

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: P598675

Luminaire Tested: **IFLD-S-SA2B-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: P598675
 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-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

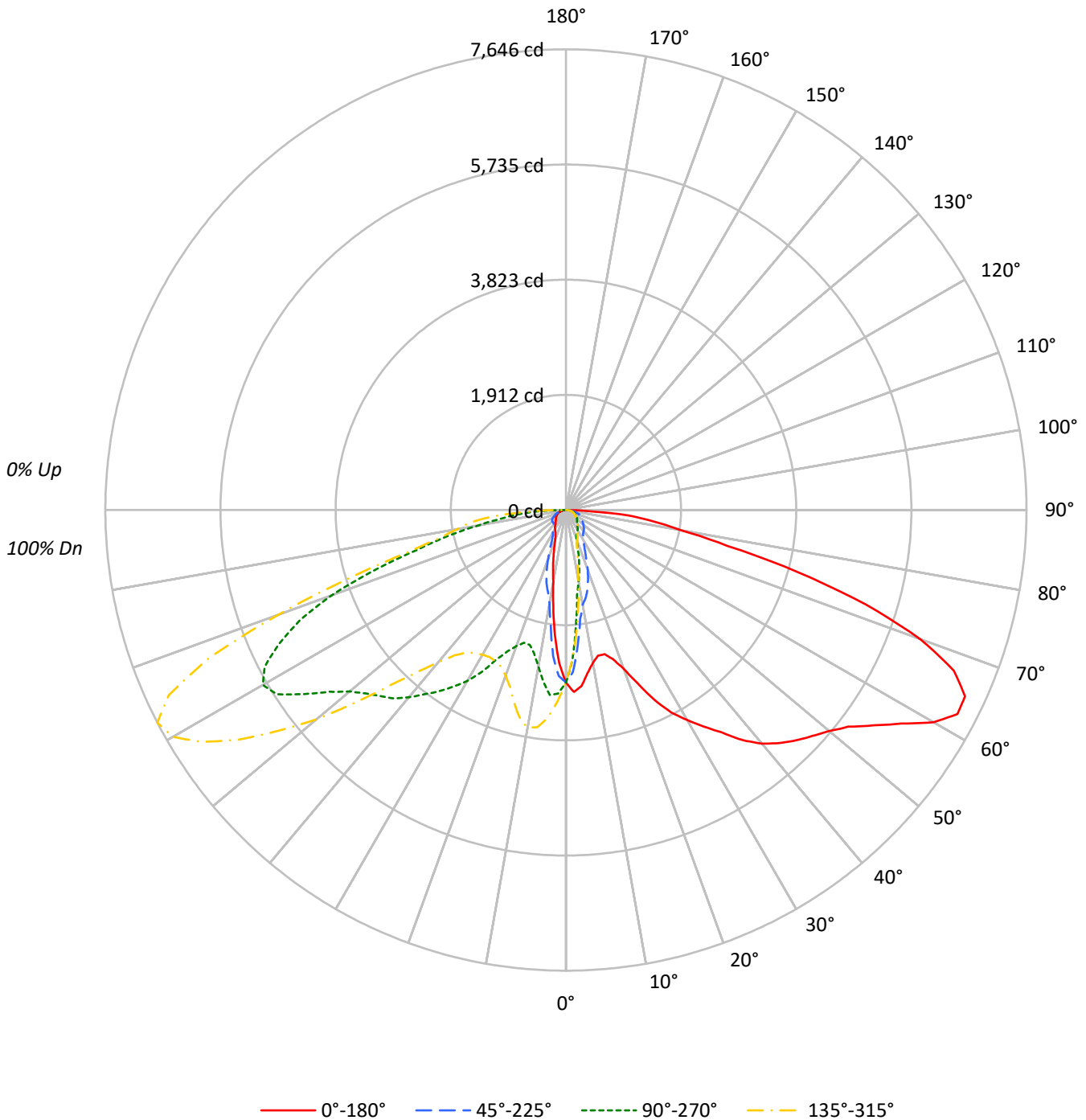
Lumens per Lamp: N/A
 Luminaire Lumens: 9578.7 lumens
 Efficiency: N/A
 Efficacy: 116.2 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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 |

TEST NUMBER: P598675
CATALOG NUMBER: IFLD-S-SA2B-735-U-SLR

Luminous Intensity Polar Plot



TEST NUMBER: P598675
 CATALOG NUMBER: IFLD-S-SA2B-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 | 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° | 61598 | 61598 | 61598 | 61598 |
| 5° | 63393 | 41221 | 45033 | 66596 |
| 10° | 56241 | 26193 | 26457 | 57555 |
| 15° | 55197 | 18579 | 17596 | 51624 |
| 20° | 64174 | 11753 | 11844 | 54994 |
| 25° | 82531 | 10090 | 9805 | 65015 |
| 30° | 100017 | 9563 | 8966 | 81388 |
| 35° | 118378 | 8426 | 8110 | 96471 |
| 40° | 142238 | 7995 | 7433 | 113970 |
| 45° | 164588 | 7931 | 7197 | 132865 |
| 50° | 191122 | 8051 | 7248 | 156897 |
| 55° | 233888 | 8272 | 7371 | 199895 |
| 60° | 303331 | 8284 | 7763 | 250016 |
| 65° | 372345 | 8369 | 7962 | 267624 |
| 70° | 393999 | 8831 | 8321 | 260566 |
| 75° | 331661 | 9332 | 8334 | 212667 |
| 80° | 240956 | 10934 | 8443 | 183828 |
| 85° | 255378 | 15833 | 6941 | 191033 |

TEST NUMBER: P598675
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 221.4 | 2.3 |
| 10°-20° | 463.4 | 4.8 |
| 20°-30° | 667.9 | 7.0 |
| 30°-40° | 961.5 | 10.0 |
| 40°-50° | 1365.7 | 14.3 |
| 50°-60° | 1963.5 | 20.5 |
| 60°-70° | 2268.5 | 23.7 |
| 70°-80° | 1284.5 | 13.4 |
| 80°-90° | 382.3 | 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° | 1352.8 | 14.1 |
| 0°-40° | 2314.2 | 24.2 |
| 0°-60° | 5643.4 | 58.9 |
| 0°-90° | 9578.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 9578.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2861 | 2861 | 2861 | 2861 | 2861 | |
| 5° | 2934 | 1908 | 2084 | 3082 | 2934 | 266 |
| 15° | 2477 | 834 | 790 | 2316 | 2477 | 728 |
