

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: P623676

Luminaire Tested: **IFLD-S-SA6A-740-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623676  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6A-740-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 28141.8 lumens                       | Max Intensity:       | 34390.4 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 148.4 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:      | 13987.2 lumens  | Field Lumens:      | 18190.7 lumens  |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

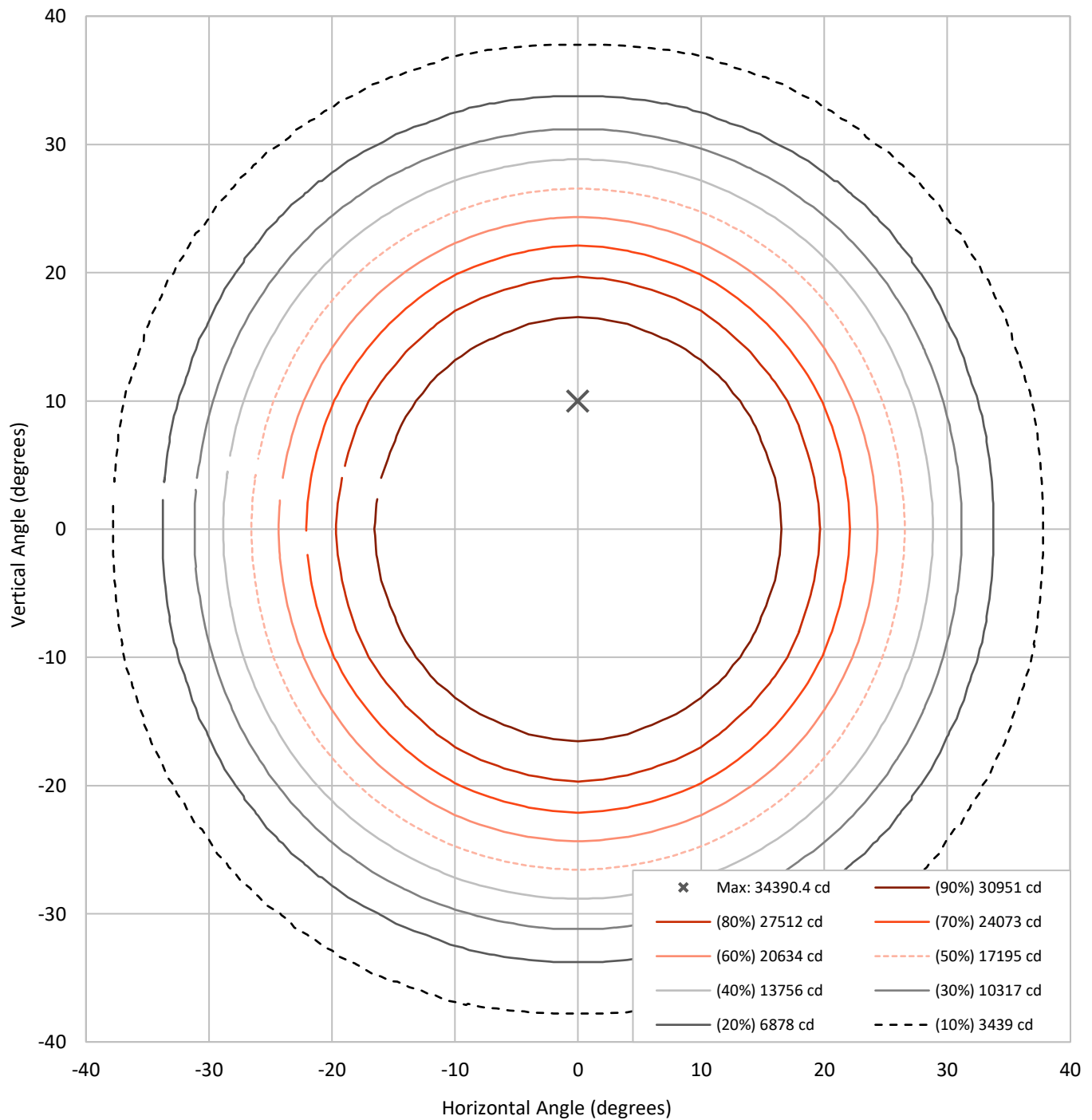
Input Watts (W): 189.6  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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## Iso-Candela Plot



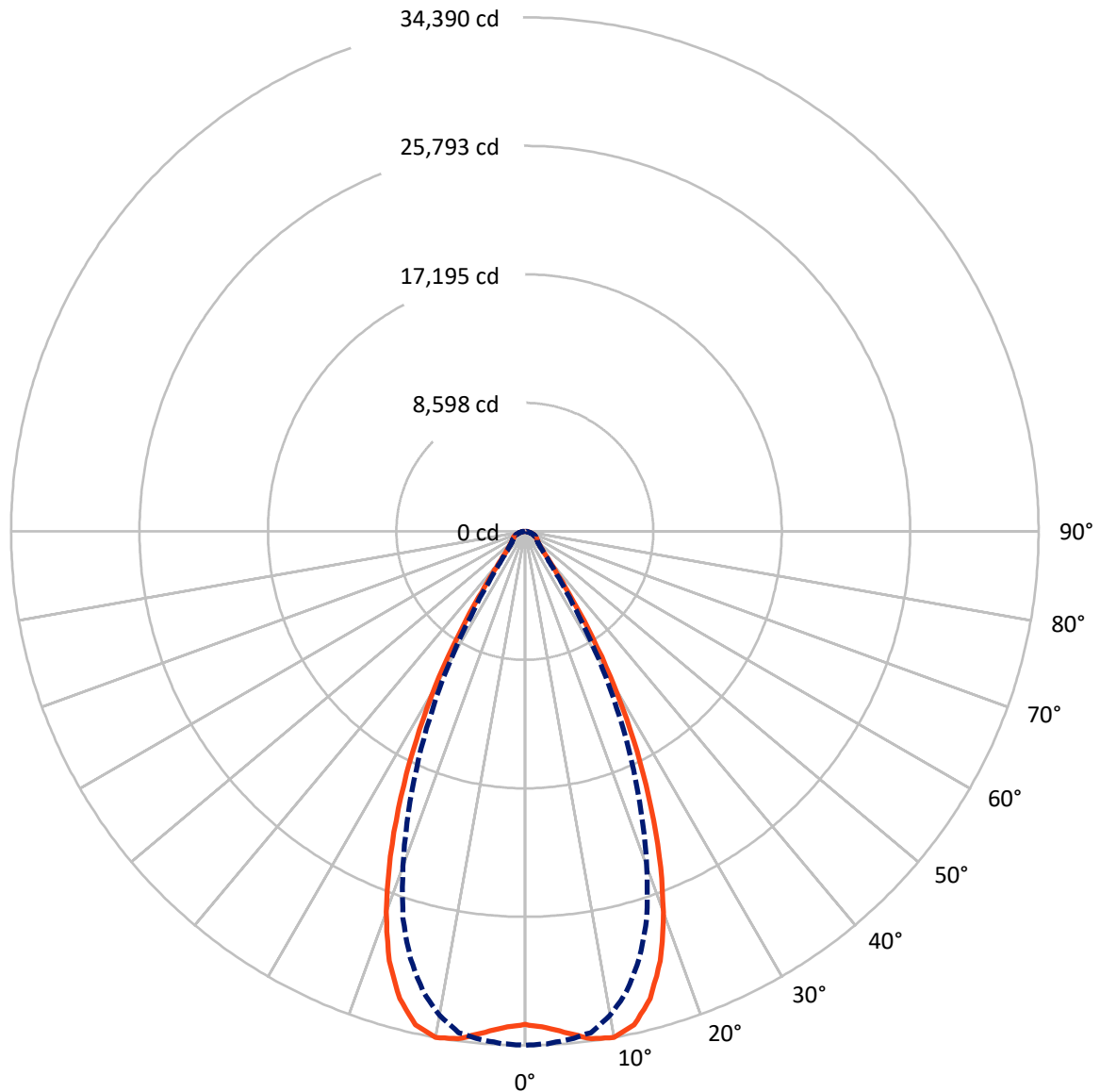
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## Lumen Table

|     |                            |     |     |      |      |       |       |       |        |        |       |       |       |      |      |     |     |    |    |
|-----|----------------------------|-----|-----|------|------|-------|-------|-------|--------|--------|-------|-------|-------|------|------|-----|-----|----|----|
| 90  |                            |     |     |      |      |       |       |       |        |        |       |       |       |      |      |     |     |    |    |
| 80  | 0.8                        |     | 6.2 |      | 16.1 |       | 26.0  |       | 30.1   |        | 26.0  |       | 16.1  |      | 6.2  |     | 0.8 |    |    |
| 70  | 2.8                        |     | 3.1 | 6.4  | 10.5 | 14.8  | 18.5  | 21.1  | 22.5   | 22.5   | 21.1  | 18.5  | 14.8  | 10.5 | 6.4  | 3.1 | 2.8 |    |    |
| 60  |                            |     | 4.7 | 9.7  | 15.4 | 20.7  | 25.2  | 28.6  | 30.5   | 30.5   | 28.6  | 25.2  | 20.7  | 15.4 | 9.7  | 4.7 |     |    |    |
| 50  | 5.0                        |     | 6.4 | 12.6 | 19.0 | 25.5  | 33.0  | 41.7  | 48.5   | 48.5   | 41.7  | 33.0  | 25.5  | 19.0 | 12.6 | 6.4 | 5.0 |    |    |
| 40  |                            |     | 7.7 | 14.6 | 22.0 | 33.4  | 59.5  | 116.2 | 175.2  | 175.2  | 116.2 | 59.5  | 33.4  | 22.0 | 14.6 | 7.7 |     |    |    |
