

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: P598684

Luminaire Tested: **IFLD-S-SA6A-735-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: P598684
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

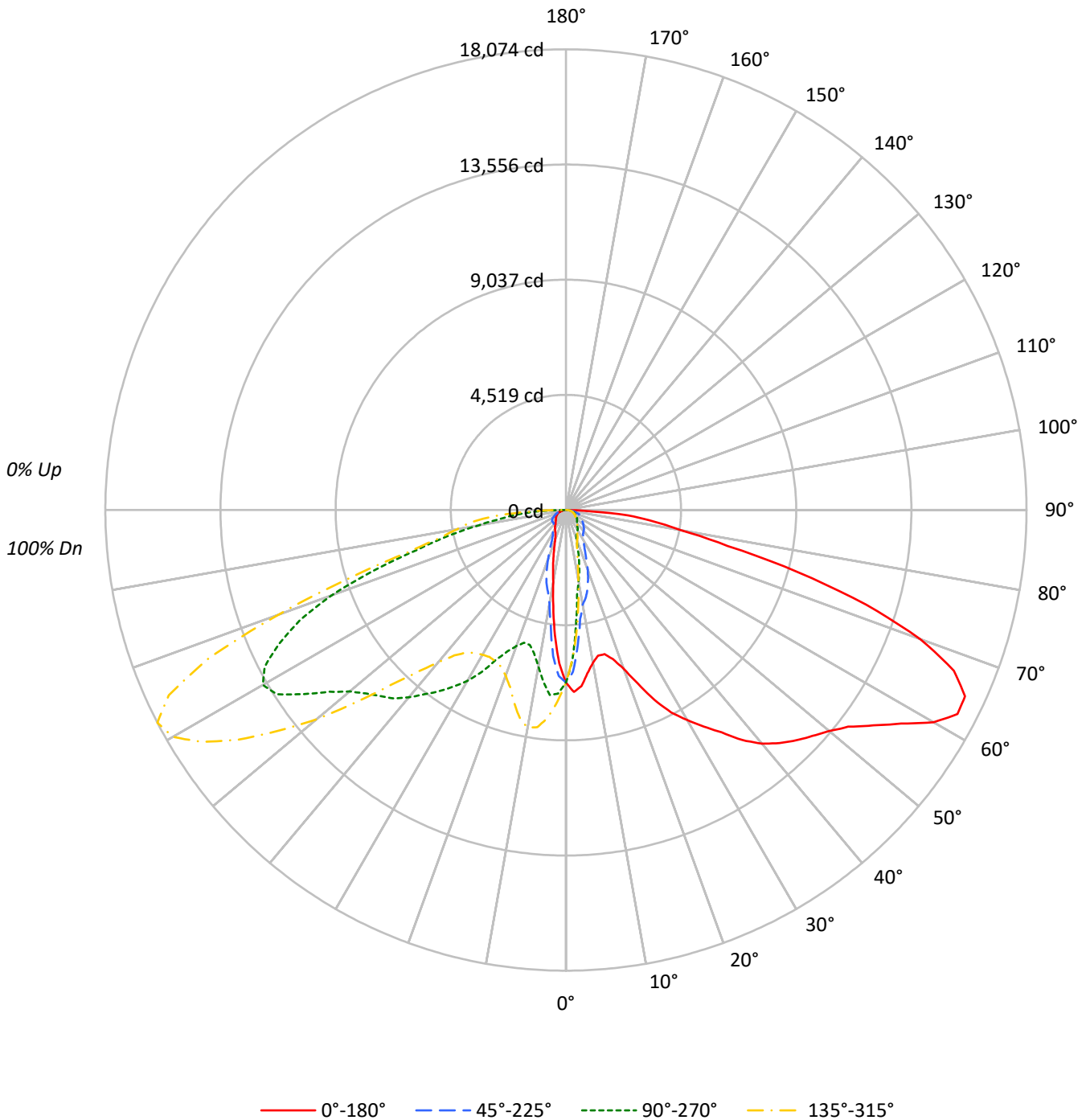
Lumens per Lamp: N/A
 Luminaire Lumens: 22642.5 lumens
 Efficiency: N/A
 Efficacy: 119.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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 |

TEST NUMBER: P598684
CATALOG NUMBER: IFLD-S-SA6A-735-U-SLR

Luminous Intensity Polar Plot



TEST NUMBER: P598684

CATALOG NUMBER: IFLD-S-SA6A-735-U-SLR

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 | 79 | 79 | 79 | 77 | |
| 2 | 93 | 83 | 74 | 67 | 90 | 81 | 73 | 66 | 77 | 70 | 64 | 73 | 68 | 63 | 70 | 65 | 61 | 61 | 61 | 61 | 59 | |
| 3 | 83 | 70 | 60 | 52 | 80 | 68 | 59 | 51 | 65 | 57 | 50 | 62 | 55 | 49 | 59 | 53 | 48 | 48 | 48 | 48 | 46 | |
| 4 | 74 | 60 | 49 | 41 | 72 | 59 | 49 | 41 | 56 | 47 | 40 | 53 | 46 | 40 | 51 | 44 | 39 | 39 | 39 | 39 | 36 | |
| 5 | 68 | 52 | 42 | 34 | 65 | 51 | 41 | 34 | 49 | 40 | 33 | 47 | 39 | 33 | 45 | 38 | 32 | 32 | 32 | 32 | 30 | |
| 6 | 62 | 46 | 36 | 28 | 60 | 45 | 35 | 28 | 43 | 34 | 28 | 41 | 34 | 28 | 40 | 33 | 27 | 27 | 27 | 27 | 25 | |
| 7 | 57 | 41 | 31 | 24 | 55 | 40 | 31 | 24 | 39 | 30 | 24 | 37 | 29 | 24 | 36 | 29 | 23 | 23 | 23 | 23 | 21 | |
| 8 | 53 | 37 | 28 | 21 | 51 | 36 | 27 | 21 | 35 | 27 | 21 | 34 | 26 | 21 | 32 | 26 | 20 | 20 | 20 | 20 | 18 | |
| 9 | 49 | 34 | 25 | 19 | 47 | 33 | 24 | 18 | 32 | 24 | 18 | 31 | 23 | 18 | 30 | 23 | 18 | 18 | 18 | 18 | 16 | |
| 10 | 46 | 31 | 22 | 17 | 44 | 31 | 22 | 17 | 29 | 22 | 16 | 28 | 21 | 16 | 28 | 21 | 16 | 16 | 16 | 16 | 14 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|-------|-------|--------|
| 0° | 48536 | 48536 | 48536 | 48536 |
| 5° | 49950 | 32481 | 35484 | 52475 |
| 10° | 44315 | 20639 | 20846 | 45351 |
| 15° | 43492 | 14638 | 13864 | 40677 |
| 20° | 50566 | 9259 | 9332 | 43332 |
| 25° | 65029 | 7950 | 7725 | 51229 |
| 30° | 78808 | 7535 | 7065 | 64130 |
| 35° | 93276 | 6638 | 6390 | 76015 |
| 40° | 112077 | 6301 | 5857 | 89804 |
| 45° | 129686 | 6248 | 5672 | 104691 |
| 50° | 150595 | 6345 | 5710 | 123628 |
| 55° | 184293 | 6518 | 5808 | 157508 |
| 60° | 239011 | 6526 | 6118 | 197000 |
| 65° | 293389 | 6595 | 6272 | 210873 |