| 25° | 3474 | 425 | 413 | 2737 | 3474 | 1613 |
| 35° | 4504 | 321 | 309 | 3671 | 4504 | 2859 |
| 45° | 5406 | 260 | 236 | 4364 | 5406 | 4186 |
| 55° | 6232 | 220 | 196 | 5326 | 6232 | 5644 |
| 65° | 7310 | 164 | 156 | 5254 | 7310 | 7009 |
| 75° | 3987 | 112 | 100 | 2557 | 3987 | 4231 |
| 85° | 1034 | 64 | 28 | 773 | 1034 | 1030 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

TEST NUMBER: P598675
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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 |
| 2.5° | 3021.6 | 3017.6 | 2993.6 | 2917.4 | 2837.3 | 2761.1 | 2689.0 | 2612.9 | 2572.8 | 2524.7 | 2504.7 |
| 5° | 2933.5 | 2925.4 | 2857.3 | 2689.0 | 2540.7 | 2380.4 | 2244.2 | 2136.0 | 2047.8 | 1959.6 | 1927.6 |
| 7.5° | 2733.1 | 2721.1 | 2640.9 | 2408.5 | 2192.1 | 1983.7 | 1819.4 | 1679.1 | 1562.9 | 1510.8 | 1450.7 |
| 10° | 2572.8 | 2552.7 | 2448.6 | 2192.1 | 1911.6 | 1703.2 | 1595.0 | 1498.8 | 1398.6 | 1314.4 | 1226.3 |
| 12.5° | 2472.6 | 2448.6 | 2340.4 | 2039.8 | 1767.3 | 1611.0 | 1498.8 | 1390.6 | 1266.4 | 1162.2 | 1066.0 |
| 15° | 2476.6 | 2448.6 | 2316.3 | 1999.7 | 1731.2 | 1530.8 | 1374.6 | 1226.3 | 1082.0 | 965.8 | 857.6 |
| 17.5° | 2592.8 | 2556.8 | 2416.5 | 2055.8 | 1703.2 | 1426.7 | 1218.3 | 1025.9 | 861.6 | 737.4 | 649.2 |
| 20° | 2801.2 | 2777.2 | 2616.9 | 2140.0 | 1675.1 | 1314.4 | 1058.0 | 825.5 | 653.2 | 557.0 | 521.0 |
| 22.5° | 3113.8 | 3085.7 | 2913.4 | 2268.2 | 1667.1 | 1214.3 | 885.6 | 649.2 | 525.0 | 484.9 | 464.9 |
| 25° | 3474.5 | 3422.4 | 3262.1 | 2484.6 | 1683.1 | 1122.1 | 745.4 | 537.0 | 468.9 | 440.8 | 428.8 |
| 27.5° | 3787.0 | 3755.0 | 3574.6 | 2689.0 | 1691.1 | 1050.0 | 649.2 | 488.9 | 436.8 | 412.8 | 404.8 |
| 30° | 4023.5 | 4011.5 | 3835.1 | 2913.4 | 1671.1 | 961.8 | 589.1 | 468.9 | 436.8 | 412.8 | 388.7 |
| 32.5° | 4259.9 | 4263.9 | 4075.6 | 3085.7 | 1643.1 | 885.6 | 533.0 | 416.8 | 384.7 | 368.7 | 372.7 |
| 35° | 4504.4 | 4524.4 | 4364.1 | 3254.1 | 1582.9 | 857.6 | 492.9 | 388.7 | 360.7 | 336.6 | 324.6 |
| 37.5° | 4813.0 | 4865.0 | 4708.8 | 3442.4 | 1522.8 | 833.6 | 472.9 | 368.7 | 340.6 | 320.6 | 304.6 |
