

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: P674329

Luminaire Tested: **CCP-SA-1E-835-U-SLR-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674329
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-835-U-SLR-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @1050mA w/ SLR distribution lens and House Side Shield
Light Source: (16) 3500K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4048.6 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

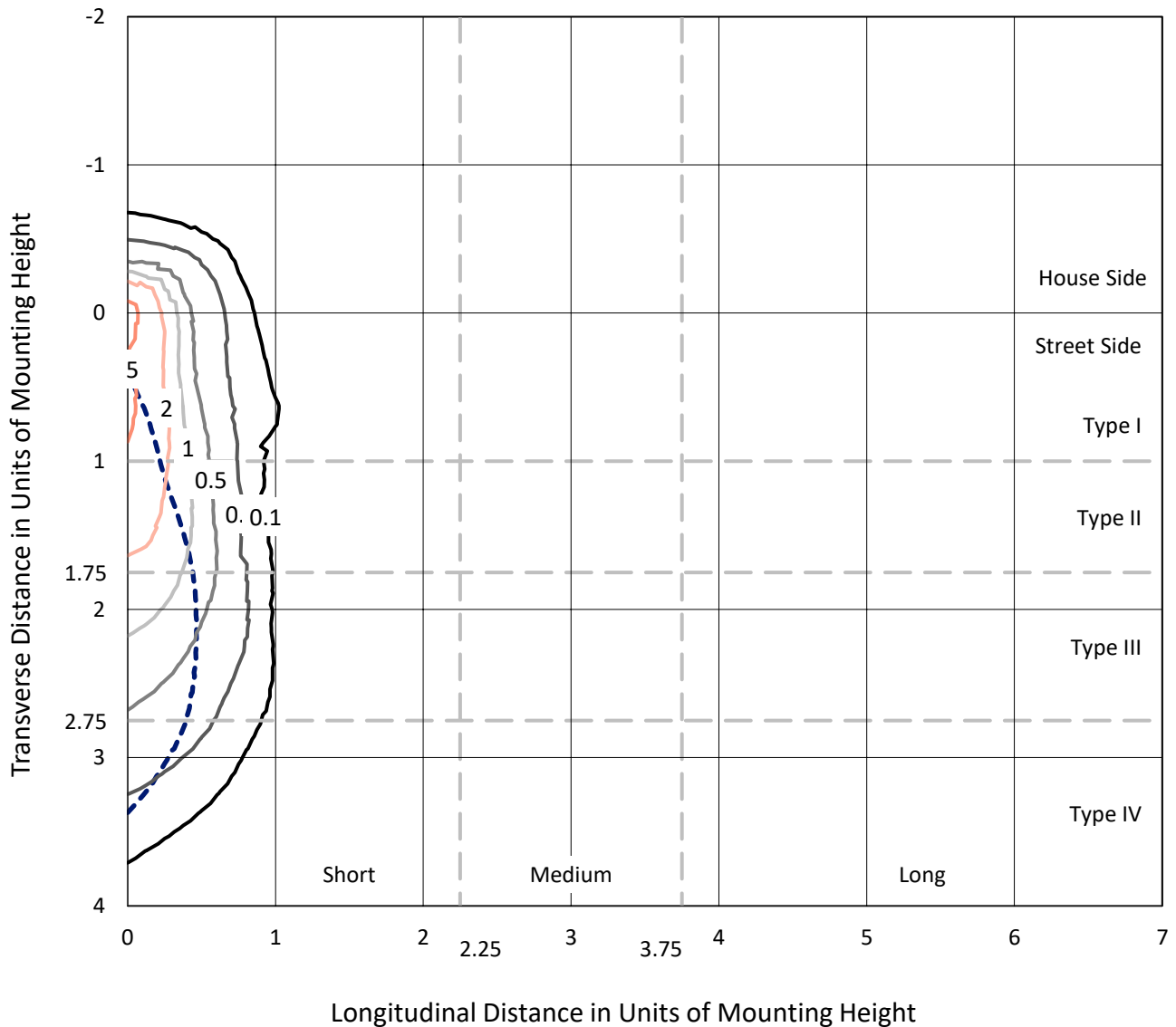
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P674329
 CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

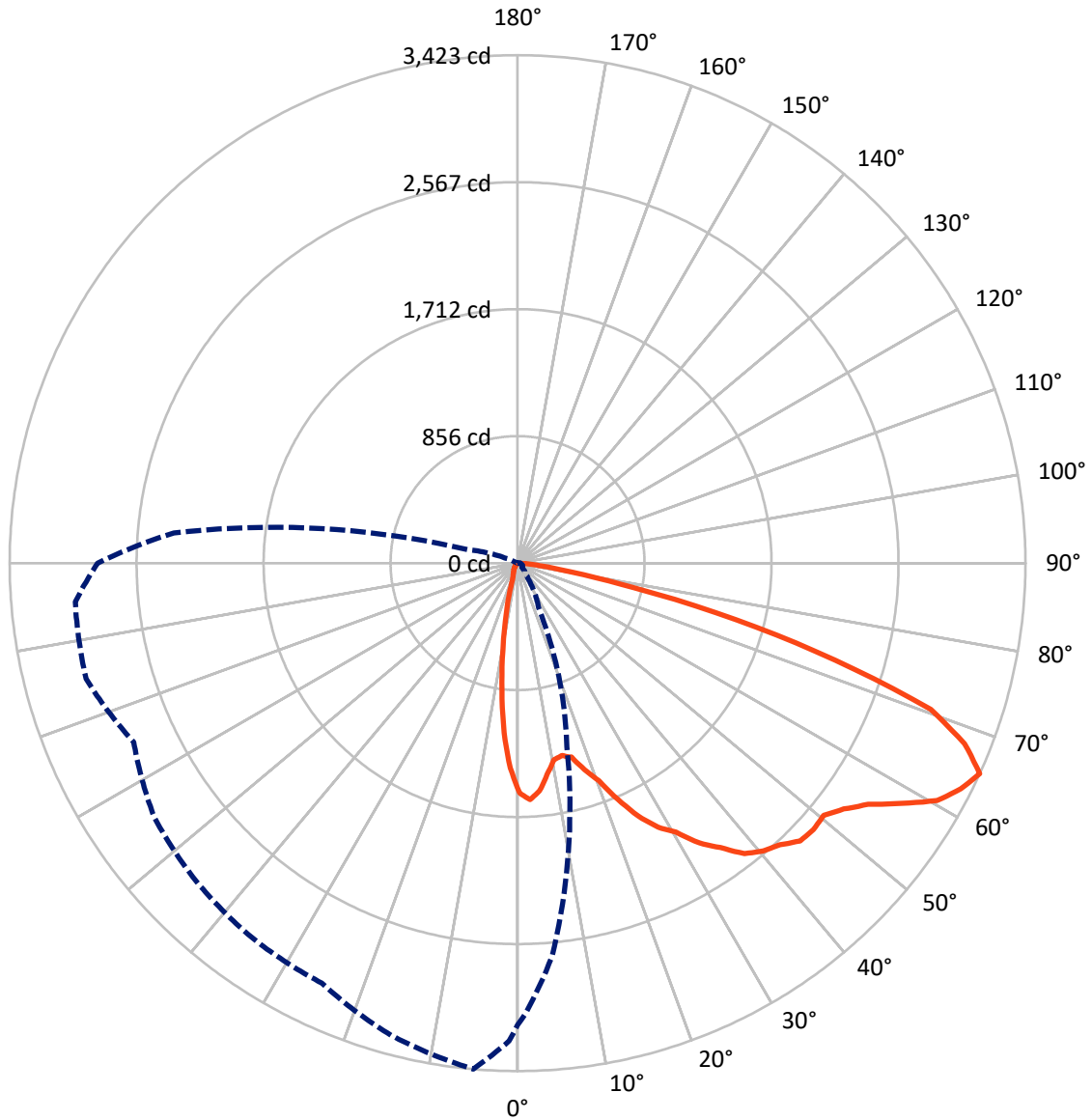
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P674329
CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P674329

CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

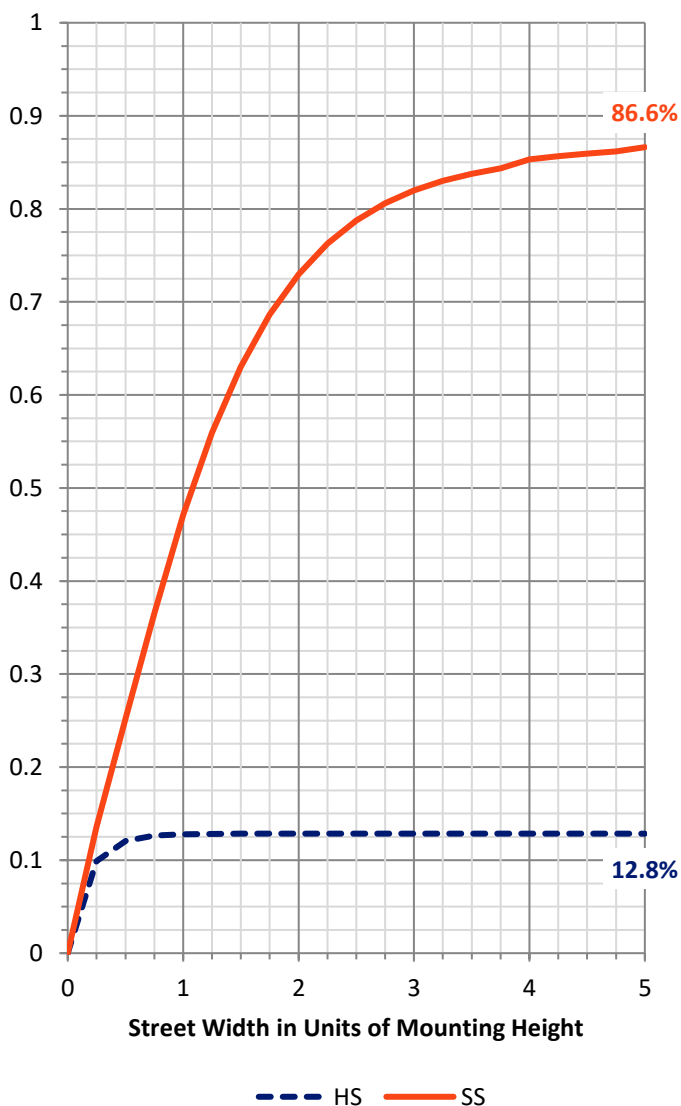
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 525.7 | 0.0 | 525.7 |
| | % Fixture | 13.0 | 0.0 | 13.0 |
| Street Side | Lumens | 3522.9 | 0.0 | 3522.9 |
| | % Fixture | 87.0 | 0.0 | 87.0 |
| Total | Lumens | 4048.6 | 0.0 | 4048.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 117.2 | 2.9 |
| 10°-20° | 227.0 | 5.6 |
| 20°-30° | 316.2 | 7.8 |
| 30°-40° | 449.3 | 11.1 |
| 40°-50° | 623.0 | 15.4 |
| 50°-60° | 848.9 | 21.0 |
| 60°-70° | 933.3 | 23.1 |
| 70°-80° | 458.7 | 11.3 |
| 80°-90° | 74.9 | 1.9 |
| 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° | 4048.6 | 100.0 |
| 0°-180° | 4048.6 | 100.0 |



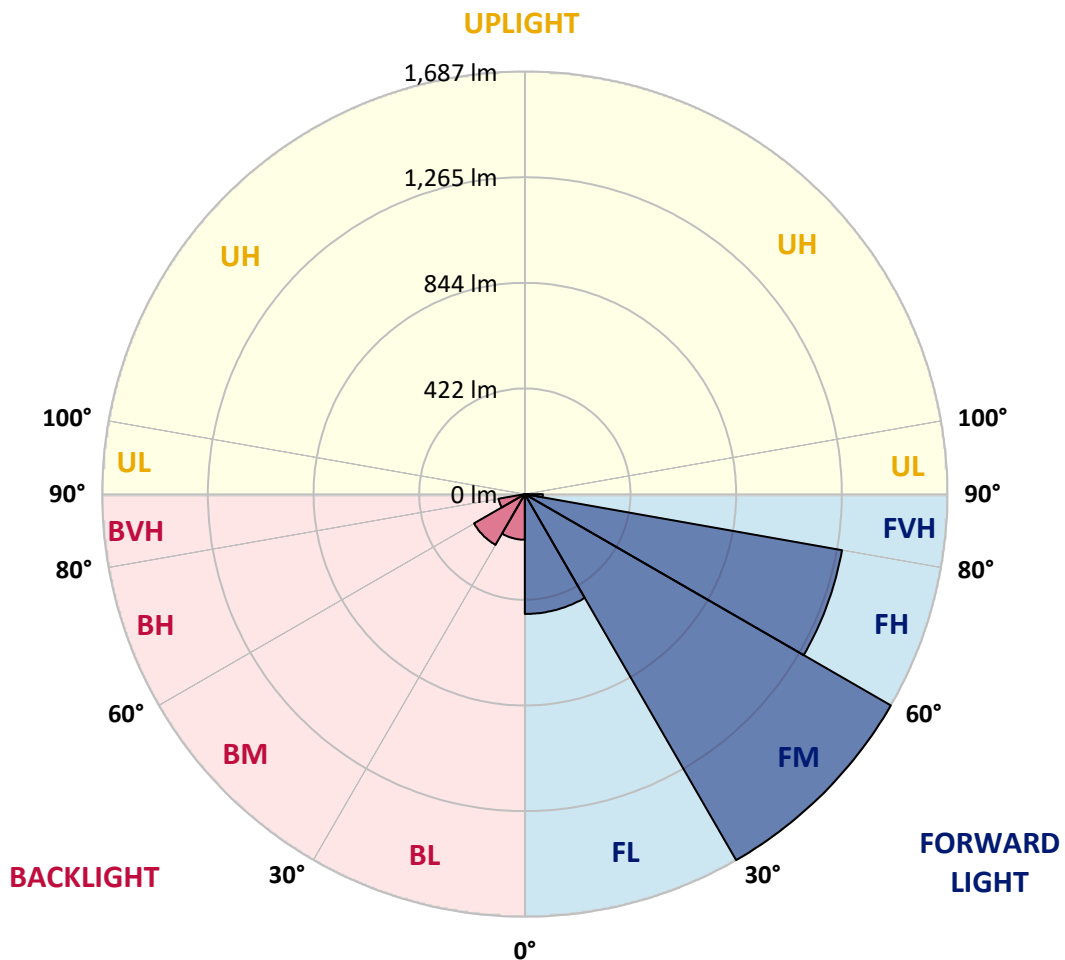
REPORT NUMBER: P674329
 CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 478.5 | 11.8 | | | |
| FM (30°-60°) | 1687.2 | 41.7 | | | |
| FH (60°-80°) | 1285.8 | 31.8 | | | G1/1800 |
| FVH (80°-90°) | 71.5 | 1.8 | | | G1/100 |
| BL (0°-30°) | 182.0 | 4.5 | B1/500 | | |
| BM (30°-60°) | 234.0 | 5.8 | B1/1000 | | |
