

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: P599178

Luminaire Tested: **IFLD-S-SA6B-730-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: P599178
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-730-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

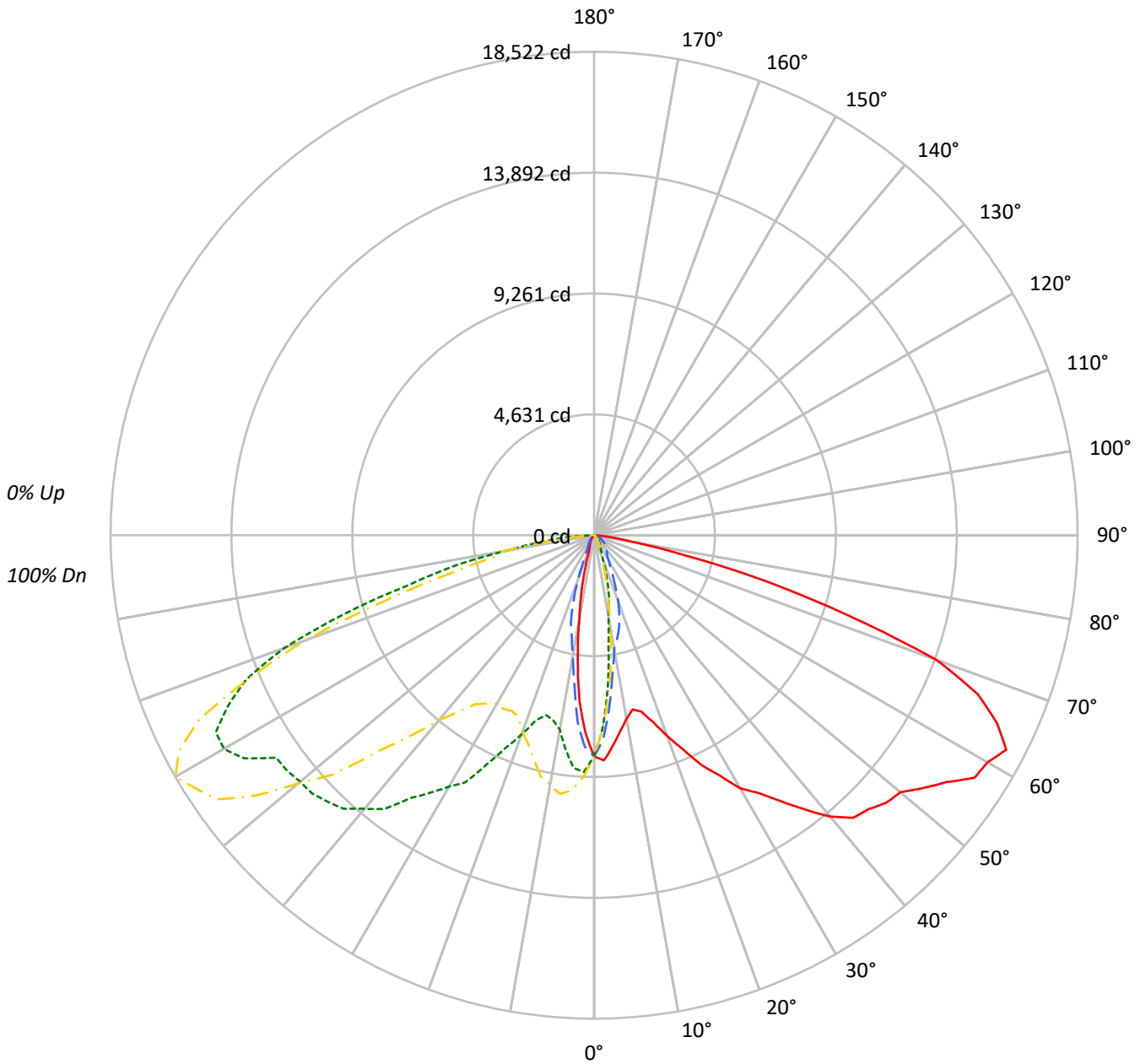
Lumens per Lamp: N/A
 Luminaire Lumens: 22140.6 lumens
 Efficiency: N/A
 Efficacy: 90.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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: P599178
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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 | 100 | 100 |
| 1 | 107 | 101 | 96 | 91 | 104 | 99 | 94 | 90 | 94 | 90 | 87 | 90 | 87 | 84 | 87 | 84 | 82 | 79 | 79 | 79 | 79 |
| 2 | 95 | 85 | 77 | 70 | 92 | 83 | 75 | 69 | 79 | 73 | 67 | 76 | 71 | 66 | 73 | 68 | 64 | 62 | 62 | 62 | 62 |
| 3 | 85 | 72 | 63 | 55 | 82 | 71 | 62 | 54 | 67 | 60 | 53 | 65 | 58 | 52 | 62 | 56 | 51 | 49 | 49 | 49 | 49 |
| 4 | 76 | 62 | 52 | 44 | 74 | 61 | 51 | 44 | 58 | 50 | 43 | 56 | 49 | 43 | 53 | 47 | 42 | 40 | 40 | 40 | 40 |
| 5 | 69 | 55 | 44 | 37 | 67 | 53 | 44 | 36 | 51 | 43 | 36 | 49 | 41 | 35 | 47 | 40 | 35 | 33 | 33 | 33 | 33 |
| 6 | 63 | 48 | 38 | 31 | 61 | 47 | 38 | 31 | 45 | 37 | 30 | 44 | 36 | 30 | 42 | 35 | 30 | 27 | 27 | 27 | 27 |
| 7 | 58 | 43 | 33 | 27 | 56 | 42 | 33 | 26 | 41 | 32 | 26 | 39 | 32 | 26 | 38 | 31 | 26 | 24 | 24 | 24 | 24 |
| 8 | 54 | 39 | 30 | 23 | 52 | 38 | 29 | 23 | 37 | 29 | 23 | 36 | 28 | 23 | 34 | 28 | 23 | 20 | 20 | 20 | 20 |
| 9 | 50 | 36 | 27 | 21 | 49 | 35 | 26 | 21 | 34 | 26 | 20 | 33 | 25 | 20 | 32 | 25 | 20 | 18 | 18 | 18 | 18 |
| 10 | 47 | 33 | 24 | 18 | 46 | 32 | 24 | 18 | 31 | 24 | 18 | 30 | 23 | 18 | 29 | 23 | 18 | 16 | 16 | 16 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|-------|-------|--------|
| 0° | 60739 | 60739 | 60739 | 60739 |
| 5° | 58478 | 42740 | 46008 | 64454 |
| 10° | 52064 | 23270 | 23574 | 55109 |
| 15° | 51973 | 15521 | 9490 | 52949 |
| 20° | 62404 | 7749 | 3783 | 62040 |
| 25° | 76755 | 4868 | 2930 | 76376 |
| 30° | 92739 | 3908 | 2226 | 92146 |
| 35° | 108818 | 3138 | 1726 | 107720 |
| 40° | 131739 | 2684 | 1118 | 128105 |
| 45° | 150717 | 2423 | 606 | 146537 |
| 50° | 170996 | 2332 | 133 | 163998 |
| 55° | 206266 | 2241 | 0 | 185953 |