| 40° | 5061.4 | 5157.6 | 5065.4 | 3618.7 | 1482.8 | 805.5 | 456.8 | 348.6 | 328.6 | 304.6 | 292.5 |
| 42.5° | 5245.8 | 5358.0 | 5325.9 | 3755.0 | 1482.8 | 777.4 | 440.8 | 336.6 | 320.6 | 292.5 | 276.5 |
| 45° | 5406.1 | 5522.3 | 5518.3 | 3895.2 | 1514.8 | 761.4 | 420.8 | 336.6 | 312.6 | 284.5 | 268.5 |
| 47.5° | 5550.3 | 5666.5 | 5706.6 | 4071.6 | 1566.9 | 753.4 | 396.7 | 328.6 | 312.6 | 280.5 | 256.5 |
| 50° | 5706.6 | 5834.9 | 5955.1 | 4352.1 | 1631.0 | 733.4 | 380.7 | 316.6 | 316.6 | 276.5 | 248.5 |
| 52.5° | 5907.0 | 6051.3 | 6271.7 | 4700.7 | 1695.2 | 697.3 | 356.7 | 308.6 | 316.6 | 272.5 | 240.4 |
| 55° | 6231.6 | 6351.8 | 6640.3 | 5117.5 | 1775.3 | 653.2 | 336.6 | 288.5 | 300.6 | 260.5 | 228.4 |
| 57.5° | 6596.3 | 6700.5 | 6940.9 | 5438.1 | 1799.3 | 597.1 | 308.6 | 268.5 | 288.5 | 248.5 | 212.4 |
| 60° | 7045.1 | 7097.2 | 7097.2 | 5530.3 | 1719.2 | 545.0 | 288.5 | 252.5 | 260.5 | 236.4 | 200.4 |
| 62.5° | 7329.6 | 7329.6 | 7097.2 | 5362.0 | 1566.9 | 500.9 | 272.5 | 236.4 | 228.4 | 220.4 | 188.4 |
| 65° | 7309.6 | 7277.5 | 6932.9 | 4873.1 | 1390.6 | 472.9 | 256.5 | 216.4 | 204.4 | 200.4 | 176.3 |
| 67.5° | 6973.0 | 6916.9 | 6448.0 | 4183.8 | 1206.2 | 460.9 | 240.4 | 196.4 | 188.4 | 180.3 | 160.3 |
| 70° | 6259.6 | 6115.4 | 5538.3 | 3366.3 | 1025.9 | 452.8 | 236.4 | 180.3 | 172.3 | 164.3 | 148.3 |
| 72.5° | 5225.7 | 5041.4 | 4324.0 | 2588.8 | 861.6 | 424.8 | 224.4 | 160.3 | 156.3 | 148.3 | 132.2 |
| 75° | 3987.4 | 3646.8 | 3017.6 | 1979.7 | 669.2 | 368.7 | 192.4 | 140.3 | 140.3 | 136.3 | 120.2 |
| 77.5° | 2749.1 | 2572.8 | 2103.9 | 1462.7 | 488.9 | 284.5 | 156.3 | 124.2 | 124.2 | 128.2 | 112.2 |
| 80° | 1943.6 | 1779.3 | 1498.8 | 1050.0 | 308.6 | 192.4 | 120.2 | 104.2 | 116.2 | 124.2 | 104.2 |
| 82.5° | 1486.8 | 1366.5 | 1114.1 | 765.4 | 180.3 | 132.2 | 92.2 | 84.2 | 100.2 | 108.2 | 88.2 |
| 85° | 1033.9 | 889.7 | 565.1 | 513.0 | 104.2 | 80.1 | 68.1 | 68.1 | 88.2 | 108.2 | 80.1 |
| 87.5° | 292.5 | 124.2 | 36.1 | 152.3 | 44.1 | 32.1 | 24.0 | 16.0 | 24.0 | 24.0 | 16.0 |
| 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° | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 |