| BH (60°-80°) | 106.2 | 2.6 | B0/110 | | G0/110 |
| BVH (80°-90°) | 3.4 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P674329
 CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 |
| 2.5° | 1579.4 | 1598.0 | 1580.5 | 1519.4 | 1508.5 | 1479.0 | 1434.2 | 1431.0 | 1384.0 | 1389.5 | 1364.4 |
| 5° | 1484.5 | 1503.0 | 1465.9 | 1385.1 | 1309.8 | 1249.8 | 1213.8 | 1149.4 | 1135.2 | 1103.5 | 1103.5 |
| 7.5° | 1387.3 | 1386.2 | 1322.9 | 1255.2 | 1142.8 | 1032.6 | 982.4 | 889.6 | 835.0 | 805.5 | 777.2 |
| 10° | 1306.5 | 1289.1 | 1249.8 | 1110.1 | 987.8 | 873.2 | 811.0 | 749.9 | 693.1 | 644.0 | 594.9 |
| 12.5° | 1249.8 | 1260.7 | 1198.5 | 1046.8 | 888.5 | 808.8 | 742.2 | 677.8 | 610.2 | 554.5 | 499.9 |
| 15° | 1279.3 | 1261.8 | 1188.7 | 1032.6 | 872.1 | 763.0 | 674.6 | 596.0 | 520.7 | 447.5 | 406.0 |
| 17.5° | 1370.9 | 1326.2 | 1240.0 | 1032.6 | 838.3 | 693.1 | 586.1 | 493.4 | 412.6 | 347.1 | 295.8 |
| 20° | 1494.3 | 1443.0 | 1350.2 | 1070.8 | 813.2 | 641.8 | 495.5 | 378.8 | 294.7 | 233.6 | 194.3 |
| 22.5° | 1620.9 | 1580.5 | 1440.8 | 1086.1 | 783.7 | 573.0 | 390.8 | 274.0 | 196.5 | 157.2 | 137.5 |
| 25° | 1772.6 | 1715.9 | 1563.0 | 1147.2 | 740.0 | 506.5 | 307.8 | 191.0 | 146.3 | 125.5 | 113.5 |
| 27.5° | 1893.8 | 1883.9 | 1677.7 | 1184.3 | 707.3 | 451.9 | 243.4 | 151.7 | 121.2 | 105.9 | 98.2 |
| 30° | 2046.6 | 1993.1 | 1817.4 | 1258.5 | 670.2 | 389.7 | 203.0 | 136.4 | 111.3 | 95.0 | 89.5 |
| 32.5° | 2138.3 | 2113.2 | 1890.5 | 1300.0 | 628.7 | 338.4 | 174.6 | 120.1 | 101.5 | 89.5 | 84.0 |
| 35° | 2271.4 | 2221.2 | 1995.3 | 1326.2 | 606.9 | 308.9 | 157.2 | 109.2 | 85.1 | 73.1 | 66.6 |
| 37.5° | 2419.9 | 2401.3 | 2120.8 | 1325.1 | 575.2 | 291.4 | 145.2 | 101.5 | 80.8 | 67.7 | 60.0 |
| 40° | 2571.6 | 2496.3 | 2197.2 | 1355.7 | 558.9 | 278.3 | 136.4 | 97.1 | 76.4 | 64.4 | 54.6 |
| 42.5° | 2685.1 | 2598.9 | 2285.6 | 1344.7 | 539.2 | 255.4 | 133.2 | 90.6 | 73.1 | 58.9 | 50.2 |
