

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: P628218

Luminaire Tested: **IFLD-S-SA6A-730-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628218
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-730-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

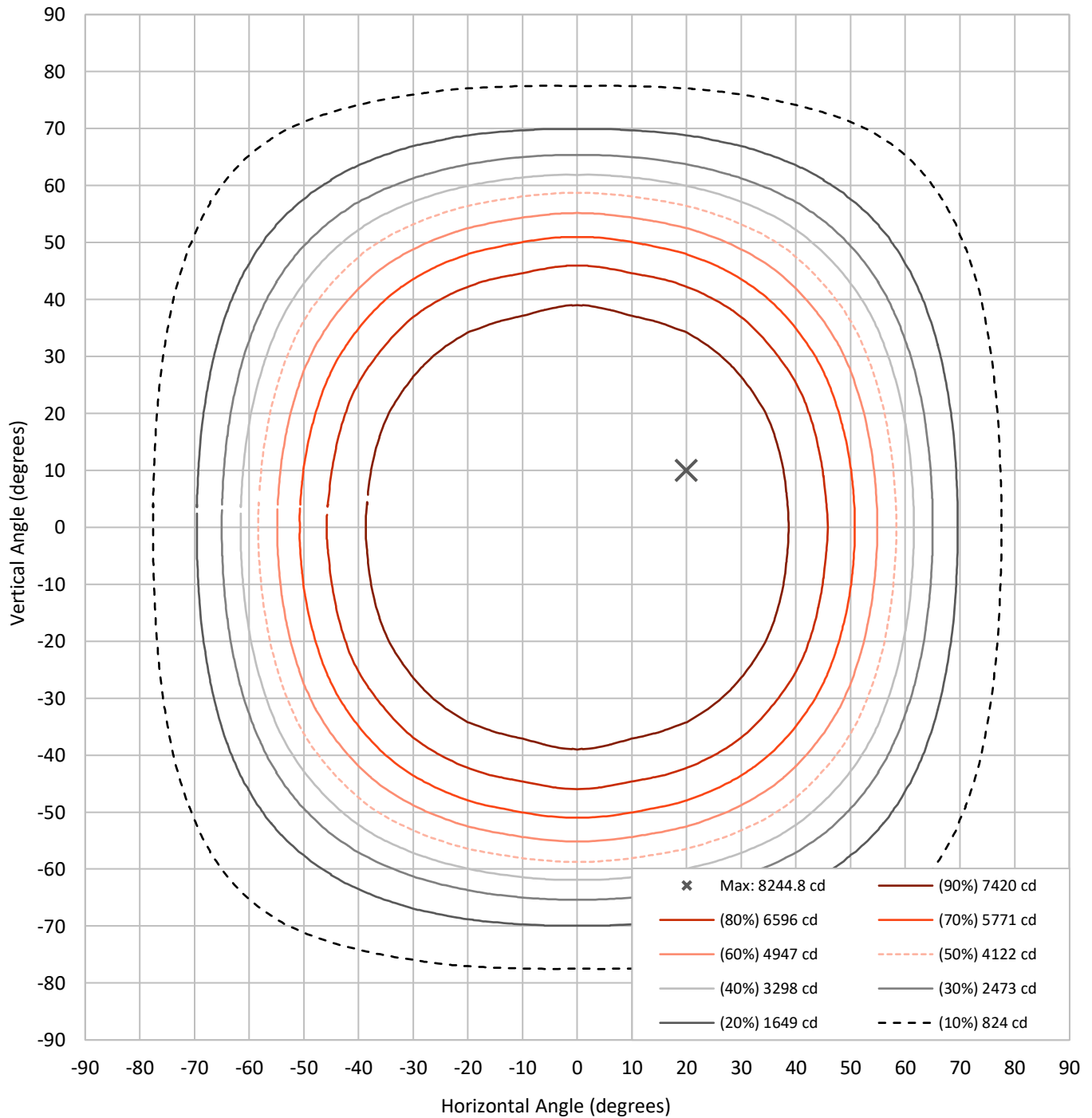
| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 25294 lumens | Max Intensity: | 8244.8 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 133.4 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 115.7°H x 112.9°V | Field Angle (10%): | 154.7°H x 154°V |
| Beam Lumens: | 15520.9 lumens | Field Lumens: | 18606.9 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |

Input Watts (W): 189.6
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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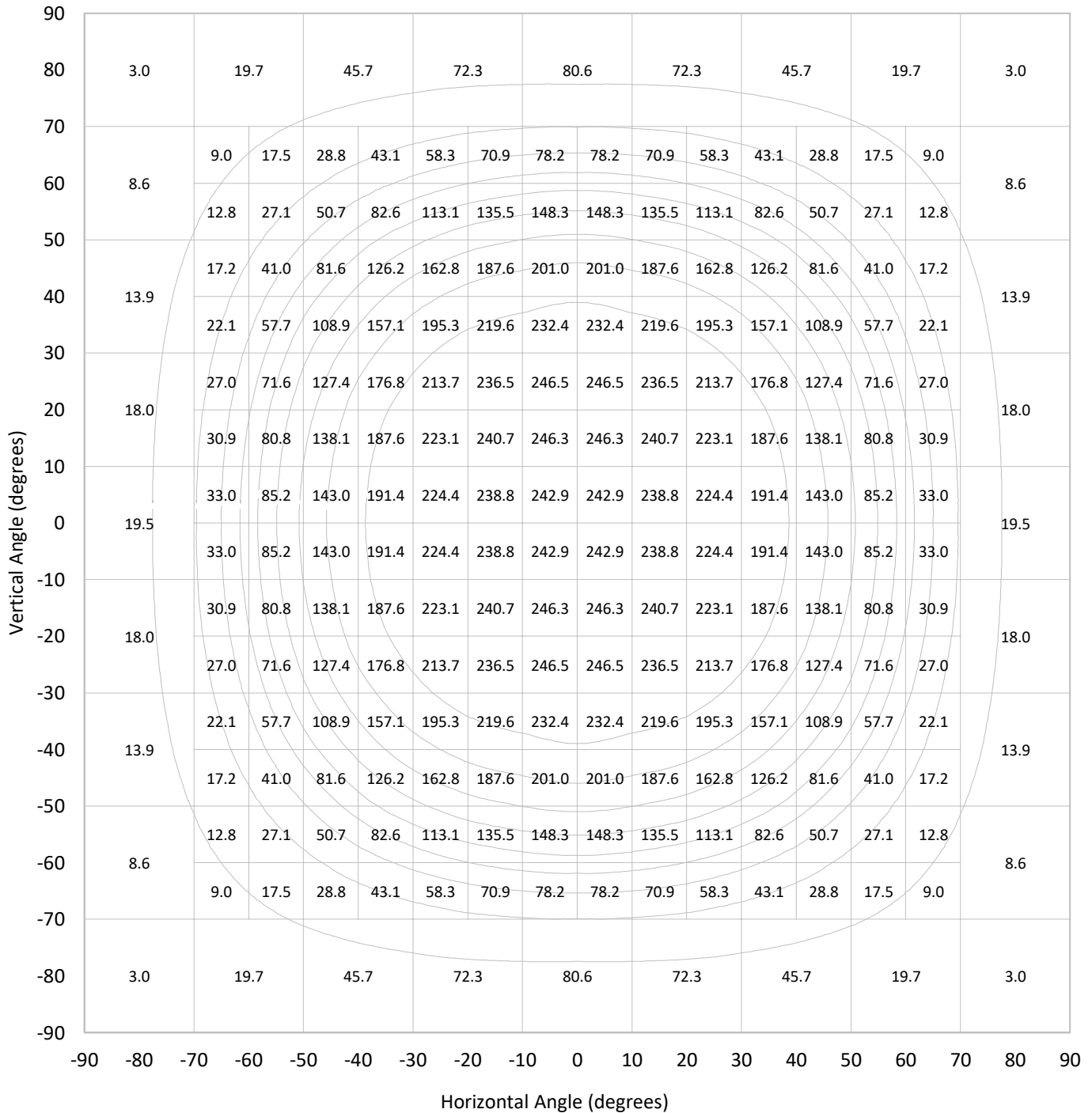
Iso-Candela Plot





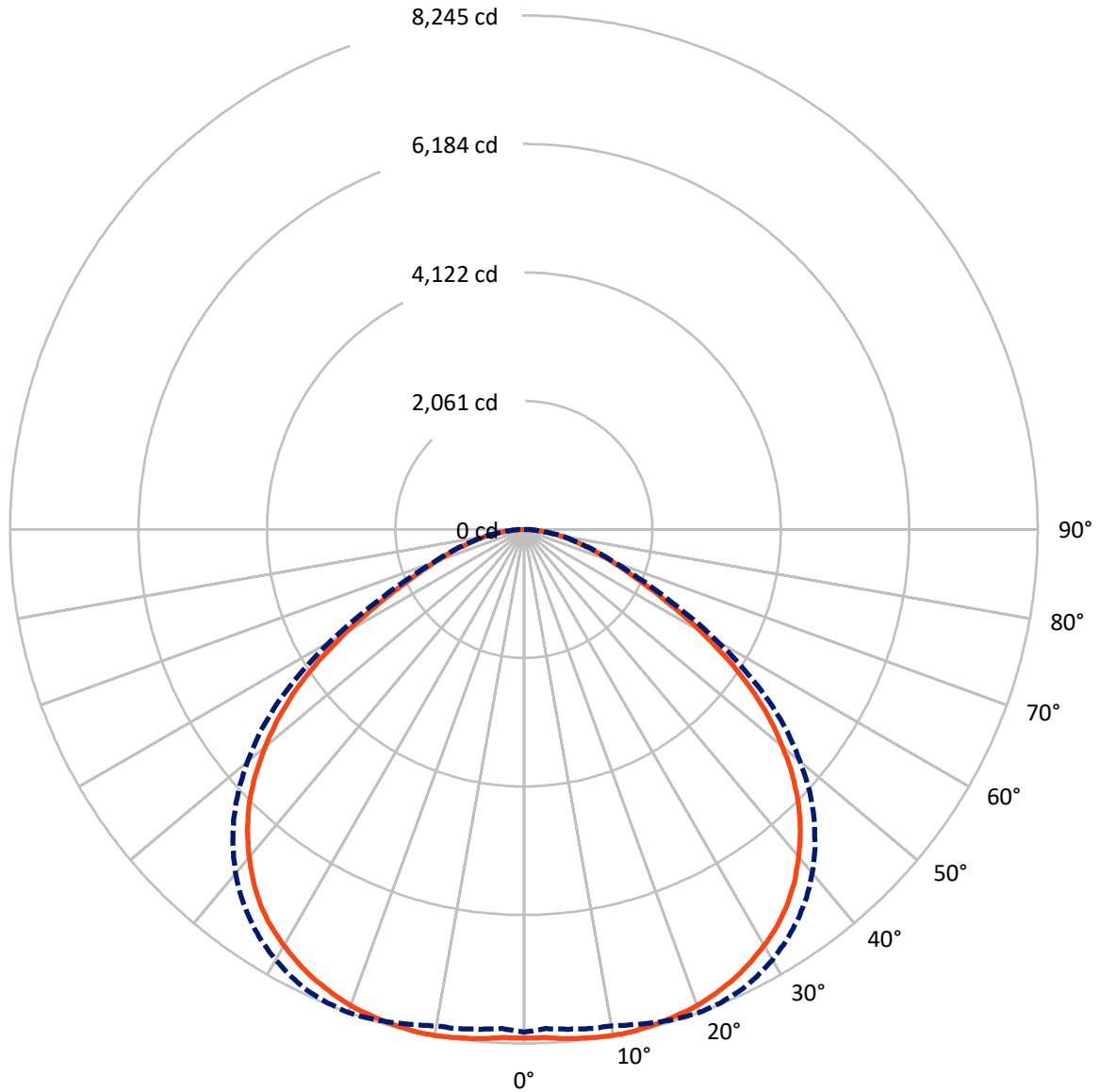
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Lumen Table



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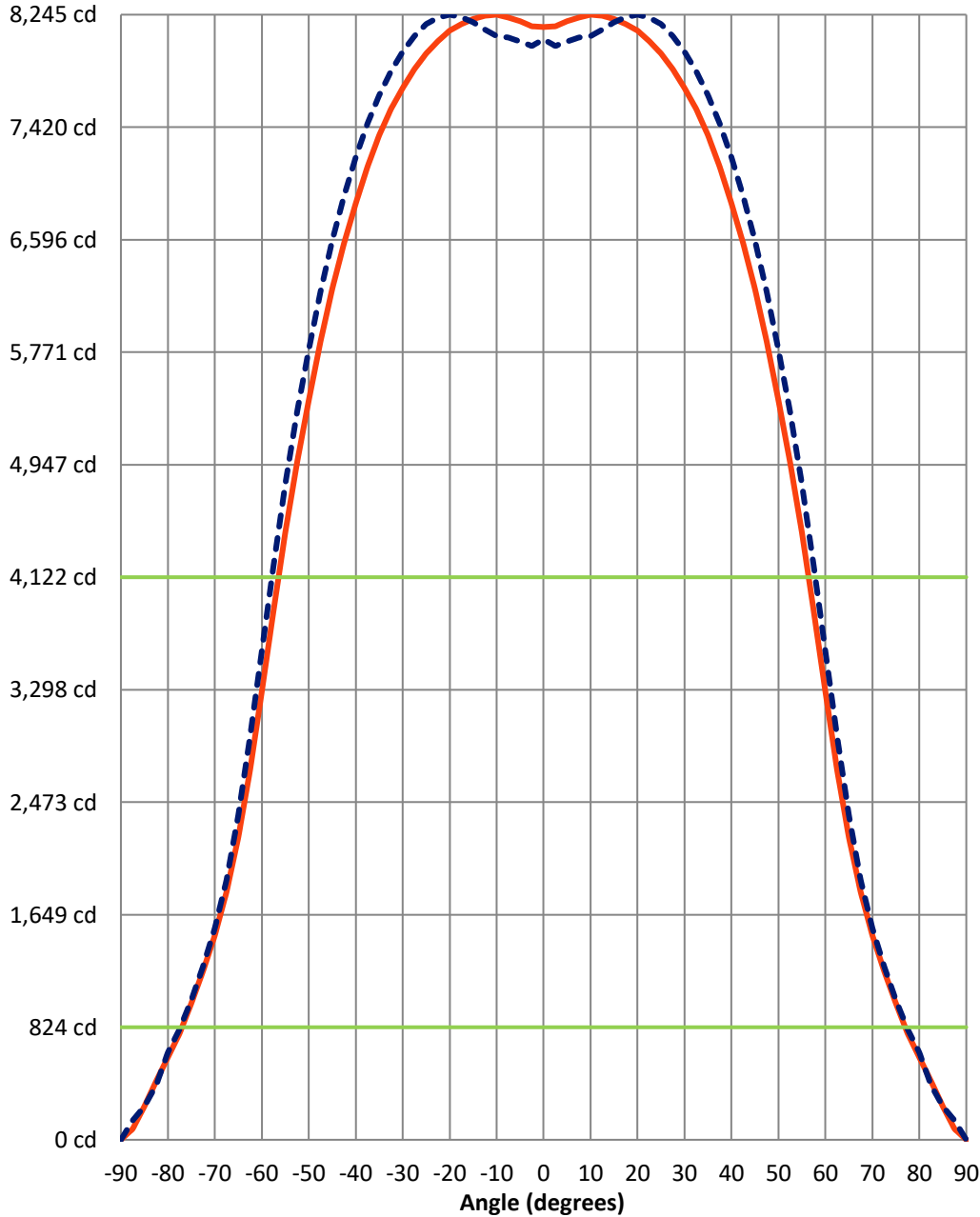
Luminous Intensity Polar Plot



— Vertical Distribution Through 20-Deg - - - Horizontal Distribution Through 10-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 15520.9
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 18606.9
 Efficiency: 73.6%

Spill:
 Lumens: 6687.1
 Efficiency: 26.4%

- Vertical Distribution through 20-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° | 66.5 | 71.9 | 74.5 | 77.2 | 79.8 | 82.5 | 85.2 | 82.5 | 79.8 | 79.8 | 77.2 |
| 85° | 178.3 | 183.6 | 186.3 | 204.9 | 223.6 | 234.2 | 247.5 | 244.8 | 244.8 | 242.2 | 239.5 |
| 82.5° | 356.6 | 372.6 | 385.9 | 404.5 | 415.2 | 431.1 | 441.8 | 433.8 | 428.5 | 417.8 | 409.8 |
| 80° | 633.4 | 638.7 | 641.4 | 644.0 | 630.7 | 628.1 | 622.8 | 614.8 | 604.1 | 590.8 | 577.5 |