| 2.5° | 2484.6 | 2460.6 | 2460.6 | 2452.6 | 2456.6 | 2460.6 | 2456.6 | 2484.6 | 2496.6 | 2512.7 | 2544.7 |
| 5° | 1907.5 | 1939.6 | 1915.6 | 1939.6 | 1971.7 | 2019.8 | 2031.8 | 2067.8 | 2071.9 | 2099.9 | 2083.9 |
| 7.5° | 1414.6 | 1410.6 | 1390.6 | 1418.6 | 1506.8 | 1574.9 | 1607.0 | 1627.0 | 1631.0 | 1631.0 | 1611.0 |
| 10° | 1198.2 | 1162.2 | 1126.1 | 1106.1 | 1114.1 | 1186.2 | 1210.3 | 1222.3 | 1214.3 | 1226.3 | 1210.3 |
| 12.5° | 1025.9 | 993.8 | 941.8 | 905.7 | 881.6 | 901.7 | 925.7 | 937.7 | 945.8 | 965.8 | 981.8 |
| 15° | 833.6 | 801.5 | 769.4 | 749.4 | 729.4 | 713.3 | 733.4 | 745.4 | 765.4 | 781.5 | 789.5 |
| 17.5° | 633.2 | 617.1 | 601.1 | 613.1 | 613.1 | 605.1 | 613.1 | 617.1 | 625.2 | 637.2 | 633.2 |
| 20° | 513.0 | 508.9 | 504.9 | 525.0 | 541.0 | 541.0 | 549.0 | 537.0 | 533.0 | 521.0 | 517.0 |
| 22.5° | 456.8 | 456.8 | 460.9 | 476.9 | 492.9 | 500.9 | 500.9 | 480.9 | 460.9 | 452.8 | 456.8 |
| 25° | 424.8 | 424.8 | 436.8 | 440.8 | 448.8 | 448.8 | 452.8 | 432.8 | 420.8 | 408.8 | 412.8 |
| 27.5° | 400.7 | 400.7 | 404.8 | 404.8 | 408.8 | 408.8 | 412.8 | 404.8 | 388.7 | 384.7 | 384.7 |
| 30° | 384.7 | 384.7 | 380.7 | 380.7 | 380.7 | 380.7 | 384.7 | 372.7 | 364.7 | 360.7 | 360.7 |
| 32.5° | 368.7 | 364.7 | 360.7 | 360.7 | 356.7 | 356.7 | 360.7 | 348.6 | 344.6 | 344.6 | 344.6 |
| 35° | 320.6 | 316.6 | 320.6 | 328.6 | 328.6 | 332.6 | 332.6 | 328.6 | 320.6 | 312.6 | 308.6 |
| 37.5° | 300.6 | 296.6 | 296.6 | 296.6 | 304.6 | 308.6 | 312.6 | 304.6 | 292.5 | 280.5 | 280.5 |
| 40° | 284.5 | 284.5 | 280.5 | 280.5 | 280.5 | 288.5 | 296.6 | 284.5 | 268.5 | 264.5 | 264.5 |
| 42.5° | 272.5 | 268.5 | 264.5 | 260.5 | 256.5 | 268.5 | 276.5 | 260.5 | 252.5 | 252.5 | 252.5 |
| 45° | 260.5 | 256.5 | 252.5 | 248.5 | 244.5 | 248.5 | 256.5 | 240.4 | 236.4 | 236.4 | 236.4 |
| 47.5° | 248.5 | 244.5 | 236.4 | 232.4 | 228.4 | 228.4 | 236.4 | 224.4 | 220.4 | 224.4 | 224.4 |
| 50° | 240.4 | 232.4 | 224.4 | 220.4 | 216.4 | 216.4 | 216.4 | 212.4 | 212.4 | 212.4 | 216.4 |
| 52.5° | 232.4 | 224.4 | 212.4 | 208.4 | 204.4 | 204.4 | 204.4 | 204.4 | 200.4 | 204.4 | 208.4 |
| 55° | 220.4 | 212.4 | 204.4 | 200.4 | 196.4 | 192.4 | 196.4 | 192.4 | 192.4 | 196.4 | 196.4 |