| 70° | 310455 | 6957 | 6559 | 205312 |
| 75° | 261334 | 7353 | 6565 | 167569 |
| 80° | 189862 | 8612 | 6653 | 144843 |
| 85° | 201226 | 12482 | 5459 | 150533 |

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 523.5 | 2.3 |
| 10°-20° | 1095.5 | 4.8 |
| 20°-30° | 1578.8 | 7.0 |
| 30°-40° | 2272.8 | 10.0 |
| 40°-50° | 3228.3 | 14.3 |
| 50°-60° | 4641.4 | 20.5 |
| 60°-70° | 5362.4 | 23.7 |
| 70°-80° | 3036.3 | 13.4 |
| 80°-90° | 903.6 | 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° | 3197.7 | 14.1 |
| 0°-40° | 5470.5 | 24.2 |
| 0°-60° | 13340.3 | 58.9 |
| 0°-90° | 22642.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 22642.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-------|------|------|-------|-------|-------|
| 0° | 6764 | 6764 | 6764 | 6764 | 6764 | |
| 5° | 6934 | 4509 | 4926 | 7285 | 6934 | 629 |
| 15° | 5854 | 1970 | 1866 | 5475 | 5854 | 1721 |
| 25° | 8213 | 1004 | 976 | 6470 | 8213 | 3812 |
| 35° | 10648 | 758 | 729 | 8677 | 10648 | 6758 |
| 45° | 12779 | 616 | 559 | 10316 | 12779 | 9895 |
| 55° | 14731 | 521 | 464 | 12590 | 14731 | 13341 |
| 65° | 17279 | 388 | 369 | 12419 | 17279 | 16569 |
| 75° | 9426 | 265 | 237 | 6044 | 9426 | 10001 |
| 85° | 2444 | 152 | 66 | 1828 | 2444 | 2434 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

TEST NUMBER: P598684
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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 |
| 2.5° | 7142.7 | 7133.2 | 7076.4 | 6896.4 | 6706.9 | 6526.9 | 6356.4 | 6176.4 | 6081.7 | 5968.0 | 5920.6 |
| 5° | 6934.3 | 6915.3 | 6754.3 | 6356.4 | 6005.9 | 5627.0 | 5304.9 | 5049.1 | 4840.7 | 4632.3 | 4556.5 |
| 7.5° | 6460.6 | 6432.2 | 6242.7 | 5693.3 | 5181.7 | 4689.2 | 4300.8 | 3969.2 | 3694.5 | 3571.3 | 3429.2 |
| 10° | 6081.7 | 6034.3 | 5788.0 | 5181.7 | 4518.6 | 4026.0 | 3770.3 | 3542.9 | 3306.1 | 3107.2 | 2898.7 |
| 12.5° | 5844.9 | 5788.0 | 5532.3 | 4821.8 | 4177.6 | 3808.2 | 3542.9 | 3287.1 | 2993.5 | 2747.2 | 2519.8 |
| 15° | 5854.3 | 5788.0 | 5475.4 | 4727.0 | 4092.3 | 3618.7 | 3249.2 | 2898.7 | 2557.7 | 2283.0 | 2027.2 |
| 17.5° | 6129.1 | 6043.8 | 5712.2 | 4859.7 | 4026.0 | 3372.4 | 2879.8 | 2425.1 | 2036.7 | 1743.0 | 1534.6 |
| 20° | 6621.6 | 6564.8 | 6185.9 | 5058.6 | 3959.7 | 3107.2 | 2500.9 | 1951.4 | 1544.1 | 1316.8 | 1231.5 |
