

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: P598936

Luminaire Tested: **IFLD-S-SA2B-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598936
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

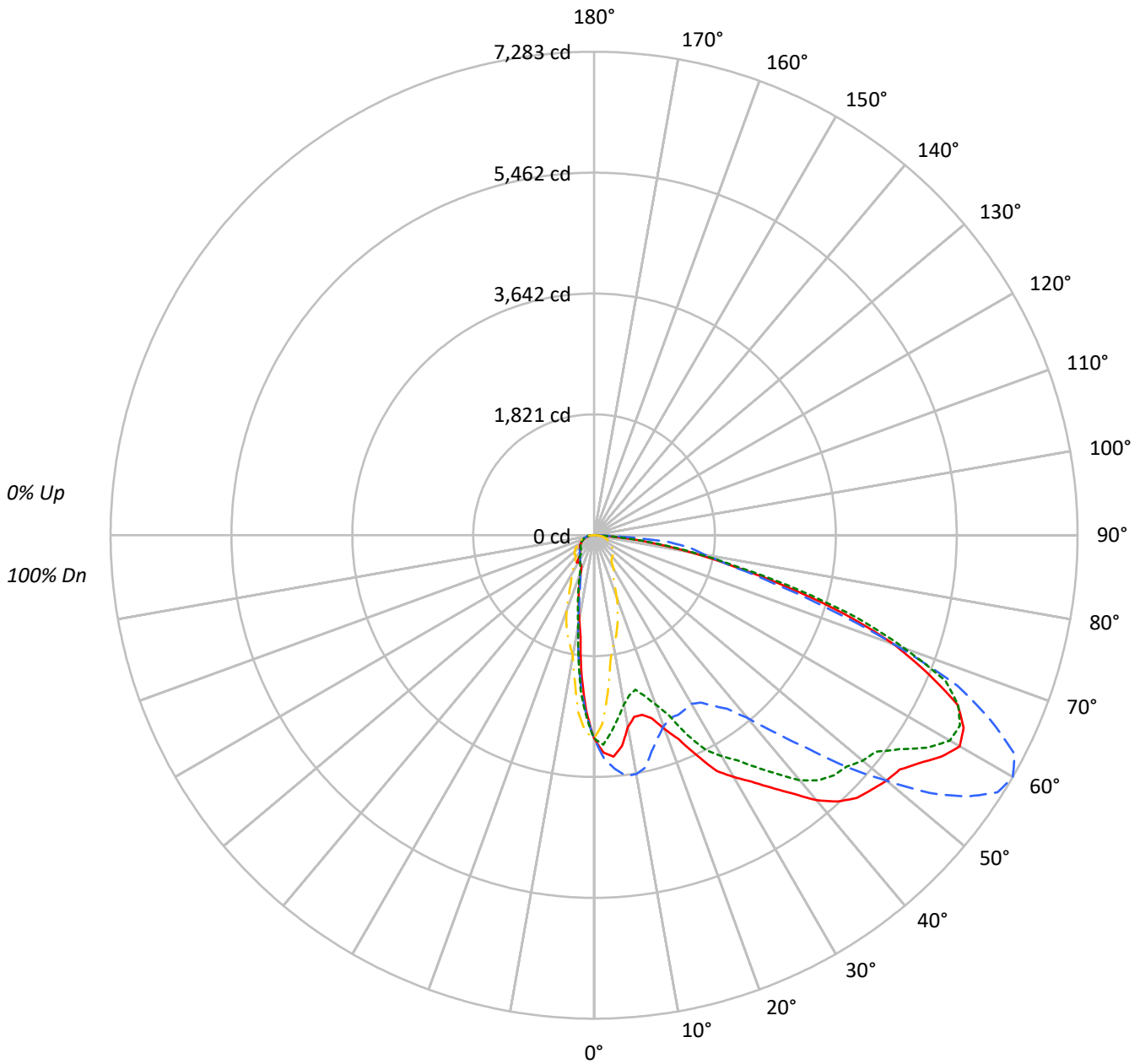
Lumens per Lamp: N/A
 Luminaire Lumens: 9578.9 lumens
 Efficiency: N/A
 Efficacy: 116.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 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: P598936

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 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 | 102 | 102 | 102 | 100 |
| 1 | 106 | 100 | 94 | 89 | 103 | 97 | 92 | 88 | 93 | 89 | 85 | 89 | 85 | 82 | 85 | 82 | 80 | 80 | 80 | 80 | 77 |
| 2 | 94 | 83 | 75 | 68 | 91 | 81 | 74 | 67 | 78 | 71 | 65 | 74 | 69 | 64 | 71 | 66 | 62 | 62 | 62 | 62 | 60 |
| 3 | 84 | 71 | 61 | 53 | 81 | 69 | 60 | 53 | 66 | 58 | 52 | 63 | 56 | 51 | 60 | 55 | 50 | 50 | 50 | 50 | 47 |
| 4 | 75 | 61 | 51 | 43 | 73 | 60 | 50 | 42 | 57 | 48 | 42 | 54 | 47 | 41 | 52 | 46 | 40 | 40 | 40 | 40 | 38 |
| 5 | 68 | 53 | 43 | 35 | 66 | 52 | 42 | 35 | 50 | 41 | 34 | 48 | 40 | 34 | 46 | 39 | 34 | 34 | 34 | 34 | 31 |
| 6 | 63 | 47 | 37 | 30 | 60 | 46 | 37 | 29 | 44 | 36 | 29 | 42 | 35 | 29 | 41 | 34 | 29 | 29 | 29 | 29 | 26 |
| 7 | 58 | 42 | 32 | 25 | 56 | 41 | 32 | 25 | 40 | 31 | 25 | 38 | 31 | 25 | 37 | 30 | 25 | 25 | 25 | 25 | 22 |
| 8 | 53 | 38 | 29 | 22 | 52 | 37 | 28 | 22 | 36 | 28 | 22 | 35 | 27 | 22 | 33 | 27 | 22 | 22 | 22 | 22 | 19 |
| 9 | 50 | 35 | 26 | 20 | 48 | 34 | 26 | 20 | 33 | 25 | 19 | 32 | 25 | 19 | 31 | 24 | 19 | 19 | 19 | 19 | 17 |
| 10 | 46 | 32 | 23 | 18 | 45 | 31 | 23 | 18 | 30 | 23 | 17 | 29 | 22 | 17 | 28 | 22 | 17 | 17 | 17 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|-------|-------|
| 0° | 65864 | 65864 | 65864 | 65864 |
| 5° | 72359 | 64279 | 46096 | 50321 |
| 10° | 64093 | 56569 | 27959 | 30003 |
| 15° | 62411 | 53697 | 19793 | 20551 |
| 20° | 71161 | 62107 | 12948 | 14309 |
| 25° | 86702 | 78728 | 11304 | 11708 |
| 30° | 104467 | 95488 | 11726 | 10880 |
| 35° | 121834 | 112118 | 9716 | 9156 |
| 40° | 146403 | 135418 | 9074 | 8597 |
| 45° | 170379 | 155628 | 9185 | 8540 |
| 50° | 192549 | 176895 | 9394 | 8825 |
| 55° | 224554 | 210840 | 9728 | 9252 |
| 60° | 273881 | 266381 | 9696 | 9696 |