| 60° | 249726 | 1884 | 0 | 234905 |
| 65° | 289166 | 1520 | 0 | 262814 |
| 70° | 292812 | 1253 | 0 | 265008 |
| 75° | 189497 | 826 | 0 | 203235 |
| 80° | 64628 | 248 | 0 | 143810 |
| 85° | 32440 | 0 | 0 | 105668 |

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 641.2 | 2.9 |
| 10°-20° | 1241.6 | 5.6 |
| 20°-30° | 1729.2 | 7.8 |
| 30°-40° | 2457.0 | 11.1 |
| 40°-50° | 3407.1 | 15.4 |
| 50°-60° | 4642.4 | 21.0 |
| 60°-70° | 5104.0 | 23.1 |
| 70°-80° | 2508.6 | 11.3 |
| 80°-90° | 409.6 | 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° | 3611.9 | 16.3 |
| 0°-40° | 6068.9 | 27.4 |
| 0°-60° | 14118.4 | 63.8 |
| 0°-90° | 22140.6 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 22140.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-------|------|------|-------|-------|-------|
| 0° | 8464 | 8464 | 8464 | 8464 | 8464 | |
| 5° | 8118 | 5933 | 6387 | 8948 | 8118 | 743 |
| 15° | 6996 | 2089 | 1277 | 7127 | 6996 | 2071 |
| 25° | 9694 | 615 | 370 | 9646 | 9694 | 4507 |
| 35° | 12422 | 358 | 197 | 12296 | 12422 | 7885 |
| 45° | 14851 | 239 | 60 | 14440 | 14851 | 11513 |
| 55° | 16487 | 179 | 0 | 14863 | 16487 | 14831 |
| 65° | 17030 | 90 | 0 | 15478 | 17030 | 16458 |
| 75° | 6835 | 30 | 0 | 7330 | 6835 | 7451 |
| 85° | 394 | 0 | 0 | 1283 | 394 | 545 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

TEST NUMBER: P599178
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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 |
| 2.5° | 8637.4 | 8738.9 | 8643.4 | 8309.1 | 8249.4 | 8088.3 | 7843.5 | 7825.6 | 7568.9 | 7598.8 | 7461.5 |
| 5° | 8118.1 | 8219.6 | 8016.6 | 7574.9 | 7163.0 | 6834.7 | 6637.7 | 6285.6 | 6208.0 | 6034.9 | 6034.9 |
| 7.5° | 7586.8 | 7580.9 | 7234.7 | 6864.6 | 6249.7 | 5646.9 | 5372.3 | 4864.9 | 4566.4 | 4405.3 | 4250.1 |
| 10° | 7145.1 | 7049.6 | 6834.7 | 6070.7 | 5402.1 | 4775.4 | 4435.1 | 4100.8 | 3790.4 | 3521.8 | 3253.2 |
| 12.5° | 6834.7 | 6894.4 | 6554.2 | 5724.5 | 4858.9 | 4423.2 | 4059.1 | 3706.9 | 3336.8 | 3032.4 | 2733.9 |
| 15° | 6995.9 | 6900.4 | 6500.5 | 5646.9 | 4769.4 | 4172.5 | 3689.0 | 3259.2 | 2847.3 | 2447.4 | 2220.5 |
| 17.5° | 7497.3 | 7252.6 | 6781.0 | 5646.9 | 4584.3 | 3790.4 | 3205.5 | 2698.1 | 2256.4 | 1898.2 | 1617.7 |
