

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: P598794

Luminaire Tested: **IFLD-S-SAZE-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



Cooper Lighting Solutions laboratories have been accredited by National Voluntary Laboratory Accreditation Program (NVLAP) that it adheres to the requirements of ISO/IEC 17025:2005 and appropriate IESNA test methods. This report must not be used to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government. Results contained in this report are valid for luminaire sample tested, as supplied by requestor. Information related to the luminaire tested has been supplied by requestor and can affect the validity of the test results. Report shall not be reproduced except in full without approval of Cooper Lighting Solutions Lighting Laboratory. Test performed at address noted above.

Test Information

Test Method: LM-79-08
 Report Number: P598794
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-827-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

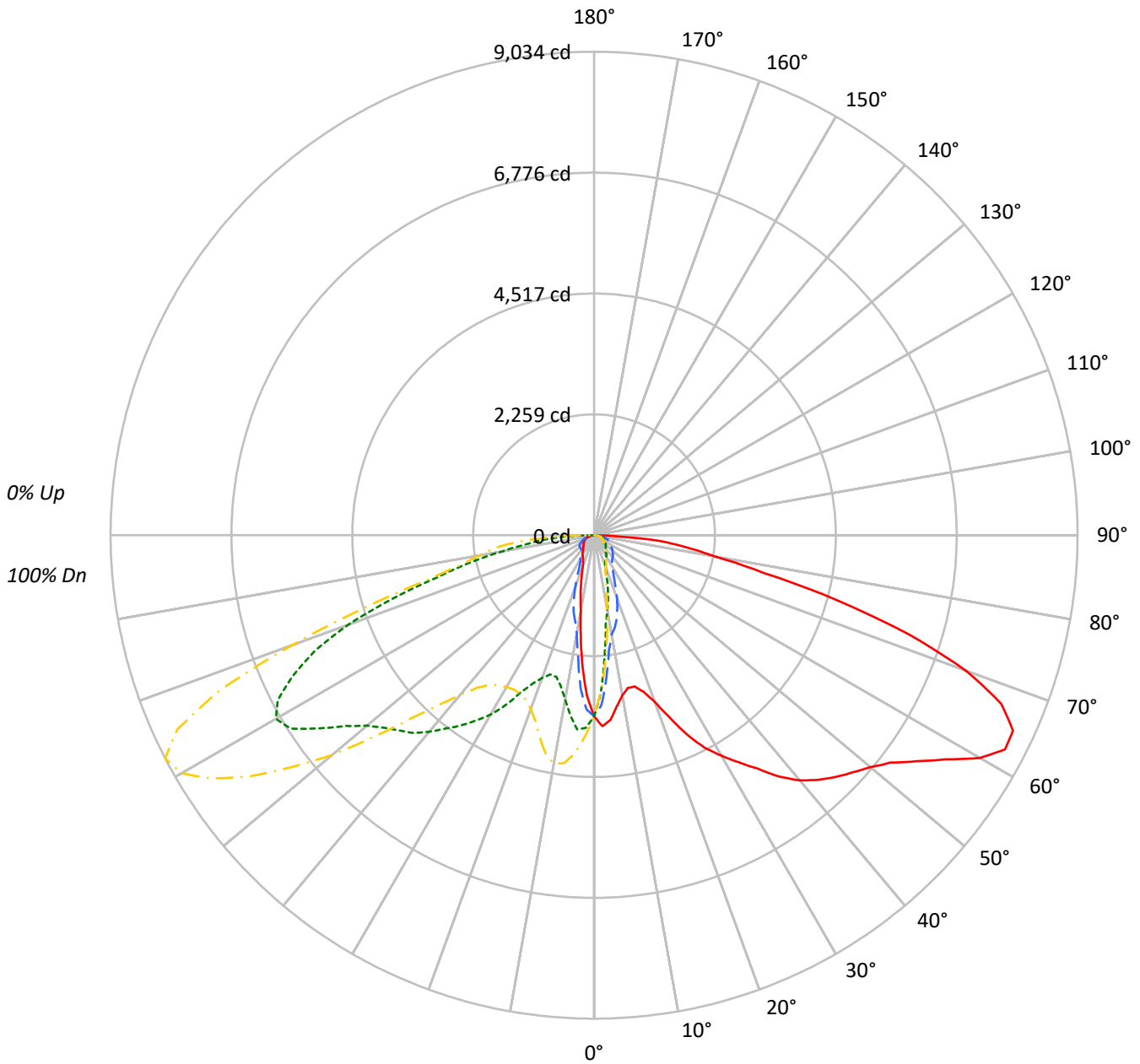
Lumens per Lamp: N/A
 Luminaire Lumens: 11316.8 lumens
 Efficiency: N/A
 Efficacy: 72.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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: P598794
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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 | 102 | 102 | 102 | 100 |
| 1 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 87 | 92 | 88 | 84 | 88 | 85 | 82 | 85 | 82 | 79 | 85 | 82 | 79 | 77 |
| 2 | 93 | 83 | 74 | 67 | 90 | 81 | 73 | 66 | 77 | 70 | 64 | 73 | 68 | 63 | 70 | 65 | 61 | 70 | 65 | 61 | 59 |
| 3 | 83 | 70 | 60 | 52 | 80 | 68 | 59 | 51 | 65 | 57 | 50 | 62 | 55 | 49 | 59 | 53 | 48 | 59 | 53 | 48 | 46 |
| 4 | 74 | 60 | 49 | 41 | 72 | 59 | 49 | 41 | 56 | 47 | 40 | 53 | 46 | 40 | 51 | 44 | 39 | 51 | 44 | 39 | 36 |
| 5 | 68 | 52 | 42 | 34 | 65 | 51 | 41 | 34 | 49 | 40 | 33 | 47 | 39 | 33 | 45 | 38 | 32 | 45 | 38 | 32 | 30 |
| 6 | 62 | 46 | 36 | 28 | 60 | 45 | 35 | 28 | 43 | 34 | 28 | 41 | 34 | 28 | 40 | 33 | 27 | 40 | 33 | 27 | 25 |
| 7 | 57 | 41 | 31 | 24 | 55 | 40 | 31 | 24 | 39 | 30 | 24 | 37 | 29 | 24 | 36 | 29 | 23 | 36 | 29 | 23 | 21 |
| 8 | 53 | 37 | 28 | 21 | 51 | 36 | 27 | 21 | 35 | 27 | 21 | 34 | 26 | 21 | 32 | 26 | 20 | 32 | 26 | 20 | 18 |