| 30  | 6.7                        |     | 8.7 | 16.0 | 25.8 | 54.0  | 171.9 | 398.4 | 565.5  | 565.5  | 398.4 | 171.9 | 54.0  | 25.8 | 16.0 | 8.7 | 6.7 |    |    |
| 20  |                            |     | 9.3 | 17.1 | 30.8 | 99.6  | 375.3 | 734.3 | 936.0  | 936.0  | 734.3 | 375.3 | 99.6  | 30.8 | 17.1 | 9.3 |     |    |    |
| 10  | 7.3                        |     | 9.7 | 17.7 | 34.8 | 146.2 | 517.0 | 908.4 | 1030.1 | 1030.1 | 908.4 | 517.0 | 146.2 | 34.8 | 17.7 | 9.7 | 7.3 |    |    |
| 0   |                            |     | 9.7 | 17.7 | 34.8 | 146.2 | 517.0 | 908.4 | 1030.1 | 1030.1 | 908.4 | 517.0 | 146.2 | 34.8 | 17.7 | 9.7 |     |    |    |
| -10 | 6.7                        |     | 9.3 | 17.1 | 30.8 | 99.6  | 375.3 | 734.3 | 936.0  | 936.0  | 734.3 | 375.3 | 99.6  | 30.8 | 17.1 | 9.3 | 6.7 |    |    |
| -20 |                            |     | 8.7 | 16.0 | 25.8 | 54.0  | 171.9 | 398.4 | 565.5  | 565.5  | 398.4 | 171.9 | 54.0  | 25.8 | 16.0 | 8.7 |     |    |    |
| -30 | 5.0                        |     | 7.7 | 14.6 | 22.0 | 33.4  | 59.5  | 116.2 | 175.2  | 175.2  | 116.2 | 59.5  | 33.4  | 22.0 | 14.6 | 7.7 | 5.0 |    |    |
| -40 |                            |     | 6.4 | 12.6 | 19.0 | 25.5  | 33.0  | 41.7  | 48.5   | 48.5   | 41.7  | 33.0  | 25.5  | 19.0 | 12.6 | 6.4 |     |    |    |
| -50 | 2.8                        |     | 4.7 | 9.7  | 15.4 | 20.7  | 25.2  | 28.6  | 30.5   | 30.5   | 28.6  | 25.2  | 20.7  | 15.4 | 9.7  | 4.7 | 2.8 |    |    |
| -60 |                            |     | 3.1 | 6.4  | 10.5 | 14.8  | 18.5  | 21.1  | 22.5   | 22.5   | 21.1  | 18.5  | 14.8  | 10.5 | 6.4  | 3.1 |     |    |    |
| -70 |                            |     |     |      |      |       |       |       |        |        |       |       |       |      |      |     |     |    |    |
| -80 | 0.8                        |     | 6.2 |      | 16.1 |       | 26.0  |       | 30.1   |        | 26.0  |       | 16.1  |      | 6.2  |     | 0.8 |    |    |
| -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

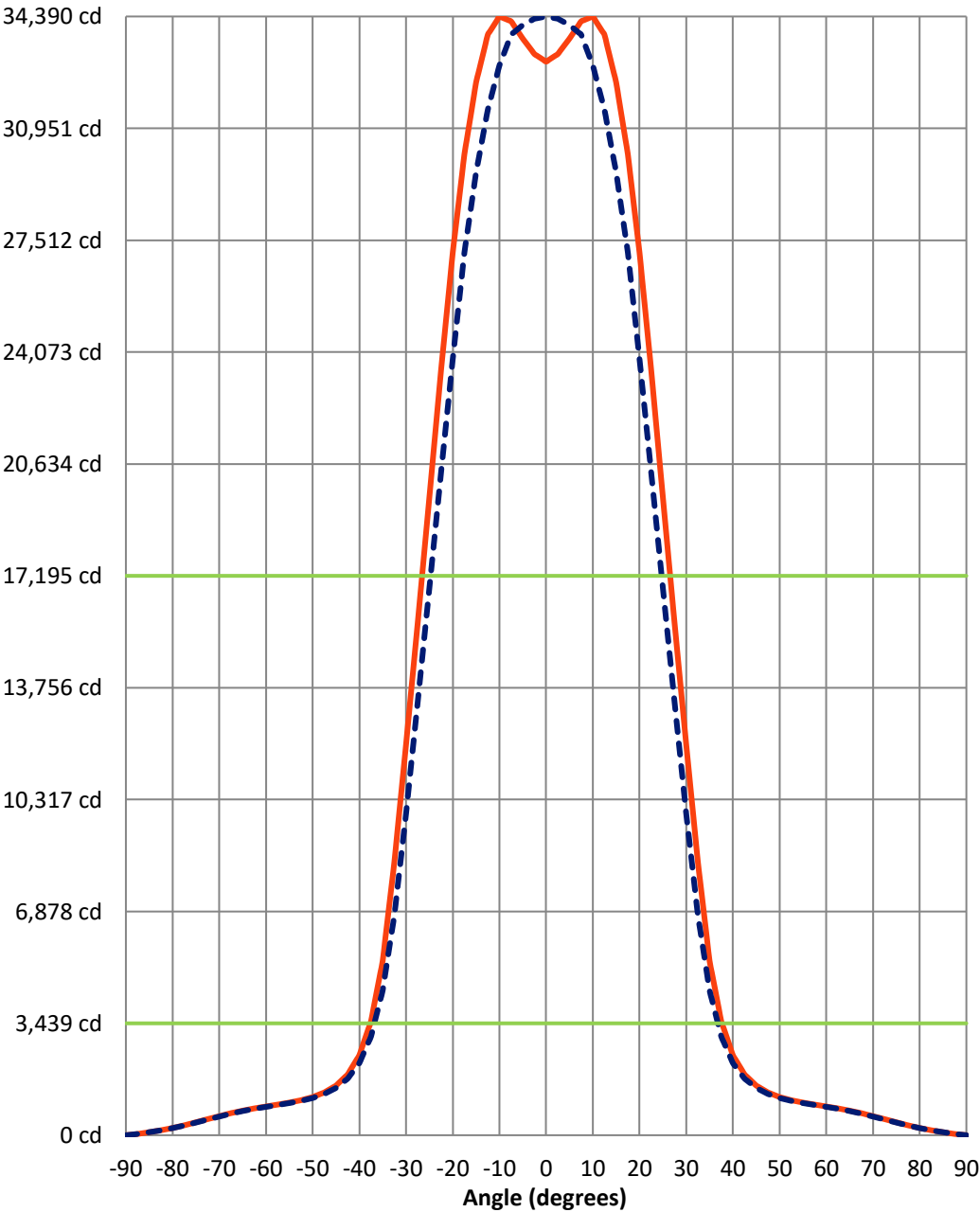


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg



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Luminous Intensity Plot



**Beam:**  
H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 13987.2  
Efficiency: 49.7%

**Field:**  
H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 18190.7  