| 45° | 2715.7 | 2685.1 | 2365.3 | 1341.5 | 525.0 | 236.9 | 127.7 | 89.5 | 70.9 | 55.7 | 46.9 |
| 47.5° | 2774.6 | 2753.9 | 2463.5 | 1346.9 | 514.1 | 222.7 | 114.6 | 91.7 | 67.7 | 52.4 | 44.8 |
| 50° | 2800.8 | 2763.7 | 2543.2 | 1360.0 | 489.0 | 205.2 | 102.6 | 96.1 | 66.6 | 51.3 | 42.6 |
| 52.5° | 2908.9 | 2876.1 | 2652.4 | 1397.1 | 468.3 | 182.3 | 90.6 | 91.7 | 68.8 | 48.0 | 40.4 |
| 55° | 3014.8 | 2977.6 | 2820.5 | 1482.3 | 438.8 | 163.7 | 77.5 | 80.8 | 65.5 | 43.7 | 36.0 |
| 57.5° | 3159.9 | 3098.8 | 2932.9 | 1517.2 | 412.6 | 138.6 | 68.8 | 66.6 | 61.1 | 39.3 | 31.7 |
| 60° | 3181.8 | 3206.9 | 2916.5 | 1495.4 | 385.3 | 122.2 | 60.0 | 51.3 | 65.5 | 34.9 | 27.3 |
| 62.5° | 3254.9 | 3150.1 | 2840.1 | 1445.2 | 365.7 | 112.4 | 53.5 | 42.6 | 56.8 | 30.6 | 22.9 |
| 65° | 3114.1 | 3036.6 | 2661.1 | 1283.6 | 340.6 | 113.5 | 46.9 | 34.9 | 36.0 | 25.1 | 18.6 |
| 67.5° | 2907.8 | 2846.7 | 2364.2 | 1107.9 | 315.4 | 111.3 | 41.5 | 30.6 | 27.3 | 21.8 | 16.4 |
| 70° | 2552.0 | 2419.9 | 2008.4 | 899.4 | 278.3 | 103.7 | 34.9 | 27.3 | 22.9 | 17.5 | 12.0 |
| 72.5° | 1856.7 | 1803.2 | 1440.8 | 695.3 | 250.0 | 93.9 | 32.7 | 22.9 | 19.6 | 13.1 | 9.8 |
| 75° | 1249.8 | 1161.4 | 909.2 | 456.3 | 200.8 | 81.9 | 27.3 | 20.7 | 15.3 | 9.8 | 7.6 |
| 77.5° | 660.4 | 624.3 | 515.2 | 217.2 | 111.3 | 38.2 | 15.3 | 12.0 | 8.7 | 7.6 | 4.4 |
| 80° | 286.0 | 254.3 | 222.7 | 88.4 | 39.3 | 17.5 | 9.8 | 6.5 | 5.5 | 4.4 | 2.2 |
| 82.5° | 146.3 | 139.7 | 115.7 | 38.2 | 22.9 | 13.1 | 5.5 | 4.4 | 3.3 | 2.2 | 1.1 |
| 85° | 72.0 | 74.2 | 61.1 | 12.0 | 13.1 | 7.6 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.5 | 5.5 | 4.4 | 2.2 | 3.3 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P674329
 CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 |
| 2.5° | 1354.6 | 1369.8 | 1343.7 | 1360.0 | 1352.4 | 1355.7 | 1358.9 | 1350.2 | 1352.4 | 1382.9 | 1384.0 |