| 57.5° | 204.4 | 196.4 | 188.4 | 188.4 | 184.3 | 184.3 | 188.4 | 184.3 | 184.3 | 188.4 | 188.4 |
| 60° | 192.4 | 184.3 | 176.3 | 176.3 | 172.3 | 176.3 | 180.3 | 176.3 | 176.3 | 176.3 | 180.3 |
| 62.5° | 176.3 | 172.3 | 164.3 | 164.3 | 164.3 | 164.3 | 168.3 | 164.3 | 168.3 | 168.3 | 168.3 |
| 65° | 164.3 | 156.3 | 152.3 | 152.3 | 152.3 | 152.3 | 160.3 | 152.3 | 156.3 | 156.3 | 156.3 |
| 67.5° | 152.3 | 144.3 | 140.3 | 140.3 | 140.3 | 140.3 | 148.3 | 140.3 | 144.3 | 148.3 | 144.3 |
| 70° | 140.3 | 132.2 | 128.2 | 128.2 | 128.2 | 128.2 | 132.2 | 128.2 | 128.2 | 132.2 | 132.2 |
| 72.5° | 124.2 | 120.2 | 116.2 | 116.2 | 112.2 | 116.2 | 120.2 | 116.2 | 116.2 | 116.2 | 116.2 |
| 75° | 112.2 | 108.2 | 108.2 | 104.2 | 104.2 | 104.2 | 108.2 | 100.2 | 100.2 | 100.2 | 100.2 |
| 77.5° | 104.2 | 96.2 | 96.2 | 96.2 | 92.2 | 96.2 | 92.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 80° | 88.2 | 80.1 | 84.2 | 84.2 | 80.1 | 80.1 | 76.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| 82.5° | 72.1 | 64.1 | 68.1 | 68.1 | 68.1 | 68.1 | 60.1 | 56.1 | 52.1 | 48.1 | 48.1 |
| 85° | 64.1 | 52.1 | 60.1 | 60.1 | 56.1 | 56.1 | 40.1 | 40.1 | 32.1 | 32.1 | 28.1 |
| 87.5° | 12.0 | 8.0 | 16.0 | 20.0 | 20.0 | 24.0 | 16.0 | 20.0 | 12.0 | 8.0 | 8.0 |
| 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: P598675
 CATALOG NUMBER: IFLD-S-SA2B-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 |
| 2.5° | 2540.7 | 2584.8 | 2644.9 | 2689.0 | 2757.1 | 2809.2 | 2889.4 | 2957.5 | 3021.6 | 3049.7 | 3077.7 |
| 5° | 2132.0 | 2160.0 | 2252.2 | 2324.3 | 2432.5 | 2548.7 | 2693.0 | 2849.3 | 3009.6 | 3081.7 | 3165.9 |
| 7.5° | 1595.0 | 1647.1 | 1699.2 | 1803.4 | 1935.6 | 2123.9 | 2308.3 | 2540.7 | 2765.1 | 2873.3 | 3017.6 |
| 10° | 1238.3 | 1278.4 | 1338.5 | 1446.7 | 1570.9 | 1727.2 | 1947.6 | 2224.1 | 2492.6 | 2632.9 | 2781.2 |
| 12.5° | 993.8 | 1050.0 | 1130.1 | 1242.3 | 1386.6 | 1546.9 | 1707.2 | 1963.7 | 2276.2 | 2436.5 | 2604.8 |
| 15° | 805.5 | 849.6 | 937.7 | 1078.0 | 1246.3 | 1410.6 | 1578.9 | 1791.3 | 2132.0 | 2316.3 | 2516.7 |
| 17.5° | 641.2 | 673.3 | 753.4 | 893.7 | 1062.0 | 1246.3 | 1438.7 | 1707.2 | 2083.9 | 2308.3 | 2544.7 |