Efficiency: 64.6%

**Spill:**  
Lumens: 9951  
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° | 38.0    | 38.0    | 38.0    | 38.0    | 38.0    | 38.0    | 38.0    | 35.1    | 35.1    | 35.1    | 35.1    |
| 85°   | 93.5    | 93.5    | 93.5    | 93.5    | 93.5    | 90.6    | 90.6    | 87.7    | 87.7    | 84.8    | 81.9    |
| 82.5° | 152.0   | 152.0   | 152.0   | 152.0   | 149.1   | 149.1   | 146.2   | 143.2   | 140.3   | 137.4   | 134.5   |
| 80°   | 222.2   | 222.2   | 222.2   | 222.2   | 219.3   | 216.3   | 213.4   | 210.5   | 204.6   | 201.7   | 195.9   |
| 77.5° | 304.0   | 304.0   | 304.0   | 301.1   | 298.2   | 295.3   | 289.4   | 283.6   | 277.7   | 271.9   | 266.0   |
| 75°   | 397.6   | 397.6   | 397.6   | 391.7   | 388.8   | 383.0   | 377.1   | 371.3   | 362.5   | 353.7   | 345.0   |
| 72.5° | 494.0   | 494.0   | 494.0   | 488.2   | 482.4   | 476.5   | 470.7   | 461.9   | 453.1   | 441.4   | 429.7   |
| 70°   | 584.7   | 584.7   | 584.7   | 578.8   | 573.0   | 567.1   | 558.4   | 549.6   | 537.9   | 526.2   | 514.5   |
| 67.5° | 678.2   | 678.2   | 678.2   | 669.4   | 663.6   | 657.8   | 649.0   | 637.3   | 625.6   | 611.0   | 596.4   |
| 65°   | 754.2   | 754.2   | 751.3   | 748.4   | 742.5   | 733.8   | 727.9   | 716.2   | 704.5   | 692.8   | 678.2   |
| 62.5° | 824.4   | 824.4   | 821.5   | 818.5   | 812.7   | 803.9   | 795.2   | 786.4   | 774.7   | 760.1   | 745.5   |
| 60°   | 882.9   | 882.9   | 879.9   | 877.0   | 871.2   | 865.3   | 856.5   | 847.8   | 836.1   | 824.4   | 809.8   |
| 57.5° | 941.3   | 941.3   | 938.4   | 935.5   | 929.6   | 920.9   | 912.1   | 903.3   | 891.6   | 877.0   | 862.4   |
| 55°   | 1002.7  | 1002.7  | 999.8   | 993.9   | 988.1   | 979.3   | 970.6   | 958.9   | 944.2   | 929.6   | 915.0   |
| 52.5° | 1075.8  | 1075.8  | 1070.0  | 1064.1  | 1055.3  | 1046.6  | 1031.9  | 1017.3  | 999.8   | 982.2   | 964.7   |
| 50°   | 1172.3  | 1172.3  | 1166.4  | 1157.7  | 1143.0  | 1128.4  | 1110.9  | 1087.5  | 1067.0  | 1043.6  | 1020.3  |
| 47.5° | 1315.5  | 1315.5  | 1303.8  | 1289.2  | 1268.7  | 1245.4  | 1213.2  | 1178.1  | 1148.9  | 1119.6  | 1084.6  |
| 45°   | 1526.0  | 1526.0  | 1508.5  | 1485.1  | 1452.9  | 1412.0  | 1365.2  | 1315.5  | 1265.8  | 1216.1  | 1166.4  |