| 9 | 49 | 34 | 25 | 19 | 47 | 33 | 24 | 18 | 32 | 24 | 18 | 31 | 23 | 18 | 30 | 23 | 18 | 30 | 23 | 18 | 16 |
| 10 | 46 | 31 | 22 | 17 | 44 | 31 | 22 | 17 | 29 | 22 | 16 | 28 | 21 | 16 | 28 | 21 | 16 | 28 | 21 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|-------|-------|--------|
| 0° | 72775 | 72775 | 72775 | 72775 |
| 5° | 74896 | 48703 | 53204 | 78680 |
| 10° | 66445 | 30947 | 31258 | 68000 |
| 15° | 65212 | 21948 | 20787 | 60991 |
| 20° | 75819 | 13883 | 13993 | 64973 |
| 25° | 97505 | 11922 | 11585 | 76814 |
| 30° | 118166 | 11298 | 10592 | 96156 |
| 35° | 139858 | 9955 | 9582 | 113976 |
| 40° | 168051 | 9448 | 8782 | 134654 |
| 45° | 194452 | 9371 | 8503 | 156974 |
| 50° | 225802 | 9515 | 8564 | 185368 |
| 55° | 276330 | 9773 | 8708 | 236167 |
| 60° | 358374 | 9787 | 9175 | 295383 |
| 65° | 439911 | 9887 | 9408 | 316185 |
| 70° | 465496 | 10430 | 9832 | 307849 |
| 75° | 391848 | 11029 | 9848 | 251253 |
| 80° | 284681 | 12918 | 9980 | 217177 |
| 85° | 301716 | 18723 | 8176 | 225712 |

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 261.6 | 2.3 |
| 10°-20° | 547.5 | 4.8 |
| 20°-30° | 789.1 | 7.0 |
| 30°-40° | 1135.9 | 10.0 |
| 40°-50° | 1613.5 | 14.3 |
| 50°-60° | 2319.8 | 20.5 |
| 60°-70° | 2680.1 | 23.7 |
| 70°-80° | 1517.5 | 13.4 |
| 80°-90° | 451.6 | 4.0 |
| 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° | 1598.2 | 14.1 |
| 0°-40° | 2734.2 | 24.2 |
| 0°-60° | 6667.5 | 58.9 |
| 0°-90° | 11316.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 11316.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3380 | 3380 | 3380 | 3380 | 3380 | |
| 5° | 3466 | 2254 | 2462 | 3641 | 3466 | 314 |
| 15° | 2926 | 985 | 933 | 2737 | 2926 | 860 |
| 25° | 4105 | 502 | 488 | 3234 | 4105 | 1905 |
| 35° | 5322 | 379 | 365 | 4337 | 5322 | 3377 |
| 45° | 6387 | 308 | 279 | 5156 | 6387 | 4946 |
| 55° | 7362 | 260 | 232 | 6292 | 7362 | 6668 |
| 65° | 8636 | 194 | 185 | 6207 | 8636 | 8281 |
| 75° | 4711 | 133 | 118 | 3021 | 4711 | 4999 |
| 85° | 1222 | 76 | 33 | 914 | 1222 | 1217 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 |
| 2.5° | 3569.9 | 3565.2 | 3536.8 | 3446.8 | 3352.1 | 3262.2 | 3176.9 | 3087.0 | 3039.6 | 2982.8 | 2959.2 |
| 5° | 3465.8 | 3456.3 | 3375.8 | 3176.9 | 3001.8 | 2812.4 | 2651.4 | 2523.6 | 2419.4 | 2315.2 | 2277.4 |
| 7.5° | 3229.0 | 3214.8 | 3120.1 | 2845.5 | 2589.9 | 2343.7 | 2149.5 | 1983.8 | 1846.5 | 1785.0 | 1713.9 |