| 77.5° | 806.4 | 811.7 | 817.0 | 811.7 | 809.0 | 806.4 | 798.4 | 790.4 | 779.8 | 769.1 | 753.2 |
| 75° | 1067.2 | 1067.2 | 1067.2 | 1059.2 | 1053.9 | 1045.9 | 1032.6 | 1019.3 | 1000.7 | 979.4 | 955.4 |
| 72.5° | 1344.0 | 1341.3 | 1338.7 | 1322.7 | 1309.4 | 1293.4 | 1274.8 | 1258.8 | 1237.5 | 1213.6 | 1181.6 |
| 70° | 1634.1 | 1639.4 | 1642.0 | 1620.8 | 1604.8 | 1583.5 | 1559.5 | 1530.3 | 1498.3 | 1463.7 | 1418.5 |
| 67.5° | 2033.3 | 2027.9 | 2022.6 | 1993.3 | 1972.0 | 1942.8 | 1908.2 | 1865.6 | 1817.7 | 1764.5 | 1700.6 |
| 65° | 2528.3 | 2536.3 | 2520.3 | 2491.0 | 2451.1 | 2403.2 | 2350.0 | 2288.7 | 2216.9 | 2137.1 | 2046.6 |
| 62.5° | 3127.1 | 3140.4 | 3121.7 | 3084.5 | 3033.9 | 2970.1 | 2895.5 | 2807.7 | 2709.2 | 2597.5 | 2485.7 |
| 60° | 3808.4 | 3805.7 | 3771.1 | 3720.5 | 3654.0 | 3574.2 | 3491.7 | 3395.9 | 3284.1 | 3153.7 | 3018.0 |
| 57.5° | 4433.8 | 4428.5 | 4385.9 | 4335.3 | 4268.8 | 4183.6 | 4095.8 | 3994.7 | 3877.6 | 3739.2 | 3582.2 |
| 55° | 4995.3 | 4990.0 | 4947.4 | 4894.2 | 4825.0 | 4739.8 | 4660.0 | 4564.2 | 4449.8 | 4303.4 | 4135.7 |
| 52.5° | 5493.0 | 5495.7 | 5458.4 | 5399.9 | 5325.3 | 5242.8 | 5165.7 | 5069.8 | 4960.7 | 4814.4 | 4652.0 |
| 50° | 5950.7 | 5948.1 | 5908.2 | 5854.9 | 5785.7 | 5705.9 | 5628.7 | 5532.9 | 5418.5 | 5277.4 | 5120.4 |
| 47.5° | 6376.6 | 6371.2 | 6326.0 | 6267.4 | 6195.6 | 6126.4 | 6054.5 | 5969.4 | 5849.6 | 5708.6 | 5551.5 |
| 45° | 6733.2 | 6722.5 | 6677.3 | 6621.4 | 6552.2 | 6491.0 | 6427.1 | 6363.3 | 6235.5 | 6105.1 | 5956.1 |
| 42.5° | 7039.2 | 7036.6 | 6991.3 | 6935.4 | 6866.2 | 6813.0 | 6754.5 | 6674.6 | 6568.2 | 6448.4 | 6302.0 |
| 40° | 7332.0 | 7310.7 | 7265.4 | 7212.2 | 7148.3 | 7103.1 | 7044.6 | 6964.7 | 6860.9 | 6743.8 | 6602.8 |