| 42.5° | 1868.0  | 1868.0  | 1835.9  | 1794.9  | 1739.4  | 1669.2  | 1581.5  | 1499.7  | 1429.5  | 1350.6  | 1283.4  |
| 40°   | 2458.5  | 2458.5  | 2397.2  | 2321.1  | 2215.9  | 2081.4  | 1920.6  | 1792.0  | 1669.2  | 1531.8  | 1438.3  |
| 37.5° | 3508.0  | 3508.0  | 3388.2  | 3242.0  | 3037.4  | 2780.1  | 2470.2  | 2262.7  | 2034.7  | 1818.3  | 1660.5  |
| 35°   | 5361.4  | 5361.4  | 5130.5  | 4846.9  | 4452.3  | 3955.3  | 3426.2  | 3034.4  | 2598.9  | 2265.6  | 1970.3  |
| 32.5° | 8401.7  | 8401.7  | 7986.6  | 7475.0  | 6770.5  | 5878.9  | 5031.1  | 4285.6  | 3508.0  | 2955.5  | 2423.5  |
| 30°   | 12015.0 | 12015.0 | 11471.3 | 10801.8 | 9883.9  | 8726.2  | 7518.9  | 6194.6  | 4966.8  | 3981.6  | 3177.7  |
| 27.5° | 15751.1 | 15596.1 | 15128.4 | 14365.4 | 13318.8 | 12015.0 | 10509.5 | 8799.3  | 7138.8  | 5402.4  | 4253.5  |
| 25°   | 19615.8 | 19434.5 | 18899.5 | 18022.5 | 16823.9 | 15347.6 | 13652.1 | 11740.2 | 9690.9  | 7621.2  | 5633.3  |
| 22.5° | 23521.4 | 23316.7 | 22708.7 | 21717.6 | 20372.9 | 18718.3 | 16797.6 | 14672.3 | 12383.4 | 9992.0  | 7621.2  |
| 20°   | 27131.7 | 26915.4 | 26278.1 | 25246.1 | 23854.6 | 22039.2 | 19905.2 | 17548.9 | 15017.3 | 12383.4 | 9690.9  |
| 17.5° | 30154.5 | 29946.9 | 29333.0 | 28347.8 | 27131.7 | 25123.4 | 22904.5 | 20314.4 | 17548.9 | 14672.3 | 11740.2 |
| 15°   | 32361.6 | 32183.3 | 31660.0 | 30832.7 | 29593.2 | 27815.8 | 25556.0 | 22904.5 | 19905.2 | 16797.6 | 13652.1 |
| 12.5° | 33826.2 | 33683.0 | 33270.8 | 32627.6 | 31516.8 | 30025.8 | 27815.8 | 25123.4 | 22039.2 | 18718.3 | 15347.6 |
| 10°   | 34390.4 | 34320.3 | 34127.3 | 33832.1 | 32884.9 | 31516.8 | 29593.2 | 27131.7 | 23854.6 | 20372.9 | 16823.9 |
| 7.5°  | 34241.3 | 34264.7 | 34331.9 | 34255.9 | 33832.1 | 32627.6 | 30832.7 | 28347.8 | 25246.1 | 21717.6 | 18022.5 |
| 5°    | 33709.3 | 33835.0 | 34147.8 | 34331.9 | 34127.3 | 33270.8 | 31660.0 | 29333.0 | 26278.1 | 22708.7 | 18899.5 |
| 2.5°  | 33235.7 | 33431.6 | 33835.0 | 34264.7 | 34320.3 | 33683.0 | 32183.3 | 29946.9 | 26915.4 | 23316.7 | 19434.5 |
| 0°    | 33001.8 | 33235.7 | 33709.3 | 34241.3 | 34390.4 | 33826.2 | 32361.6 | 30154.5 | 27131.7 | 23521.4 | 19615.8 |

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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° | 35.1    | 32.2    | 32.2   | 32.2   | 29.2   | 29.2   | 29.2   | 26.3   | 26.3   | 23.4   | 23.4   |