| 22.5° | 7360.5 | 7294.2 | 6886.9 | 5361.7 | 3940.8 | 2870.3 | 2093.5 | 1534.6 | 1241.0 | 1146.2 | 1098.9 |
| 25° | 8213.1 | 8090.0 | 7711.0 | 5873.3 | 3978.7 | 2652.4 | 1762.0 | 1269.4 | 1108.3 | 1042.0 | 1013.6 |
| 27.5° | 8952.0 | 8876.2 | 8449.9 | 6356.4 | 3997.6 | 2481.9 | 1534.6 | 1155.7 | 1032.6 | 975.7 | 956.8 |
| 30° | 9510.9 | 9482.5 | 9065.7 | 6886.9 | 3950.3 | 2273.5 | 1392.5 | 1108.3 | 1032.6 | 975.7 | 918.9 |
| 32.5° | 10069.8 | 10079.3 | 9634.1 | 7294.2 | 3883.9 | 2093.5 | 1259.9 | 985.2 | 909.4 | 871.5 | 881.0 |
| 35° | 10647.7 | 10695.1 | 10316.1 | 7692.1 | 3741.8 | 2027.2 | 1165.2 | 918.9 | 852.6 | 795.7 | 767.3 |
| 37.5° | 11377.1 | 11500.3 | 11130.8 | 8137.3 | 3599.8 | 1970.4 | 1117.8 | 871.5 | 805.2 | 757.8 | 720.0 |
| 40° | 11964.4 | 12191.8 | 11973.9 | 8554.1 | 3505.0 | 1904.1 | 1079.9 | 824.2 | 776.8 | 720.0 | 691.5 |
| 42.5° | 12400.2 | 12665.4 | 12589.7 | 8876.2 | 3505.0 | 1837.8 | 1042.0 | 795.7 | 757.8 | 691.5 | 653.6 |
| 45° | 12779.1 | 13053.8 | 13044.4 | 9207.8 | 3580.8 | 1799.9 | 994.7 | 795.7 | 738.9 | 672.6 | 634.7 |
| 47.5° | 13120.1 | 13394.9 | 13489.6 | 9624.6 | 3704.0 | 1780.9 | 937.8 | 776.8 | 738.9 | 663.1 | 606.3 |
| 50° | 13489.6 | 13792.7 | 14076.9 | 10287.7 | 3855.5 | 1733.6 | 899.9 | 748.4 | 748.4 | 653.6 | 587.3 |
| 52.5° | 13963.2 | 14304.3 | 14825.3 | 11111.9 | 4007.1 | 1648.3 | 843.1 | 729.4 | 748.4 | 644.2 | 568.4 |
| 55° | 14730.6 | 15014.8 | 15696.8 | 12097.1 | 4196.6 | 1544.1 | 795.7 | 682.1 | 710.5 | 615.7 | 540.0 |
| 57.5° | 15592.6 | 15838.9 | 16407.3 | 12854.9 | 4253.4 | 1411.5 | 729.4 | 634.7 | 682.1 | 587.3 | 502.1 |
| 60° | 16653.6 | 16776.7 | 16776.7 | 13072.8 | 4063.9 | 1288.3 | 682.1 | 596.8 | 615.7 | 558.9 | 473.7 |
| 62.5° | 17326.2 | 17326.2 | 16776.7 | 12674.9 | 3704.0 | 1184.1 | 644.2 | 558.9 | 540.0 | 521.0 | 445.2 |
| 65° | 17278.8 | 17203.0 | 16388.3 | 11519.2 | 3287.1 | 1117.8 | 606.3 | 511.5 | 483.1 | 473.7 | 416.8 |
| 67.5° | 16483.1 | 16350.5 | 15242.1 | 9889.8 | 2851.4 | 1089.4 | 568.4 | 464.2 | 445.2 | 426.3 | 378.9 |
| 70° | 14796.9 | 14455.8 | 13091.7 | 7957.3 | 2425.1 | 1070.5 | 558.9 | 426.3 | 407.3 | 388.4 | 350.5 |
| 72.5° | 12352.8 | 11917.1 | 10221.4 | 6119.6 | 2036.7 | 1004.1 | 530.5 | 378.9 | 369.4 | 350.5 | 312.6 |
| 75° | 9425.7 | 8620.5 | 7133.2 | 4679.7 | 1582.0 | 871.5 | 454.7 | 331.6 | 331.6 | 322.1 | 284.2 |