| 5° | 1085.0 | 1114.4 | 1103.5 | 1118.8 | 1145.0 | 1131.9 | 1143.9 | 1141.7 | 1143.9 | 1148.3 | 1167.9 |
| 7.5° | 773.9 | 765.1 | 785.9 | 826.3 | 873.2 | 901.6 | 887.4 | 879.8 | 875.4 | 864.5 | 877.6 |
| 10° | 584.0 | 579.6 | 574.1 | 586.1 | 616.7 | 648.4 | 665.8 | 636.4 | 620.0 | 599.2 | 591.6 |
| 12.5° | 484.6 | 457.3 | 442.1 | 423.5 | 432.2 | 460.6 | 461.7 | 433.3 | 407.1 | 396.2 | 408.2 |
| 15° | 382.0 | 363.5 | 336.2 | 310.0 | 296.9 | 318.7 | 300.2 | 272.9 | 239.0 | 234.7 | 233.6 |
| 17.5° | 272.9 | 262.0 | 242.3 | 231.4 | 216.1 | 210.7 | 191.0 | 149.5 | 125.5 | 119.0 | 121.2 |
| 20° | 185.6 | 176.8 | 175.7 | 165.9 | 159.4 | 155.0 | 123.3 | 96.1 | 88.4 | 89.5 | 90.6 |
| 22.5° | 137.5 | 133.2 | 127.7 | 126.6 | 121.2 | 115.7 | 90.6 | 80.8 | 75.3 | 75.3 | 78.6 |
| 25° | 112.4 | 110.2 | 104.8 | 102.6 | 100.4 | 92.8 | 76.4 | 68.8 | 66.6 | 64.4 | 67.7 |
| 27.5° | 96.1 | 95.0 | 91.7 | 88.4 | 86.2 | 78.6 | 66.6 | 60.0 | 57.9 | 57.9 | 57.9 |
| 30° | 86.2 | 86.2 | 81.9 | 75.3 | 75.3 | 66.6 | 56.8 | 52.4 | 50.2 | 50.2 | 49.1 |
| 32.5° | 80.8 | 78.6 | 73.1 | 68.8 | 65.5 | 56.8 | 50.2 | 45.8 | 42.6 | 42.6 | 43.7 |
| 35° | 65.5 | 65.5 | 64.4 | 61.1 | 56.8 | 48.0 | 42.6 | 38.2 | 36.0 | 34.9 | 36.0 |
| 37.5° | 57.9 | 54.6 | 50.2 | 51.3 | 49.1 | 41.5 | 36.0 | 32.7 | 29.5 | 29.5 | 29.5 |
| 40° | 52.4 | 49.1 | 44.8 | 41.5 | 40.4 | 37.1 | 31.7 | 26.2 | 22.9 | 21.8 | 21.8 |
| 42.5° | 46.9 | 44.8 | 38.2 | 32.7 | 31.7 | 31.7 | 24.0 | 19.6 | 16.4 | 16.4 | 16.4 |
| 45° | 43.7 | 40.4 | 34.9 | 28.4 | 22.9 | 24.0 | 19.6 | 14.2 | 12.0 | 10.9 | 10.9 |
| 47.5° | 41.5 | 38.2 | 30.6 | 24.0 | 17.5 | 17.5 | 14.2 | 9.8 | 7.6 | 6.5 | 6.5 |
| 50° | 38.2 | 34.9 | 27.3 | 19.6 | 13.1 | 10.9 | 8.7 | 5.5 | 3.3 | 2.2 | 2.2 |
| 52.5° | 36.0 | 32.7 | 24.0 | 16.4 | 10.9 | 7.6 | 5.5 | 1.1 | 0.0 | 0.0 | 0.0 |