| 85°   | 81.9    | 78.9    | 76.0   | 73.1   | 70.2   | 67.2   | 64.3   | 61.4   | 58.5   | 52.6   | 49.7   |
| 82.5° | 131.6   | 128.6   | 125.7  | 119.9  | 116.9  | 111.1  | 105.2  | 99.4   | 93.5   | 90.6   | 84.8   |
| 80°   | 190.0   | 184.2   | 178.3  | 172.5  | 163.7  | 154.9  | 149.1  | 140.3  | 134.5  | 125.7  | 119.9  |
| 77.5° | 257.3   | 248.5   | 239.7  | 228.0  | 219.3  | 210.5  | 198.8  | 190.0  | 178.3  | 166.6  | 154.9  |
| 75°   | 333.3   | 321.6   | 307.0  | 295.3  | 283.6  | 268.9  | 254.3  | 239.7  | 225.1  | 210.5  | 195.9  |
| 72.5° | 415.1   | 400.5   | 385.9  | 371.3  | 353.7  | 333.3  | 315.7  | 295.3  | 277.7  | 260.2  | 239.7  |
| 70°   | 499.9   | 482.4   | 464.8  | 447.3  | 426.8  | 403.4  | 383.0  | 359.6  | 336.2  | 312.8  | 289.4  |
| 67.5° | 578.8   | 561.3   | 540.8  | 523.3  | 499.9  | 476.5  | 450.2  | 423.9  | 397.6  | 368.3  | 339.1  |
| 65°   | 660.7   | 640.2   | 616.8  | 593.4  | 570.1  | 543.7  | 517.4  | 491.1  | 459.0  | 426.8  | 397.6  |
| 62.5° | 727.9   | 710.4   | 689.9  | 666.5  | 640.2  | 611.0  | 584.7  | 549.6  | 517.4  | 485.3  | 447.3  |
| 60°   | 792.2   | 771.8   | 754.2  | 727.9  | 704.5  | 678.2  | 646.1  | 611.0  | 575.9  | 537.9  | 502.8  |
| 57.5° | 847.8   | 830.2   | 809.8  | 786.4  | 760.1  | 733.8  | 704.5  | 672.4  | 631.4  | 593.4  | 552.5  |
| 55°   | 897.5   | 877.0   | 856.5  | 836.1  | 812.7  | 783.5  | 754.2  | 722.1  | 687.0  | 646.1  | 602.2  |
| 52.5° | 947.2   | 926.7   | 903.3  | 882.9  | 856.5  | 830.2  | 801.0  | 768.8  | 733.8  | 695.8  | 649.0  |
| 50°   | 996.9   | 973.5   | 950.1  | 923.8  | 897.5  | 871.2  | 841.9  | 812.7  | 774.7  | 736.7  | 695.8  |
| 47.5° | 1055.3  | 1026.1  | 996.9  | 967.6  | 941.3  | 909.2  | 879.9  | 847.8  | 815.6  | 774.7  | 733.8  |
| 45°   | 1128.4  | 1084.6  | 1049.5 | 1014.4 | 982.2  | 950.1  | 915.0  | 882.9  | 847.8  | 812.7  | 768.8  |
| 42.5° | 1219.0  | 1160.6  | 1113.8 | 1067.0 | 1026.1 | 988.1  | 953.0  | 915.0  | 879.9  | 841.9  | 801.0  |
| 40°   | 1341.8  | 1262.9  | 1186.9 | 1128.4 | 1075.8 | 1029.0 | 988.1  | 950.1  | 909.2  | 871.2  | 830.2  |
| 37.5° | 1502.6  | 1391.5  | 1286.3 | 1201.5 | 1134.3 | 1075.8 | 1026.1 | 982.2  | 941.3  | 897.5  | 856.5  |