| 65° | 307795 | 308228 | 9959 | 10392 |
| 70° | 302499 | 313199 | 10430 | 10700 |
| 75° | 249531 | 266142 | 10954 | 11661 |
| 80° | 180159 | 189122 | 12112 | 12645 |
| 85° | 99716 | 107052 | 13635 | 16796 |

TEST NUMBER: P598936
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 237.7 | 2.5 |
| 10°-20° | 501.8 | 5.2 |
| 20°-30° | 734.2 | 7.7 |
| 30°-40° | 1034.5 | 10.8 |
| 40°-50° | 1421.7 | 14.8 |
| 50°-60° | 1937.6 | 20.2 |
| 60°-70° | 2120.6 | 22.1 |
| 70°-80° | 1224.3 | 12.8 |
| 80°-90° | 366.6 | 3.8 |
| 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° | 1473.7 | 15.4 |
| 0°-40° | 2508.2 | 26.2 |
| 0°-60° | 5867.4 | 61.3 |
| 0°-90° | 9578.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 9578.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3060 | 3060 | 3060 | 3060 | 3060 | |
| 5° | 3348 | 2974 | 2133 | 2329 | 3348 | 304 |
| 15° | 2800 | 2409 | 888 | 922 | 2800 | 818 |
| 25° | 3650 | 3314 | 476 | 493 | 3650 | 1709 |
| 35° | 4636 | 4266 | 370 | 348 | 4636 | 2940 |
| 45° | 5596 | 5112 | 302 | 280 | 5596 | 4301 |
| 55° | 5983 | 5618 | 259 | 246 | 5983 | 5398 |
| 65° | 6042 | 6051 | 196 | 204 | 6042 | 5783 |
| 75° | 3000 | 3200 | 132 | 140 | 3000 | 3223 |
| 85° | 404 | 433 | 55 | 68 | 404 | 560 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

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 CATALOG NUMBER: IFLD-S-SA2B-735-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 |
| 2.5° | 3276.2 | 3263.4 | 3276.2 | 3322.9 | 3335.7 | 3356.9 | 3356.9 | 3327.2 | 3271.9 | 3246.4 | 3203.9 |
| 5° | 3348.4 | 3327.2 | 3433.4 | 3531.1 | 3607.6 | 3599.1 | 3526.9 | 3467.4 | 3356.9 | 3191.2 | 3034.0 |
| 7.5° | 3203.9 | 3225.2 | 3301.7 | 3556.6 | 3735.1 | 3769.1 | 3654.4 | 3535.4 | 3297.4 | 3068.0 | 2855.5 |
| 10° | 2932.0 | 2961.7 | 3127.4 | 3390.9 | 3671.4 | 3726.6 | 3654.4 | 3509.9 | 3225.2 | 2940.5 | 2694.0 |
| 12.5° | 2800.3 | 2868.2 | 2966.0 | 3284.7 | 3484.4 | 3616.1 | 3582.1 | 3488.6 | 3169.9 | 2834.3 | 2596.3 |
| 15° | 2800.3 | 2817.3 | 2961.7 | 3229.4 | 3344.2 | 3348.4 | 3361.2 | 3378.2 | 3186.9 | 2881.0 | 2562.3 |
| 17.5° | 2889.5 | 2936.2 | 3059.5 | 3225.2 | 3246.4 | 3195.4 | 3195.4 | 3267.7 | 3220.9 | 3012.7 | 2685.5 |
| 20° | 3106.2 | 3089.2 | 3250.7 | 3318.7 | 3203.9 | 3076.5 | 3063.7 | 3186.9 | 3259.2 | 3152.9 | 2910.7 |