| 10° | 3039.6 | 3016.0 | 2892.9 | 2589.9 | 2258.4 | 2012.2 | 1884.4 | 1770.8 | 1652.4 | 1553.0 | 1448.8 |
| 12.5° | 2921.3 | 2892.9 | 2765.0 | 2409.9 | 2088.0 | 1903.3 | 1770.8 | 1642.9 | 1496.1 | 1373.0 | 1259.4 |
| 15° | 2926.0 | 2892.9 | 2736.6 | 2362.6 | 2045.4 | 1808.6 | 1624.0 | 1448.8 | 1278.4 | 1141.1 | 1013.2 |
| 17.5° | 3063.3 | 3020.7 | 2855.0 | 2428.9 | 2012.2 | 1685.5 | 1439.3 | 1212.1 | 1017.9 | 871.2 | 767.0 |
| 20° | 3309.5 | 3281.1 | 3091.7 | 2528.3 | 1979.1 | 1553.0 | 1249.9 | 975.3 | 771.7 | 658.1 | 615.5 |
| 22.5° | 3678.8 | 3645.7 | 3442.1 | 2679.8 | 1969.6 | 1434.6 | 1046.4 | 767.0 | 620.2 | 572.9 | 549.2 |
| 25° | 4104.9 | 4043.4 | 3854.0 | 2935.5 | 1988.6 | 1325.7 | 880.6 | 634.4 | 554.0 | 520.8 | 506.6 |
| 27.5° | 4474.2 | 4436.4 | 4223.3 | 3176.9 | 1998.0 | 1240.5 | 767.0 | 577.6 | 516.1 | 487.7 | 478.2 |
| 30° | 4753.6 | 4739.4 | 4531.1 | 3442.1 | 1974.3 | 1136.3 | 696.0 | 554.0 | 516.1 | 487.7 | 459.3 |
| 32.5° | 5032.9 | 5037.7 | 4815.1 | 3645.7 | 1941.2 | 1046.4 | 629.7 | 492.4 | 454.5 | 435.6 | 440.3 |
| 35° | 5321.7 | 5345.4 | 5156.0 | 3844.5 | 1870.2 | 1013.2 | 582.4 | 459.3 | 426.1 | 397.7 | 383.5 |
| 37.5° | 5686.3 | 5747.9 | 5563.2 | 4067.1 | 1799.2 | 984.8 | 558.7 | 435.6 | 402.4 | 378.8 | 359.8 |
| 40° | 5979.9 | 6093.5 | 5984.6 | 4275.4 | 1751.8 | 951.7 | 539.8 | 411.9 | 388.2 | 359.8 | 345.6 |
| 42.5° | 6197.7 | 6330.2 | 6292.3 | 4436.4 | 1751.8 | 918.5 | 520.8 | 397.7 | 378.8 | 345.6 | 326.7 |
| 45° | 6387.0 | 6524.3 | 6519.6 | 4602.1 | 1789.7 | 899.6 | 497.1 | 397.7 | 369.3 | 336.2 | 317.2 |
| 47.5° | 6557.5 | 6694.8 | 6742.1 | 4810.4 | 1851.2 | 890.1 | 468.7 | 388.2 | 369.3 | 331.4 | 303.0 |
| 50° | 6742.1 | 6893.6 | 7035.7 | 5141.8 | 1927.0 | 866.4 | 449.8 | 374.0 | 374.0 | 326.7 | 293.5 |
| 52.5° | 6978.9 | 7149.3 | 7409.7 | 5553.7 | 2002.8 | 823.8 | 421.4 | 364.6 | 374.0 | 322.0 | 284.1 |
| 55° | 7362.4 | 7504.4 | 7845.3 | 6046.1 | 2097.4 | 771.7 | 397.7 | 340.9 | 355.1 | 307.8 | 269.9 |
| 57.5° | 7793.2 | 7916.3 | 8200.4 | 6424.9 | 2125.9 | 705.5 | 364.6 | 317.2 | 340.9 | 293.5 | 250.9 |
| 60° | 8323.5 | 8385.1 | 8385.1 | 6533.8 | 2031.2 | 643.9 | 340.9 | 298.3 | 307.8 | 279.3 | 236.7 |
| 62.5° | 8659.7 | 8659.7 | 8385.1 | 6335.0 | 1851.2 | 591.8 | 322.0 | 279.3 | 269.9 | 260.4 | 222.5 |
| 65° | 8636.0 | 8598.1 | 8190.9 | 5757.3 | 1642.9 | 558.7 | 303.0 | 255.7 | 241.5 | 236.7 | 208.3 |
