

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS
Report Number: P599209

Luminaire Tested: **IFLD-S-SA6D-735-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599209
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

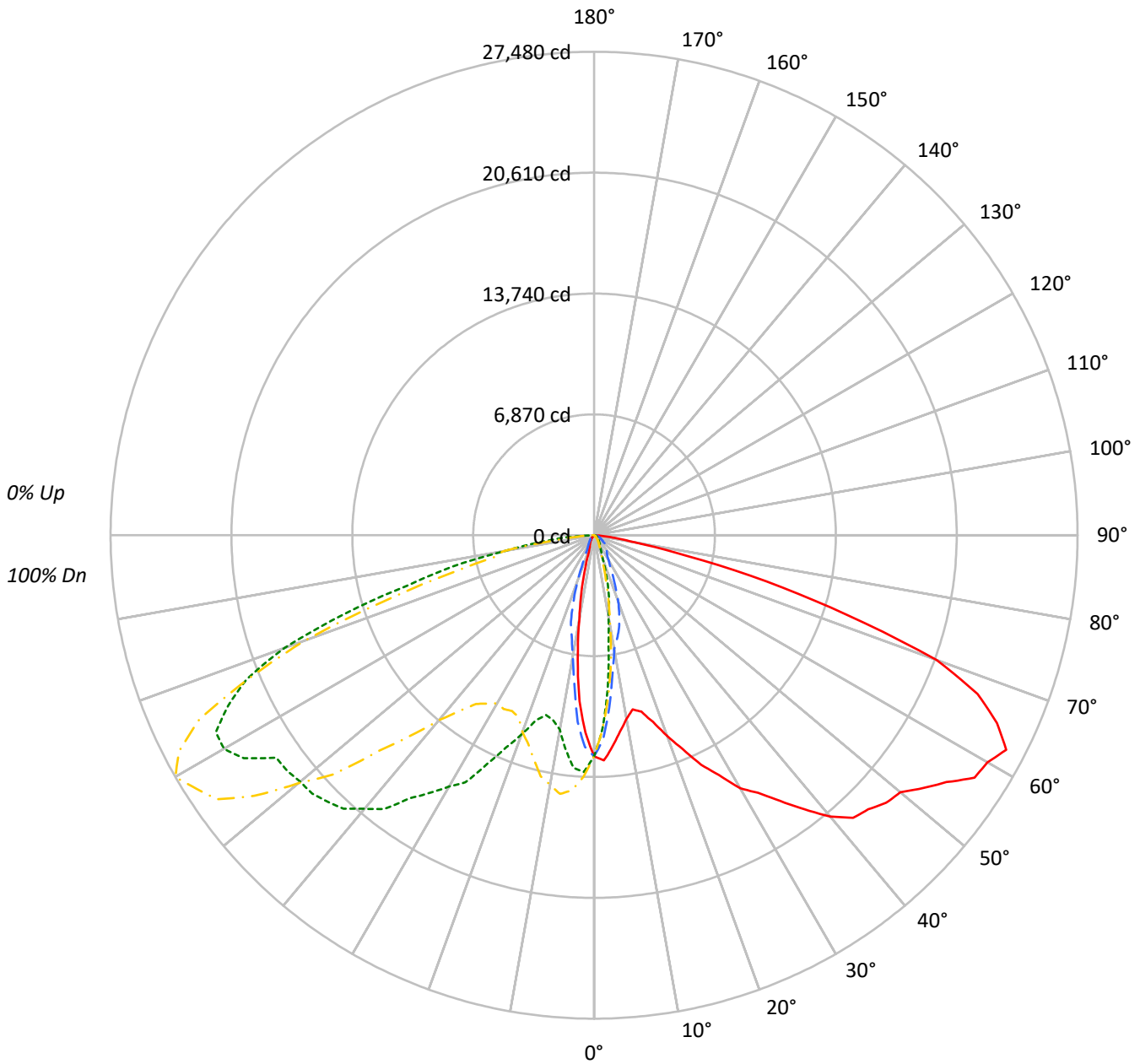
Lumens per Lamp: N/A
 Luminaire Lumens: 32848.2 lumens
 Efficiency: N/A
 Efficacy: 89.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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

| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | GONIO 1 IN0055 | 4/22/2021 | 10/22/2021 |
| Power Meter | XITRON 2801 IN0197 | 12/1/2020 | 12/1/2021 |
| AC Power Source | CHROMA 61505 IN0196 | 12/1/2020 | 12/1/2021 |
| DC Power Supply | AGILENT E3634A IN0198 | 11/30/2020 | 11/30/2021 |
| Room Thermometer | ONSET IN0143 | 12/1/2020 | 12/1/2021 |

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - - - 135°-315°

TEST NUMBER: P599209
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | 100 |
| 1 | 107 | 101 | 96 | 91 | 104 | 99 | 94 | 90 | 94 | 90 | 87 | 90 | 87 | 84 | 87 | 84 | 82 | 79 | | | | 79 |
| 2 | 95 | 85 | 77 | 70 | 92 | 83 | 75 | 69 | 79 | 73 | 67 | 76 | 71 | 66 | 73 | 68 | 64 | 62 | | | | 62 |
| 3 | 85 | 72 | 63 | 55 | 82 | 71 | 62 | 54 | 67 | 60 | 53 | 65 | 58 | 52 | 62 | 56 | 51 | 49 | | | | 49 |
| 4 | 76 | 62 | 52 | 44 | 74 | 61 | 51 | 44 | 58 | 50 | 43 | 56 | 49 | 43 | 53 | 47 | 42 | 40 | | | | 40 |
| 5 | 69 | 55 | 44 | 37 | 67 | 53 | 44 | 36 | 51 | 43 | 36 | 49 | 41 | 35 | 47 | 40 | 35 | 33 | | | | 33 |
| 6 | 63 | 48 | 38 | 31 | 61 | 47 | 38 | 31 | 45 | 37 | 30 | 44 | 36 | 30 | 42 | 35 | 30 | 27 | | | | 27 |
| 7 | 58 | 43 | 33 | 27 | 56 | 42 | 33 | 26 | 41 | 32 | 26 | 39 | 32 | 26 | 38 | 31 | 26 | 24 | | | | 24 |
| 8 | 54 | 39 | 30 | 23 | 52 | 38 | 29 | 23 | 37 | 29 | 23 | 36 | 28 | 23 | 34 | 28 | 23 | 20 | | | | 20 |
| 9 | 50 | 36 | 27 | 21 | 49 | 35 | 26 | 21 | 34 | 26 | 20 | 33 | 25 | 20 | 32 | 25 | 20 | 18 | | | | 18 |
| 10 | 47 | 33 | 24 | 18 | 46 | 32 | 24 | 18 | 31 | 24 | 18 | 30 | 23 | 18 | 29 | 23 | 18 | 16 | | | | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|-------|-------|--------|
| 0° | 90114 | 90114 | 90114 | 90114 |
| 5° | 86759 | 63410 | 68258 | 95626 |
| 10° | 77244 | 34524 | 34976 | 81761 |
| 15° | 77109 | 23027 | 14080 | 78556 |
| 20° | 92584 | 11497 | 5613 | 92042 |