| 55° | 32.7 | 28.4 | 20.7 | 13.1 | 8.7 | 4.4 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 28.4 | 25.1 | 16.4 | 9.8 | 5.5 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 24.0 | 20.7 | 13.1 | 7.6 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 19.6 | 17.5 | 9.8 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 16.4 | 13.1 | 7.6 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 14.2 | 10.9 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 10.9 | 7.6 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 7.6 | 5.5 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 5.5 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 3.3 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 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 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P674329
 CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 |
| 2.5° | 1388.4 | 1421.1 | 1451.7 | 1460.4 | 1484.5 | 1551.0 | 1551.0 | 1582.7 | 1639.5 | 1660.2 | 1664.6 |
| 5° | 1171.2 | 1206.1 | 1212.7 | 1280.3 | 1312.0 | 1379.7 | 1424.4 | 1531.4 | 1595.8 | 1636.2 | 1661.3 |
| 7.5° | 890.7 | 902.7 | 927.8 | 991.1 | 1053.3 | 1135.2 | 1220.3 | 1356.7 | 1470.3 | 1516.1 | 1601.2 |
| 10° | 612.3 | 648.4 | 702.9 | 759.7 | 856.8 | 947.4 | 1057.7 | 1186.5 | 1326.2 | 1382.9 | 1456.1 |
| 12.5° | 412.6 | 462.8 | 550.1 | 630.9 | 720.4 | 812.1 | 916.9 | 1089.3 | 1247.6 | 1326.2 | 1399.3 |
| 15° | 241.2 | 302.3 | 377.7 | 508.6 | 627.6 | 730.2 | 835.0 | 1009.6 | 1201.8 | 1303.3 | 1392.8 |
| 17.5° | 122.2 | 140.8 | 203.0 | 316.5 | 473.7 | 641.8 | 797.9 | 1020.6 | 1236.7 | 1361.1 | 1435.3 |
| 20° | 91.7 | 97.1 | 114.6 | 168.1 | 324.2 | 530.5 | 763.0 | 1036.9 | 1333.8 | 1485.5 | 1525.9 |
| 22.5° | 79.7 | 84.0 | 91.7 | 109.2 | 182.3 | 406.0 | 713.8 | 1077.3 | 1465.9 | 1608.9 | 1694.0 |
| 25° | 67.7 | 72.0 | 78.6 | 89.5 | 116.8 | 276.2 | 653.8 | 1119.9 | 1583.8 | 1763.9 | 1843.6 |
| 27.5° | 58.9 | 62.2 | 68.8 | 77.5 | 95.0 | 175.7 | 550.1 | 1176.6 | 1763.9 | 1951.6 | 1972.4 |
