

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: INVUE

Report Number: P673053

Luminaire Tested: **CCP-SA-1C-850-U-T1**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P673053
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-850-U-T1
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T1 distribution lens
Light Source: (16) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

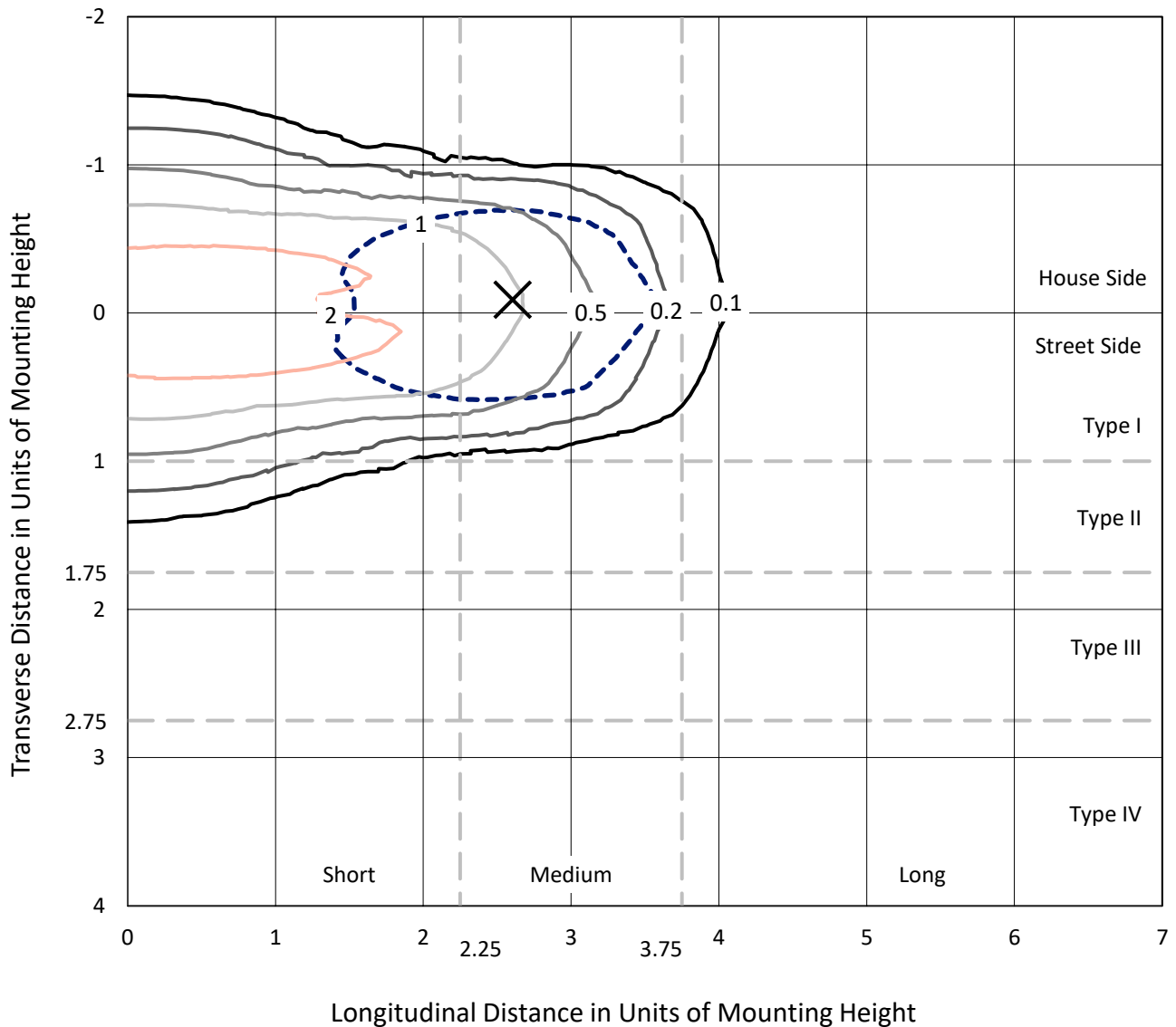
Lumens per Lamp: N/A
Luminaire Lumens: 3841.8 lumens
Efficiency: N/A
Efficacy: 120.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 32
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-Footcandle Lines of Horizontal Illumination