| 37.5° | 7550.2 | 7552.9 | 7505.0 | 7446.4 | 7390.5 | 7347.9 | 7294.7 | 7220.2 | 7129.7 | 7015.3 | 6874.2 |
| 35° | 7757.8 | 7744.5 | 7704.6 | 7654.0 | 7603.4 | 7555.5 | 7499.6 | 7435.8 | 7361.3 | 7254.8 | 7121.7 |
| 32.5° | 7893.5 | 7912.2 | 7864.2 | 7811.0 | 7781.7 | 7744.5 | 7685.9 | 7619.4 | 7552.9 | 7446.4 | 7326.7 |
| 30° | 8042.6 | 8026.6 | 7989.3 | 7944.1 | 7922.8 | 7898.8 | 7848.3 | 7784.4 | 7707.2 | 7611.4 | 7499.6 |
| 27.5° | 8146.3 | 8138.4 | 8093.1 | 8050.5 | 8039.9 | 8018.6 | 7978.7 | 7922.8 | 7845.6 | 7752.5 | 7648.7 |
| 25° | 8191.6 | 8196.9 | 8154.3 | 8130.4 | 8130.4 | 8117.1 | 8085.1 | 8037.2 | 7960.1 | 7874.9 | 7773.8 |
| 22.5° | 8212.9 | 8207.6 | 8178.3 | 8173.0 | 8186.3 | 8175.6 | 8162.3 | 8119.7 | 8050.5 | 7981.3 | 7896.2 |
| 20° | 8226.2 | 8188.9 | 8162.3 | 8183.6 | 8199.6 | 8196.9 | 8186.3 | 8159.7 | 8127.7 | 8069.2 | 7994.7 |
| 17.5° | 8196.9 | 8173.0 | 8141.0 | 8173.0 | 8207.6 | 8210.2 | 8199.6 | 8183.6 | 8175.6 | 8138.4 | 8071.8 |
| 15° | 8125.1 | 8106.4 | 8111.8 | 8143.7 | 8183.6 | 8196.9 | 8204.9 | 8223.5 | 8212.9 | 8183.6 | 8125.1 |
| 12.5° | 8077.2 | 8053.2 | 8077.2 | 8109.1 | 8130.4 | 8138.4 | 8202.2 | 8236.8 | 8236.8 | 8210.2 | 8173.0 |
| 10° | 8063.8 | 8015.9 | 8047.9 | 8077.2 | 8087.8 | 8135.7 | 8188.9 | 8226.2 | 8244.8 | 8223.5 | 8175.6 |
| 7.5° | 8037.2 | 8005.3 | 8018.6 | 8031.9 | 8093.1 | 8127.7 | 8157.0 | 8196.9 | 8223.5 | 8220.9 | 8178.3 |
| 5° | 8023.9 | 7984.0 | 7989.3 | 8045.2 | 8087.8 | 8111.8 | 8122.4 | 8157.0 | 8196.9 | 8204.9 | 8173.0 |
| 2.5° | 7989.3 | 7970.7 | 8010.6 | 8015.9 | 8047.9 | 8066.5 | 8077.2 | 8109.1 | 8159.7 | 8178.3 | 8165.0 |
| 0° | 7970.7 | 7944.1 | 7917.5 | 7938.8 | 7992.0 | 8031.9 | 8047.9 | 8095.8 | 8154.3 | 8173.0 | 8143.7 |



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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° | 74.5 | 71.9 | 69.2 | 66.5 | 69.2 | 69.2 | 69.2 | 66.5 | 69.2 | 66.5 | 66.5 |