| 30° | 50.2 | 53.5 | 58.9 | 68.8 | 80.8 | 124.4 | 403.9 | 1184.3 | 1863.2 | 2033.5 | 2091.3 |
| 32.5° | 43.7 | 44.8 | 51.3 | 60.0 | 67.7 | 98.2 | 283.8 | 1191.9 | 1936.3 | 2139.4 | 2151.4 |
| 35° | 36.0 | 38.2 | 44.8 | 50.2 | 58.9 | 77.5 | 215.0 | 1153.7 | 2031.3 | 2248.5 | 2245.2 |
| 37.5° | 29.5 | 32.7 | 37.1 | 41.5 | 48.0 | 65.5 | 171.4 | 1082.8 | 2150.3 | 2417.7 | 2315.1 |
| 40° | 22.9 | 26.2 | 30.6 | 36.0 | 40.4 | 58.9 | 128.8 | 975.8 | 2274.7 | 2500.7 | 2391.5 |
| 42.5° | 16.4 | 18.6 | 22.9 | 28.4 | 36.0 | 49.1 | 92.8 | 849.2 | 2323.8 | 2597.8 | 2483.2 |
| 45° | 12.0 | 14.2 | 17.5 | 24.0 | 37.1 | 39.3 | 64.4 | 733.5 | 2376.2 | 2640.4 | 2462.5 |
| 47.5° | 6.5 | 8.7 | 13.1 | 20.7 | 32.7 | 29.5 | 45.8 | 629.8 | 2436.3 | 2678.6 | 2478.8 |
| 50° | 2.2 | 3.3 | 7.6 | 21.8 | 26.2 | 22.9 | 36.0 | 574.1 | 2495.2 | 2686.2 | 2511.6 |
| 52.5° | 0.0 | 0.0 | 4.4 | 22.9 | 19.6 | 17.5 | 31.7 | 552.3 | 2479.9 | 2710.2 | 2490.8 |
| 55° | 0.0 | 0.0 | 1.1 | 9.8 | 10.9 | 13.1 | 26.2 | 551.2 | 2588.0 | 2717.9 | 2604.3 |
| 57.5° | 0.0 | 0.0 | 0.0 | 3.3 | 6.5 | 10.9 | 22.9 | 516.3 | 2656.7 | 2907.8 | 2757.2 |
| 60° | 0.0 | 0.0 | 0.0 | 1.1 | 4.4 | 7.6 | 17.5 | 485.7 | 2726.6 | 2992.9 | 2920.9 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 3.3 | 12.0 | 438.8 | 2585.8 | 2986.4 | 3079.2 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.6 | 347.1 | 2326.0 | 2830.3 | 2991.8 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 240.1 | 2036.8 | 2633.8 | 2831.4 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 145.2 | 1643.8 | 2309.6 | 2401.3 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.2 | 1173.4 | 1833.7 | 1970.2 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.1 | 725.9 | 1340.4 | 1508.5 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.8 | 470.4 | 1015.1 | 1145.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 251.0 | 636.4 | 740.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 109.2 | 386.4 | 445.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 34.9 | 234.7 | 267.4 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 36.0 | 48.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P674329