| 20° | 521.0 | 545.0 | 597.1 | 701.3 | 861.6 | 1062.0 | 1302.4 | 1627.0 | 2111.9 | 2400.5 | 2689.0 |
| 22.5° | 456.8 | 464.9 | 488.9 | 545.0 | 677.3 | 889.7 | 1178.2 | 1558.9 | 2164.0 | 2536.7 | 2925.4 |
| 25° | 412.8 | 420.8 | 428.8 | 464.9 | 541.0 | 741.4 | 1070.0 | 1518.8 | 2276.2 | 2737.1 | 3197.9 |
| 27.5° | 384.7 | 392.7 | 396.7 | 412.8 | 464.9 | 633.2 | 977.8 | 1494.8 | 2428.5 | 3029.6 | 3534.6 |
| 30° | 360.7 | 360.7 | 372.7 | 396.7 | 432.8 | 557.0 | 897.7 | 1438.7 | 2588.8 | 3274.1 | 3799.1 |
| 32.5° | 340.6 | 344.6 | 360.7 | 372.7 | 396.7 | 492.9 | 817.5 | 1366.5 | 2733.1 | 3474.5 | 4059.5 |
| 35° | 304.6 | 304.6 | 308.6 | 328.6 | 360.7 | 440.8 | 745.4 | 1294.4 | 2813.2 | 3670.8 | 4292.0 |
| 37.5° | 280.5 | 284.5 | 292.5 | 308.6 | 336.6 | 404.8 | 685.3 | 1214.3 | 2897.4 | 3855.2 | 4564.5 |
| 40° | 264.5 | 268.5 | 276.5 | 292.5 | 320.6 | 372.7 | 633.2 | 1150.1 | 2985.6 | 4055.5 | 4857.0 |
| 42.5° | 252.5 | 256.5 | 264.5 | 280.5 | 304.6 | 364.7 | 577.1 | 1098.0 | 3037.6 | 4239.9 | 5133.5 |
| 45° | 240.4 | 244.5 | 256.5 | 272.5 | 292.5 | 356.7 | 545.0 | 1062.0 | 3057.7 | 4364.1 | 5354.0 |
| 47.5° | 228.4 | 232.4 | 244.5 | 268.5 | 292.5 | 344.6 | 533.0 | 1041.9 | 3073.7 | 4504.4 | 5530.3 |
| 50° | 216.4 | 224.4 | 240.4 | 264.5 | 296.6 | 328.6 | 525.0 | 1037.9 | 3165.9 | 4684.7 | 5698.6 |
| 52.5° | 208.4 | 220.4 | 236.4 | 264.5 | 292.5 | 304.6 | 521.0 | 1050.0 | 3350.2 | 4953.2 | 5939.0 |
| 55° | 200.4 | 212.4 | 228.4 | 264.5 | 280.5 | 284.5 | 500.9 | 1070.0 | 3630.8 | 5325.9 | 6279.7 |
| 57.5° | 192.4 | 200.4 | 220.4 | 256.5 | 264.5 | 268.5 | 460.9 | 1098.0 | 3911.3 | 5690.6 | 6628.3 |
| 60° | 180.3 | 188.4 | 208.4 | 256.5 | 240.4 | 252.5 | 408.8 | 1106.1 | 4111.6 | 5806.8 | 6660.4 |
| 62.5° | 168.3 | 176.3 | 196.4 | 264.5 | 220.4 | 236.4 | 364.7 | 1078.0 | 4151.7 | 5638.5 | 6480.1 |
| 65° | 156.3 | 164.3 | 180.3 | 220.4 | 204.4 | 220.4 | 336.6 | 1001.9 | 4019.5 | 5253.8 | 6151.4 |
| 67.5° | 144.3 | 152.3 | 164.3 | 180.3 | 184.3 | 200.4 | 324.6 | 881.6 | 3686.9 | 4776.9 | 5702.6 |
| 70° | 128.2 | 136.3 | 148.3 | 160.3 | 164.3 | 188.4 | 304.6 | 765.4 | 3149.9 | 4139.7 | 5153.6 |
