 1251.8  | 1251.8  | 1247.3  | 1242.9  | 1234.0  | 1220.7  | 1207.4  | 1194.1  | 1176.3  | 1154.1  | 1131.9  |
| 60°   | 1340.6  | 1340.6  | 1336.1  | 1331.7  | 1322.8  | 1313.9  | 1300.6  | 1287.3  | 1269.5  | 1251.8  | 1229.6  |
| 57.5° | 1429.3  | 1429.3  | 1424.9  | 1420.5  | 1411.6  | 1398.3  | 1385.0  | 1371.6  | 1353.9  | 1331.7  | 1309.5  |
| 55°   | 1522.6  | 1522.6  | 1518.1  | 1509.2  | 1500.4  | 1487.0  | 1473.7  | 1456.0  | 1433.8  | 1411.6  | 1389.4  |
| 52.5° | 1633.5  | 1633.5  | 1624.7  | 1615.8  | 1602.5  | 1589.1  | 1566.9  | 1544.8  | 1518.1  | 1491.5  | 1464.9  |
| 50°   | 1780.0  | 1780.0  | 1771.1  | 1757.8  | 1735.6  | 1713.4  | 1686.8  | 1651.3  | 1620.2  | 1584.7  | 1549.2  |
| 47.5° | 1997.5  | 1997.5  | 1979.8  | 1957.6  | 1926.5  | 1891.0  | 1842.2  | 1788.9  | 1744.5  | 1700.1  | 1646.8  |
| 45°   | 2317.1  | 2317.1  | 2290.5  | 2255.0  | 2206.2  | 2144.0  | 2073.0  | 1997.5  | 1922.1  | 1846.6  | 1771.1  |
| 42.5° | 2836.5  | 2836.5  | 2787.7  | 2725.5  | 2641.2  | 2534.6  | 2401.5  | 2277.2  | 2170.6  | 2050.8  | 1948.7  |
| 40°   | 3733.2  | 3733.2  | 3639.9  | 3524.5  | 3364.7  | 3160.5  | 2916.4  | 2721.1  | 2534.6  | 2326.0  | 2184.0  |
| 37.5° | 5326.7  | 5326.7  | 5144.7  | 4922.8  | 4612.1  | 4221.4  | 3750.9  | 3435.7  | 3089.5  | 2761.0  | 2521.3  |
| 35°   | 8141.0  | 8141.0  | 7790.3  | 7359.8  | 6760.5  | 6005.9  | 5202.4  | 4607.6  | 3946.2  | 3440.2  | 2991.8  |
| 32.5° | 12757.5 | 12757.5 | 12127.2 | 11350.4 | 10280.6 | 8926.7  | 7639.4  | 6507.5  | 5326.7  | 4487.8  | 3679.9  |
| 30°   | 18244.1 | 18244.1 | 17418.4 | 16401.9 | 15008.1 | 13250.2 | 11417.0 | 9406.1  | 7541.8  | 6045.8  | 4825.1  |
| 27.5° | 23917.0 | 23681.8 | 22971.5 | 21813.0 | 20223.8 | 18244.1 | 15958.0 | 13361.2 | 10839.9 | 8203.2  | 6458.7  |
| 25°   | 29785.3 | 29510.1 | 28697.8 | 27366.1 | 25546.1 | 23304.4 | 20729.9 | 17826.8 | 14715.1 | 11572.3 | 8553.8  |
| 22.5° | 35715.7 | 35405.0 | 34481.7 | 32976.9 | 30935.0 | 28422.6 | 25506.2 | 22279.1 | 18803.4 | 15172.3 | 11572.3 |
| 20°   | 41197.8 | 40869.3 | 39901.7 | 38334.7 | 36221.8 | 33465.2 | 30224.8 | 26647.0 | 22802.8 | 18803.4 | 14715.1 |
| 17.5° | 45787.7 | 45472.5 | 44540.4 | 43044.4 | 41197.8 | 38148.3 | 34779.1 | 30846.2 | 26647.0 | 22279.1 | 17826.8 |
| 15°   | 49139.1 | 48868.3 | 48073.7 | 46817.5 | 44935.4 | 42236.5 | 38805.2 | 34779.1 | 30224.8 | 25506.2 | 20729.9 |
| 12.5° | 51363.0 | 51145.5 | 50519.6 | 49543.0 | 47856.2 | 45592.4 | 42236.5 | 38148.3 | 33465.2 | 28422.6 | 23304.4 |