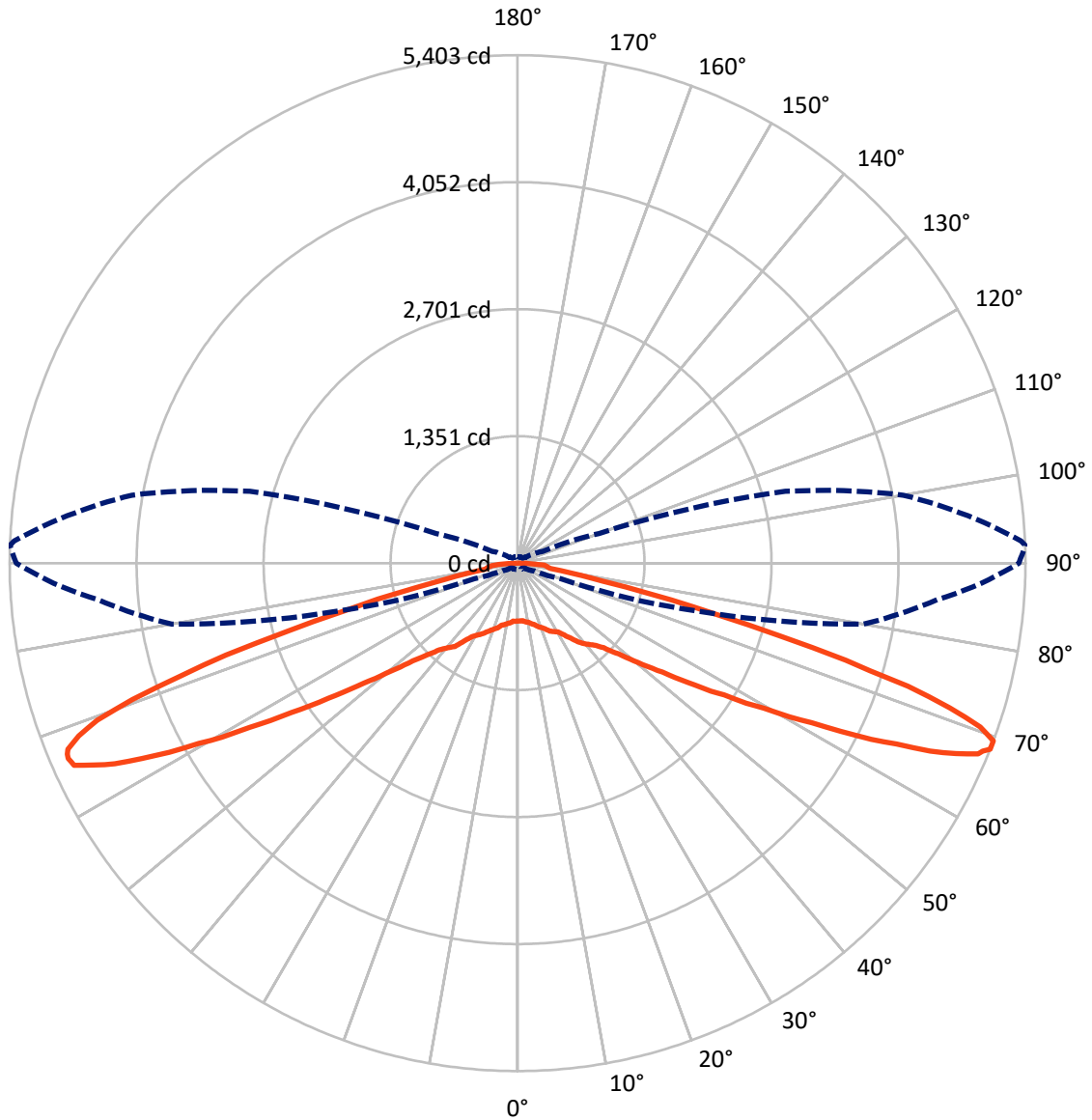
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 92-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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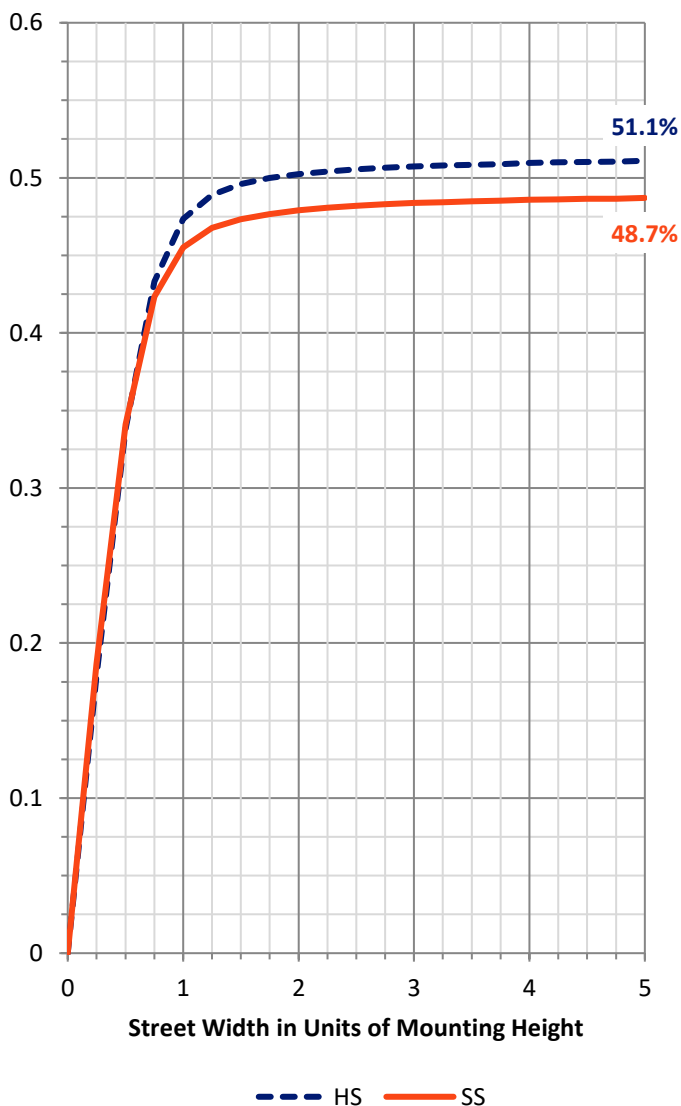
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1978.5 | 0.0 | 1978.5 |
| | % Fixture | 51.5 | 0.0 | 51.5 |
| Street Side | Lumens | 1863.3 | 0.0 | 1863.3 |
| | % Fixture | 48.5 | 0.0 | 48.5 |
| Total | Lumens | 3841.8 | 0.0 | 3841.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 61.5 | 1.6 |
| 10°-20° | 199.3 | 5.2 |
| 20°-30° | 340.1 | 8.9 |
| 30°-40° | 474.9 | 12.4 |
| 40°-50° | 604.1 | 15.7 |
| 50°-60° | 763.8 | 19.9 |
| 60°-70° | 942.0 | 24.5 |
| 70°-80° | 411.5 | 10.7 |
| 80°-90° | 44.6 | 1.2 |
| 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° | 3841.8 | 100.0 |
| 0°-180° | 3841.8 | 100.0 |