| 20° | 8171.8 | 7891.3 | 7383.9 | 5855.8 | 4447.0 | 3509.9 | 2710.0 | 2071.3 | 1611.7 | 1277.4 | 1062.5 |
| 22.5° | 8864.3 | 8643.4 | 7879.3 | 5939.3 | 4285.9 | 3133.8 | 2137.0 | 1498.3 | 1074.5 | 859.6 | 752.1 |
| 25° | 9694.0 | 9383.6 | 8547.9 | 6273.6 | 4047.1 | 2769.7 | 1683.3 | 1044.6 | 799.9 | 686.5 | 620.8 |
| 27.5° | 10356.6 | 10302.8 | 9174.7 | 6476.6 | 3868.0 | 2471.2 | 1331.1 | 829.7 | 662.6 | 579.0 | 537.2 |
| 30° | 11192.2 | 10899.7 | 9938.7 | 6882.5 | 3665.1 | 2131.0 | 1110.3 | 746.1 | 608.9 | 519.3 | 489.5 |
| 32.5° | 11693.7 | 11556.4 | 10338.6 | 7109.3 | 3438.3 | 1850.5 | 955.1 | 656.6 | 555.1 | 489.5 | 459.6 |
| 35° | 12421.9 | 12147.3 | 10911.7 | 7252.6 | 3318.9 | 1689.3 | 859.6 | 596.9 | 465.6 | 399.9 | 364.1 |
| 37.5° | 13233.7 | 13132.2 | 11598.1 | 7246.6 | 3145.8 | 1593.8 | 793.9 | 555.1 | 441.7 | 370.1 | 328.3 |
| 40° | 14063.4 | 13651.5 | 12016.0 | 7413.7 | 3056.2 | 1522.1 | 746.1 | 531.3 | 417.8 | 352.2 | 298.5 |
| 42.5° | 14684.2 | 14212.7 | 12499.5 | 7354.0 | 2948.8 | 1396.8 | 728.2 | 495.4 | 399.9 | 322.3 | 274.6 |
| 45° | 14851.4 | 14684.2 | 12935.2 | 7336.1 | 2871.2 | 1295.3 | 698.4 | 489.5 | 388.0 | 304.4 | 256.7 |
| 47.5° | 15173.7 | 15060.3 | 13472.5 | 7366.0 | 2811.5 | 1217.7 | 626.8 | 501.4 | 370.1 | 286.5 | 244.7 |
| 50° | 15317.0 | 15114.0 | 13908.2 | 7437.6 | 2674.2 | 1122.2 | 561.1 | 525.3 | 364.1 | 280.6 | 232.8 |
| 52.5° | 15907.9 | 15728.8 | 14505.1 | 7640.6 | 2560.8 | 996.9 | 495.4 | 501.4 | 376.1 | 262.6 | 220.9 |
| 55° | 16486.9 | 16284.0 | 15424.4 | 8106.2 | 2399.6 | 895.4 | 423.8 | 441.7 | 358.2 | 238.8 | 197.0 |
| 57.5° | 17280.8 | 16946.5 | 16039.2 | 8297.2 | 2256.4 | 758.1 | 376.1 | 364.1 | 334.3 | 214.9 | 173.1 |
| 60° | 17400.2 | 17537.5 | 15949.7 | 8177.8 | 2107.1 | 668.5 | 328.3 | 280.6 | 358.2 | 191.0 | 149.2 |
| 62.5° | 17800.1 | 17227.1 | 15531.8 | 7903.2 | 1999.7 | 614.8 | 292.5 | 232.8 | 310.4 | 167.1 | 125.4 |
| 65° | 17030.1 | 16606.3 | 14552.9 | 7019.8 | 1862.4 | 620.8 | 256.7 | 191.0 | 197.0 | 137.3 | 101.5 |
| 67.5° | 15901.9 | 15567.7 | 12929.3 | 6058.7 | 1725.1 | 608.9 | 226.8 | 167.1 | 149.2 | 119.4 | 89.5 |
| 70° | 13956.0 | 13233.7 | 10983.3 | 4918.6 | 1522.1 | 567.1 | 191.0 | 149.2 | 125.4 | 95.5 | 65.7 |
| 72.5° | 10153.6 | 9861.1 | 7879.3 | 3802.4 | 1366.9 | 513.4 | 179.1 | 125.4 | 107.4 | 71.6 | 53.7 |