| 22.5° | 3322.9 | 3399.4 | 3531.1 | 3378.2 | 3165.7 | 2995.7 | 2978.7 | 3131.7 | 3373.9 | 3395.2 | 3169.9 |
| 25° | 3650.1 | 3726.6 | 3794.6 | 3607.6 | 3161.4 | 2974.5 | 2987.2 | 3106.2 | 3514.1 | 3739.3 | 3603.4 |
| 27.5° | 4002.8 | 4049.5 | 4147.3 | 3858.3 | 3263.4 | 2949.0 | 2961.7 | 3140.2 | 3645.9 | 3964.6 | 3943.3 |
| 30° | 4202.5 | 4253.5 | 4232.3 | 3905.1 | 3331.4 | 2966.0 | 2932.0 | 3186.9 | 3573.6 | 3964.6 | 4164.3 |
| 32.5° | 4398.0 | 4368.2 | 4355.5 | 3981.5 | 3416.4 | 3072.2 | 2987.2 | 3284.7 | 3616.1 | 4028.3 | 4449.0 |
| 35° | 4635.9 | 4593.4 | 4559.4 | 4130.3 | 3556.6 | 3174.2 | 3135.9 | 3412.1 | 3709.6 | 4160.0 | 4678.4 |
| 37.5° | 4899.4 | 4899.4 | 4733.7 | 4240.8 | 3722.3 | 3339.9 | 3297.4 | 3594.9 | 3858.3 | 4240.8 | 4992.9 |
| 40° | 5209.6 | 5222.3 | 4929.1 | 4389.5 | 3909.3 | 3603.4 | 3590.6 | 3832.8 | 4002.8 | 4359.7 | 5294.6 |
| 42.5° | 5439.0 | 5447.5 | 5099.1 | 4444.7 | 4126.0 | 3968.8 | 4024.0 | 4215.3 | 4168.5 | 4466.0 | 5315.8 |
| 45° | 5596.3 | 5553.8 | 5218.1 | 4601.9 | 4364.0 | 4517.0 | 4534.0 | 4589.2 | 4385.2 | 4529.7 | 5400.8 |
| 47.5° | 5672.7 | 5664.3 | 5269.1 | 4784.7 | 4865.4 | 5073.6 | 5171.3 | 5094.9 | 4584.9 | 4461.7 | 5400.8 |
| 50° | 5749.2 | 5677.0 | 5315.8 | 5035.4 | 5354.1 | 5774.7 | 5753.5 | 5613.3 | 4861.1 | 4546.7 | 5320.1 |
| 52.5° | 5800.2 | 5736.5 | 5409.3 | 5260.6 | 5821.5 | 6297.4 | 6382.4 | 6123.2 | 5184.1 | 4703.9 | 5358.3 |
| 55° | 5982.9 | 5932.0 | 5689.7 | 5566.5 | 6361.1 | 6849.8 | 6862.5 | 6501.4 | 5524.0 | 4963.1 | 5609.0 |
| 57.5° | 6203.9 | 6233.7 | 6076.4 | 5999.9 | 6773.3 | 7253.5 | 7206.7 | 6781.8 | 5813.0 | 5277.6 | 5898.0 |
| 60° | 6361.1 | 6407.9 | 6369.6 | 6378.1 | 6977.3 | 7389.4 | 7283.2 | 6956.0 | 6025.4 | 5515.5 | 6250.6 |
| 62.5° | 6276.1 | 6369.6 | 6526.8 | 6492.9 | 6985.8 | 7291.7 | 7143.0 | 6726.6 | 6050.9 | 5825.7 | 6518.4 |
| 65° | 6042.4 | 6050.9 | 6356.9 | 6543.8 | 6603.3 | 6786.1 | 6590.6 | 6246.4 | 5787.5 | 6016.9 | 6480.1 |
| 67.5° | 5443.3 | 5511.3 | 5787.5 | 6152.9 | 5902.2 | 5944.7 | 5927.7 | 5430.5 | 5388.0 | 5885.2 | 6186.9 |
| 70° | 4805.9 | 4852.6 | 5154.3 | 5583.5 | 4984.4 | 4784.7 | 4822.9 | 4453.2 | 4627.4 | 5477.3 | 5596.3 |
| 72.5° | 3973.0 | 4002.8 | 4347.0 | 4725.2 | 3998.5 | 3641.6 | 3730.8 | 3429.1 | 3675.6 | 4793.2 | 4720.9 |