| 77.5° | 6498.5 | 6081.7 | 4973.3 | 3457.7 | 1155.7 | 672.6 | 369.4 | 293.7 | 293.7 | 303.1 | 265.2 |
| 80° | 4594.4 | 4206.0 | 3542.9 | 2481.9 | 729.4 | 454.7 | 284.2 | 246.3 | 274.7 | 293.7 | 246.3 |
| 82.5° | 3514.5 | 3230.3 | 2633.5 | 1809.3 | 426.3 | 312.6 | 217.9 | 198.9 | 236.8 | 255.8 | 208.4 |
| 85° | 2444.0 | 2103.0 | 1335.7 | 1212.5 | 246.3 | 189.5 | 161.0 | 161.0 | 208.4 | 255.8 | 189.5 |
| 87.5° | 691.5 | 293.7 | 85.3 | 360.0 | 104.2 | 75.8 | 56.8 | 37.9 | 56.8 | 56.8 | 37.9 |
| 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° | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 |
| 2.5° | 5873.3 | 5816.4 | 5816.4 | 5797.5 | 5807.0 | 5816.4 | 5807.0 | 5873.3 | 5901.7 | 5939.6 | 6015.4 |
| 5° | 4509.2 | 4584.9 | 4528.1 | 4584.9 | 4660.7 | 4774.4 | 4802.8 | 4888.1 | 4897.6 | 4963.9 | 4926.0 |
| 7.5° | 3344.0 | 3334.5 | 3287.1 | 3353.5 | 3561.9 | 3722.9 | 3798.7 | 3846.1 | 3855.5 | 3855.5 | 3808.2 |
| 10° | 2832.4 | 2747.2 | 2661.9 | 2614.6 | 2633.5 | 2804.0 | 2860.9 | 2889.3 | 2870.3 | 2898.7 | 2860.9 |
| 12.5° | 2425.1 | 2349.3 | 2226.2 | 2140.9 | 2084.1 | 2131.4 | 2188.3 | 2216.7 | 2235.6 | 2283.0 | 2320.9 |
| 15° | 1970.4 | 1894.6 | 1818.8 | 1771.5 | 1724.1 | 1686.2 | 1733.6 | 1762.0 | 1809.3 | 1847.2 | 1866.2 |
| 17.5° | 1496.7 | 1458.8 | 1421.0 | 1449.4 | 1449.4 | 1430.4 | 1449.4 | 1458.8 | 1477.8 | 1506.2 | 1496.7 |
| 20° | 1212.5 | 1203.1 | 1193.6 | 1241.0 | 1278.9 | 1278.9 | 1297.8 | 1269.4 | 1259.9 | 1231.5 | 1222.0 |
| 22.5° | 1079.9 | 1079.9 | 1089.4 | 1127.3 | 1165.2 | 1184.1 | 1184.1 | 1136.8 | 1089.4 | 1070.5 | 1079.9 |
| 25° | 1004.1 | 1004.1 | 1032.6 | 1042.0 | 1061.0 | 1061.0 | 1070.5 | 1023.1 | 994.7 | 966.2 | 975.7 |
| 27.5° | 947.3 | 947.3 | 956.8 | 956.8 | 966.2 | 966.2 | 975.7 | 956.8 | 918.9 | 909.4 | 909.4 |
| 30° | 909.4 | 909.4 | 899.9 | 899.9 | 899.9 | 899.9 | 909.4 | 881.0 | 862.0 | 852.6 | 852.6 |
| 32.5° | 871.5 | 862.0 | 852.6 | 852.6 | 843.1 | 843.1 | 852.6 | 824.2 | 814.7 | 814.7 | 814.7 |
| 35° | 757.8 | 748.4 | 757.8 | 776.8 | 776.8 | 786.3 | 786.3 | 776.8 | 757.8 | 738.9 | 729.4 |
| 37.5° | 710.5 | 701.0 | 701.0 | 701.0 | 720.0 | 729.4 | 738.9 | 720.0 | 691.5 | 663.1 | 663.1 |
| 40° | 672.6 | 672.6 | 663.1 | 663.1 | 663.1 | 682.1 | 701.0 | 672.6 | 634.7 | 625.2 | 625.2 |
| 42.5° | 644.2 | 634.7 | 625.2 | 615.7 | 606.3 | 634.7 | 653.6 | 615.7 | 596.8 | 596.8 | 596.8 |