| 67.5° | 8238.3 | 8172.0 | 7618.1 | 4943.0 | 1425.1 | 544.5 | 284.1 | 232.0 | 222.5 | 213.1 | 189.4 |
| 70° | 7395.5 | 7225.1 | 6543.3 | 3977.1 | 1212.1 | 535.0 | 279.3 | 213.1 | 203.6 | 194.1 | 175.2 |
| 72.5° | 6174.0 | 5956.2 | 5108.7 | 3058.6 | 1017.9 | 501.9 | 265.1 | 189.4 | 184.7 | 175.2 | 156.2 |
| 75° | 4711.0 | 4308.5 | 3565.2 | 2338.9 | 790.7 | 435.6 | 227.3 | 165.7 | 165.7 | 161.0 | 142.0 |
| 77.5° | 3248.0 | 3039.6 | 2485.7 | 1728.1 | 577.6 | 336.2 | 184.7 | 146.8 | 146.8 | 151.5 | 132.6 |
| 80° | 2296.3 | 2102.2 | 1770.8 | 1240.5 | 364.6 | 227.3 | 142.0 | 123.1 | 137.3 | 146.8 | 123.1 |
| 82.5° | 1756.6 | 1614.5 | 1316.2 | 904.3 | 213.1 | 156.2 | 108.9 | 99.4 | 118.4 | 127.8 | 104.2 |
| 85° | 1221.5 | 1051.1 | 667.6 | 606.0 | 123.1 | 94.7 | 80.5 | 80.5 | 104.2 | 127.8 | 94.7 |
| 87.5° | 345.6 | 146.8 | 42.6 | 179.9 | 52.1 | 37.9 | 28.4 | 18.9 | 28.4 | 28.4 | 18.9 |
| 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° | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 |
| 2.5° | 2935.5 | 2907.1 | 2907.1 | 2897.6 | 2902.3 | 2907.1 | 2902.3 | 2935.5 | 2949.7 | 2968.6 | 3006.5 |
| 5° | 2253.7 | 2291.6 | 2263.2 | 2291.6 | 2329.4 | 2386.3 | 2400.5 | 2443.1 | 2447.8 | 2481.0 | 2462.0 |
| 7.5° | 1671.3 | 1666.6 | 1642.9 | 1676.1 | 1780.2 | 1860.7 | 1898.6 | 1922.3 | 1927.0 | 1927.0 | 1903.3 |
| 10° | 1415.7 | 1373.0 | 1330.4 | 1306.8 | 1316.2 | 1401.5 | 1429.9 | 1444.1 | 1434.6 | 1448.8 | 1429.9 |
| 12.5° | 1212.1 | 1174.2 | 1112.6 | 1070.0 | 1041.6 | 1065.3 | 1093.7 | 1107.9 | 1117.4 | 1141.1 | 1160.0 |
| 15° | 984.8 | 946.9 | 909.1 | 885.4 | 861.7 | 842.8 | 866.4 | 880.6 | 904.3 | 923.3 | 932.7 |
| 17.5° | 748.1 | 729.1 | 710.2 | 724.4 | 724.4 | 714.9 | 724.4 | 729.1 | 738.6 | 752.8 | 748.1 |
| 20° | 606.0 | 601.3 | 596.6 | 620.2 | 639.2 | 639.2 | 648.6 | 634.4 | 629.7 | 615.5 | 610.8 |
| 22.5° | 539.8 | 539.8 | 544.5 | 563.4 | 582.4 | 591.8 | 591.8 | 568.2 | 544.5 | 535.0 | 539.8 |
| 25° | 501.9 | 501.9 | 516.1 | 520.8 | 530.3 | 530.3 | 535.0 | 511.3 | 497.1 | 482.9 | 487.7 |
| 27.5° | 473.5 | 473.5 | 478.2 | 478.2 | 482.9 | 482.9 | 487.7 | 478.2 | 459.3 | 454.5 | 454.5 |
| 30° | 454.5 | 454.5 | 449.8 | 449.8 | 449.8 | 449.8 | 454.5 | 440.3 | 430.9 | 426.1 | 426.1 |
| 32.5° | 435.6 | 430.9 | 426.1 | 426.1 | 421.4 | 421.4 | 426.1 | 411.9 | 407.2 | 407.2 | 407.2 |