| 75° | 3000.0 | 3055.2 | 3322.9 | 3769.1 | 2944.7 | 2715.3 | 2804.5 | 2681.3 | 2910.7 | 3947.6 | 3662.9 |
| 77.5° | 2133.1 | 2090.6 | 2422.1 | 2949.0 | 2213.9 | 2077.9 | 2086.4 | 2107.6 | 2354.1 | 3327.2 | 2630.3 |
| 80° | 1453.2 | 1466.0 | 1763.4 | 2162.9 | 1737.9 | 1716.7 | 1695.5 | 1865.4 | 1975.9 | 2634.5 | 1912.2 |
| 82.5° | 862.6 | 862.6 | 1189.8 | 1538.2 | 1372.5 | 1546.7 | 1449.0 | 1602.0 | 1546.7 | 1937.7 | 1253.5 |
| 85° | 403.7 | 403.7 | 611.9 | 1109.1 | 1062.3 | 1274.8 | 1083.6 | 1211.0 | 1143.0 | 1351.3 | 565.2 |
| 87.5° | 68.0 | 59.5 | 123.2 | 543.9 | 437.7 | 497.2 | 195.5 | 645.9 | 718.1 | 943.3 | 140.2 |
| 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):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 |
| 2.5° | 3157.2 | 3127.4 | 3068.0 | 2991.5 | 2927.7 | 2847.0 | 2821.5 | 2766.3 | 2689.8 | 2681.3 | 2647.3 |
| 5° | 2974.5 | 2872.5 | 2745.0 | 2587.8 | 2481.6 | 2371.1 | 2277.6 | 2222.4 | 2158.6 | 2150.1 | 2133.1 |
| 7.5° | 2774.8 | 2647.3 | 2434.8 | 2247.9 | 2065.1 | 1890.9 | 1805.9 | 1699.7 | 1627.5 | 1572.2 | 1546.7 |
| 10° | 2587.8 | 2468.8 | 2205.4 | 1950.4 | 1788.9 | 1674.2 | 1572.2 | 1461.7 | 1372.5 | 1304.5 | 1279.0 |
| 12.5° | 2464.6 | 2324.3 | 2039.6 | 1797.4 | 1678.5 | 1546.7 | 1432.0 | 1313.0 | 1198.3 | 1109.1 | 1062.3 |
| 15° | 2409.3 | 2277.6 | 1988.6 | 1720.9 | 1546.7 | 1364.0 | 1232.3 | 1113.3 | 973.1 | 909.3 | 888.1 |
| 17.5° | 2541.1 | 2345.6 | 1971.7 | 1631.7 | 1385.3 | 1177.0 | 1015.6 | 888.1 | 786.1 | 722.4 | 696.9 |
| 20° | 2711.0 | 2468.8 | 2001.4 | 1525.5 | 1232.3 | 998.6 | 820.1 | 684.1 | 616.1 | 569.4 | 565.2 |
| 22.5° | 2927.7 | 2651.5 | 2048.1 | 1449.0 | 1062.3 | 803.1 | 641.6 | 560.9 | 514.2 | 509.9 | 501.4 |
| 25° | 3314.4 | 2983.0 | 2124.6 | 1347.0 | 926.3 | 662.9 | 548.2 | 501.4 | 480.2 | 467.4 | 475.9 |
| 27.5° | 3645.9 | 3199.7 | 2179.9 | 1283.3 | 871.1 | 624.6 | 531.2 | 480.2 | 458.9 | 454.7 | 458.9 |
| 30° | 3841.3 | 3399.4 | 2162.9 | 1164.3 | 760.6 | 594.9 | 565.2 | 548.2 | 505.7 | 471.7 | 471.7 |
| 32.5° | 4019.8 | 3526.9 | 2158.6 | 1058.1 | 650.1 | 497.2 | 471.7 | 458.9 | 484.4 | 501.4 | 488.7 |
| 35° | 4266.2 | 3726.6 | 2145.9 | 998.6 | 603.4 | 458.9 | 416.4 | 382.4 | 365.4 | 356.9 | 369.7 |