| 10°   | 52219.7 | 52113.2 | 51820.2 | 51371.9 | 49933.7 | 47856.2 | 44935.4 | 41197.8 | 36221.8 | 30935.0 | 25546.1 |
| 7.5°  | 51993.3 | 52028.8 | 52130.9 | 52015.5 | 51371.9 | 49543.0 | 46817.5 | 43044.4 | 38334.7 | 32976.9 | 27366.1 |
| 5°    | 51185.4 | 51376.3 | 51851.3 | 52130.9 | 51820.2 | 50519.6 | 48073.7 | 44540.4 | 39901.7 | 34481.7 | 28697.8 |
| 2.5°  | 50466.3 | 50763.7 | 51376.3 | 52028.8 | 52113.2 | 51145.5 | 48868.3 | 45472.5 | 40869.3 | 35405.0 | 29510.1 |
| 0°    | 50111.2 | 50466.3 | 51185.4 | 51993.3 | 52219.7 | 51363.0 | 49139.1 | 45787.7 | 41197.8 | 35715.7 | 29785.3 |

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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° | 53.3    | 48.8    | 48.8    | 48.8   | 44.4   | 44.4   | 44.4   | 40.0   | 40.0   | 35.5   | 35.5   |
| 85°   | 124.3   | 119.9   | 115.4   | 111.0  | 106.5  | 102.1  | 97.7   | 93.2   | 88.8   | 79.9   | 75.5   |
| 82.5° | 199.8   | 195.3   | 190.9   | 182.0  | 177.6  | 168.7  | 159.8  | 150.9  | 142.0  | 137.6  | 128.7  |
| 80°   | 288.5   | 279.7   | 270.8   | 261.9  | 248.6  | 235.3  | 226.4  | 213.1  | 204.2  | 190.9  | 182.0  |
| 77.5° | 390.6   | 377.3   | 364.0   | 346.2  | 332.9  | 319.6  | 301.8  | 288.5  | 270.8  | 253.0  | 235.3  |
| 75°   | 506.0   | 488.3   | 466.1   | 448.3  | 430.6  | 408.4  | 386.2  | 364.0  | 341.8  | 319.6  | 297.4  |
| 72.5° | 630.3   | 608.1   | 585.9   | 563.7  | 537.1  | 506.0  | 479.4  | 448.3  | 421.7  | 395.1  | 364.0  |
| 70°   | 759.1   | 732.4   | 705.8   | 679.2  | 648.1  | 612.6  | 581.5  | 546.0  | 510.5  | 475.0  | 439.5  |
| 67.5° | 878.9   | 852.3   | 821.2   | 794.6  | 759.1  | 723.5  | 683.6  | 643.6  | 603.7  | 559.3  | 514.9  |
| 65°   | 1003.2  | 972.1   | 936.6   | 901.1  | 865.6  | 825.6  | 785.7  | 745.7  | 696.9  | 648.1  | 603.7  |
| 62.5° | 1105.3  | 1078.7  | 1047.6  | 1012.1 | 972.1  | 927.7  | 887.8  | 834.5  | 785.7  | 736.9  | 679.2  |
| 60°   | 1203.0  | 1171.9  | 1145.2  | 1105.3 | 1069.8 | 1029.8 | 981.0  | 927.7  | 874.5  | 816.8  | 763.5  |
| 57.5° | 1287.3  | 1260.7  | 1229.6  | 1194.1 | 1154.1 | 1114.2 | 1069.8 | 1021.0 | 958.8  | 901.1  | 839.0  |
| 55°   | 1362.8  | 1331.7  | 1300.6  | 1269.5 | 1234.0 | 1189.6 | 1145.2 | 1096.4 | 1043.2 | 981.0  | 914.4  |
| 52.5° | 1438.2  | 1407.1  | 1371.6  | 1340.6 | 1300.6 | 1260.7 | 1216.3 | 1167.4 | 1114.2 | 1056.5 | 985.4  |
| 50°   | 1513.7  | 1478.2  | 1442.7  | 1402.7 | 1362.8 | 1322.8 | 1278.4 | 1234.0 | 1176.3 | 1118.6 | 1056.5 |