| 25° | 113875 | 7223 | 4348 | 113314 |
| 30° | 137590 | 5797 | 3302 | 136710 |
| 35° | 161445 | 4655 | 2560 | 159816 |
| 40° | 195452 | 3982 | 1659 | 190059 |
| 45° | 223606 | 3595 | 899 | 217404 |
| 50° | 253693 | 3461 | 198 | 243311 |
| 55° | 306020 | 3324 | 0 | 275884 |
| 60° | 370498 | 2796 | 0 | 348510 |
| 65° | 429013 | 2255 | 0 | 389917 |
| 70° | 434421 | 1859 | 0 | 393170 |
| 75° | 281142 | 1228 | 0 | 301523 |
| 80° | 95885 | 368 | 0 | 213363 |
| 85° | 48125 | 0 | 0 | 156765 |

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 951.3 | 2.9 |
| 10°-20° | 1842.0 | 5.6 |
| 20°-30° | 2565.5 | 7.8 |
| 30°-40° | 3645.2 | 11.1 |
| 40°-50° | 5054.9 | 15.4 |
| 50°-60° | 6887.6 | 21.0 |
| 60°-70° | 7572.3 | 23.1 |
| 70°-80° | 3721.7 | 11.3 |
| 80°-90° | 607.8 | 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°-30° | 5358.7 | 16.3 |
| 0°-40° | 9003.9 | 27.4 |
| 0°-60° | 20946.4 | 63.8 |
| 0°-90° | 32848.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 32848.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-------|-------|-------|-------|-------|-------|
| 0° | 12558 | 12558 | 12558 | 12558 | 12558 | |
| 5° | 12044 | 8803 | 9476 | 13275 | 12044 | 1102 |
| 15° | 10379 | 3100 | 1895 | 10574 | 10379 | 3072 |
| 25° | 14382 | 912 | 549 | 14311 | 14382 | 6687 |
| 35° | 18429 | 531 | 292 | 18243 | 18429 | 11698 |
| 45° | 22034 | 354 | 89 | 21423 | 22034 | 17080 |
| 55° | 24460 | 266 | 0 | 22052 | 24460 | 22004 |
| 65° | 25266 | 133 | 0 | 22964 | 25266 | 24417 |
| 75° | 10140 | 44 | 0 | 10875 | 10140 | 11055 |
| 85° | 584 | 0 | 0 | 1904 | 584 | 809 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

TEST NUMBER: P599209
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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 |
| 2.5° | 12814.7 | 12965.2 | 12823.5 | 12327.6 | 12239.0 | 11999.9 | 11636.8 | 11610.2 | 11229.4 | 11273.7 | 11070.0 |
| 5° | 12044.2 | 12194.7 | 11893.6 | 11238.3 | 10627.2 | 10140.1 | 9847.9 | 9325.4 | 9210.3 | 8953.4 | 8953.4 |
| 7.5° | 11256.0 | 11247.1 | 10733.5 | 10184.4 | 9272.3 | 8377.8 | 7970.4 | 7217.7 | 6774.9 | 6535.7 | 6305.5 |
| 10° | 10600.7 | 10459.0 | 10140.1 | 9006.6 | 8014.7 | 7084.8 | 6580.0 | 6084.1 | 5623.6 | 5225.1 | 4826.5 |
| 12.5° | 10140.1 | 10228.7 | 9723.9 | 8492.9 | 7208.8 | 6562.3 | 6022.1 | 5499.6 | 4950.5 | 4498.9 | 4056.1 |