| 72.5° | 116.2 | 120.2 | 132.2 | 140.3 | 148.3 | 172.3 | 292.5 | 669.2 | 2408.5 | 3350.2 | 4203.8 |
| 75° | 100.2 | 100.2 | 112.2 | 120.2 | 128.2 | 152.3 | 268.5 | 557.0 | 1699.2 | 2556.8 | 3089.7 |
| 77.5° | 84.2 | 84.2 | 92.2 | 100.2 | 108.2 | 132.2 | 228.4 | 452.8 | 1178.2 | 2027.8 | 2240.2 |
| 80° | 64.1 | 64.1 | 72.1 | 80.1 | 88.2 | 112.2 | 184.3 | 332.6 | 729.4 | 1482.8 | 1631.0 |
| 82.5° | 44.1 | 44.1 | 56.1 | 60.1 | 64.1 | 88.2 | 140.3 | 228.4 | 428.8 | 1070.0 | 1166.2 |
| 85° | 24.0 | 24.0 | 32.1 | 36.1 | 44.1 | 64.1 | 104.2 | 160.3 | 256.5 | 773.4 | 777.4 |
| 87.5° | 4.0 | 4.0 | 12.0 | 12.0 | 20.0 | 32.1 | 60.1 | 88.2 | 144.3 | 428.8 | 272.5 |
| 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: P598675
 CATALOG NUMBER: IFLD-S-SA2B-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 | 2861.3 |
| 2.5° | 3129.8 | 3173.9 | 3177.9 | 3177.9 | 3157.9 | 3161.9 | 3105.8 | 3045.7 | 3025.6 | 3021.6 |
| 5° | 3294.1 | 3410.3 | 3442.4 | 3458.4 | 3406.3 | 3326.2 | 3181.9 | 3025.6 | 2945.5 | 2933.5 |
| 7.5° | 3262.1 | 3494.5 | 3618.7 | 3634.8 | 3530.6 | 3342.2 | 3089.7 | 2849.3 | 2757.1 | 2733.1 |
| 10° | 3073.7 | 3386.3 | 3610.7 | 3666.8 | 3554.6 | 3314.2 | 2985.6 | 2705.0 | 2592.8 | 2572.8 |
| 12.5° | 2941.5 | 3242.0 | 3462.4 | 3538.6 | 3486.5 | 3278.1 | 2933.5 | 2612.9 | 2500.7 | 2472.6 |
| 15° | 2869.3 | 3145.8 | 3290.1 | 3314.2 | 3310.2 | 3222.0 | 2933.5 | 2632.9 | 2508.7 | 2476.6 |
| 17.5° | 2929.4 | 3117.8 | 3137.8 | 3081.7 | 3113.8 | 3157.9 | 2997.6 | 2741.1 | 2620.9 | 2592.8 |
| 20° | 3049.7 | 3105.8 | 3009.6 | 2925.4 | 2941.5 | 3081.7 | 3097.8 | 2945.5 | 2849.3 | 2801.2 |
| 22.5° | 3302.1 | 3149.9 | 2929.4 | 2813.2 | 2825.3 | 3021.6 | 3230.0 | 3222.0 | 3137.8 | 3113.8 |
| 25° | 3558.6 | 3274.1 | 2905.4 | 2769.1 | 2785.2 | 3009.6 | 3386.3 | 3530.6 | 3486.5 | 3474.5 |
| 27.5° | 3843.1 | 3482.5 | 2921.4 | 2749.1 | 2769.1 | 3025.6 | 3494.5 | 3791.0 | 3799.1 | 3787.0 |
| 30° | 4035.5 | 3582.7 | 2969.5 | 2773.2 | 2801.2 | 3065.7 | 3518.5 | 3947.3 | 4019.5 | 4023.5 |
| 32.5° | 4195.8 | 3682.8 | 3069.7 | 2813.2 | 2861.3 | 3137.8 | 3582.7 | 4095.6 | 4255.9 | 4259.9 |
| 35° | 4324.0 | 3795.1 | 3193.9 | 2885.4 | 2957.5 | 3258.1 | 3666.8 | 4235.9 | 4476.3 | 4504.4 |