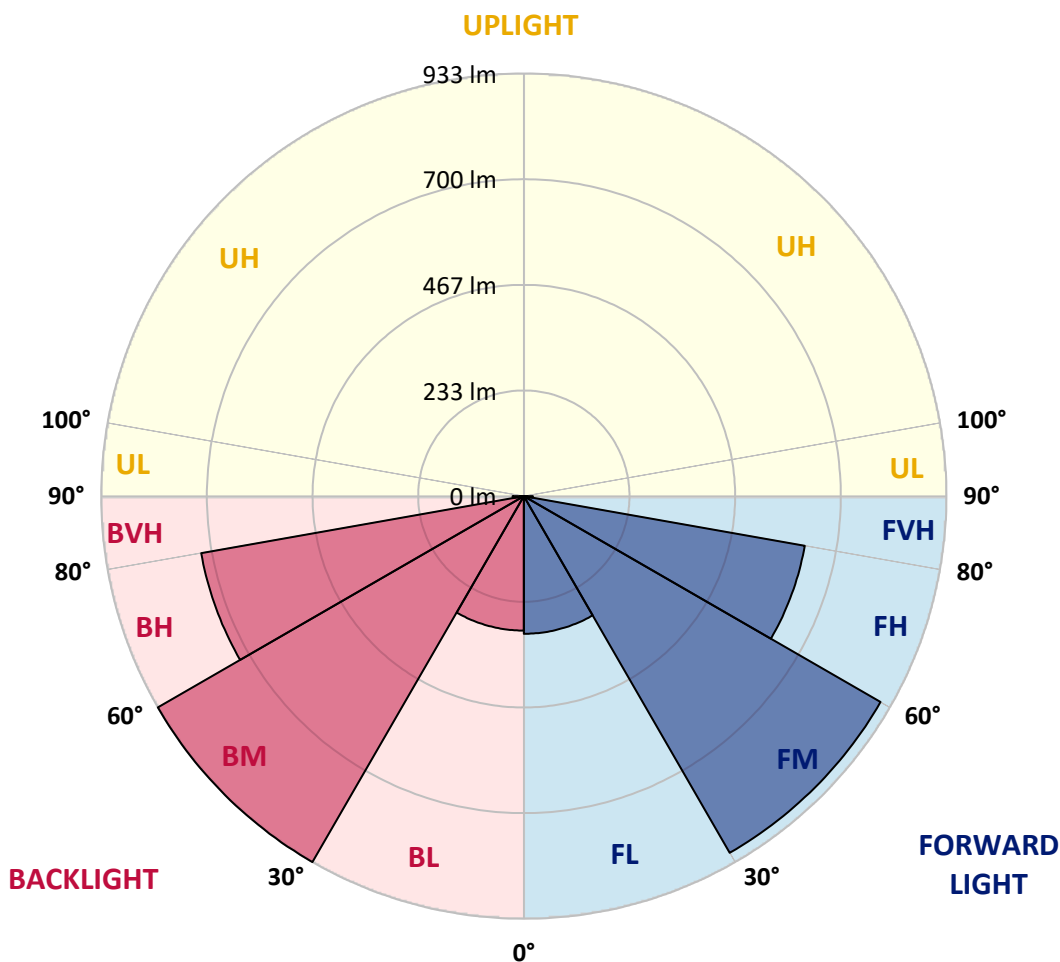


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 304.0 | 7.9 | | | |
| FM (30°-60°) | 909.5 | 23.7 | | | |
| FH (60°-80°) | 630.0 | 16.4 | | | G0/660 |
| FVH (80°-90°) | 19.8 | 0.5 | | | G1/100 |
| BL (0°-30°) | 296.9 | 7.7 | B1/500 | | |
| BM (30°-60°) | 933.3 | 24.3 | B1/1000 | | |
| BH (60°-80°) | 723.5 | 18.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 24.8 | 0.6 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2
 Type I Short