| 35°   | 1745.2  | 1552.3  | 1417.8 | 1295.0 | 1201.5 | 1128.4 | 1067.0 | 1014.4 | 967.6  | 923.8  | 882.9  |
| 32.5° | 2087.3  | 1789.1  | 1572.8 | 1417.8 | 1286.3 | 1186.9 | 1113.8 | 1049.5 | 996.9  | 950.1  | 903.3  |
| 30°   | 2537.5  | 2125.3  | 1789.1 | 1552.3 | 1391.5 | 1262.9 | 1160.6 | 1084.6 | 1026.1 | 973.5  | 926.7  |
| 27.5° | 3250.8  | 2537.5  | 2087.3 | 1745.2 | 1502.6 | 1341.8 | 1219.0 | 1128.4 | 1055.3 | 996.9  | 947.2  |
| 25°   | 4253.5  | 3177.7  | 2423.5 | 1970.3 | 1660.5 | 1438.3 | 1283.4 | 1166.4 | 1084.6 | 1020.3 | 964.7  |
| 22.5° | 5402.4  | 3981.6  | 2955.5 | 2265.6 | 1818.3 | 1531.8 | 1350.6 | 1216.1 | 1119.6 | 1043.6 | 982.2  |
| 20°   | 7138.8  | 4966.8  | 3508.0 | 2598.9 | 2034.7 | 1669.2 | 1429.5 | 1265.8 | 1148.9 | 1067.0 | 999.8  |
| 17.5° | 8799.3  | 6194.6  | 4285.6 | 3034.4 | 2262.7 | 1792.0 | 1499.7 | 1315.5 | 1178.1 | 1087.5 | 1017.3 |
| 15°   | 10509.5 | 7518.9  | 5031.1 | 3426.2 | 2470.2 | 1920.6 | 1581.5 | 1365.2 | 1213.2 | 1110.9 | 1031.9 |
| 12.5° | 12015.0 | 8726.2  | 5878.9 | 3955.3 | 2780.1 | 2081.4 | 1669.2 | 1412.0 | 1245.4 | 1128.4 | 1046.6 |
| 10°   | 13318.8 | 9883.9  | 6770.5 | 4452.3 | 3037.4 | 2215.9 | 1739.4 | 1452.9 | 1268.7 | 1143.0 | 1055.3 |
| 7.5°  | 14365.4 | 10801.8 | 7475.0 | 4846.9 | 3242.0 | 2321.1 | 1794.9 | 1485.1 | 1289.2 | 1157.7 | 1064.1 |
| 5°    | 15128.4 | 11471.3 | 7986.6 | 5130.5 | 3388.2 | 2397.2 | 1835.9 | 1508.5 | 1303.8 | 1166.4 | 1070.0 |
| 2.5°  | 15596.1 | 12015.0 | 8401.7 | 5361.4 | 3508.0 | 2458.5 | 1868.0 | 1526.0 | 1315.5 | 1172.3 | 1075.8 |
| 0°    | 15751.1 | 12015.0 | 8401.7 | 5361.4 | 3508.0 | 2458.5 | 1868.0 | 1526.0 | 1315.5 | 1172.3 | 1075.8 |



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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° | 20.5   | 20.5  | 17.5  | 17.5  | 14.6  | 14.6  | 11.7  | 11.7  | 8.8   | 8.8   | 5.8   |
| 85°   | 46.8   | 40.9  | 38.0  | 35.1  | 32.2  | 29.2  | 26.3  | 23.4  | 20.5  | 17.5  | 14.6  |
| 82.5° | 78.9   | 73.1  | 64.3  | 58.5  | 52.6  | 46.8  | 38.0  | 35.1  | 29.2  | 23.4  | 20.5  |
| 80°   | 111.1  | 102.3 | 93.5  | 84.8  | 76.0  | 67.2  | 58.5  | 49.7  | 40.9  | 32.2  | 26.3  |
| 77.5° | 143.2  | 131.6 | 122.8 | 111.1 | 99.4  | 87.7  | 76.0  | 64.3  | 52.6  | 40.9  | 32.2  |