| 35° | 378.8 | 374.0 | 378.8 | 388.2 | 388.2 | 393.0 | 393.0 | 388.2 | 378.8 | 369.3 | 364.6 |
| 37.5° | 355.1 | 350.4 | 350.4 | 350.4 | 359.8 | 364.6 | 369.3 | 359.8 | 345.6 | 331.4 | 331.4 |
| 40° | 336.2 | 336.2 | 331.4 | 331.4 | 331.4 | 340.9 | 350.4 | 336.2 | 317.2 | 312.5 | 312.5 |
| 42.5° | 322.0 | 317.2 | 312.5 | 307.8 | 303.0 | 317.2 | 326.7 | 307.8 | 298.3 | 298.3 | 298.3 |
| 45° | 307.8 | 303.0 | 298.3 | 293.5 | 288.8 | 293.5 | 303.0 | 284.1 | 279.3 | 279.3 | 279.3 |
| 47.5° | 293.5 | 288.8 | 279.3 | 274.6 | 269.9 | 269.9 | 279.3 | 265.1 | 260.4 | 265.1 | 265.1 |
| 50° | 284.1 | 274.6 | 265.1 | 260.4 | 255.7 | 255.7 | 255.7 | 250.9 | 250.9 | 250.9 | 255.7 |
| 52.5° | 274.6 | 265.1 | 250.9 | 246.2 | 241.5 | 241.5 | 241.5 | 241.5 | 236.7 | 241.5 | 246.2 |
| 55° | 260.4 | 250.9 | 241.5 | 236.7 | 232.0 | 227.3 | 232.0 | 227.3 | 227.3 | 232.0 | 232.0 |
| 57.5° | 241.5 | 232.0 | 222.5 | 222.5 | 217.8 | 217.8 | 222.5 | 217.8 | 217.8 | 222.5 | 222.5 |
| 60° | 227.3 | 217.8 | 208.3 | 208.3 | 203.6 | 208.3 | 213.1 | 208.3 | 208.3 | 208.3 | 213.1 |
| 62.5° | 208.3 | 203.6 | 194.1 | 194.1 | 194.1 | 194.1 | 198.9 | 194.1 | 198.9 | 198.9 | 198.9 |
| 65° | 194.1 | 184.7 | 179.9 | 179.9 | 179.9 | 179.9 | 189.4 | 179.9 | 184.7 | 184.7 | 184.7 |
| 67.5° | 179.9 | 170.4 | 165.7 | 165.7 | 165.7 | 165.7 | 175.2 | 165.7 | 170.4 | 175.2 | 170.4 |
| 70° | 165.7 | 156.2 | 151.5 | 151.5 | 151.5 | 151.5 | 156.2 | 151.5 | 151.5 | 156.2 | 156.2 |
| 72.5° | 146.8 | 142.0 | 137.3 | 137.3 | 132.6 | 137.3 | 142.0 | 137.3 | 137.3 | 137.3 | 137.3 |
| 75° | 132.6 | 127.8 | 127.8 | 123.1 | 123.1 | 123.1 | 127.8 | 118.4 | 118.4 | 118.4 | 118.4 |
| 77.5° | 123.1 | 113.6 | 113.6 | 113.6 | 108.9 | 113.6 | 108.9 | 99.4 | 99.4 | 99.4 | 99.4 |
| 80° | 104.2 | 94.7 | 99.4 | 99.4 | 94.7 | 94.7 | 90.0 | 80.5 | 80.5 | 80.5 | 80.5 |
| 82.5° | 85.2 | 75.8 | 80.5 | 80.5 | 80.5 | 80.5 | 71.0 | 66.3 | 61.6 | 56.8 | 56.8 |
| 85° | 75.8 | 61.6 | 71.0 | 71.0 | 66.3 | 66.3 | 47.3 | 47.3 | 37.9 | 37.9 | 33.1 |
| 87.5° | 14.2 | 9.5 | 18.9 | 23.7 | 23.7 | 28.4 | 18.9 | 23.7 | 14.2 | 9.5 | 9.5 |
| 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: IFLD-S-SA2E-827-U-SLR

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 |
| 2.5° | 3001.8 | 3053.8 | 3124.9 | 3176.9 | 3257.4 | 3319.0 | 3413.7 | 3494.2 | 3569.9 | 3603.1 | 3636.2 |