| 15° | 10379.3 | 10237.6 | 9644.2 | 8377.8 | 7076.0 | 6190.4 | 5473.0 | 4835.4 | 4224.3 | 3631.0 | 3294.4 |
| 17.5° | 11123.2 | 10760.1 | 10060.4 | 8377.8 | 6801.4 | 5623.6 | 4755.7 | 4002.9 | 3347.6 | 2816.2 | 2400.0 |
| 20° | 12123.9 | 11707.7 | 10954.9 | 8687.8 | 6597.7 | 5207.3 | 4020.6 | 3073.0 | 2391.1 | 1895.2 | 1576.4 |
| 22.5° | 13151.2 | 12823.5 | 11689.9 | 8811.7 | 6358.6 | 4649.4 | 3170.5 | 2222.9 | 1594.1 | 1275.3 | 1115.9 |
| 25° | 14382.2 | 13921.7 | 12681.8 | 9307.7 | 6004.4 | 4109.2 | 2497.4 | 1549.8 | 1186.7 | 1018.4 | 921.0 |
| 27.5° | 15365.2 | 15285.5 | 13611.7 | 9608.8 | 5738.7 | 3666.4 | 1974.9 | 1231.0 | 983.0 | 859.0 | 797.0 |
| 30° | 16605.0 | 16171.1 | 14745.3 | 10211.0 | 5437.6 | 3161.6 | 1647.2 | 1107.0 | 903.3 | 770.5 | 726.2 |
| 32.5° | 17348.9 | 17145.3 | 15338.6 | 10547.5 | 5101.1 | 2745.4 | 1417.0 | 974.2 | 823.6 | 726.2 | 681.9 |
| 35° | 18429.4 | 18022.0 | 16188.8 | 10760.1 | 4923.9 | 2506.3 | 1275.3 | 885.6 | 690.8 | 593.4 | 540.2 |
| 37.5° | 19633.8 | 19483.2 | 17207.3 | 10751.2 | 4667.1 | 2364.6 | 1177.9 | 823.6 | 655.3 | 549.1 | 487.1 |
| 40° | 20864.8 | 20253.7 | 17827.2 | 10999.2 | 4534.3 | 2258.3 | 1107.0 | 788.2 | 619.9 | 522.5 | 442.8 |
| 42.5° | 21785.8 | 21086.2 | 18544.5 | 10910.6 | 4374.9 | 2072.3 | 1080.4 | 735.0 | 593.4 | 478.2 | 407.4 |
| 45° | 22033.8 | 21785.8 | 19191.0 | 10884.1 | 4259.7 | 1921.8 | 1036.2 | 726.2 | 575.6 | 451.7 | 380.8 |
| 47.5° | 22512.0 | 22343.7 | 19988.0 | 10928.3 | 4171.2 | 1806.6 | 929.9 | 743.9 | 549.1 | 425.1 | 363.1 |
| 50° | 22724.6 | 22423.4 | 20634.5 | 11034.6 | 3967.5 | 1664.9 | 832.5 | 779.3 | 540.2 | 416.2 | 345.4 |
| 52.5° | 23601.3 | 23335.6 | 21520.1 | 11335.7 | 3799.2 | 1479.0 | 735.0 | 743.9 | 557.9 | 389.7 | 327.7 |
| 55° | 24460.3 | 24159.2 | 22884.0 | 12026.5 | 3560.1 | 1328.4 | 628.8 | 655.3 | 531.4 | 354.2 | 292.2 |
| 57.5° | 25638.2 | 25142.2 | 23796.1 | 12309.9 | 3347.6 | 1124.7 | 557.9 | 540.2 | 495.9 | 318.8 | 256.8 |
| 60° | 25815.3 | 26019.0 | 23663.3 | 12132.8 | 3126.2 | 991.9 | 487.1 | 416.2 | 531.4 | 283.4 | 221.4 |
| 62.5° | 26408.7 | 25558.5 | 23043.4 | 11725.4 | 2966.8 | 912.2 | 433.9 | 345.4 | 460.5 | 248.0 | 186.0 |
| 65° | 25266.2 | 24637.5 | 21591.0 | 10414.7 | 2763.1 | 921.0 | 380.8 | 283.4 | 292.2 | 203.7 | 150.6 |