 CATALOG NUMBER: CCP-SA-1E-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 | 1547.8 |
| 2.5° | 1666.7 | 1698.4 | 1710.4 | 1691.8 | 1694.0 | 1655.8 | 1650.4 | 1596.9 | 1575.1 | 1579.4 |
| 5° | 1743.1 | 1789.0 | 1814.1 | 1793.4 | 1746.4 | 1673.3 | 1606.7 | 1543.4 | 1504.1 | 1484.5 |
| 7.5° | 1725.7 | 1777.0 | 1808.6 | 1828.3 | 1774.8 | 1656.9 | 1555.4 | 1436.4 | 1386.2 | 1387.3 |
| 10° | 1629.6 | 1736.6 | 1801.0 | 1775.9 | 1750.8 | 1632.9 | 1475.7 | 1346.9 | 1302.2 | 1306.5 |
| 12.5° | 1552.1 | 1671.1 | 1709.3 | 1729.0 | 1677.7 | 1583.8 | 1477.9 | 1330.6 | 1280.3 | 1249.8 |
| 15° | 1504.1 | 1592.5 | 1594.7 | 1625.3 | 1604.5 | 1604.5 | 1500.8 | 1356.7 | 1313.1 | 1279.3 |
| 17.5° | 1504.1 | 1523.8 | 1521.6 | 1532.5 | 1567.4 | 1608.9 | 1558.7 | 1462.6 | 1376.4 | 1370.9 |
| 20° | 1537.9 | 1476.8 | 1462.6 | 1467.0 | 1496.5 | 1619.8 | 1686.4 | 1566.3 | 1511.7 | 1494.3 |
| 22.5° | 1616.5 | 1482.3 | 1396.0 | 1380.8 | 1471.4 | 1618.7 | 1768.2 | 1730.0 | 1635.1 | 1620.9 |
| 25° | 1724.6 | 1472.4 | 1378.6 | 1358.9 | 1427.7 | 1658.0 | 1880.7 | 1888.3 | 1802.1 | 1772.6 |
| 27.5° | 1827.2 | 1516.1 | 1376.4 | 1372.0 | 1462.6 | 1649.3 | 1958.2 | 2014.9 | 1917.8 | 1893.8 |
| 30° | 1862.1 | 1559.8 | 1416.8 | 1358.9 | 1475.7 | 1680.9 | 1956.0 | 2104.4 | 2041.1 | 2046.6 |
| 32.5° | 1903.6 | 1603.4 | 1421.1 | 1398.2 | 1531.4 | 1732.2 | 2018.2 | 2248.5 | 2202.7 | 2138.3 |
| 35° | 1964.7 | 1662.4 | 1462.6 | 1441.9 | 1570.7 | 1778.1 | 2031.3 | 2354.4 | 2346.8 | 2271.4 |
| 37.5° | 2017.1 | 1720.2 | 1548.9 | 1552.1 | 1690.8 | 1852.3 | 2089.2 | 2484.3 | 2471.2 | 2419.9 |
| 40° | 2054.2 | 1801.0 | 1683.1 | 1691.8 | 1795.5 | 1935.3 | 2191.8 | 2549.8 | 2646.9 | 2571.6 |