| 5° | 2518.8 | 2552.0 | 2660.9 | 2746.1 | 2873.9 | 3011.2 | 3181.7 | 3366.3 | 3555.7 | 3640.9 | 3740.4 |
| 7.5° | 1884.4 | 1945.9 | 2007.5 | 2130.6 | 2286.8 | 2509.4 | 2727.2 | 3001.8 | 3266.9 | 3394.7 | 3565.2 |
| 10° | 1463.0 | 1510.4 | 1581.4 | 1709.2 | 1856.0 | 2040.6 | 2301.0 | 2627.7 | 2945.0 | 3110.7 | 3285.8 |
| 12.5° | 1174.2 | 1240.5 | 1335.2 | 1467.7 | 1638.2 | 1827.6 | 2017.0 | 2320.0 | 2689.3 | 2878.7 | 3077.5 |
| 15° | 951.7 | 1003.7 | 1107.9 | 1273.6 | 1472.5 | 1666.6 | 1865.5 | 2116.4 | 2518.8 | 2736.6 | 2973.4 |
| 17.5° | 757.5 | 795.4 | 890.1 | 1055.8 | 1254.7 | 1472.5 | 1699.7 | 2017.0 | 2462.0 | 2727.2 | 3006.5 |
| 20° | 615.5 | 643.9 | 705.5 | 828.6 | 1017.9 | 1254.7 | 1538.8 | 1922.3 | 2495.2 | 2836.1 | 3176.9 |
| 22.5° | 539.8 | 549.2 | 577.6 | 643.9 | 800.2 | 1051.1 | 1392.0 | 1841.8 | 2556.7 | 2997.0 | 3456.3 |
| 25° | 487.7 | 497.1 | 506.6 | 549.2 | 639.2 | 875.9 | 1264.2 | 1794.4 | 2689.3 | 3233.8 | 3778.3 |
| 27.5° | 454.5 | 464.0 | 468.7 | 487.7 | 549.2 | 748.1 | 1155.3 | 1766.0 | 2869.2 | 3579.4 | 4176.0 |
| 30° | 426.1 | 426.1 | 440.3 | 468.7 | 511.3 | 658.1 | 1060.6 | 1699.7 | 3058.6 | 3868.2 | 4488.4 |
| 32.5° | 402.4 | 407.2 | 426.1 | 440.3 | 468.7 | 582.4 | 965.9 | 1614.5 | 3229.0 | 4104.9 | 4796.2 |
| 35° | 359.8 | 359.8 | 364.6 | 388.2 | 426.1 | 520.8 | 880.6 | 1529.3 | 3323.7 | 4336.9 | 5070.8 |
| 37.5° | 331.4 | 336.2 | 345.6 | 364.6 | 397.7 | 478.2 | 809.6 | 1434.6 | 3423.2 | 4554.7 | 5392.8 |
| 40° | 312.5 | 317.2 | 326.7 | 345.6 | 378.8 | 440.3 | 748.1 | 1358.8 | 3527.3 | 4791.5 | 5738.4 |
| 42.5° | 298.3 | 303.0 | 312.5 | 331.4 | 359.8 | 430.9 | 681.8 | 1297.3 | 3588.9 | 5009.3 | 6065.1 |
| 45° | 284.1 | 288.8 | 303.0 | 322.0 | 345.6 | 421.4 | 643.9 | 1254.7 | 3612.5 | 5156.0 | 6325.5 |
| 47.5° | 269.9 | 274.6 | 288.8 | 317.2 | 345.6 | 407.2 | 629.7 | 1231.0 | 3631.5 | 5321.7 | 6533.8 |
| 50° | 255.7 | 265.1 | 284.1 | 312.5 | 350.4 | 388.2 | 620.2 | 1226.3 | 3740.4 | 5534.8 | 6732.7 |
| 52.5° | 246.2 | 260.4 | 279.3 | 312.5 | 345.6 | 359.8 | 615.5 | 1240.5 | 3958.2 | 5852.0 | 7016.8 |
| 55° | 236.7 | 250.9 | 269.9 | 312.5 | 331.4 | 336.2 | 591.8 | 1264.2 | 4289.6 | 6292.3 | 7419.2 |
| 57.5° | 227.3 | 236.7 | 260.4 | 303.0 | 312.5 | 317.2 | 544.5 | 1297.3 | 4621.0 | 6723.2 | 7831.1 |
| 60° | 213.1 | 222.5 | 246.2 | 303.0 | 284.1 | 298.3 | 482.9 | 1306.8 | 4857.8 | 6860.5 | 7869.0 |