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CATALOG NUMBER: CCP-SA-1C-850-U-T1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 80° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 |
| 2.5° | 627.3 | 626.6 | 628.8 | 630.2 | 623.7 | 625.9 | 624.4 | 623.0 | 617.9 | 615.8 | 611.5 |
| 5° | 644.6 | 646.8 | 654.0 | 647.5 | 650.4 | 646.8 | 635.2 | 638.9 | 632.4 | 630.9 | 626.6 |
| 7.5° | 674.9 | 670.6 | 680.7 | 673.5 | 675.6 | 668.4 | 663.4 | 656.9 | 655.4 | 645.3 | 646.1 |
| 10° | 681.4 | 690.0 | 694.4 | 692.9 | 694.4 | 698.0 | 688.6 | 678.5 | 664.8 | 661.9 | 651.8 |
| 12.5° | 677.1 | 685.0 | 696.5 | 705.9 | 712.4 | 713.8 | 710.2 | 708.1 | 702.3 | 685.7 | 685.0 |
| 15° | 672.7 | 667.0 | 674.2 | 706.6 | 728.3 | 742.7 | 747.7 | 735.5 | 736.9 | 715.3 | 706.6 |
| 17.5° | 643.9 | 635.2 | 663.4 | 695.1 | 721.8 | 753.5 | 778.0 | 774.4 | 774.4 | 757.1 | 744.8 |
| 20° | 605.7 | 620.1 | 634.5 | 674.9 | 723.9 | 771.5 | 818.4 | 816.2 | 807.6 | 802.5 | 775.9 |
| 22.5° | 573.2 | 579.7 | 606.4 | 648.9 | 710.2 | 776.6 | 832.1 | 871.8 | 851.6 | 831.4 | 815.5 |
| 25° | 550.9 | 545.1 | 579.0 | 623.0 | 697.3 | 767.9 | 858.1 | 899.2 | 910.0 | 894.8 | 864.5 |
| 27.5° | 519.2 | 519.2 | 545.8 | 587.7 | 655.4 | 763.6 | 883.3 | 946.0 | 961.9 | 939.5 | 895.5 |
| 30° | 483.1 | 487.4 | 510.5 | 558.1 | 624.4 | 731.9 | 893.4 | 1000.1 | 1013.1 | 993.6 | 948.2 |
| 32.5° | 455.0 | 455.0 | 480.9 | 531.4 | 602.8 | 717.4 | 886.9 | 1053.5 | 1078.0 | 1063.6 | 1016.7 |
| 35° | 424.7 | 422.5 | 441.3 | 496.8 | 568.2 | 689.3 | 884.7 | 1096.0 | 1150.8 | 1151.5 | 1102.5 |
| 37.5° | 381.4 | 390.1 | 413.9 | 457.9 | 540.8 | 661.9 | 878.2 | 1147.2 | 1245.3 | 1261.8 | 1228.0 |
| 40° | 352.6 | 356.2 | 377.8 | 426.1 | 498.2 | 629.5 | 868.9 | 1189.0 | 1308.0 | 1365.0 | 1318.1 |
| 42.5° | 310.8 | 315.8 | 332.4 | 392.3 | 457.1 | 583.3 | 827.8 | 1218.6 | 1397.4 | 1462.3 | 1422.6 |
| 45° | 266.8 | 269.7 | 294.2 | 343.2 | 413.2 | 528.5 | 783.8 | 1266.2 | 1483.9 | 1616.6 | 1593.5 |
| 47.5° | 214.2 | 215.6 | 236.5 | 287.7 | 360.5 | 473.7 | 716.0 | 1264.0 | 1553.9 | 1770.9 | 1835.8 |
| 50° | 167.3 | 170.9 | 186.8 | 228.6 | 297.1 | 406.7 | 637.4 | 1246.7 | 1641.8 | 1946.8 | 2074.5 |
| 52.5° | 133.4 | 134.1 | 144.2 | 177.4 | 229.3 | 339.6 | 553.0 | 1191.9 | 1724.8 | 2119.2 | 2367.2 |
| 55° | 110.3 | 110.3 | 116.1 | 136.3 | 175.9 | 258.1 | 454.3 | 1101.0 | 1734.9 | 2309.5 | 2686.6 |
| 56° | 106.0 | 104.6 | 109.6 | 126.9 | 158.6 | 232.9 | 408.1 | 1039.8 | 1749.3 | 2397.5 | 2846.7 |
| 57° | 100.2 | 100.9 | 103.8 | 116.1 | 142.8 | 206.2 | 356.9 | 979.9 | 1739.2 | 2469.6 | 2965.0 |