| 67.5° | 23592.4 | 23096.5 | 19182.1 | 8988.9 | 2559.4 | 903.3 | 336.5 | 248.0 | 221.4 | 177.1 | 132.8 |
| 70° | 20705.4 | 19633.8 | 16295.1 | 7297.4 | 2258.3 | 841.3 | 283.4 | 221.4 | 186.0 | 141.7 | 97.4 |
| 72.5° | 15064.1 | 14630.1 | 11689.9 | 5641.3 | 2028.0 | 761.6 | 265.7 | 186.0 | 159.4 | 106.3 | 79.7 |
| 75° | 10140.1 | 9422.8 | 7377.1 | 3701.8 | 1629.5 | 664.2 | 221.4 | 168.3 | 124.0 | 79.7 | 62.0 |
| 77.5° | 5357.9 | 5065.6 | 4180.0 | 1762.3 | 903.3 | 310.0 | 124.0 | 97.4 | 70.8 | 62.0 | 35.4 |
| 80° | 2320.3 | 2063.5 | 1806.6 | 717.3 | 318.8 | 141.7 | 79.7 | 53.1 | 44.3 | 35.4 | 17.7 |
| 82.5° | 1186.7 | 1133.6 | 938.7 | 310.0 | 186.0 | 106.3 | 44.3 | 35.4 | 26.6 | 17.7 | 8.9 |
| 85° | 584.5 | 602.2 | 495.9 | 97.4 | 106.3 | 62.0 | 8.9 | 8.9 | 0.0 | 0.0 | 0.0 |
| 87.5° | 44.3 | 44.3 | 35.4 | 17.7 | 26.6 | 8.9 | 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 |

TEST NUMBER: P599209
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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 |
| 2.5° | 10990.3 | 11114.3 | 10901.8 | 11034.6 | 10972.6 | 10999.2 | 11025.7 | 10954.9 | 10972.6 | 11220.6 | 11229.4 |
| 5° | 8802.9 | 9042.0 | 8953.4 | 9077.4 | 9290.0 | 9183.7 | 9281.1 | 9263.4 | 9281.1 | 9316.5 | 9475.9 |
| 7.5° | 6278.9 | 6208.1 | 6376.3 | 6704.0 | 7084.8 | 7315.1 | 7199.9 | 7138.0 | 7102.5 | 7014.0 | 7120.2 |
| 10° | 4738.0 | 4702.5 | 4658.3 | 4755.7 | 5003.7 | 5260.5 | 5402.2 | 5163.1 | 5030.2 | 4862.0 | 4800.0 |
| 12.5° | 3932.1 | 3710.7 | 3586.7 | 3436.1 | 3507.0 | 3737.2 | 3746.1 | 3515.8 | 3303.3 | 3214.7 | 3312.2 |
| 15° | 3099.6 | 2949.1 | 2727.7 | 2515.1 | 2408.8 | 2586.0 | 2435.4 | 2214.0 | 1939.5 | 1904.0 | 1895.2 |
| 17.5° | 2214.0 | 2125.4 | 1966.0 | 1877.5 | 1753.5 | 1709.2 | 1549.8 | 1213.3 | 1018.4 | 965.3 | 983.0 |
| 20° | 1505.5 | 1434.7 | 1425.8 | 1346.1 | 1293.0 | 1257.6 | 1000.7 | 779.3 | 717.3 | 726.2 | 735.0 |
| 22.5° | 1115.9 | 1080.4 | 1036.2 | 1027.3 | 983.0 | 938.7 | 735.0 | 655.3 | 611.1 | 611.1 | 637.6 |
| 25° | 912.2 | 894.5 | 850.2 | 832.5 | 814.8 | 752.8 | 619.9 | 557.9 | 540.2 | 522.5 | 549.1 |
| 27.5° | 779.3 | 770.5 | 743.9 | 717.3 | 699.6 | 637.6 | 540.2 | 487.1 | 469.4 | 469.4 | 469.4 |
| 30° | 699.6 | 699.6 | 664.2 | 611.1 | 611.1 | 540.2 | 460.5 | 425.1 | 407.4 | 407.4 | 398.5 |