| 75°   | 181.2  | 166.6 | 152.0 | 137.4 | 122.8 | 108.2 | 96.5  | 81.9  | 67.2  | 52.6  | 40.9  |
| 72.5° | 222.2  | 201.7 | 184.2 | 166.6 | 146.2 | 131.6 | 114.0 | 99.4  | 81.9  | 64.3  | 49.7  |
| 70°   | 266.0  | 242.6 | 219.3 | 195.9 | 175.4 | 152.0 | 134.5 | 114.0 | 96.5  | 76.0  | 58.5  |
| 67.5° | 309.9  | 283.6 | 257.3 | 228.0 | 201.7 | 178.3 | 152.0 | 131.6 | 108.2 | 87.7  | 67.2  |
| 65°   | 362.5  | 327.4 | 295.3 | 263.1 | 230.9 | 201.7 | 175.4 | 146.2 | 122.8 | 99.4  | 76.0  |
| 62.5° | 412.2  | 374.2 | 336.2 | 298.2 | 263.1 | 228.0 | 195.9 | 166.6 | 137.4 | 111.1 | 84.8  |
| 60°   | 461.9  | 421.0 | 377.1 | 336.2 | 295.3 | 257.3 | 219.3 | 184.2 | 152.0 | 122.8 | 93.5  |
| 57.5° | 511.6  | 464.8 | 421.0 | 374.2 | 327.4 | 283.6 | 242.6 | 201.7 | 166.6 | 131.6 | 102.3 |
| 55°   | 555.4  | 511.6 | 461.9 | 412.2 | 362.5 | 309.9 | 266.0 | 222.2 | 181.2 | 143.2 | 111.1 |
| 52.5° | 602.2  | 552.5 | 502.8 | 447.3 | 397.6 | 339.1 | 289.4 | 239.7 | 195.9 | 154.9 | 119.9 |
| 50°   | 646.1  | 593.4 | 537.9 | 485.3 | 426.8 | 368.3 | 312.8 | 260.2 | 210.5 | 166.6 | 125.7 |
| 47.5° | 687.0  | 631.4 | 575.9 | 517.4 | 459.0 | 397.6 | 336.2 | 277.7 | 225.1 | 178.3 | 134.5 |
| 45°   | 722.1  | 672.4 | 611.0 | 549.6 | 491.1 | 423.9 | 359.6 | 295.3 | 239.7 | 190.0 | 140.3 |
| 42.5° | 754.2  | 704.5 | 646.1 | 584.7 | 517.4 | 450.2 | 383.0 | 315.7 | 254.3 | 198.8 | 149.1 |
| 40°   | 783.5  | 733.8 | 678.2 | 611.0 | 543.7 | 476.5 | 403.4 | 333.3 | 268.9 | 210.5 | 154.9 |
| 37.5° | 812.7  | 760.1 | 704.5 | 640.2 | 570.1 | 499.9 | 426.8 | 353.7 | 283.6 | 219.3 | 163.7 |
| 35°   | 836.1  | 786.4 | 727.9 | 666.5 | 593.4 | 523.3 | 447.3 | 371.3 | 295.3 | 228.0 | 172.5 |
| 32.5° | 856.5  | 809.8 | 754.2 | 689.9 | 616.8 | 540.8 | 464.8 | 385.9 | 307.0 | 239.7 | 178.3 |
| 30°   | 877.0  | 830.2 | 771.8 | 710.4 | 640.2 | 561.3 | 482.4 | 400.5 | 321.6 | 248.5 | 184.2 |
| 27.5° | 897.5  | 847.8 | 792.2 | 727.9 | 660.7 | 578.8 | 499.9 | 415.1 | 333.3 | 257.3 | 190.0 |
| 25°   | 915.0  | 862.4 | 809.8 | 745.5 | 678.2 | 596.4 | 514.5 | 429.7 | 345.0 | 266.0 | 195.9 |
| 22.5° | 929.6  | 877.0 | 824.4 | 760.1 | 692.8 | 611.0 | 526.2 | 441.4 | 353.7 | 271.9 | 201.7 |
| 20°   | 944.2  | 891.6 | 836.1 | 774.7 | 704.5 | 625.6 | 537.9 | 453.1 | 362.5 | 277.7 | 204.6 |