| 37.5° | 4488.3 | 3919.3 | 3338.2 | 3041.7 | 3121.8 | 3430.4 | 3815.1 | 4400.2 | 4736.8 | 4813.0 |
| 40° | 4664.7 | 4043.5 | 3546.6 | 3294.1 | 3410.3 | 3686.9 | 3983.4 | 4584.5 | 4957.2 | 5061.4 |
| 42.5° | 4861.0 | 4175.8 | 3783.0 | 3634.8 | 3811.1 | 4011.5 | 4175.8 | 4752.8 | 5125.5 | 5245.8 |
| 45° | 5053.4 | 4336.1 | 4127.7 | 4099.6 | 4296.0 | 4396.2 | 4364.1 | 4873.1 | 5285.8 | 5406.1 |
| 47.5° | 5189.7 | 4568.5 | 4544.5 | 4712.8 | 4897.1 | 4845.0 | 4584.5 | 4961.2 | 5418.1 | 5550.3 |
| 50° | 5313.9 | 4857.0 | 5069.4 | 5398.0 | 5510.2 | 5333.9 | 4821.0 | 5081.4 | 5558.3 | 5706.6 |
| 52.5° | 5498.2 | 5165.6 | 5610.4 | 6019.2 | 6127.4 | 5846.9 | 5077.4 | 5277.8 | 5774.7 | 5907.0 |
| 55° | 5874.9 | 5514.3 | 6175.5 | 6644.4 | 6664.4 | 6315.7 | 5422.1 | 5610.4 | 6079.3 | 6231.6 |
| 57.5° | 6295.7 | 5943.1 | 6624.3 | 7161.3 | 7153.3 | 6784.6 | 5810.8 | 6059.3 | 6492.1 | 6596.3 |
| 60° | 6676.4 | 6375.9 | 7113.2 | 7530.0 | 7510.0 | 7125.3 | 6263.6 | 6568.2 | 6965.0 | 7045.1 |
| 62.5° | 6900.8 | 6768.6 | 7329.6 | 7646.2 | 7570.1 | 7237.5 | 6648.4 | 7021.1 | 7301.6 | 7329.6 |
| 65° | 6864.8 | 6993.0 | 7077.2 | 7273.5 | 7165.3 | 6924.9 | 6836.7 | 7309.6 | 7337.6 | 7309.6 |
| 67.5° | 6592.3 | 6864.8 | 6383.9 | 6403.9 | 6347.8 | 6143.4 | 6544.2 | 7233.5 | 7041.1 | 6973.0 |
| 70° | 6179.5 | 6199.5 | 5337.9 | 5085.5 | 5173.6 | 4893.1 | 5614.4 | 6640.3 | 6343.8 | 6259.6 |
| 72.5° | 5494.2 | 5245.8 | 4035.5 | 3779.0 | 3911.3 | 3710.9 | 4504.4 | 5786.8 | 5498.2 | 5225.7 |
| 75° | 4608.6 | 4155.7 | 3073.7 | 2709.0 | 2777.2 | 2769.1 | 3490.5 | 4780.9 | 4259.9 | 3987.4 |
| 77.5° | 3570.6 | 3238.0 | 2268.2 | 2128.0 | 2055.8 | 2071.9 | 2436.5 | 3554.6 | 3089.7 | 2749.1 |
| 80° | 2608.9 | 2264.2 | 1755.3 | 1835.4 | 1795.3 | 1699.2 | 1707.2 | 2380.4 | 2148.0 | 1943.6 |
| 82.5° | 1803.4 | 1611.0 | 1422.6 | 1607.0 | 1510.8 | 1362.5 | 1330.5 | 1715.2 | 1611.0 | 1486.8 |
| 85° | 1210.3 | 1326.5 | 1130.1 | 1230.3 | 1066.0 | 981.8 | 1250.3 | 1434.7 | 1158.2 | 1033.9 |
| 87.5° | 789.5 | 1214.3 | 813.5 | 617.1 | 352.7 | 472.9 | 765.4 | 941.8 | 541.0 | 292.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)