| 32.5° | 655.3 | 637.6 | 593.4 | 557.9 | 531.4 | 460.5 | 407.4 | 372.0 | 345.4 | 345.4 | 354.2 |
| 35° | 531.4 | 531.4 | 522.5 | 495.9 | 460.5 | 389.7 | 345.4 | 310.0 | 292.2 | 283.4 | 292.2 |
| 37.5° | 469.4 | 442.8 | 407.4 | 416.2 | 398.5 | 336.5 | 292.2 | 265.7 | 239.1 | 239.1 | 239.1 |
| 40° | 425.1 | 398.5 | 363.1 | 336.5 | 327.7 | 301.1 | 256.8 | 212.5 | 186.0 | 177.1 | 177.1 |
| 42.5° | 380.8 | 363.1 | 310.0 | 265.7 | 256.8 | 256.8 | 194.8 | 159.4 | 132.8 | 132.8 | 132.8 |
| 45° | 354.2 | 327.7 | 283.4 | 230.3 | 186.0 | 194.8 | 159.4 | 115.1 | 97.4 | 88.6 | 88.6 |
| 47.5° | 336.5 | 310.0 | 248.0 | 194.8 | 141.7 | 141.7 | 115.1 | 79.7 | 62.0 | 53.1 | 53.1 |
| 50° | 310.0 | 283.4 | 221.4 | 159.4 | 106.3 | 88.6 | 70.8 | 44.3 | 26.6 | 17.7 | 17.7 |
| 52.5° | 292.2 | 265.7 | 194.8 | 132.8 | 88.6 | 62.0 | 44.3 | 8.9 | 0.0 | 0.0 | 0.0 |
| 55° | 265.7 | 230.3 | 168.3 | 106.3 | 70.8 | 35.4 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 230.3 | 203.7 | 132.8 | 79.7 | 44.3 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 194.8 | 168.3 | 106.3 | 62.0 | 17.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 159.4 | 141.7 | 79.7 | 35.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 132.8 | 106.3 | 62.0 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 115.1 | 88.6 | 44.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 88.6 | 62.0 | 26.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 62.0 | 44.3 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 44.3 | 26.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 26.6 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 8.9 | 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 |

TEST NUMBER: P599209
 CATALOG NUMBER: IFLD-S-SA6D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 |
| 2.5° | 11264.9 | 11530.5 | 11778.5 | 11849.4 | 12044.2 | 12584.4 | 12584.4 | 12841.2 | 13301.7 | 13470.0 | 13505.4 |
| 5° | 9502.5 | 9785.9 | 9839.0 | 10388.1 | 10644.9 | 11194.0 | 11557.1 | 12425.0 | 12947.5 | 13275.2 | 13478.9 |
| 7.5° | 7226.5 | 7323.9 | 7527.6 | 8041.3 | 8546.1 | 9210.3 | 9901.0 | 11008.0 | 11929.1 | 12301.0 | 12991.8 |
| 10° | 4968.2 | 5260.5 | 5703.3 | 6163.8 | 6952.0 | 7687.0 | 8581.5 | 9626.5 | 10760.1 | 11220.6 | 11813.9 |
| 12.5° | 3347.6 | 3755.0 | 4463.4 | 5118.8 | 5845.0 | 6588.9 | 7439.1 | 8838.3 | 10122.4 | 10760.1 | 11353.4 |