| 45° | 615.7 | 606.3 | 596.8 | 587.3 | 577.9 | 587.3 | 606.3 | 568.4 | 558.9 | 558.9 | 558.9 |
| 47.5° | 587.3 | 577.9 | 558.9 | 549.4 | 540.0 | 540.0 | 558.9 | 530.5 | 521.0 | 530.5 | 530.5 |
| 50° | 568.4 | 549.4 | 530.5 | 521.0 | 511.5 | 511.5 | 511.5 | 502.1 | 502.1 | 502.1 | 511.5 |
| 52.5° | 549.4 | 530.5 | 502.1 | 492.6 | 483.1 | 483.1 | 483.1 | 483.1 | 473.7 | 483.1 | 492.6 |
| 55° | 521.0 | 502.1 | 483.1 | 473.7 | 464.2 | 454.7 | 464.2 | 454.7 | 454.7 | 464.2 | 464.2 |
| 57.5° | 483.1 | 464.2 | 445.2 | 445.2 | 435.8 | 435.8 | 445.2 | 435.8 | 435.8 | 445.2 | 445.2 |
| 60° | 454.7 | 435.8 | 416.8 | 416.8 | 407.3 | 416.8 | 426.3 | 416.8 | 416.8 | 416.8 | 426.3 |
| 62.5° | 416.8 | 407.3 | 388.4 | 388.4 | 388.4 | 388.4 | 397.9 | 388.4 | 397.9 | 397.9 | 397.9 |
| 65° | 388.4 | 369.4 | 360.0 | 360.0 | 360.0 | 360.0 | 378.9 | 360.0 | 369.4 | 369.4 | 369.4 |
| 67.5° | 360.0 | 341.0 | 331.6 | 331.6 | 331.6 | 331.6 | 350.5 | 331.6 | 341.0 | 350.5 | 341.0 |
| 70° | 331.6 | 312.6 | 303.1 | 303.1 | 303.1 | 303.1 | 312.6 | 303.1 | 303.1 | 312.6 | 312.6 |
| 72.5° | 293.7 | 284.2 | 274.7 | 274.7 | 265.2 | 274.7 | 284.2 | 274.7 | 274.7 | 274.7 | 274.7 |
| 75° | 265.2 | 255.8 | 255.8 | 246.3 | 246.3 | 246.3 | 255.8 | 236.8 | 236.8 | 236.8 | 236.8 |
| 77.5° | 246.3 | 227.4 | 227.4 | 227.4 | 217.9 | 227.4 | 217.9 | 198.9 | 198.9 | 198.9 | 198.9 |
| 80° | 208.4 | 189.5 | 198.9 | 198.9 | 189.5 | 189.5 | 180.0 | 161.0 | 161.0 | 161.0 | 161.0 |
| 82.5° | 170.5 | 151.6 | 161.0 | 161.0 | 161.0 | 161.0 | 142.1 | 132.6 | 123.1 | 113.7 | 113.7 |
| 85° | 151.6 | 123.1 | 142.1 | 142.1 | 132.6 | 132.6 | 94.7 | 94.7 | 75.8 | 75.8 | 66.3 |
| 87.5° | 28.4 | 18.9 | 37.9 | 47.4 | 47.4 | 56.8 | 37.9 | 47.4 | 28.4 | 18.9 | 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 |



TEST NUMBER: P598684
 CATALOG NUMBER: IFLD-S-SA6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 |
| 2.5° | 6005.9 | 6110.1 | 6252.2 | 6356.4 | 6517.4 | 6640.6 | 6830.1 | 6991.1 | 7142.7 | 7209.0 | 7275.3 |
| 5° | 5039.7 | 5106.0 | 5323.8 | 5494.4 | 5750.1 | 6024.8 | 6365.9 | 6735.3 | 7114.2 | 7284.8 | 7483.7 |
| 7.5° | 3770.3 | 3893.4 | 4016.6 | 4262.9 | 4575.5 | 5020.7 | 5456.5 | 6005.9 | 6536.4 | 6792.2 | 7133.2 |
| 10° | 2927.2 | 3021.9 | 3164.0 | 3419.8 | 3713.4 | 4082.9 | 4603.9 | 5257.5 | 5892.2 | 6223.8 | 6574.3 |