| 47.5° | 1602.5  | 1558.1  | 1513.7  | 1469.3 | 1429.3 | 1380.5 | 1336.1 | 1287.3 | 1238.5 | 1176.3 | 1114.2 |
| 45°   | 1713.4  | 1646.8  | 1593.6  | 1540.3 | 1491.5 | 1442.7 | 1389.4 | 1340.6 | 1287.3 | 1234.0 | 1167.4 |
| 42.5° | 1851.0  | 1762.3  | 1691.2  | 1620.2 | 1558.1 | 1500.4 | 1447.1 | 1389.4 | 1336.1 | 1278.4 | 1216.3 |
| 40°   | 2037.5  | 1917.6  | 1802.2  | 1713.4 | 1633.5 | 1562.5 | 1500.4 | 1442.7 | 1380.5 | 1322.8 | 1260.7 |
| 37.5° | 2281.6  | 2112.9  | 1953.1  | 1824.4 | 1722.3 | 1633.5 | 1558.1 | 1491.5 | 1429.3 | 1362.8 | 1300.6 |
| 35°   | 2650.0  | 2357.1  | 2152.9  | 1966.5 | 1824.4 | 1713.4 | 1620.2 | 1540.3 | 1469.3 | 1402.7 | 1340.6 |
| 32.5° | 3169.4  | 2716.6  | 2388.2  | 2152.9 | 1953.1 | 1802.2 | 1691.2 | 1593.6 | 1513.7 | 1442.7 | 1371.6 |
| 30°   | 3853.0  | 3227.1  | 2716.6  | 2357.1 | 2112.9 | 1917.6 | 1762.3 | 1646.8 | 1558.1 | 1478.2 | 1407.1 |
| 27.5° | 4936.1  | 3853.0  | 3169.4  | 2650.0 | 2281.6 | 2037.5 | 1851.0 | 1713.4 | 1602.5 | 1513.7 | 1438.2 |
| 25°   | 6458.7  | 4825.1  | 3679.9  | 2991.8 | 2521.3 | 2184.0 | 1948.7 | 1771.1 | 1646.8 | 1549.2 | 1464.9 |
| 22.5° | 8203.2  | 6045.8  | 4487.8  | 3440.2 | 2761.0 | 2326.0 | 2050.8 | 1846.6 | 1700.1 | 1584.7 | 1491.5 |
| 20°   | 10839.9 | 7541.8  | 5326.7  | 3946.2 | 3089.5 | 2534.6 | 2170.6 | 1922.1 | 1744.5 | 1620.2 | 1518.1 |
| 17.5° | 13361.2 | 9406.1  | 6507.5  | 4607.6 | 3435.7 | 2721.1 | 2277.2 | 1997.5 | 1788.9 | 1651.3 | 1544.8 |
| 15°   | 15958.0 | 11417.0 | 7639.4  | 5202.4 | 3750.9 | 2916.4 | 2401.5 | 2073.0 | 1842.2 | 1686.8 | 1566.9 |
| 12.5° | 18244.1 | 13250.2 | 8926.7  | 6005.9 | 4221.4 | 3160.5 | 2534.6 | 2144.0 | 1891.0 | 1713.4 | 1589.1 |
| 10°   | 20223.8 | 15008.1 | 10280.6 | 6760.5 | 4612.1 | 3364.7 | 2641.2 | 2206.2 | 1926.5 | 1735.6 | 1602.5 |
| 7.5°  | 21813.0 | 16401.9 | 11350.4 | 7359.8 | 4922.8 | 3524.5 | 2725.5 | 2255.0 | 1957.6 | 1757.8 | 1615.8 |
| 5°    | 22971.5 | 17418.4 | 12127.2 | 7790.3 | 5144.7 | 3639.9 | 2787.7 | 2290.5 | 1979.8 | 1771.1 | 1624.7 |
| 2.5°  | 23681.8 | 18244.1 | 12757.5 | 8141.0 | 5326.7 | 3733.2 | 2836.5 | 2317.1 | 1997.5 | 1780.0 | 1633.5 |
| 0°    | 23917.0 | 18244.1 | 12757.5 | 8141.0 | 5326.7 | 3733.2 | 2836.5 | 2317.1 | 1997.5 | 1780.0 | 1633.5 |

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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° | 31.1   | 31.1   | 26.6   | 26.6   | 22.2   | 22.2   | 17.8  | 17.8  | 13.3  | 13.3  | 8.9   |
| 85°   | 71.0   | 62.1   | 57.7   | 53.3   | 48.8   | 44.4   | 40.0  | 35.5  | 31.1  | 26.6  | 22.2  |