| 42.5° | 2059.7 | 1873.0 | 1837.0 | 1906.9 | 2004.0 | 2064.0 | 2233.2 | 2594.5 | 2734.2 | 2685.1 |
| 45° | 2080.4 | 1987.6 | 2088.1 | 2139.4 | 2219.0 | 2177.6 | 2231.1 | 2670.9 | 2740.8 | 2715.7 |
| 47.5° | 2161.2 | 2196.1 | 2322.7 | 2478.8 | 2507.2 | 2370.8 | 2283.4 | 2682.9 | 2777.9 | 2774.6 |
| 50° | 2245.2 | 2419.9 | 2597.8 | 2701.5 | 2737.5 | 2503.9 | 2332.6 | 2673.1 | 2827.0 | 2800.8 |
| 52.5° | 2339.1 | 2614.2 | 2870.7 | 2998.4 | 2978.7 | 2651.3 | 2388.2 | 2752.8 | 2917.6 | 2908.9 |
| 55° | 2398.1 | 2701.5 | 3046.4 | 3224.3 | 3209.0 | 2816.1 | 2565.1 | 2867.4 | 3036.6 | 3014.8 |
| 57.5° | 2554.1 | 2843.4 | 3221.1 | 3304.0 | 3344.4 | 3032.2 | 2688.4 | 3055.1 | 3135.9 | 3159.9 |
| 60° | 2682.9 | 2936.2 | 3266.9 | 3387.0 | 3401.2 | 3161.0 | 2904.5 | 3248.3 | 3262.5 | 3181.8 |
| 62.5° | 2871.8 | 2972.2 | 3169.8 | 3277.8 | 3350.9 | 3234.1 | 3098.8 | 3352.0 | 3260.3 | 3254.9 |
| 65° | 3010.4 | 2854.3 | 2988.6 | 3048.6 | 3095.5 | 3122.8 | 3294.2 | 3423.0 | 3220.0 | 3114.1 |
| 67.5° | 2932.9 | 2631.6 | 2606.5 | 2609.8 | 2624.0 | 2788.8 | 3228.7 | 3249.4 | 2995.1 | 2907.8 |
| 70° | 2581.4 | 2159.0 | 2125.2 | 2151.4 | 2080.4 | 2279.1 | 2963.5 | 2953.6 | 2642.6 | 2552.0 |
| 72.5° | 2088.1 | 1574.0 | 1516.1 | 1552.1 | 1568.5 | 1779.2 | 2493.0 | 2239.8 | 1927.6 | 1856.7 |
| 75° | 1659.1 | 1153.7 | 973.6 | 1060.9 | 1116.6 | 1295.6 | 1947.3 | 1521.6 | 1345.8 | 1249.8 |
| 77.5° | 1303.3 | 873.2 | 757.5 | 722.6 | 773.9 | 942.0 | 1416.8 | 799.0 | 705.1 | 660.4 |
| 80° | 826.3 | 641.8 | 696.4 | 646.2 | 668.0 | 672.4 | 737.9 | 363.5 | 289.3 | 286.0 |
| 82.5° | 497.7 | 438.8 | 521.7 | 287.1 | 522.8 | 467.2 | 306.7 | 164.8 | 146.3 | 146.3 |
| 85° | 352.6 | 271.8 | 180.1 | 116.8 | 232.5 | 256.5 | 119.0 | 85.1 | 74.2 | 72.0 |
| 87.5° | 176.8 | 84.0 | 40.4 | 26.2 | 29.5 | 48.0 | 14.2 | 6.5 | 6.5 | 5.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)