| 85° | 231.5 | 220.9 | 212.9 | 202.3 | 191.6 | 183.6 | 173.0 | 162.3 | 159.7 | 157.0 | 151.7 |
| 82.5° | 399.2 | 385.9 | 372.6 | 356.6 | 340.7 | 322.0 | 303.4 | 282.1 | 276.8 | 271.5 | 263.5 |
| 80° | 561.5 | 542.9 | 524.3 | 505.7 | 489.7 | 471.1 | 449.8 | 425.8 | 409.8 | 396.5 | 380.6 |
| 77.5° | 731.9 | 705.3 | 678.6 | 646.7 | 628.1 | 609.4 | 588.2 | 564.2 | 540.3 | 519.0 | 495.0 |
| 75° | 926.1 | 896.9 | 870.3 | 838.3 | 803.7 | 769.1 | 734.5 | 702.6 | 668.0 | 636.1 | 604.1 |
| 72.5° | 1141.7 | 1099.1 | 1056.6 | 1016.6 | 974.0 | 931.5 | 886.2 | 843.6 | 801.1 | 758.5 | 713.2 |
| 70° | 1367.9 | 1314.7 | 1261.5 | 1208.2 | 1152.4 | 1096.5 | 1043.2 | 990.0 | 936.8 | 880.9 | 830.3 |
| 67.5° | 1634.1 | 1572.8 | 1503.7 | 1429.1 | 1346.6 | 1274.8 | 1205.6 | 1141.7 | 1077.8 | 1014.0 | 950.1 |
| 65° | 1966.7 | 1881.6 | 1788.4 | 1687.3 | 1591.5 | 1495.7 | 1394.5 | 1298.7 | 1224.2 | 1149.7 | 1077.8 |
| 62.5° | 2376.6 | 2256.8 | 2126.4 | 1996.0 | 1878.9 | 1753.8 | 1636.7 | 1511.6 | 1394.5 | 1288.1 | 1200.3 |
| 60° | 2866.3 | 2703.9 | 2544.2 | 2376.6 | 2214.2 | 2043.9 | 1894.9 | 1740.5 | 1594.1 | 1463.7 | 1336.0 |
| 57.5° | 3406.5 | 3217.6 | 3025.9 | 2821.0 | 2600.1 | 2400.5 | 2198.3 | 1996.0 | 1823.0 | 1650.0 | 1506.3 |
| 55° | 3954.7 | 3755.1 | 3539.6 | 3308.0 | 3065.9 | 2810.4 | 2536.3 | 2310.0 | 2073.2 | 1870.9 | 1684.6 |
| 52.5° | 4476.4 | 4268.8 | 4045.2 | 3832.3 | 3542.2 | 3249.5 | 2948.8 | 2650.7 | 2373.9 | 2115.8 | 1889.5 |
| 50° | 4942.1 | 4739.8 | 4524.3 | 4276.8 | 4008.0 | 3696.6 | 3361.3 | 3025.9 | 2698.6 | 2395.2 | 2113.1 |
| 47.5° | 5367.9 | 5171.0 | 4955.4 | 4707.9 | 4463.1 | 4117.1 | 3779.1 | 3409.2 | 3044.6 | 2695.9 | 2365.9 |
| 45° | 5767.1 | 5567.5 | 5344.0 | 5107.1 | 4825.0 | 4516.3 | 4167.7 | 3795.1 | 3403.8 | 3012.6 | 2632.1 |