| 58° | 97.3 | 95.9 | 101.7 | 109.6 | 126.2 | 183.1 | 321.6 | 909.2 | 1723.3 | 2528.7 | 3137.3 |
| 59° | 93.0 | 92.3 | 95.9 | 103.1 | 117.5 | 163.0 | 278.3 | 832.8 | 1692.3 | 2605.2 | 3265.6 |
| 60° | 91.6 | 90.9 | 92.3 | 98.1 | 108.2 | 142.8 | 245.2 | 743.4 | 1609.4 | 2683.8 | 3425.0 |
| 61° | 87.2 | 88.0 | 90.9 | 94.5 | 102.4 | 128.3 | 220.6 | 651.8 | 1555.3 | 2750.1 | 3600.9 |
| 62° | 88.0 | 86.5 | 88.0 | 90.9 | 96.6 | 118.3 | 193.2 | 561.7 | 1458.7 | 2825.1 | 3732.9 |
| 63° | 83.6 | 82.9 | 85.1 | 88.7 | 91.6 | 106.7 | 168.7 | 485.3 | 1349.1 | 2842.4 | 3844.6 |
| 64° | 82.2 | 81.5 | 82.2 | 87.2 | 88.0 | 100.2 | 149.3 | 414.6 | 1190.5 | 2871.9 | 3988.1 |
| 65° | 78.6 | 78.6 | 80.0 | 82.2 | 85.1 | 94.5 | 133.4 | 359.8 | 1032.5 | 2794.1 | 4032.1 |
| 66° | 75.7 | 76.4 | 76.4 | 80.0 | 82.2 | 88.0 | 122.6 | 305.7 | 881.1 | 2670.1 | 4074.7 |
| 67° | 73.5 | 73.5 | 74.3 | 77.2 | 79.3 | 82.9 | 110.3 | 264.6 | 743.4 | 2522.2 | 4009.0 |
| 67.5° | 72.1 | 72.8 | 72.8 | 75.7 | 77.9 | 82.9 | 105.3 | 250.9 | 664.8 | 2360.0 | 3960.0 |
| 68° | 69.9 | 70.7 | 70.7 | 73.5 | 75.7 | 80.0 | 101.7 | 229.3 | 612.9 | 2254.7 | 3869.2 |
| 69° | 68.5 | 67.8 | 67.8 | 70.7 | 73.5 | 76.4 | 94.5 | 200.5 | 487.4 | 1960.5 | 3736.5 |
| 70° | 64.2 | 64.2 | 65.6 | 67.8 | 69.9 | 72.8 | 87.2 | 176.7 | 412.4 | 1623.1 | 3394.7 |
| 71° | 62.0 | 61.3 | 62.0 | 64.2 | 66.3 | 69.9 | 80.0 | 156.5 | 337.5 | 1347.6 | 3058.7 |
| 72° | 57.7 | 59.1 | 59.1 | 61.3 | 63.5 | 65.6 | 75.0 | 136.3 | 283.4 | 1077.3 | 2688.8 |
| 72.5° | 57.0 | 57.0 | 57.7 | 59.8 | 61.3 | 64.9 | 72.1 | 130.5 | 258.9 | 949.6 | 2533.8 |
| 73° | 54.8 | 54.8 | 55.5 | 57.7 | 59.1 | 62.7 | 69.9 | 117.5 | 235.8 | 845.1 | 2243.9 |
| 74° | 52.6 | 51.9 | 51.9 | 54.8 | 55.5 | 59.1 | 65.6 | 103.8 | 197.6 | 636.7 | 1801.2 |
| 75° | 49.0 | 49.0 | 49.8 | 51.2 | 51.9 | 54.8 | 60.6 | 92.3 | 166.6 | 493.9 | 1408.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 80° |
|-------|------|------|------|------|------|------|------|------|-------|-------|-------|
| 77.5° | 40.4 | 41.1 | 41.8 | 43.3 | 43.3 | 45.4 | 49.8 | 64.2 | 101.7 | 250.2 | 646.8 |
| 80° | 29.6 | 31.0 | 33.2 | 35.3 | 34.6 | 34.6 | 38.9 | 46.1 | 60.6 | 112.5 | 248.0 |
| 82.5° | 23.8 | 25.2 | 23.1 | 26.0 | 26.0 | 24.5 | 28.1 | 33.9 | 41.1 | 55.5 | 88.7 |
| 85° | 15.9 | 16.6 | 13.7 | 15.9 | 15.1 | 15.1 | 18.7 | 20.2 | 25.2 | 31.0 | 44.0 |
| 87.5° | 7.2 | 7.2 | 5.8 | 6.5 | 6.5 | 6.5 | 9.4 | 7.2 | 10.8 | 15.1 | 26.0 |
| 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):