| 12.5° | 2349.3 | 2481.9 | 2671.4 | 2936.6 | 3277.7 | 3656.6 | 4035.5 | 4641.8 | 5380.7 | 5759.6 | 6157.5 |
| 15° | 1904.1 | 2008.3 | 2216.7 | 2548.2 | 2946.1 | 3334.5 | 3732.4 | 4234.4 | 5039.7 | 5475.4 | 5949.1 |
| 17.5° | 1515.7 | 1591.5 | 1780.9 | 2112.5 | 2510.4 | 2946.1 | 3400.8 | 4035.5 | 4926.0 | 5456.5 | 6015.4 |
| 20° | 1231.5 | 1288.3 | 1411.5 | 1657.8 | 2036.7 | 2510.4 | 3078.7 | 3846.1 | 4992.3 | 5674.3 | 6356.4 |
| 22.5° | 1079.9 | 1098.9 | 1155.7 | 1288.3 | 1600.9 | 2103.0 | 2785.1 | 3685.0 | 5115.4 | 5996.4 | 6915.3 |
| 25° | 975.7 | 994.7 | 1013.6 | 1098.9 | 1278.9 | 1752.5 | 2529.3 | 3590.3 | 5380.7 | 6470.1 | 7559.5 |
| 27.5° | 909.4 | 928.4 | 937.8 | 975.7 | 1098.9 | 1496.7 | 2311.4 | 3533.4 | 5740.7 | 7161.6 | 8355.2 |
| 30° | 852.6 | 852.6 | 881.0 | 937.8 | 1023.1 | 1316.8 | 2122.0 | 3400.8 | 6119.6 | 7739.5 | 8980.4 |
| 32.5° | 805.2 | 814.7 | 852.6 | 881.0 | 937.8 | 1165.2 | 1932.5 | 3230.3 | 6460.6 | 8213.1 | 9596.2 |
| 35° | 720.0 | 720.0 | 729.4 | 776.8 | 852.6 | 1042.0 | 1762.0 | 3059.8 | 6650.1 | 8677.3 | 10145.6 |
| 37.5° | 663.1 | 672.6 | 691.5 | 729.4 | 795.7 | 956.8 | 1619.9 | 2870.3 | 6849.0 | 9113.1 | 10789.8 |
| 40° | 625.2 | 634.7 | 653.6 | 691.5 | 757.8 | 881.0 | 1496.7 | 2718.8 | 7057.4 | 9586.7 | 11481.3 |
| 42.5° | 596.8 | 606.3 | 625.2 | 663.1 | 720.0 | 862.0 | 1364.1 | 2595.6 | 7180.6 | 10022.5 | 12135.0 |
| 45° | 568.4 | 577.9 | 606.3 | 644.2 | 691.5 | 843.1 | 1288.3 | 2510.4 | 7227.9 | 10316.1 | 12656.0 |
| 47.5° | 540.0 | 549.4 | 577.9 | 634.7 | 691.5 | 814.7 | 1259.9 | 2463.0 | 7265.8 | 10647.7 | 13072.8 |
| 50° | 511.5 | 530.5 | 568.4 | 625.2 | 701.0 | 776.8 | 1241.0 | 2453.5 | 7483.7 | 11074.0 | 13470.7 |
| 52.5° | 492.6 | 521.0 | 558.9 | 625.2 | 691.5 | 720.0 | 1231.5 | 2481.9 | 7919.5 | 11708.7 | 14039.0 |
| 55° | 473.7 | 502.1 | 540.0 | 625.2 | 663.1 | 672.6 | 1184.1 | 2529.3 | 8582.6 | 12589.7 | 14844.2 |
| 57.5° | 454.7 | 473.7 | 521.0 | 606.3 | 625.2 | 634.7 | 1089.4 | 2595.6 | 9245.7 | 13451.7 | 15668.4 |
| 60° | 426.3 | 445.2 | 492.6 | 606.3 | 568.4 | 596.8 | 966.2 | 2614.6 | 9719.3 | 13726.4 | 15744.2 |
| 62.5° | 397.9 | 416.8 | 464.2 | 625.2 | 521.0 | 558.9 | 862.0 | 2548.2 | 9814.1 | 13328.6 | 15317.9 |
| 65° | 369.4 | 388.4 | 426.3 | 521.0 | 483.1 | 521.0 | 795.7 | 2368.3 | 9501.5 | 12419.1 | 14541.1 |