| 15° | 1957.2 | 2453.1 | 3064.2 | 4126.9 | 5092.2 | 5924.7 | 6774.9 | 8191.8 | 9750.5 | 10574.1 | 11300.3 |
| 17.5° | 991.9 | 1142.4 | 1647.2 | 2568.2 | 3843.5 | 5207.3 | 6473.8 | 8280.4 | 10033.9 | 11043.5 | 11645.7 |
| 20° | 743.9 | 788.2 | 929.9 | 1363.8 | 2630.2 | 4304.0 | 6190.4 | 8413.2 | 10822.1 | 12053.0 | 12380.7 |
| 22.5° | 646.5 | 681.9 | 743.9 | 885.6 | 1479.0 | 3294.4 | 5791.8 | 8740.9 | 11893.6 | 13053.8 | 13744.5 |
| 25° | 549.1 | 584.5 | 637.6 | 726.2 | 947.6 | 2240.6 | 5304.8 | 9086.3 | 12850.1 | 14311.3 | 14957.8 |
| 27.5° | 478.2 | 504.8 | 557.9 | 628.8 | 770.5 | 1425.8 | 4463.4 | 9546.8 | 14311.3 | 15834.6 | 16002.8 |
| 30° | 407.4 | 433.9 | 478.2 | 557.9 | 655.3 | 1009.6 | 3276.7 | 9608.8 | 15117.2 | 16498.8 | 16968.1 |
| 32.5° | 354.2 | 363.1 | 416.2 | 487.1 | 549.1 | 797.0 | 2302.6 | 9670.8 | 15710.6 | 17357.8 | 17455.2 |
| 35° | 292.2 | 310.0 | 363.1 | 407.4 | 478.2 | 628.8 | 1744.6 | 9360.8 | 16481.1 | 18243.4 | 18216.8 |
| 37.5° | 239.1 | 265.7 | 301.1 | 336.5 | 389.7 | 531.4 | 1390.4 | 8785.2 | 17446.4 | 19616.1 | 18783.6 |
| 40° | 186.0 | 212.5 | 248.0 | 292.2 | 327.7 | 478.2 | 1045.0 | 7917.3 | 18455.9 | 20289.1 | 19403.5 |
| 42.5° | 132.8 | 150.6 | 186.0 | 230.3 | 292.2 | 398.5 | 752.8 | 6890.0 | 18854.5 | 21077.3 | 20147.5 |
| 45° | 97.4 | 115.1 | 141.7 | 194.8 | 301.1 | 318.8 | 522.5 | 5951.2 | 19279.6 | 21422.7 | 19979.2 |
| 47.5° | 53.1 | 70.8 | 106.3 | 168.3 | 265.7 | 239.1 | 372.0 | 5109.9 | 19766.6 | 21732.7 | 20112.0 |
| 50° | 17.7 | 26.6 | 62.0 | 177.1 | 212.5 | 186.0 | 292.2 | 4658.3 | 20244.9 | 21794.7 | 20377.7 |
| 52.5° | 0.0 | 0.0 | 35.4 | 186.0 | 159.4 | 141.7 | 256.8 | 4481.1 | 20120.9 | 21989.5 | 20209.4 |
| 55° | 0.0 | 0.0 | 8.9 | 79.7 | 88.6 | 106.3 | 212.5 | 4472.3 | 20997.6 | 22051.5 | 21130.5 |
| 57.5° | 0.0 | 0.0 | 0.0 | 26.6 | 53.1 | 88.6 | 186.0 | 4188.9 | 21555.6 | 23592.4 | 22370.3 |
| 60° | 0.0 | 0.0 | 0.0 | 8.9 | 35.4 | 62.0 | 141.7 | 3940.9 | 22122.3 | 24283.2 | 23698.7 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 8.9 | 26.6 | 97.4 | 3560.1 | 20979.9 | 24230.1 | 24982.8 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.0 | 2816.2 | 18872.2 | 22963.7 | 24274.4 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.4 | 1948.3 | 16525.3 | 21369.6 | 22972.5 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1177.9 | 13337.2 | 18739.3 | 19483.2 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 504.8 | 9520.2 | 14878.1 | 15985.1 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 203.7 | 5889.3 | 10875.2 | 12239.