| | 85° | 87.5° | 90° | 92° | 92.5° | 95° | 100° | 105° | 110° | 115° | 125° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 |
| 2.5° | 615.8 | 618.7 | 618.7 | 615.8 | 613.6 | 615.8 | 614.3 | 610.7 | 614.3 | 615.8 | 616.5 |
| 5° | 624.4 | 618.7 | 621.5 | 615.1 | 619.4 | 618.7 | 617.2 | 620.8 | 621.5 | 621.5 | 626.6 |
| 7.5° | 633.8 | 641.0 | 631.6 | 632.4 | 634.5 | 625.9 | 628.8 | 630.2 | 627.3 | 633.1 | 637.4 |
| 10° | 650.4 | 653.3 | 650.4 | 639.6 | 646.8 | 641.0 | 638.9 | 645.3 | 643.9 | 645.3 | 651.8 |
| 12.5° | 665.5 | 670.6 | 662.6 | 661.9 | 658.3 | 653.3 | 656.2 | 655.4 | 665.5 | 667.0 | 674.9 |
| 15° | 696.5 | 683.6 | 680.7 | 680.0 | 678.5 | 676.3 | 677.8 | 678.5 | 691.5 | 693.7 | 712.4 |
| 17.5° | 723.2 | 721.1 | 705.2 | 711.0 | 711.0 | 702.3 | 698.7 | 711.0 | 721.1 | 731.9 | 744.8 |
| 20° | 750.6 | 748.5 | 731.1 | 731.9 | 725.4 | 733.3 | 729.0 | 740.5 | 757.8 | 761.4 | 773.0 |
| 22.5° | 783.1 | 773.7 | 761.4 | 762.9 | 765.0 | 759.3 | 756.4 | 772.2 | 789.6 | 799.6 | 800.4 |
| 25° | 834.3 | 810.5 | 800.4 | 801.8 | 798.9 | 794.6 | 796.8 | 817.0 | 825.6 | 847.2 | 842.9 |
| 27.5° | 861.7 | 848.0 | 840.7 | 824.2 | 824.9 | 818.4 | 827.0 | 857.3 | 874.6 | 891.2 | 858.1 |
| 30° | 894.8 | 886.2 | 854.4 | 848.7 | 848.0 | 845.1 | 860.9 | 899.9 | 925.8 | 935.2 | 887.6 |
| 32.5° | 959.7 | 925.1 | 917.2 | 912.1 | 900.6 | 904.2 | 912.1 | 963.3 | 1004.4 | 1002.3 | 915.0 |
| 35° | 1034.0 | 1010.2 | 987.8 | 983.5 | 982.1 | 972.0 | 985.7 | 1045.5 | 1077.3 | 1067.9 | 925.1 |
| 37.5° | 1153.0 | 1116.9 | 1086.6 | 1070.0 | 1067.2 | 1059.9 | 1092.4 | 1140.0 | 1181.1 | 1144.3 | 933.0 |
| 40° | 1211.4 | 1171.0 | 1142.9 | 1132.8 | 1134.9 | 1145.0 | 1176.8 | 1249.6 | 1267.6 | 1199.8 | 939.5 |
| 42.5° | 1295.0 | 1251.0 | 1195.5 | 1190.5 | 1184.0 | 1189.0 | 1250.3 | 1348.4 | 1363.5 | 1274.8 | 915.0 |
| 45° | 1443.5 | 1377.2 | 1313.0 | 1284.2 | 1285.6 | 1299.3 | 1394.5 | 1502.0 | 1473.8 | 1326.7 | 876.1 |
| 47.5° | 1631.0 | 1533.7 | 1481.8 | 1442.8 | 1461.6 | 1446.4 | 1597.9 | 1683.7 | 1587.8 | 1392.4 | 828.5 |
| 50° | 1912.9 | 1776.7 | 1706.0 | 1659.1 | 1667.1 | 1680.1 | 1833.6 | 1906.5 | 1713.9 | 1424.1 | 755.7 |
| 52.5° | 2268.4 | 2093.2 | 1989.4 | 1926.6 | 1932.4 | 1960.5 | 2158.8 | 2136.5 | 1858.1 | 1450.8 | 658.3 |
| 55° | 2693.8 | 2513.6 | 2312.4 | 2286.5 | 2280.0 | 2347.0 | 2565.5 | 2377.3 | 1987.9 | 1408.2 | 557.4 |