| 67.5° | 341.0 | 360.0 | 388.4 | 426.3 | 435.8 | 473.7 | 767.3 | 2084.1 | 8715.2 | 11291.9 | 13480.1 |
| 70° | 303.1 | 322.1 | 350.5 | 378.9 | 388.4 | 445.2 | 720.0 | 1809.3 | 7445.8 | 9785.6 | 12182.3 |
| 72.5° | 274.7 | 284.2 | 312.6 | 331.6 | 350.5 | 407.3 | 691.5 | 1582.0 | 5693.3 | 7919.5 | 9937.2 |
| 75° | 236.8 | 236.8 | 265.2 | 284.2 | 303.1 | 360.0 | 634.7 | 1316.8 | 4016.6 | 6043.8 | 7303.7 |
| 77.5° | 198.9 | 198.9 | 217.9 | 236.8 | 255.8 | 312.6 | 540.0 | 1070.5 | 2785.1 | 4793.4 | 5295.4 |
| 80° | 151.6 | 151.6 | 170.5 | 189.5 | 208.4 | 265.2 | 435.8 | 786.3 | 1724.1 | 3505.0 | 3855.5 |
| 82.5° | 104.2 | 104.2 | 132.6 | 142.1 | 151.6 | 208.4 | 331.6 | 540.0 | 1013.6 | 2529.3 | 2756.7 |
| 85° | 56.8 | 56.8 | 75.8 | 85.3 | 104.2 | 151.6 | 246.3 | 378.9 | 606.3 | 1828.3 | 1837.8 |
| 87.5° | 9.5 | 9.5 | 28.4 | 28.4 | 47.4 | 75.8 | 142.1 | 208.4 | 341.0 | 1013.6 | 644.2 |
| 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: P598684
 CATALOG NUMBER: IFLD-S-SA6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 | 6763.7 |
| 2.5° | 7398.4 | 7502.6 | 7512.1 | 7512.1 | 7464.7 | 7474.2 | 7341.6 | 7199.5 | 7152.1 | 7142.7 |
| 5° | 7786.8 | 8061.6 | 8137.3 | 8175.2 | 8052.1 | 7862.6 | 7521.6 | 7152.1 | 6962.7 | 6934.3 |
| 7.5° | 7711.0 | 8260.5 | 8554.1 | 8592.0 | 8345.7 | 7900.5 | 7303.7 | 6735.3 | 6517.4 | 6460.6 |
| 10° | 7265.8 | 8004.7 | 8535.2 | 8667.8 | 8402.6 | 7834.2 | 7057.4 | 6394.3 | 6129.1 | 6081.7 |
| 12.5° | 6953.2 | 7663.7 | 8184.7 | 8364.7 | 8241.5 | 7748.9 | 6934.3 | 6176.4 | 5911.2 | 5844.9 |
| 15° | 6782.7 | 7436.3 | 7777.4 | 7834.2 | 7824.7 | 7616.3 | 6934.3 | 6223.8 | 5930.1 | 5854.3 |
| 17.5° | 6924.8 | 7370.0 | 7417.4 | 7284.8 | 7360.5 | 7464.7 | 7085.8 | 6479.6 | 6195.4 | 6129.1 |
| 20° | 7209.0 | 7341.6 | 7114.2 | 6915.3 | 6953.2 | 7284.8 | 7322.7 | 6962.7 | 6735.3 | 6621.6 |
| 22.5° | 7805.8 | 7445.8 | 6924.8 | 6650.1 | 6678.5 | 7142.7 | 7635.3 | 7616.3 | 7417.4 | 7360.5 |
| 25° | 8412.1 | 7739.5 | 6867.9 | 6545.9 | 6583.8 | 7114.2 | 8004.7 | 8345.7 | 8241.5 | 8213.1 |
| 27.5° | 9084.6 | 8232.1 | 6905.8 | 6498.5 | 6545.9 | 7152.1 | 8260.5 | 8961.5 | 8980.4 | 8952.0 |
| 30° | 9539.3 | 8468.9 | 7019.5 | 6555.3 | 6621.6 | 7246.9 | 8317.3 | 9330.9 | 9501.5 | 9510.9 |
| 32.5° | 9918.3 | 8705.7 | 7256.3 | 6650.1 | 6763.7 | 7417.4 | 8468.9 | 9681.4 | 10060.4 | 10069.8 |