| 42.5° | 6129.1 | 5929.5 | 5703.2 | 5458.4 | 5179.0 | 4872.9 | 4534.9 | 4159.7 | 3765.8 | 3340.0 | 2922.1 |
| 40° | 6445.8 | 6251.5 | 6033.2 | 5777.8 | 5516.9 | 5194.9 | 4862.3 | 4505.6 | 4098.5 | 3670.0 | 3209.6 |
| 37.5° | 6722.5 | 6541.6 | 6326.0 | 6073.2 | 5796.4 | 5509.0 | 5165.7 | 4809.0 | 4441.8 | 3976.0 | 3505.0 |
| 35° | 6967.4 | 6799.7 | 6578.8 | 6339.3 | 6067.8 | 5764.5 | 5442.4 | 5093.8 | 4697.3 | 4260.8 | 3803.0 |
| 32.5° | 7180.3 | 7010.0 | 6807.7 | 6568.2 | 6304.7 | 6019.9 | 5689.9 | 5338.6 | 4963.4 | 4518.9 | 4021.3 |
| 30° | 7361.3 | 7196.3 | 7004.6 | 6778.4 | 6525.6 | 6243.5 | 5921.5 | 5567.5 | 5184.3 | 4742.5 | 4250.2 |
| 27.5° | 7518.3 | 7361.3 | 7175.0 | 6964.7 | 6722.5 | 6451.1 | 6126.4 | 5769.8 | 5378.6 | 4952.7 | 4460.4 |
| 25° | 7654.0 | 7502.3 | 7329.3 | 7129.7 | 6890.2 | 6624.1 | 6318.0 | 5945.4 | 5554.2 | 5125.7 | 4638.7 |
| 22.5° | 7776.4 | 7630.0 | 7457.1 | 7262.8 | 7044.6 | 6778.4 | 6469.7 | 6099.8 | 5703.2 | 5280.1 | 4801.0 |
| 20° | 7885.5 | 7749.8 | 7579.5 | 7379.9 | 7161.7 | 6892.9 | 6586.8 | 6235.5 | 5836.3 | 5421.1 | 4947.4 |
| 17.5° | 7973.4 | 7853.6 | 7683.3 | 7473.0 | 7254.8 | 6994.0 | 6695.9 | 6373.9 | 5950.7 | 5540.9 | 5069.8 |
| 15° | 8034.6 | 7917.5 | 7763.1 | 7550.2 | 7337.3 | 7079.2 | 6781.1 | 6448.4 | 6054.5 | 5636.7 | 5171.0 |
| 12.5° | 8077.2 | 7952.1 | 7808.4 | 7611.4 | 7398.5 | 7143.0 | 6852.9 | 6525.6 | 6142.4 | 5721.9 | 5258.8 |
| 10° | 8087.8 | 7973.4 | 7829.6 | 7654.0 | 7446.4 | 7198.9 | 6914.2 | 6589.5 | 6214.2 | 5788.4 | 5330.7 |
| 7.5° | 8093.1 | 7984.0 | 7853.6 | 7685.9 | 7481.0 | 7241.5 | 6959.4 | 6640.0 | 6267.4 | 5844.3 | 5383.9 |
| 5° | 8090.5 | 7986.7 | 7869.6 | 7707.2 | 7502.3 | 7265.4 | 6988.7 | 6674.6 | 6304.7 | 5881.6 | 5423.8 |