| 82.5° | 119.9  | 111.0  | 97.7   | 88.8   | 79.9   | 71.0   | 57.7  | 53.3  | 44.4  | 35.5  | 31.1  |
| 80°   | 168.7  | 155.4  | 142.0  | 128.7  | 115.4  | 102.1  | 88.8  | 75.5  | 62.1  | 48.8  | 40.0  |
| 77.5° | 217.5  | 199.8  | 186.4  | 168.7  | 150.9  | 133.2  | 115.4 | 97.7  | 79.9  | 62.1  | 48.8  |
| 75°   | 275.2  | 253.0  | 230.8  | 208.6  | 186.4  | 164.2  | 146.5 | 124.3 | 102.1 | 79.9  | 62.1  |
| 72.5° | 337.4  | 306.3  | 279.7  | 253.0  | 221.9  | 199.8  | 173.1 | 150.9 | 124.3 | 97.7  | 75.5  |
| 70°   | 403.9  | 368.4  | 332.9  | 297.4  | 266.3  | 230.8  | 204.2 | 173.1 | 146.5 | 115.4 | 88.8  |
| 67.5° | 470.5  | 430.6  | 390.6  | 346.2  | 306.3  | 270.8  | 230.8 | 199.8 | 164.2 | 133.2 | 102.1 |
| 65°   | 550.4  | 497.2  | 448.3  | 399.5  | 350.7  | 306.3  | 266.3 | 221.9 | 186.4 | 150.9 | 115.4 |
| 62.5° | 625.9  | 568.2  | 510.5  | 452.8  | 399.5  | 346.2  | 297.4 | 253.0 | 208.6 | 168.7 | 128.7 |
| 60°   | 701.4  | 639.2  | 572.6  | 510.5  | 448.3  | 390.6  | 332.9 | 279.7 | 230.8 | 186.4 | 142.0 |
| 57.5° | 776.8  | 705.8  | 639.2  | 568.2  | 497.2  | 430.6  | 368.4 | 306.3 | 253.0 | 199.8 | 155.4 |
| 55°   | 843.4  | 776.8  | 701.4  | 625.9  | 550.4  | 470.5  | 403.9 | 337.4 | 275.2 | 217.5 | 168.7 |
| 52.5° | 914.4  | 839.0  | 763.5  | 679.2  | 603.7  | 514.9  | 439.5 | 364.0 | 297.4 | 235.3 | 182.0 |
| 50°   | 981.0  | 901.1  | 816.8  | 736.9  | 648.1  | 559.3  | 475.0 | 395.1 | 319.6 | 253.0 | 190.9 |
| 47.5° | 1043.2 | 958.8  | 874.5  | 785.7  | 696.9  | 603.7  | 510.5 | 421.7 | 341.8 | 270.8 | 204.2 |
| 45°   | 1096.4 | 1021.0 | 927.7  | 834.5  | 745.7  | 643.6  | 546.0 | 448.3 | 364.0 | 288.5 | 213.1 |
| 42.5° | 1145.2 | 1069.8 | 981.0  | 887.8  | 785.7  | 683.6  | 581.5 | 479.4 | 386.2 | 301.8 | 226.4 |
| 40°   | 1189.6 | 1114.2 | 1029.8 | 927.7  | 825.6  | 723.5  | 612.6 | 506.0 | 408.4 | 319.6 | 235.3 |
| 37.5° | 1234.0 | 1154.1 | 1069.8 | 972.1  | 865.6  | 759.1  | 648.1 | 537.1 | 430.6 | 332.9 | 248.6 |
| 35°   | 1269.5 | 1194.1 | 1105.3 | 1012.1 | 901.1  | 794.6  | 679.2 | 563.7 | 448.3 | 346.2 | 261.9 |
| 32.5° | 1300.6 | 1229.6 | 1145.2 | 1047.6 | 936.6  | 821.2  | 705.8 | 585.9 | 466.1 | 364.0 | 270.8 |
| 30°   | 1331.7 | 1260.7 | 1171.9 | 1078.7 | 972.1  | 852.3  | 732.4 | 608.1 | 488.3 | 377.3 | 279.7 |
| 27.5° | 1362.8 | 1287.3 | 1203.0 | 1105.3 | 1003.2 | 878.9  | 759.1 | 630.3 | 506.0 | 390.6 | 288.5 |
| 25°   | 1389.4 | 1309.5 | 1229.6 | 1131.9 | 1029.8 | 905.5  | 781.3 | 652.5 | 523.8 | 403.9 | 297.4 |