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 79.7 | 3816.9 | 8236.1 | 9290.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.7 | 2036.9 | 5163.1 | 6004.4 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 885.6 | 3135.0 | 3613.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 283.4 | 1904.0 | 2169.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 292.2 | 389.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TEST NUMBER: P599209
 CATALOG NUMBER: IFLD-S-SA6D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 | 12557.8 |
| 2.5° | 13523.1 | 13780.0 | 13877.4 | 13726.8 | 13744.5 | 13434.6 | 13390.3 | 12956.4 | 12779.2 | 12814.7 |
| 5° | 14143.1 | 14515.0 | 14718.7 | 14550.4 | 14169.6 | 13576.3 | 13036.1 | 12522.4 | 12203.6 | 12044.2 |
| 7.5° | 14001.4 | 14417.6 | 14674.4 | 14833.8 | 14399.9 | 13443.4 | 12619.8 | 11654.5 | 11247.1 | 11256.0 |
| 10° | 13222.0 | 14089.9 | 14612.4 | 14408.7 | 14205.1 | 13248.6 | 11973.3 | 10928.3 | 10565.2 | 10600.7 |
| 12.5° | 12593.3 | 13558.6 | 13868.5 | 14027.9 | 13611.7 | 12850.1 | 11991.1 | 10795.5 | 10388.1 | 10140.1 |
| 15° | 12203.6 | 12920.9 | 12938.6 | 13186.6 | 13018.4 | 13018.4 | 12177.0 | 11008.0 | 10653.8 | 10379.3 |
| 17.5° | 12203.6 | 12363.0 | 12345.3 | 12433.9 | 12717.2 | 13053.8 | 12646.4 | 11867.1 | 11167.4 | 11123.2 |
| 20° | 12478.1 | 11982.2 | 11867.1 | 11902.5 | 12141.6 | 13142.3 | 13682.6 | 12708.4 | 12265.6 | 12123.9 |
| 22.5° | 13115.8 | 12026.5 | 11326.9 | 11202.9 | 11937.9 | 13133.5 | 14346.8 | 14036.8 | 13266.3 | 13151.2 |
| 25° | 13992.5 | 11946.8 | 11185.2 | 11025.7 | 11583.7 | 13452.3 | 15258.9 | 15320.9 | 14621.3 | 14382.2 |
| 27.5° | 14825.0 | 12301.0 | 11167.4 | 11132.0 | 11867.1 | 13381.4 | 15887.7 | 16348.2 | 15560.0 | 15365.2 |
| 30° | 15108.4 | 12655.3 | 11495.1 | 11025.7 | 11973.3 | 13638.3 | 15870.0 | 17074.4 | 16560.8 | 16605.0 |
| 32.5° | 15444.9 | 13009.5 | 11530.5 | 11344.6 | 12425.0 | 14054.5 | 16374.8 | 18243.4 | 17871.5 | 17348.9 |
| 35° | 15940.8 | 13487.7 | 11867.1 | 11698.8 | 12743.8 | 14426.5 | 16481.1 | 19102.4 | 19040.4 | 18429.4 |