| 75° | 6834.7 | 6351.2 | 4972.3 | 2495.1 | 1098.3 | 447.7 | 149.2 | 113.4 | 83.6 | 53.7 | 41.8 |
| 77.5° | 3611.4 | 3414.4 | 2817.5 | 1187.9 | 608.9 | 208.9 | 83.6 | 65.7 | 47.8 | 41.8 | 23.9 |
| 80° | 1563.9 | 1390.8 | 1217.7 | 483.5 | 214.9 | 95.5 | 53.7 | 35.8 | 29.8 | 23.9 | 11.9 |
| 82.5° | 799.9 | 764.1 | 632.7 | 208.9 | 125.4 | 71.6 | 29.8 | 23.9 | 17.9 | 11.9 | 6.0 |
| 85° | 394.0 | 405.9 | 334.3 | 65.7 | 71.6 | 41.8 | 6.0 | 6.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 29.8 | 29.8 | 23.9 | 11.9 | 17.9 | 6.0 | 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 |

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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 |
| 2.5° | 7407.8 | 7491.3 | 7348.1 | 7437.6 | 7395.8 | 7413.7 | 7431.6 | 7383.9 | 7395.8 | 7563.0 | 7568.9 |
| 5° | 5933.4 | 6094.5 | 6034.9 | 6118.4 | 6261.7 | 6190.1 | 6255.7 | 6243.8 | 6255.7 | 6279.6 | 6387.0 |
| 7.5° | 4232.2 | 4184.4 | 4297.8 | 4518.7 | 4775.4 | 4930.6 | 4853.0 | 4811.2 | 4787.3 | 4727.6 | 4799.2 |
| 10° | 3193.5 | 3169.6 | 3139.8 | 3205.5 | 3372.6 | 3545.7 | 3641.2 | 3480.0 | 3390.5 | 3277.1 | 3235.3 |
| 12.5° | 2650.3 | 2501.1 | 2417.5 | 2316.0 | 2363.8 | 2519.0 | 2525.0 | 2369.8 | 2226.5 | 2166.8 | 2232.5 |
| 15° | 2089.2 | 1987.7 | 1838.5 | 1695.3 | 1623.6 | 1743.0 | 1641.5 | 1492.3 | 1307.3 | 1283.4 | 1277.4 |
| 17.5° | 1492.3 | 1432.6 | 1325.2 | 1265.5 | 1181.9 | 1152.1 | 1044.6 | 817.8 | 686.5 | 650.6 | 662.6 |
| 20° | 1014.8 | 967.0 | 961.0 | 907.3 | 871.5 | 847.6 | 674.5 | 525.3 | 483.5 | 489.5 | 495.4 |
| 22.5° | 752.1 | 728.2 | 698.4 | 692.4 | 662.6 | 632.7 | 495.4 | 441.7 | 411.9 | 411.9 | 429.8 |
| 25° | 614.8 | 602.9 | 573.0 | 561.1 | 549.2 | 507.4 | 417.8 | 376.1 | 364.1 | 352.2 | 370.1 |
| 27.5° | 525.3 | 519.3 | 501.4 | 483.5 | 471.6 | 429.8 | 364.1 | 328.3 | 316.4 | 316.4 | 316.4 |
| 30° | 471.6 | 471.6 | 447.7 | 411.9 | 411.9 | 364.1 | 310.4 | 286.5 | 274.6 | 274.6 | 268.6 |
| 32.5° | 441.7 | 429.8 | 399.9 | 376.1 | 358.2 | 310.4 | 274.6 | 250.7 | 232.8 | 232.8 | 238.8 |
| 35° | 358.2 | 358.2 | 352.2 | 334.3 | 310.4 | 262.6 | 232.8 | 208.9 | 197.0 | 191.0 | 197.0 |
| 37.5° | 316.4 | 298.5 | 274.6 | 280.6 | 268.6 | 226.8 | 197.0 | 179.1 | 161.2 | 161.2 | 161.2 |
| 40° | 286.5 | 268.6 | 244.7 | 226.8 | 220.9 | 203.0 | 173.1 | 143.3 | 125.4 | 119.4 | 119.4 |