| 56° | 2918.8 | 2727.0 | 2517.9 | 2464.6 | 2448.7 | 2495.6 | 2752.3 | 2497.7 | 2032.6 | 1360.6 | 509.1 |
| 57° | 3109.9 | 2926.7 | 2697.5 | 2606.6 | 2626.8 | 2714.8 | 2937.6 | 2610.9 | 2073.7 | 1311.6 | 463.6 |
| 58° | 3372.4 | 3163.3 | 2921.0 | 2851.8 | 2833.7 | 2903.7 | 3137.3 | 2724.9 | 2087.4 | 1261.1 | 421.8 |
| 59° | 3634.1 | 3383.2 | 3164.7 | 3038.5 | 3043.6 | 3171.2 | 3334.1 | 2860.4 | 2108.4 | 1196.9 | 368.5 |
| 60° | 3833.1 | 3706.9 | 3414.9 | 3320.4 | 3307.5 | 3492.1 | 3530.3 | 2951.3 | 2130.7 | 1110.4 | 331.0 |
| 61° | 4115.0 | 3950.6 | 3678.8 | 3556.9 | 3592.3 | 3740.1 | 3742.3 | 3065.2 | 2097.5 | 1000.8 | 284.8 |
| 62° | 4317.7 | 4274.4 | 3988.9 | 3872.8 | 3862.0 | 4058.1 | 3962.9 | 3165.4 | 2068.7 | 897.0 | 251.6 |
| 63° | 4554.9 | 4554.9 | 4294.6 | 4203.7 | 4208.8 | 4363.8 | 4058.8 | 3265.6 | 2035.5 | 782.3 | 221.4 |
| 64° | 4678.2 | 4833.2 | 4593.1 | 4465.5 | 4498.6 | 4632.8 | 4229.7 | 3331.3 | 1933.1 | 666.3 | 194.7 |
| 65° | 4784.9 | 5017.8 | 4884.4 | 4825.3 | 4774.8 | 4854.1 | 4377.5 | 3392.5 | 1776.7 | 566.7 | 173.1 |
| 66° | 4875.0 | 5191.6 | 5147.6 | 5084.1 | 5079.1 | 5061.1 | 4406.3 | 3390.4 | 1615.2 | 478.8 | 151.4 |
| 67° | 4829.6 | 5195.2 | 5275.2 | 5301.9 | 5294.0 | 5103.6 | 4355.9 | 3313.2 | 1408.2 | 404.5 | 134.8 |
| 67.5° | 4788.5 | 5165.6 | 5351.6 | 5336.5 | 5369.7 | 5139.7 | 4364.5 | 3218.8 | 1261.1 | 366.3 | 126.9 |
| 68° | 4752.5 | 5126.0 | 5382.7 | 5402.1 | 5385.5 | 5144.0 | 4316.9 | 3143.8 | 1160.9 | 343.9 | 119.7 |
| 69° | 4479.2 | 4937.8 | 5332.9 | 5402.8 | 5360.3 | 4978.9 | 4165.5 | 2948.4 | 922.2 | 293.5 | 110.3 |
| 70° | 4205.2 | 4694.0 | 5091.3 | 5219.7 | 5167.1 | 4659.4 | 3974.4 | 2637.6 | 760.7 | 250.9 | 99.5 |
| 71° | 3825.9 | 4241.2 | 4769.8 | 4846.9 | 4783.5 | 4296.0 | 3579.3 | 2309.5 | 592.0 | 212.7 | 88.7 |
| 72° | 3311.1 | 3663.7 | 4168.4 | 4355.2 | 4261.4 | 3773.3 | 3179.8 | 1908.6 | 479.5 | 178.8 | 80.8 |
| 72.5° | 3055.8 | 3417.1 | 3903.8 | 3918.9 | 3936.9 | 3546.1 | 3010.4 | 1676.4 | 418.2 | 165.8 | 78.6 |
| 73° | 2813.5 | 3167.6 | 3588.7 | 3642.0 | 3565.6 | 3163.3 | 2757.3 | 1499.1 | 382.2 | 151.4 | 75.7 |
| 74° | 2280.0 | 2481.9 | 2830.8 | 2882.8 | 2815.7 | 2579.2 | 2253.3 | 1149.4 | 304.3 | 130.5 | 69.2 |
| 75° | 1794.0 | 1905.0 | 2220.8 | 2189.1 | 2088.9 | 2006.0 | 1747.1 | 878.2 | 246.6 | 114.6 | 64.2 |