| 2.5° | 8082.5 | 7989.3 | 7880.2 | 7723.2 | 7526.3 | 7292.1 | 7017.9 | 6714.6 | 6344.6 | 5913.5 | 5455.7 |
| 0° | 8103.8 | 8023.9 | 7885.5 | 7717.9 | 7531.6 | 7292.1 | 7015.3 | 6719.9 | 6349.9 | 5910.8 | 5453.1 |



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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° | 66.5 | 63.9 | 63.9 | 61.2 | 58.5 | 55.9 | 50.6 | 47.9 | 42.6 | 34.6 | 26.6 |
| 85° | 143.7 | 135.7 | 127.7 | 122.4 | 117.1 | 111.8 | 103.8 | 95.8 | 85.2 | 69.2 | 53.2 |
| 82.5° | 252.8 | 236.9 | 220.9 | 202.3 | 186.3 | 170.3 | 157.0 | 143.7 | 127.7 | 103.8 | 79.8 |
| 80° | 361.9 | 338.0 | 314.0 | 287.4 | 263.5 | 236.9 | 212.9 | 191.6 | 170.3 | 138.4 | 106.5 |
| 77.5° | 471.1 | 439.1 | 404.5 | 372.6 | 338.0 | 303.4 | 268.8 | 239.5 | 207.6 | 170.3 | 133.1 |
| 75° | 572.2 | 534.9 | 503.0 | 457.7 | 415.2 | 369.9 | 324.7 | 284.8 | 244.8 | 199.6 | 159.7 |
| 72.5° | 673.3 | 625.4 | 580.2 | 537.6 | 489.7 | 433.8 | 383.2 | 332.7 | 282.1 | 228.9 | 181.0 |
| 70° | 774.4 | 715.9 | 660.0 | 609.4 | 556.2 | 500.3 | 439.1 | 380.6 | 319.4 | 255.5 | 199.6 |
| 67.5° | 878.2 | 811.7 | 747.8 | 684.0 | 622.8 | 558.9 | 495.0 | 428.5 | 356.6 | 282.1 | 220.9 |
| 65° | 992.7 | 910.2 | 833.0 | 761.1 | 689.3 | 620.1 | 548.2 | 476.4 | 396.5 | 311.4 | 239.5 |
| 62.5° | 1107.1 | 1016.6 | 926.1 | 835.7 | 755.8 | 678.6 | 601.5 | 521.6 | 433.8 | 343.3 | 258.1 |
| 60° | 1229.5 | 1125.7 | 1022.0 | 920.8 | 822.4 | 737.2 | 652.0 | 566.9 | 473.7 | 372.6 | 276.8 |
| 57.5° | 1365.3 | 1240.2 | 1123.1 | 1008.6 | 896.9 | 795.7 | 702.6 | 612.1 | 508.3 | 401.9 | 298.1 |
| 55° | 1519.6 | 1365.3 | 1226.9 | 1099.1 | 976.7 | 854.3 | 753.2 | 660.0 | 548.2 | 431.1 | 322.0 |
| 52.5° | 1682.0 | 1503.7 | 1336.0 | 1192.3 | 1061.9 | 923.5 | 801.1 | 697.3 | 588.2 | 460.4 | 343.3 |
| 50° | 1870.9 | 1644.7 | 1458.4 | 1282.8 | 1136.4 | 992.7 | 851.6 | 739.9 | 628.1 | 495.0 | 364.6 |