| 37.5° | 16365.9 | 13957.1 | 12566.7 | 12593.3 | 13718.0 | 15028.7 | 16950.4 | 20156.3 | 20050.0 | 19633.8 |
| 40° | 16667.0 | 14612.4 | 13656.0 | 13726.8 | 14568.2 | 15701.7 | 17782.9 | 20687.7 | 21475.9 | 20864.8 |
| 42.5° | 16711.3 | 15196.9 | 14904.7 | 15471.5 | 16259.7 | 16746.7 | 18119.4 | 21050.8 | 22184.3 | 21785.8 |
| 45° | 16879.6 | 16126.8 | 16941.6 | 17357.8 | 18004.3 | 17667.8 | 18101.7 | 21670.7 | 22237.5 | 22033.8 |
| 47.5° | 17534.9 | 17818.3 | 18845.6 | 20112.0 | 20342.3 | 19235.3 | 18526.8 | 21768.1 | 22538.6 | 22512.0 |
| 50° | 18216.8 | 19633.8 | 21077.3 | 21918.7 | 22210.9 | 20315.7 | 18925.3 | 21688.4 | 22937.1 | 22724.6 |
| 52.5° | 18978.5 | 21210.2 | 23291.3 | 24327.5 | 24168.1 | 21511.3 | 19377.0 | 22334.9 | 23672.1 | 23601.3 |
| 55° | 19456.7 | 21918.7 | 24717.2 | 26160.7 | 26036.7 | 22848.5 | 20811.7 | 23264.8 | 24637.5 | 24460.3 |
| 57.5° | 20723.1 | 23069.9 | 26134.1 | 26807.2 | 27134.9 | 24602.0 | 21812.4 | 24788.0 | 25443.4 | 25638.2 |
| 60° | 21768.1 | 23822.7 | 26506.1 | 27480.2 | 27595.4 | 25647.0 | 23565.9 | 26355.5 | 26470.6 | 25815.3 |
| 62.5° | 23300.2 | 24114.9 | 25717.9 | 26594.6 | 27188.0 | 26240.4 | 25142.2 | 27196.8 | 26452.9 | 26408.7 |
| 65° | 24424.9 | 23158.5 | 24247.8 | 24734.9 | 25115.7 | 25337.1 | 26727.5 | 27772.5 | 26125.3 | 25266.2 |
| 67.5° | 23796.1 | 21351.9 | 21148.2 | 21174.7 | 21289.9 | 22627.1 | 26196.1 | 26364.4 | 24300.9 | 23592.4 |
| 70° | 20944.5 | 17517.2 | 17242.7 | 17455.2 | 16879.6 | 18491.4 | 24044.1 | 23964.4 | 21440.4 | 20705.4 |
| 72.5° | 16941.6 | 12770.4 | 12301.0 | 12593.3 | 12726.1 | 14435.3 | 20227.2 | 18172.6 | 15639.7 | 15064.1 |
| 75° | 13461.2 | 9360.8 | 7899.6 | 8608.1 | 9059.7 | 10512.1 | 15799.1 | 12345.3 | 10919.5 | 10140.1 |
| 77.5° | 10574.1 | 7084.8 | 6146.1 | 5862.7 | 6278.9 | 7642.7 | 11495.1 | 6482.6 | 5721.0 | 5357.9 |
| 80° | 6704.0 | 5207.3 | 5650.1 | 5242.8 | 5419.9 | 5455.3 | 5986.7 | 2949.1 | 2346.8 | 2320.3 |
| 82.5° | 4038.3 | 3560.1 | 4233.2 | 2329.1 | 4242.0 | 3790.4 | 2488.5 | 1337.3 | 1186.7 | 1186.7 |
| 85° | 2860.5 | 2205.1 | 1461.2 | 947.6 | 1886.3 | 2081.2 | 965.3 | 690.8 | 602.2 | 584.5 |
| 87.5° | 1434.7 | 681.9 | 327.7 | 212.5 | 239.1 | 389.7 | 115.1 | 53.1 | 53.1 | 44.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)