| 35° | 10221.4 | 8971.0 | 7550.0 | 6820.6 | 6991.1 | 7701.6 | 8667.8 | 10013.0 | 10581.4 | 10647.7 |
| 37.5° | 10609.8 | 9264.6 | 7891.0 | 7190.0 | 7379.5 | 8108.9 | 9018.3 | 10401.4 | 11197.1 | 11377.1 |
| 40° | 11026.6 | 9558.3 | 8383.6 | 7786.8 | 8061.6 | 8715.2 | 9416.2 | 10837.1 | 11718.1 | 11964.4 |
| 42.5° | 11490.8 | 9870.9 | 8942.5 | 8592.0 | 9008.9 | 9482.5 | 9870.9 | 11235.0 | 12116.0 | 12400.2 |
| 45° | 11945.5 | 10249.8 | 9757.2 | 9690.9 | 10155.1 | 10391.9 | 10316.1 | 11519.2 | 12494.9 | 12779.1 |
| 47.5° | 12267.6 | 10799.3 | 10742.4 | 11140.3 | 11576.0 | 11452.9 | 10837.1 | 11727.6 | 12807.5 | 13120.1 |
| 50° | 12561.2 | 11481.3 | 11983.4 | 12760.2 | 13025.4 | 12608.6 | 11396.1 | 12011.8 | 13139.1 | 13489.6 |
| 52.5° | 12997.0 | 12210.7 | 13262.2 | 14228.5 | 14484.3 | 13821.2 | 12002.3 | 12476.0 | 13650.6 | 13963.2 |
| 55° | 13887.5 | 13034.9 | 14597.9 | 15706.3 | 15753.7 | 14929.5 | 12817.0 | 13262.2 | 14370.6 | 14730.6 |
| 57.5° | 14882.1 | 14048.5 | 15658.9 | 16928.3 | 16909.4 | 16037.8 | 13735.9 | 14323.2 | 15346.3 | 15592.6 |
| 60° | 15782.1 | 15071.6 | 16814.6 | 17799.8 | 17752.5 | 16843.1 | 14806.3 | 15526.3 | 16464.1 | 16653.6 |
| 62.5° | 16312.6 | 16000.0 | 17326.2 | 18074.5 | 17894.6 | 17108.3 | 15715.8 | 16596.8 | 17259.9 | 17326.2 |
| 65° | 16227.3 | 16530.4 | 16729.4 | 17193.6 | 16937.8 | 16369.4 | 16161.0 | 17278.8 | 17345.1 | 17278.8 |
| 67.5° | 15583.1 | 16227.3 | 15090.5 | 15137.9 | 15005.3 | 14522.2 | 15469.5 | 17098.8 | 16644.1 | 16483.1 |
| 70° | 14607.4 | 14654.8 | 12618.1 | 12021.3 | 12229.7 | 11566.6 | 13271.7 | 15696.8 | 14995.8 | 14796.9 |
| 72.5° | 12987.5 | 12400.2 | 9539.3 | 8933.1 | 9245.7 | 8772.0 | 10647.7 | 13679.1 | 12997.0 | 12352.8 |
| 75° | 10894.0 | 9823.5 | 7265.8 | 6403.8 | 6564.8 | 6545.9 | 8251.0 | 11301.3 | 10069.8 | 9425.7 |
| 77.5° | 8440.5 | 7654.2 | 5361.7 | 5030.2 | 4859.7 | 4897.6 | 5759.6 | 8402.6 | 7303.7 | 6498.5 |
| 80° | 6166.9 | 5352.3 | 4149.2 | 4338.6 | 4243.9 | 4016.6 | 4035.5 | 5627.0 | 5077.5 | 4594.4 |
| 82.5° | 4262.9 | 3808.2 | 3362.9 | 3798.7 | 3571.3 | 3220.8 | 3145.0 | 4054.5 | 3808.2 | 3514.5 |
| 85° | 2860.9 | 3135.6 | 2671.4 | 2908.2 | 2519.8 | 2320.9 | 2955.6 | 3391.3 | 2737.7 | 2444.0 |
| 87.5° | 1866.2 | 2870.3 | 1923.0 | 1458.8 | 833.6 | 1117.8 | 1809.3 | 2226.2 | 1278.9 | 691.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)