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 CATALOG NUMBER: CCP-SA-1C-850-U-T1

CANDELA DISTRIBUTION (continued):

| | 85° | 87.5° | 90° | 92° | 92.5° | 95° | 100° | 105° | 110° | 115° | 125° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 77.5° | 806.1 | 873.2 | 925.8 | 925.8 | 931.6 | 889.1 | 805.4 | 403.1 | 152.1 | 82.9 | 52.6 |
| 80° | 307.2 | 343.9 | 355.5 | 356.2 | 361.2 | 374.2 | 348.3 | 198.3 | 90.1 | 59.1 | 42.5 |
| 82.5° | 222.8 | 311.5 | 335.3 | 318.0 | 319.4 | 288.4 | 133.4 | 88.0 | 57.0 | 41.1 | 31.0 |
| 85° | 201.9 | 271.1 | 287.0 | 284.8 | 285.5 | 266.8 | 78.6 | 43.3 | 33.2 | 26.0 | 21.6 |
| 87.5° | 98.1 | 95.9 | 101.7 | 114.6 | 111.8 | 144.9 | 66.3 | 21.6 | 14.4 | 10.8 | 10.8 |
| 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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CATALOG NUMBER: CCP-SA-1C-850-U-T1

CANDELA DISTRIBUTION (continued):

| | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|
| 0° | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 | 614.3 |
| 2.5° | 610.7 | 610.0 | 620.1 | 610.0 | 615.8 | 611.5 |
| 5° | 617.9 | 620.8 | 623.0 | 627.3 | 617.2 | 627.3 |
| 7.5° | 639.6 | 642.5 | 643.2 | 646.8 | 642.5 | 641.7 |
| 10° | 656.2 | 663.4 | 667.7 | 653.3 | 661.9 | 661.2 |
| 12.5° | 688.6 | 681.4 | 680.7 | 677.8 | 669.9 | 667.0 |
| 15° | 711.7 | 700.9 | 694.4 | 682.8 | 673.5 | 669.9 |
| 17.5° | 744.1 | 723.2 | 696.5 | 672.7 | 656.2 | 643.2 |
| 20° | 764.3 | 726.8 | 673.5 | 645.3 | 620.1 | 625.9 |
| 22.5° | 777.3 | 723.2 | 652.6 | 616.5 | 591.3 | 598.5 |
| 25° | 781.6 | 705.2 | 638.1 | 593.4 | 568.9 | 563.9 |
| 27.5° | 769.4 | 684.3 | 610.0 | 559.5 | 537.9 | 542.2 |
| 30° | 763.6 | 654.0 | 584.1 | 534.3 | 505.5 | 509.8 |
| 32.5° | 748.5 | 623.0 | 549.4 | 499.0 | 478.1 | 470.8 |
| 35° | 726.8 | 597.0 | 516.3 | 468.7 | 443.4 | 437.7 |
| 37.5° | 700.1 | 564.6 | 487.4 | 429.7 | 407.4 | 403.1 |
| 40° | 660.5 | 525.6 | 445.6 | 395.9 | 369.9 | 369.2 |
| 42.5° | 625.9 | 488.2 | 406.7 | 355.5 | 329.5 | 331.0 |
| 45° | 581.9 | 437.7 | 362.0 | 318.0 | 292.0 | 293.5 |
| 47.5° | 525.6 | 390.8 | 319.4 | 270.4 | 248.8 | 247.3 |
| 50° | 459.3 | 337.5 | 267.5 | 225.7 | 207.7 | 204.1 |
| 52.5° | 395.9 | 283.4 | 219.2 | 181.7 | 166.6 | 165.1 |
| 55° | 315.8 | 220.6 | 170.9 | 142.8 | 131.2 | 132.0 |
| 56° | 287.0 | 203.3 | 155.7 | 130.5 | 121.9 | 121.9 |
| 57° | 259.6 | 180.3 | 141.3 | 120.4 | 112.5 | 112.5 |
| 58° | 229.3 | 158.6 | 128.3 | 108.9 | 105.3 | 102.4 |
| 59° | 208.4 | 144.2 | 116.1 | 103.1 | 97.3 | 96.6 |
| 60° | 183.9 | 129.8 | 108.2 | 96.6 | 92.3 | 91.6 |
| 61° | 163.0 | 116.8 | 99.5 | 90.1 | 88.7 | 88.7 |
| 62° | 145.7 | 108.2 | 92.3 | 87.2 | 86.5 | 84.4 |
| 63° | 130.5 | 99.5 | 88.7 | 82.9 | 80.8 | 82.9 |
| 64° | 116.8 | 91.6 | 85.8 | 81.5 | 78.6 | 80.0 |
| 65° | 106.0 | 88.0 | 82.2 | 79.3 | 76.4 | 77.2 |
| 66° | 98.8 | 82.2 | 79.3 | 75.7 | 74.3 | 75.0 |
| 67° | 89.4 | 79.3 | 76.4 | 72.8 | 72.1 | 72.8 |
| 67.5° | 86.5 | 77.2 | 75.0 | 71.4 | 70.7 | 71.4 |
| 68° | 84.4 | 75.7 | 74.3 | 70.7 | 69.9 | 69.2 |
| 69° | 78.6 | 72.8 | 70.7 | 69.2 | 67.8 | 67.1 |
| 70° | 73.5 | 69.9 | 68.5 | 66.3 | 64.9 | 64.2 |
| 71° | 70.7 | 66.3 | 65.6 | 63.5 | 62.0 | 61.3 |
| 72° | 67.1 | 64.2 | 62.7 | 59.8 | 59.1 | 59.8 |
| 72.5° | 66.3 | 62.7 | 62.0 | 59.1 | 58.4 | 58.4 |
| 73° | 64.2 | 59.8 | 60.6 | 57.7 | 56.2 | 57.7 |
| 74° | 59.8 | 58.4 | 57.0 | 54.8 | 54.1 | 54.1 |
| 75° | 56.2 | 54.8 | 53.4 | 51.9 | 51.9 | 51.9 |



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CANDELA DISTRIBUTION (continued):

| | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|
| 77.5° | 47.6 | 46.9 | 47.6 | 44.7 | 44.0 | 43.3 |
| 80° | 38.2 | 38.2 | 38.9 | 36.8 | 35.3 | 34.6 |
| 82.5° | 28.8 | 29.6 | 31.0 | 28.8 | 27.4 | 26.0 |
| 85° | 18.7 | 19.5 | 19.5 | 17.3 | 20.2 | 18.7 |
| 87.5° | 9.4 | 10.1 | 9.4 | 8.7 | 10.1 | 10.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)