| 22.5° | 1411.6 | 1331.7 | 1251.8 | 1154.1 | 1052.0 | 927.7  | 799.0 | 670.3 | 537.1 | 412.8 | 306.3 |
| 20°   | 1433.8 | 1353.9 | 1269.5 | 1176.3 | 1069.8 | 949.9  | 816.8 | 688.0 | 550.4 | 421.7 | 310.7 |
| 17.5° | 1456.0 | 1371.6 | 1287.3 | 1194.1 | 1087.5 | 967.7  | 834.5 | 701.4 | 563.7 | 430.6 | 319.6 |
| 15°   | 1473.7 | 1385.0 | 1300.6 | 1207.4 | 1105.3 | 985.4  | 847.8 | 714.7 | 572.6 | 439.5 | 324.0 |
| 12.5° | 1487.0 | 1398.3 | 1313.9 | 1220.7 | 1114.2 | 998.8  | 861.2 | 723.5 | 581.5 | 448.3 | 328.5 |
| 10°   | 1500.4 | 1411.6 | 1322.8 | 1234.0 | 1127.5 | 1007.6 | 870.0 | 732.4 | 590.4 | 452.8 | 332.9 |
| 7.5°  | 1509.2 | 1420.5 | 1331.7 | 1242.9 | 1136.4 | 1016.5 | 878.9 | 741.3 | 594.8 | 457.2 | 337.4 |
| 5°    | 1518.1 | 1424.9 | 1336.1 | 1247.3 | 1140.8 | 1029.8 | 887.8 | 750.2 | 603.7 | 461.7 | 337.4 |
| 2.5°  | 1522.6 | 1429.3 | 1340.6 | 1251.8 | 1145.2 | 1029.8 | 887.8 | 750.2 | 603.7 | 461.7 | 337.4 |
| 0°    | 1522.6 | 1429.3 | 1340.6 | 1251.8 | 1145.2 | 1029.8 | 887.8 | 750.2 | 603.7 | 461.7 | 337.4 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 8.9   | 4.4   | 4.4   | 0.0 |
| 85°   | 13.3  | 8.9   | 4.4   | 0.0 |
| 82.5° | 22.2  | 13.3  | 8.9   | 0.0 |
| 80°   | 31.1  | 22.2  | 8.9   | 0.0 |
| 77.5° | 35.5  | 26.6  | 13.3  | 0.0 |
| 75°   | 44.4  | 31.1  | 13.3  | 0.0 |
| 72.5° | 53.3  | 35.5  | 17.8  | 0.0 |
| 70°   | 57.7  | 40.0  | 17.8  | 0.0 |
| 67.5° | 71.0  | 44.4  | 22.2  | 0.0 |
| 65°   | 79.9  | 48.8  | 22.2  | 0.0 |
| 62.5° | 88.8  | 53.3  | 26.6  | 0.0 |
| 60°   | 97.7  | 57.7  | 26.6  | 0.0 |
| 57.5° | 111.0 | 62.1  | 31.1  | 0.0 |
| 55°   | 119.9 | 71.0  | 31.1  | 0.0 |
| 52.5° | 128.7 | 75.5  | 35.5  | 0.0 |
| 50°   | 137.6 | 79.9  | 35.5  | 0.0 |
| 47.5° | 142.0 | 88.8  | 40.0  | 0.0 |
| 45°   | 150.9 | 93.2  | 40.0  | 0.0 |
| 42.5° | 159.8 | 97.7  | 44.4  | 0.0 |
| 40°   | 168.7 | 102.1 | 44.4  | 0.0 |
| 37.5° | 177.6 | 106.5 | 44.4  | 0.0 |
| 35°   | 182.0 | 111.0 | 48.8  | 0.0 |
| 32.5° | 190.9 | 115.4 | 48.8  | 0.0 |
| 30°   | 195.3 | 119.9 | 48.8  | 0.0 |
| 27.5° | 199.8 | 124.3 | 53.3  | 0.0 |
| 25°   | 204.2 | 124.3 | 53.3  | 0.0 |
| 22.5° | 208.6 | 128.7 | 53.3  | 0.0 |
| 20°   | 213.1 | 133.2 | 53.3  | 0.0 |
| 17.5° | 217.5 | 133.2 | 53.3  | 0.0 |
| 15°   | 221.9 | 137.6 | 57.7  | 0.0 |
| 12.5° | 226.4 | 137.6 | 57.7  | 0.0 |
| 10°   | 226.4 | 142.0 | 57.7  | 0.0 |
| 7.5°  | 230.8 | 142.0 | 57.7  | 0.0 |
| 5°    | 230.8 | 142.0 | 57.7  | 0.0 |
| 2.5°  | 230.8 | 142.0 | 57.7  | 0.0 |
| 0°    | 230.8 | 142.0 | 57.7  | 0.0 |

(END OF REPORT)