| 42.5° | 256.7 | 244.7 | 208.9 | 179.1 | 173.1 | 173.1 | 131.3 | 107.4 | 89.5 | 89.5 | 89.5 |
| 45° | 238.8 | 220.9 | 191.0 | 155.2 | 125.4 | 131.3 | 107.4 | 77.6 | 65.7 | 59.7 | 59.7 |
| 47.5° | 226.8 | 208.9 | 167.1 | 131.3 | 95.5 | 95.5 | 77.6 | 53.7 | 41.8 | 35.8 | 35.8 |
| 50° | 208.9 | 191.0 | 149.2 | 107.4 | 71.6 | 59.7 | 47.8 | 29.8 | 17.9 | 11.9 | 11.9 |
| 52.5° | 197.0 | 179.1 | 131.3 | 89.5 | 59.7 | 41.8 | 29.8 | 6.0 | 0.0 | 0.0 | 0.0 |
| 55° | 179.1 | 155.2 | 113.4 | 71.6 | 47.8 | 23.9 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 155.2 | 137.3 | 89.5 | 53.7 | 29.8 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 131.3 | 113.4 | 71.6 | 41.8 | 11.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 107.4 | 95.5 | 53.7 | 23.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 89.5 | 71.6 | 41.8 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 77.6 | 59.7 | 29.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 59.7 | 41.8 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 41.8 | 29.8 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 29.8 | 17.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 17.9 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 6.0 | 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 |

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 CATALOG NUMBER: IFLD-S-SA6B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 |
| 2.5° | 7592.8 | 7771.9 | 7939.0 | 7986.8 | 8118.1 | 8482.2 | 8482.2 | 8655.3 | 8965.7 | 9079.1 | 9103.0 |
| 5° | 6404.9 | 6596.0 | 6631.8 | 7001.9 | 7175.0 | 7545.1 | 7789.8 | 8374.8 | 8727.0 | 8947.8 | 9085.1 |
| 7.5° | 4870.9 | 4936.5 | 5073.8 | 5420.0 | 5760.3 | 6208.0 | 6673.6 | 7419.7 | 8040.5 | 8291.2 | 8756.8 |
| 10° | 3348.7 | 3545.7 | 3844.2 | 4154.6 | 4685.8 | 5181.3 | 5784.1 | 6488.5 | 7252.6 | 7563.0 | 7962.9 |
| 12.5° | 2256.4 | 2530.9 | 3008.5 | 3450.2 | 3939.7 | 4441.1 | 5014.1 | 5957.3 | 6822.8 | 7252.6 | 7652.5 |
| 15° | 1319.2 | 1653.5 | 2065.3 | 2781.6 | 3432.3 | 3993.4 | 4566.4 | 5521.5 | 6572.1 | 7127.2 | 7616.7 |
| 17.5° | 668.5 | 770.0 | 1110.3 | 1731.1 | 2590.6 | 3509.9 | 4363.5 | 5581.2 | 6763.1 | 7443.6 | 7849.5 |
| 20° | 501.4 | 531.3 | 626.8 | 919.3 | 1772.9 | 2901.0 | 4172.5 | 5670.7 | 7294.4 | 8124.1 | 8344.9 |