| 37.5° | 4529.7 | 3862.6 | 2111.9 | 990.1 | 577.9 | 437.7 | 403.7 | 369.7 | 352.7 | 344.2 | 339.9 |
| 40° | 4818.7 | 4007.0 | 2073.6 | 947.6 | 565.2 | 424.9 | 390.9 | 361.2 | 339.9 | 327.2 | 322.9 |
| 42.5° | 5005.6 | 4121.8 | 2035.4 | 926.3 | 539.7 | 416.4 | 378.2 | 352.7 | 331.4 | 314.4 | 314.4 |
| 45° | 5111.8 | 4257.7 | 1997.1 | 905.1 | 509.9 | 420.7 | 378.2 | 344.2 | 318.7 | 310.2 | 301.7 |
| 47.5° | 5158.6 | 4359.7 | 1984.4 | 871.1 | 484.4 | 403.7 | 369.7 | 335.7 | 310.2 | 293.2 | 288.9 |
| 50° | 5281.8 | 4576.4 | 2031.1 | 845.6 | 454.7 | 386.7 | 390.9 | 331.4 | 305.9 | 284.7 | 280.5 |
| 52.5° | 5354.1 | 4750.7 | 2133.1 | 807.4 | 433.4 | 365.4 | 382.4 | 322.9 | 293.2 | 272.0 | 272.0 |
| 55° | 5617.5 | 5039.6 | 2243.6 | 777.6 | 407.9 | 335.7 | 352.7 | 305.9 | 272.0 | 259.2 | 259.2 |
| 57.5° | 5953.2 | 5345.6 | 2337.1 | 764.9 | 390.9 | 314.4 | 314.4 | 297.4 | 259.2 | 242.2 | 238.0 |
| 60° | 6186.9 | 5596.3 | 2392.3 | 756.4 | 373.9 | 293.2 | 280.5 | 297.4 | 246.5 | 229.5 | 225.2 |
| 62.5° | 6212.4 | 5451.8 | 2337.1 | 752.1 | 369.7 | 272.0 | 255.0 | 284.7 | 233.7 | 216.7 | 208.2 |
| 65° | 6050.9 | 5158.6 | 2184.1 | 735.1 | 365.4 | 250.7 | 238.0 | 246.5 | 216.7 | 204.0 | 195.5 |
| 67.5° | 5728.0 | 4682.7 | 1963.2 | 726.6 | 361.2 | 233.7 | 216.7 | 212.5 | 199.7 | 187.0 | 178.5 |
| 70° | 4975.9 | 4062.3 | 1703.9 | 688.4 | 352.7 | 221.0 | 195.5 | 191.2 | 178.5 | 170.0 | 165.7 |
| 72.5° | 4177.0 | 3322.9 | 1406.5 | 637.4 | 335.7 | 199.7 | 178.5 | 170.0 | 165.7 | 153.0 | 148.7 |
| 75° | 3199.7 | 2558.0 | 1126.1 | 565.2 | 293.2 | 178.5 | 157.2 | 148.7 | 144.5 | 136.0 | 131.7 |
| 77.5° | 2247.9 | 1903.7 | 832.9 | 458.9 | 246.5 | 161.5 | 140.2 | 131.7 | 127.5 | 114.7 | 114.7 |
| 80° | 1525.5 | 1334.3 | 565.2 | 318.7 | 191.2 | 131.7 | 123.2 | 114.7 | 106.2 | 97.7 | 97.7 |
| 82.5° | 947.6 | 934.8 | 407.9 | 208.2 | 140.2 | 106.2 | 97.7 | 97.7 | 85.0 | 76.5 | 76.5 |
| 85° | 433.4 | 573.6 | 284.7 | 144.5 | 106.2 | 80.7 | 80.7 | 76.5 | 68.0 | 55.2 | 55.2 |
| 87.5° | 136.0 | 191.2 | 148.7 | 63.7 | 59.5 | 46.7 | 46.7 | 42.5 | 42.5 | 34.0 | 34.0 |
| 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: P598936
 CATALOG NUMBER: IFLD-S-SA2B-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 |
| 2.5° | 2681.3 | 2677.0 | 2677.0 | 2660.0 | 2702.5 | 2702.5 | 2728.0 | 2706.8 | 2719.5 | 2723.8 | 2757.8 |