| 17.5° | 958.9  | 903.3 | 847.8 | 786.4 | 716.2 | 637.3 | 549.6 | 461.9 | 371.3 | 283.6 | 210.5 |
| 15°   | 970.6  | 912.1 | 856.5 | 795.2 | 727.9 | 649.0 | 558.4 | 470.7 | 377.1 | 289.4 | 213.4 |
| 12.5° | 979.3  | 920.9 | 865.3 | 803.9 | 733.8 | 657.8 | 567.1 | 476.5 | 383.0 | 295.3 | 216.3 |
| 10°   | 988.1  | 929.6 | 871.2 | 812.7 | 742.5 | 663.6 | 573.0 | 482.4 | 388.8 | 298.2 | 219.3 |
| 7.5°  | 993.9  | 935.5 | 877.0 | 818.5 | 748.4 | 669.4 | 578.8 | 488.2 | 391.7 | 301.1 | 222.2 |
| 5°    | 999.8  | 938.4 | 879.9 | 821.5 | 751.3 | 678.2 | 584.7 | 494.0 | 397.6 | 304.0 | 222.2 |
| 2.5°  | 1002.7 | 941.3 | 882.9 | 824.4 | 754.2 | 678.2 | 584.7 | 494.0 | 397.6 | 304.0 | 222.2 |
| 0°    | 1002.7 | 941.3 | 882.9 | 824.4 | 754.2 | 678.2 | 584.7 | 494.0 | 397.6 | 304.0 | 222.2 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 5.8   | 2.9  | 2.9   | 0.0 |
| 85°   | 8.8   | 5.8  | 2.9   | 0.0 |
| 82.5° | 14.6  | 8.8  | 5.8   | 0.0 |
| 80°   | 20.5  | 14.6 | 5.8   | 0.0 |
| 77.5° | 23.4  | 17.5 | 8.8   | 0.0 |
| 75°   | 29.2  | 20.5 | 8.8   | 0.0 |
| 72.5° | 35.1  | 23.4 | 11.7  | 0.0 |
| 70°   | 38.0  | 26.3 | 11.7  | 0.0 |
| 67.5° | 46.8  | 29.2 | 14.6  | 0.0 |
| 65°   | 52.6  | 32.2 | 14.6  | 0.0 |
| 62.5° | 58.5  | 35.1 | 17.5  | 0.0 |
| 60°   | 64.3  | 38.0 | 17.5  | 0.0 |
| 57.5° | 73.1  | 40.9 | 20.5  | 0.0 |
| 55°   | 78.9  | 46.8 | 20.5  | 0.0 |
| 52.5° | 84.8  | 49.7 | 23.4  | 0.0 |
| 50°   | 90.6  | 52.6 | 23.4  | 0.0 |
| 47.5° | 93.5  | 58.5 | 26.3  | 0.0 |
| 45°   | 99.4  | 61.4 | 26.3  | 0.0 |
| 42.5° | 105.2 | 64.3 | 29.2  | 0.0 |
| 40°   | 111.1 | 67.2 | 29.2  | 0.0 |
| 37.5° | 116.9 | 70.2 | 29.2  | 0.0 |
| 35°   | 119.9 | 73.1 | 32.2  | 0.0 |
| 32.5° | 125.7 | 76.0 | 32.2  | 0.0 |
| 30°   | 128.6 | 78.9 | 32.2  | 0.0 |
| 27.5° | 131.6 | 81.9 | 35.1  | 0.0 |
| 25°   | 134.5 | 81.9 | 35.1  | 0.0 |
| 22.5° | 137.4 | 84.8 | 35.1  | 0.0 |
| 20°   | 140.3 | 87.7 | 35.1  | 0.0 |
| 17.5° | 143.2 | 87.7 | 35.1  | 0.0 |
| 15°   | 146.2 | 90.6 | 38.0  | 0.0 |
| 12.5° | 149.1 | 90.6 | 38.0  | 0.0 |
| 10°   | 149.1 | 93.5 | 38.0  | 0.0 |
| 7.5°  | 152.0 | 93.5 | 38.0  | 0.0 |
| 5°    | 152.0 | 93.5 | 38.0  | 0.0 |
| 2.5°  | 152.0 | 93.5 | 38.0  | 0.0 |
| 0°    | 152.0 | 93.5 | 38.0  | 0.0 |

(END OF REPORT)