| 22.5° | 435.8 | 459.6 | 501.4 | 596.9 | 996.9 | 2220.5 | 3903.9 | 5891.6 | 8016.6 | 8798.6 | 9264.2 |
| 25° | 370.1 | 394.0 | 429.8 | 489.5 | 638.7 | 1510.2 | 3575.5 | 6124.4 | 8661.3 | 9646.2 | 10082.0 |
| 27.5° | 322.3 | 340.2 | 376.1 | 423.8 | 519.3 | 961.0 | 3008.5 | 6434.8 | 9646.2 | 10672.9 | 10786.3 |
| 30° | 274.6 | 292.5 | 322.3 | 376.1 | 441.7 | 680.5 | 2208.6 | 6476.6 | 10189.4 | 11120.6 | 11437.0 |
| 32.5° | 238.8 | 244.7 | 280.6 | 328.3 | 370.1 | 537.2 | 1552.0 | 6518.4 | 10589.4 | 11699.6 | 11765.3 |
| 35° | 197.0 | 208.9 | 244.7 | 274.6 | 322.3 | 423.8 | 1175.9 | 6309.4 | 11108.7 | 12296.5 | 12278.6 |
| 37.5° | 161.2 | 179.1 | 203.0 | 226.8 | 262.6 | 358.2 | 937.2 | 5921.4 | 11759.3 | 13221.8 | 12660.7 |
| 40° | 125.4 | 143.3 | 167.1 | 197.0 | 220.9 | 322.3 | 704.4 | 5336.5 | 12439.8 | 13675.4 | 13078.5 |
| 42.5° | 89.5 | 101.5 | 125.4 | 155.2 | 197.0 | 268.6 | 507.4 | 4644.0 | 12708.4 | 14206.7 | 13579.9 |
| 45° | 65.7 | 77.6 | 95.5 | 131.3 | 203.0 | 214.9 | 352.2 | 4011.3 | 12994.9 | 14439.5 | 13466.5 |
| 47.5° | 35.8 | 47.8 | 71.6 | 113.4 | 179.1 | 161.2 | 250.7 | 3444.2 | 13323.2 | 14648.4 | 13556.0 |
| 50° | 11.9 | 17.9 | 41.8 | 119.4 | 143.3 | 125.4 | 197.0 | 3139.8 | 13645.6 | 14690.2 | 13735.1 |
| 52.5° | 0.0 | 0.0 | 23.9 | 125.4 | 107.4 | 95.5 | 173.1 | 3020.4 | 13562.0 | 14821.5 | 13621.7 |
| 55° | 0.0 | 0.0 | 6.0 | 53.7 | 59.7 | 71.6 | 143.3 | 3014.4 | 14153.0 | 14863.3 | 14242.5 |
| 57.5° | 0.0 | 0.0 | 0.0 | 17.9 | 35.8 | 59.7 | 125.4 | 2823.4 | 14529.0 | 15901.9 | 15078.2 |
| 60° | 0.0 | 0.0 | 0.0 | 6.0 | 23.9 | 41.8 | 95.5 | 2656.3 | 14911.0 | 16367.5 | 15973.6 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 17.9 | 65.7 | 2399.6 | 14141.0 | 16331.7 | 16839.1 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.8 | 1898.2 | 12720.4 | 15478.1 | 16361.6 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.9 | 1313.2 | 11138.5 | 14403.7 | 15484.1 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 793.9 | 8989.6 | 12630.8 | 13132.2 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 340.2 | 6416.9 | 10028.2 | 10774.4 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 137.3 | 3969.5 | 7330.2 | 8249.4 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 53.7 | 2572.7 | 5551.4 | 6261.7 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.9 | 1372.9 | 3480.0 | 4047.1 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 596.9 | 2113.1 | 2435.4 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 191.0 | 1283.4 | 1462.5 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 197.0 | 262.6 |