| 5° | 2128.9 | 2162.9 | 2188.4 | 2239.4 | 2269.1 | 2281.8 | 2281.8 | 2315.8 | 2303.1 | 2328.6 | 2379.6 |
| 7.5° | 1559.5 | 1602.0 | 1678.5 | 1742.2 | 1793.2 | 1810.2 | 1805.9 | 1814.4 | 1827.2 | 1797.4 | 1805.9 |
| 10° | 1262.0 | 1232.3 | 1257.8 | 1317.3 | 1364.0 | 1419.2 | 1376.8 | 1372.5 | 1385.3 | 1372.5 | 1398.0 |
| 12.5° | 1053.8 | 1019.8 | 998.6 | 998.6 | 1032.6 | 1058.1 | 1045.3 | 1066.6 | 1113.3 | 1126.1 | 1155.8 |
| 15° | 854.1 | 824.4 | 807.4 | 786.1 | 820.1 | 828.6 | 841.4 | 871.1 | 905.1 | 922.1 | 956.1 |
| 17.5° | 684.1 | 684.1 | 684.1 | 667.1 | 679.9 | 692.6 | 696.9 | 735.1 | 739.4 | 756.4 | 769.1 |
| 20° | 560.9 | 573.6 | 594.9 | 603.4 | 616.1 | 616.1 | 607.6 | 628.9 | 611.9 | 624.6 | 633.1 |
| 22.5° | 505.7 | 522.7 | 531.2 | 535.4 | 552.4 | 556.7 | 535.4 | 539.7 | 543.9 | 531.2 | 535.4 |
| 25° | 475.9 | 484.4 | 475.9 | 480.2 | 484.4 | 475.9 | 480.2 | 488.7 | 484.4 | 492.9 | 488.7 |
| 27.5° | 463.2 | 454.7 | 450.4 | 446.2 | 446.2 | 437.7 | 441.9 | 441.9 | 450.4 | 454.7 | 454.7 |
| 30° | 463.2 | 450.4 | 433.4 | 420.7 | 420.7 | 407.9 | 416.4 | 424.9 | 429.2 | 437.7 | 437.7 |
| 32.5° | 475.9 | 450.4 | 420.7 | 407.9 | 395.2 | 386.7 | 395.2 | 407.9 | 424.9 | 429.2 | 433.4 |
| 35° | 378.2 | 390.9 | 386.7 | 369.7 | 365.4 | 365.4 | 361.2 | 361.2 | 348.4 | 348.4 | 344.2 |
| 37.5° | 339.9 | 335.7 | 344.2 | 348.4 | 352.7 | 339.9 | 339.9 | 322.9 | 318.7 | 322.9 | 322.9 |
| 40° | 318.7 | 318.7 | 318.7 | 331.4 | 335.7 | 327.2 | 314.4 | 305.9 | 305.9 | 305.9 | 310.2 |
| 42.5° | 310.2 | 301.7 | 297.4 | 305.9 | 318.7 | 310.2 | 297.4 | 293.2 | 293.2 | 297.4 | 297.4 |
| 45° | 297.4 | 293.2 | 288.9 | 284.7 | 301.7 | 288.9 | 284.7 | 280.5 | 280.5 | 280.5 | 284.7 |
| 47.5° | 284.7 | 280.5 | 272.0 | 272.0 | 276.2 | 272.0 | 267.7 | 267.7 | 267.7 | 276.2 | 276.2 |
| 50° | 276.2 | 272.0 | 263.5 | 263.5 | 263.5 | 263.5 | 259.2 | 259.2 | 259.2 | 263.5 | 267.7 |
| 52.5° | 263.5 | 259.2 | 255.0 | 250.7 | 250.7 | 250.7 | 250.7 | 250.7 | 250.7 | 255.0 | 259.2 |
| 55° | 250.7 | 246.5 | 242.2 | 242.2 | 246.5 | 246.5 | 242.2 | 246.5 | 242.2 | 246.5 | 250.7 |
| 57.5° | 238.0 | 233.7 | 229.5 | 233.7 | 238.0 | 233.7 | 233.7 | 233.7 | 233.7 | 233.7 | 238.0 |
| 60° | 221.0 | 221.0 | 221.0 | 221.0 | 229.5 | 229.5 | 229.5 | 229.5 | 221.0 | 225.2 | 229.5 |