| 62.5° | 198.9 | 208.3 | 232.0 | 312.5 | 260.4 | 279.3 | 430.9 | 1273.6 | 4905.1 | 6661.7 | 7655.9 |
| 65° | 184.7 | 194.1 | 213.1 | 260.4 | 241.5 | 260.4 | 397.7 | 1183.7 | 4748.9 | 6207.1 | 7267.7 |
| 67.5° | 170.4 | 179.9 | 194.1 | 213.1 | 217.8 | 236.7 | 383.5 | 1041.6 | 4355.9 | 5643.7 | 6737.4 |
| 70° | 151.5 | 161.0 | 175.2 | 189.4 | 194.1 | 222.5 | 359.8 | 904.3 | 3721.4 | 4890.9 | 6088.8 |
| 72.5° | 137.3 | 142.0 | 156.2 | 165.7 | 175.2 | 203.6 | 345.6 | 790.7 | 2845.5 | 3958.2 | 4966.6 |
| 75° | 118.4 | 118.4 | 132.6 | 142.0 | 151.5 | 179.9 | 317.2 | 658.1 | 2007.5 | 3020.7 | 3650.4 |
| 77.5° | 99.4 | 99.4 | 108.9 | 118.4 | 127.8 | 156.2 | 269.9 | 535.0 | 1392.0 | 2395.7 | 2646.7 |
| 80° | 75.8 | 75.8 | 85.2 | 94.7 | 104.2 | 132.6 | 217.8 | 393.0 | 861.7 | 1751.8 | 1927.0 |
| 82.5° | 52.1 | 52.1 | 66.3 | 71.0 | 75.8 | 104.2 | 165.7 | 269.9 | 506.6 | 1264.2 | 1377.8 |
| 85° | 28.4 | 28.4 | 37.9 | 42.6 | 52.1 | 75.8 | 123.1 | 189.4 | 303.0 | 913.8 | 918.5 |
| 87.5° | 4.7 | 4.7 | 14.2 | 14.2 | 23.7 | 37.9 | 71.0 | 104.2 | 170.4 | 506.6 | 322.0 |
| 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: P598794
 CATALOG NUMBER: IFLD-S-SA2E-827-U-SLR

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 | 3380.5 |
| 2.5° | 3697.8 | 3749.8 | 3754.6 | 3754.6 | 3730.9 | 3735.6 | 3669.4 | 3598.3 | 3574.7 | 3569.9 |
| 5° | 3891.9 | 4029.2 | 4067.1 | 4086.0 | 4024.5 | 3929.8 | 3759.3 | 3574.7 | 3480.0 | 3465.8 |
| 7.5° | 3854.0 | 4128.6 | 4275.4 | 4294.3 | 4171.2 | 3948.7 | 3650.4 | 3366.3 | 3257.4 | 3229.0 |
| 10° | 3631.5 | 4000.8 | 4265.9 | 4332.2 | 4199.6 | 3915.6 | 3527.3 | 3195.9 | 3063.3 | 3039.6 |
| 12.5° | 3475.2 | 3830.3 | 4090.7 | 4180.7 | 4119.1 | 3872.9 | 3465.8 | 3087.0 | 2954.4 | 2921.3 |
| 15° | 3390.0 | 3716.7 | 3887.1 | 3915.6 | 3910.8 | 3806.7 | 3465.8 | 3110.7 | 2963.9 | 2926.0 |
| 17.5° | 3461.0 | 3683.6 | 3707.2 | 3640.9 | 3678.8 | 3730.9 | 3541.5 | 3238.5 | 3096.5 | 3063.3 |
| 20° | 3603.1 | 3669.4 | 3555.7 | 3456.3 | 3475.2 | 3640.9 | 3659.9 | 3480.0 | 3366.3 | 3309.5 |
| 22.5° | 3901.4 | 3721.4 | 3461.0 | 3323.7 | 3337.9 | 3569.9 | 3816.1 | 3806.7 | 3707.2 | 3678.8 |
| 25° | 4204.4 | 3868.2 | 3432.6 | 3271.6 | 3290.6 | 3555.7 | 4000.8 | 4171.2 | 4119.1 | 4104.9 |
| 27.5° | 4540.5 | 4114.4 | 3451.6 | 3248.0 | 3271.6 | 3574.7 | 4128.6 | 4479.0 | 4488.4 | 4474.2 |
| 30° | 4767.8 | 4232.8 | 3508.4 | 3276.4 | 3309.5 | 3622.0 | 4157.0 | 4663.6 | 4748.9 | 4753.6 |