| 47.5° | 2065.2 | 1815.0 | 1580.8 | 1389.2 | 1216.2 | 1059.2 | 910.2 | 777.1 | 665.3 | 526.9 | 385.9 |
| 45° | 2291.4 | 1977.4 | 1719.2 | 1493.0 | 1293.4 | 1128.4 | 968.7 | 817.0 | 697.3 | 558.9 | 407.2 |
| 42.5° | 2509.6 | 2169.0 | 1862.9 | 1607.4 | 1381.2 | 1194.9 | 1022.0 | 859.6 | 729.2 | 590.8 | 425.8 |
| 40° | 2767.8 | 2360.6 | 2001.3 | 1716.6 | 1469.1 | 1258.8 | 1075.2 | 904.9 | 758.5 | 620.1 | 444.4 |
| 37.5° | 3015.3 | 2554.9 | 2169.0 | 1836.3 | 1554.2 | 1322.7 | 1128.4 | 947.4 | 785.1 | 649.4 | 468.4 |
| 35° | 3260.1 | 2770.5 | 2328.7 | 1948.1 | 1642.0 | 1394.5 | 1181.6 | 987.4 | 811.7 | 673.3 | 489.7 |
| 32.5° | 3494.3 | 2972.7 | 2491.0 | 2073.2 | 1737.9 | 1461.1 | 1229.5 | 1024.6 | 838.3 | 694.6 | 511.0 |
| 30° | 3712.6 | 3164.3 | 2650.7 | 2200.9 | 1825.7 | 1522.3 | 1274.8 | 1061.9 | 870.3 | 713.2 | 532.3 |
| 27.5° | 3912.2 | 3350.6 | 2810.4 | 2320.7 | 1908.2 | 1578.2 | 1322.7 | 1096.5 | 896.9 | 731.9 | 550.9 |
| 25° | 4093.1 | 3518.3 | 2956.7 | 2429.8 | 1982.7 | 1639.4 | 1367.9 | 1131.1 | 920.8 | 747.8 | 566.9 |
| 22.5° | 4263.5 | 3672.6 | 3089.8 | 2538.9 | 2073.2 | 1700.6 | 1410.5 | 1163.0 | 944.8 | 763.8 | 582.8 |
| 20° | 4412.5 | 3813.7 | 3217.6 | 2648.0 | 2153.0 | 1756.5 | 1447.8 | 1192.3 | 966.1 | 774.4 | 598.8 |
| 17.5° | 4532.3 | 3938.8 | 3332.0 | 2743.8 | 2222.2 | 1804.4 | 1479.7 | 1218.9 | 984.7 | 787.8 | 609.4 |
| 15° | 4638.7 | 4045.2 | 3427.8 | 2826.3 | 2283.4 | 1844.3 | 1509.0 | 1240.2 | 1000.7 | 795.7 | 622.8 |
| 12.5° | 4729.2 | 4135.7 | 3510.3 | 2898.2 | 2336.7 | 1878.9 | 1532.9 | 1256.2 | 1014.0 | 803.7 | 630.7 |
| 10° | 4803.7 | 4207.6 | 3579.5 | 2954.1 | 2379.2 | 1905.5 | 1551.6 | 1272.1 | 1024.6 | 811.7 | 638.7 |
| 7.5° | 4859.6 | 4260.8 | 3630.1 | 3002.0 | 2413.8 | 1924.1 | 1567.5 | 1282.8 | 1035.3 | 817.0 | 652.0 |