| 62.5° | 212.5 | 208.2 | 208.2 | 212.5 | 216.7 | 216.7 | 221.0 | 216.7 | 212.5 | 216.7 | 216.7 |
| 65° | 195.5 | 195.5 | 195.5 | 199.7 | 199.7 | 204.0 | 204.0 | 204.0 | 199.7 | 204.0 | 204.0 |
| 67.5° | 182.7 | 182.7 | 182.7 | 182.7 | 191.2 | 191.2 | 191.2 | 191.2 | 187.0 | 187.0 | 191.2 |
| 70° | 161.5 | 165.7 | 161.5 | 170.0 | 178.5 | 174.2 | 178.5 | 178.5 | 174.2 | 170.0 | 178.5 |
| 72.5° | 148.7 | 148.7 | 148.7 | 148.7 | 161.5 | 161.5 | 161.5 | 165.7 | 161.5 | 157.2 | 161.5 |
| 75° | 131.7 | 131.7 | 131.7 | 136.0 | 144.5 | 144.5 | 144.5 | 144.5 | 144.5 | 140.2 | 140.2 |
| 77.5° | 114.7 | 119.0 | 114.7 | 119.0 | 127.5 | 123.2 | 127.5 | 131.7 | 127.5 | 123.2 | 123.2 |
| 80° | 97.7 | 97.7 | 97.7 | 102.0 | 106.2 | 106.2 | 106.2 | 110.5 | 106.2 | 102.0 | 102.0 |
| 82.5° | 76.5 | 76.5 | 80.7 | 80.7 | 85.0 | 85.0 | 85.0 | 89.2 | 85.0 | 80.7 | 80.7 |
| 85° | 59.5 | 59.5 | 59.5 | 63.7 | 63.7 | 68.0 | 68.0 | 72.2 | 72.2 | 68.0 | 68.0 |
| 87.5° | 38.2 | 34.0 | 38.2 | 38.2 | 42.5 | 42.5 | 38.2 | 34.0 | 38.2 | 34.0 | 29.7 |
| 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: P598936
 CATALOG NUMBER: IFLD-S-SA2B-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 | 3059.5 |
| 2.5° | 2791.8 | 2868.2 | 2923.5 | 2961.7 | 3017.0 | 3123.2 | 3165.7 | 3242.2 | 3263.4 | 3276.2 |
| 5° | 2400.8 | 2481.6 | 2600.5 | 2685.5 | 2783.3 | 2983.0 | 3135.9 | 3250.7 | 3301.7 | 3348.4 |
| 7.5° | 1882.4 | 1988.6 | 2111.9 | 2222.4 | 2383.8 | 2630.3 | 2830.0 | 3068.0 | 3157.2 | 3203.9 |
| 10° | 1470.2 | 1568.0 | 1703.9 | 1839.9 | 2065.1 | 2273.3 | 2558.0 | 2774.8 | 2898.0 | 2932.0 |
| 12.5° | 1240.8 | 1355.5 | 1517.0 | 1682.7 | 1822.9 | 2060.9 | 2349.8 | 2664.3 | 2779.0 | 2800.3 |
| 15° | 1053.8 | 1211.0 | 1376.8 | 1546.7 | 1708.2 | 1916.4 | 2226.6 | 2609.0 | 2779.0 | 2800.3 |
| 17.5° | 871.1 | 1011.3 | 1206.8 | 1389.5 | 1576.5 | 1861.2 | 2247.9 | 2655.8 | 2825.8 | 2889.5 |
| 20° | 692.6 | 828.6 | 981.6 | 1211.0 | 1466.0 | 1767.7 | 2294.6 | 2813.0 | 3038.2 | 3106.2 |
| 22.5° | 573.6 | 633.1 | 781.9 | 1002.8 | 1304.5 | 1703.9 | 2341.3 | 3059.5 | 3297.4 | 3322.9 |
| 25° | 501.4 | 543.9 | 637.4 | 845.6 | 1177.0 | 1661.5 | 2451.8 | 3344.2 | 3650.1 | 3650.1 |
| 27.5° | 467.4 | 484.4 | 548.2 | 735.1 | 1087.8 | 1623.2 | 2562.3 | 3658.6 | 3943.3 | 4002.8 |