| 32.5° | 4957.2 | 4351.1 | 3626.7 | 3323.7 | 3380.5 | 3707.2 | 4232.8 | 4838.8 | 5028.2 | 5032.9 |
| 35° | 5108.7 | 4483.7 | 3773.5 | 3408.9 | 3494.2 | 3849.3 | 4332.2 | 5004.5 | 5288.6 | 5321.7 |
| 37.5° | 5302.8 | 4630.5 | 3944.0 | 3593.6 | 3688.3 | 4052.9 | 4507.4 | 5198.6 | 5596.4 | 5686.3 |
| 40° | 5511.1 | 4777.3 | 4190.2 | 3891.9 | 4029.2 | 4355.9 | 4706.2 | 5416.4 | 5856.8 | 5979.9 |
| 42.5° | 5743.1 | 4933.5 | 4469.5 | 4294.3 | 4502.7 | 4739.4 | 4933.5 | 5615.3 | 6055.6 | 6197.7 |
| 45° | 5970.4 | 5122.9 | 4876.7 | 4843.5 | 5075.5 | 5193.9 | 5156.0 | 5757.3 | 6245.0 | 6387.0 |
| 47.5° | 6131.4 | 5397.5 | 5369.1 | 5567.9 | 5785.7 | 5724.2 | 5416.4 | 5861.5 | 6401.2 | 6557.5 |
| 50° | 6278.1 | 5738.4 | 5989.3 | 6377.6 | 6510.1 | 6301.8 | 5695.8 | 6003.5 | 6567.0 | 6742.1 |
| 52.5° | 6495.9 | 6103.0 | 6628.5 | 7111.4 | 7239.3 | 6907.9 | 5998.8 | 6235.5 | 6822.6 | 6978.9 |
| 55° | 6941.0 | 6514.9 | 7296.1 | 7850.0 | 7873.7 | 7461.8 | 6406.0 | 6628.5 | 7182.5 | 7362.4 |
| 57.5° | 7438.1 | 7021.5 | 7826.4 | 8460.8 | 8451.3 | 8015.8 | 6865.2 | 7158.8 | 7670.1 | 7793.2 |
| 60° | 7887.9 | 7532.8 | 8404.0 | 8896.4 | 8872.7 | 8418.2 | 7400.3 | 7760.1 | 8228.8 | 8323.5 |
| 62.5° | 8153.1 | 7996.8 | 8659.7 | 9033.7 | 8943.8 | 8550.8 | 7854.8 | 8295.1 | 8626.5 | 8659.7 |
| 65° | 8110.5 | 8262.0 | 8361.4 | 8593.4 | 8465.6 | 8181.5 | 8077.3 | 8636.0 | 8669.1 | 8636.0 |
| 67.5° | 7788.5 | 8110.5 | 7542.3 | 7566.0 | 7499.7 | 7258.2 | 7731.7 | 8546.0 | 8318.8 | 8238.3 |
| 70° | 7300.8 | 7324.5 | 6306.6 | 6008.3 | 6112.4 | 5781.0 | 6633.2 | 7845.3 | 7495.0 | 7395.5 |
| 72.5° | 6491.2 | 6197.7 | 4767.8 | 4464.8 | 4621.0 | 4384.3 | 5321.7 | 6836.8 | 6495.9 | 6174.0 |
| 75° | 5444.8 | 4909.8 | 3631.5 | 3200.6 | 3281.1 | 3271.6 | 4123.9 | 5648.4 | 5032.9 | 4711.0 |
| 77.5° | 4218.6 | 3825.6 | 2679.8 | 2514.1 | 2428.9 | 2447.8 | 2878.7 | 4199.6 | 3650.4 | 3248.0 |
| 80° | 3082.3 | 2675.1 | 2073.8 | 2168.5 | 2121.1 | 2007.5 | 2017.0 | 2812.4 | 2537.8 | 2296.3 |
| 82.5° | 2130.6 | 1903.3 | 1680.8 | 1898.6 | 1785.0 | 1609.8 | 1571.9 | 2026.4 | 1903.3 | 1756.6 |
| 85° | 1429.9 | 1567.2 | 1335.2 | 1453.5 | 1259.4 | 1160.0 | 1477.2 | 1695.0 | 1368.3 | 1221.5 |
| 87.5° | 932.7 | 1434.6 | 961.1 | 729.1 | 416.6 | 558.7 | 904.3 | 1112.6 | 639.2 | 345.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)