| 5° | 4902.2 | 4306.0 | 3670.0 | 3033.9 | 2440.4 | 1950.8 | 1586.2 | 1296.1 | 1045.9 | 822.4 | 652.0 |
| 2.5° | 4934.1 | 4343.3 | 3701.9 | 3060.5 | 2461.7 | 1945.4 | 1586.2 | 1293.4 | 1045.9 | 822.4 | 649.4 |
| 0° | 4928.8 | 4346.0 | 3699.3 | 3060.5 | 2461.7 | 1940.1 | 1586.2 | 1290.7 | 1045.9 | 822.4 | 649.4 |



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CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 18.6 | 13.3 | 5.3 | 0.0 |
| 85° | 39.9 | 26.6 | 13.3 | 0.0 |
| 82.5° | 58.5 | 37.3 | 18.6 | 0.0 |
| 80° | 77.2 | 50.6 | 24.0 | 0.0 |
| 77.5° | 98.5 | 63.9 | 31.9 | 0.0 |
| 75° | 117.1 | 74.5 | 37.3 | 0.0 |
| 72.5° | 135.7 | 87.8 | 42.6 | 0.0 |
| 70° | 151.7 | 98.5 | 47.9 | 0.0 |
| 67.5° | 167.7 | 111.8 | 55.9 | 0.0 |
| 65° | 181.0 | 122.4 | 61.2 | 0.0 |
| 62.5° | 191.6 | 135.7 | 66.5 | 0.0 |
| 60° | 204.9 | 146.4 | 71.9 | 0.0 |
| 57.5° | 215.6 | 154.4 | 77.2 | 0.0 |
| 55° | 226.2 | 159.7 | 82.5 | 0.0 |
| 52.5° | 236.9 | 167.7 | 87.8 | 0.0 |
| 50° | 247.5 | 175.6 | 93.1 | 0.0 |
| 47.5° | 258.1 | 181.0 | 95.8 | 0.0 |
| 45° | 274.1 | 189.0 | 101.1 | 0.0 |
| 42.5° | 287.4 | 194.3 | 106.5 | 0.0 |
| 40° | 300.7 | 199.6 | 109.1 | 0.0 |
| 37.5° | 314.0 | 204.9 | 114.4 | 0.0 |
| 35° | 327.3 | 210.2 | 117.1 | 0.0 |
| 32.5° | 338.0 | 215.6 | 119.8 | 0.0 |
| 30° | 348.6 | 220.9 | 122.4 | 0.0 |
| 27.5° | 359.3 | 223.6 | 125.1 | 0.0 |
| 25° | 367.3 | 228.9 | 127.7 | 0.0 |
| 22.5° | 375.2 | 231.5 | 130.4 | 0.0 |
| 20° | 380.6 | 234.2 | 133.1 | 0.0 |
| 17.5° | 388.6 | 236.9 | 135.7 | 0.0 |
| 15° | 391.2 | 239.5 | 141.1 | 0.0 |
| 12.5° | 396.5 | 242.2 | 141.1 | 0.0 |
| 10° | 399.2 | 244.8 | 141.1 | 0.0 |
| 7.5° | 404.5 | 244.8 | 141.1 | 0.0 |
| 5° | 401.9 | 244.8 | 141.1 | 0.0 |
| 2.5° | 401.9 | 244.8 | 141.1 | 0.0 |
| 0° | 399.2 | 244.8 | 141.1 | 0.0 |

(END OF REPORT)