| 30° | 458.9 | 501.4 | 535.4 | 654.4 | 990.1 | 1517.0 | 2664.3 | 3905.1 | 4198.3 | 4202.5 |
| 32.5° | 450.4 | 441.9 | 467.4 | 569.4 | 871.1 | 1406.5 | 2749.3 | 4155.8 | 4385.2 | 4398.0 |
| 35° | 352.7 | 369.7 | 412.2 | 501.4 | 781.9 | 1325.8 | 2791.8 | 4291.7 | 4623.2 | 4635.9 |
| 37.5° | 331.4 | 352.7 | 386.7 | 463.2 | 722.4 | 1257.8 | 2804.5 | 4555.2 | 4873.9 | 4899.4 |
| 40° | 322.9 | 339.9 | 365.4 | 429.2 | 675.6 | 1172.8 | 2830.0 | 4827.1 | 5243.6 | 5209.6 |
| 42.5° | 305.9 | 327.2 | 352.7 | 412.2 | 637.4 | 1109.1 | 2834.3 | 4975.9 | 5439.0 | 5439.0 |
| 45° | 301.7 | 314.4 | 344.2 | 412.2 | 594.9 | 1053.8 | 2766.3 | 5124.6 | 5664.3 | 5596.3 |
| 47.5° | 284.7 | 310.2 | 335.7 | 399.4 | 543.9 | 998.6 | 2685.5 | 5201.1 | 5694.0 | 5672.7 |
| 50° | 280.5 | 305.9 | 348.4 | 378.2 | 514.2 | 973.1 | 2668.5 | 5392.3 | 5753.5 | 5749.2 |
| 52.5° | 272.0 | 297.4 | 361.2 | 361.2 | 475.9 | 939.1 | 2749.3 | 5477.3 | 5766.2 | 5800.2 |
| 55° | 259.2 | 297.4 | 335.7 | 331.4 | 441.9 | 896.6 | 2838.5 | 5698.2 | 5991.4 | 5982.9 |
| 57.5° | 250.7 | 288.9 | 318.7 | 301.7 | 403.7 | 866.8 | 2970.2 | 5910.7 | 6263.4 | 6203.9 |
| 60° | 238.0 | 288.9 | 284.7 | 280.5 | 373.9 | 841.4 | 3080.7 | 5953.2 | 6322.9 | 6361.1 |
| 62.5° | 229.5 | 301.7 | 250.7 | 259.2 | 348.4 | 828.6 | 3034.0 | 5634.5 | 6242.1 | 6276.1 |
| 65° | 221.0 | 259.2 | 229.5 | 238.0 | 339.9 | 803.1 | 2851.2 | 5252.1 | 5893.7 | 6042.4 |
| 67.5° | 204.0 | 212.5 | 212.5 | 221.0 | 331.4 | 743.6 | 2477.3 | 4563.7 | 5362.6 | 5443.3 |
| 70° | 187.0 | 191.2 | 191.2 | 204.0 | 322.9 | 675.6 | 2043.9 | 3947.6 | 4652.9 | 4805.9 |
| 72.5° | 170.0 | 170.0 | 170.0 | 187.0 | 297.4 | 620.4 | 1682.7 | 3034.0 | 3866.8 | 3973.0 |
| 75° | 148.7 | 148.7 | 148.7 | 165.7 | 267.7 | 565.2 | 1325.8 | 2256.4 | 2847.0 | 3000.0 |
| 77.5° | 131.7 | 131.7 | 127.5 | 148.7 | 233.7 | 458.9 | 956.1 | 1593.5 | 2005.6 | 2133.1 |
| 80° | 110.5 | 106.2 | 106.2 | 119.0 | 182.7 | 331.4 | 616.1 | 1126.1 | 1398.0 | 1453.2 |
| 82.5° | 89.2 | 85.0 | 80.7 | 89.2 | 131.7 | 208.2 | 382.4 | 786.1 | 896.6 | 862.6 |
| 85° | 85.0 | 89.2 | 72.2 | 68.0 | 93.5 | 136.0 | 242.2 | 484.4 | 403.7 | 403.7 |
| 87.5° | 34.0 | 29.7 | 29.7 | 25.5 | 46.7 | 51.0 | 106.2 | 89.2 | 68.0 | 68.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)