| 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: P599178
 CATALOG NUMBER: IFLD-S-SA6B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 | 8464.3 |
| 2.5° | 9115.0 | 9288.1 | 9353.7 | 9252.3 | 9264.2 | 9055.3 | 9025.4 | 8732.9 | 8613.5 | 8637.4 |
| 5° | 9532.8 | 9783.5 | 9920.8 | 9807.4 | 9550.7 | 9150.8 | 8786.7 | 8440.4 | 8225.5 | 8118.1 |
| 7.5° | 9437.3 | 9717.8 | 9891.0 | 9998.4 | 9705.9 | 9061.2 | 8506.1 | 7855.5 | 7580.9 | 7586.8 |
| 10° | 8912.0 | 9497.0 | 9849.2 | 9711.9 | 9574.6 | 8929.9 | 8070.4 | 7366.0 | 7121.2 | 7145.1 |
| 12.5° | 8488.2 | 9138.8 | 9347.8 | 9455.2 | 9174.7 | 8661.3 | 8082.3 | 7276.4 | 7001.9 | 6834.7 |
| 15° | 8225.5 | 8709.1 | 8721.0 | 8888.1 | 8774.7 | 8774.7 | 8207.6 | 7419.7 | 7180.9 | 6995.9 |
| 17.5° | 8225.5 | 8333.0 | 8321.1 | 8380.7 | 8571.8 | 8798.6 | 8524.0 | 7998.7 | 7527.2 | 7497.3 |
| 20° | 8410.6 | 8076.3 | 7998.7 | 8022.6 | 8183.8 | 8858.3 | 9222.4 | 8565.8 | 8267.3 | 8171.8 |
| 22.5° | 8840.4 | 8106.2 | 7634.6 | 7551.0 | 8046.5 | 8852.3 | 9670.1 | 9461.2 | 8941.9 | 8864.3 |
| 25° | 9431.3 | 8052.4 | 7539.1 | 7431.6 | 7807.7 | 9067.2 | 10284.9 | 10326.7 | 9855.1 | 9694.0 |
| 27.5° | 9992.4 | 8291.2 | 7527.2 | 7503.3 | 7998.7 | 9019.5 | 10708.7 | 11019.1 | 10487.9 | 10356.6 |
| 30° | 10183.4 | 8530.0 | 7748.0 | 7431.6 | 8070.4 | 9192.6 | 10696.8 | 11508.6 | 11162.4 | 11192.2 |
| 32.5° | 10410.3 | 8768.7 | 7771.9 | 7646.5 | 8374.8 | 9473.1 | 11037.0 | 12296.5 | 12045.8 | 11693.7 |
| 35° | 10744.5 | 9091.1 | 7998.7 | 7885.3 | 8589.7 | 9723.8 | 11108.7 | 12875.6 | 12833.8 | 12421.9 |
| 37.5° | 11031.1 | 9407.5 | 8470.3 | 8488.2 | 9246.3 | 10129.7 | 11425.0 | 13585.9 | 13514.3 | 13233.7 |
| 40° | 11234.0 | 9849.2 | 9204.5 | 9252.3 | 9819.3 | 10583.4 | 11986.1 | 13944.0 | 14475.3 | 14063.4 |
| 42.5° | 11263.9 | 10243.1 | 10046.2 | 10428.2 | 10959.4 | 11287.7 | 12213.0 | 14188.8 | 14952.8 | 14684.2 |
| 45° | 11377.3 | 10869.9 | 11419.1 | 11699.6 | 12135.4 | 11908.5 | 12201.0 | 14606.6 | 14988.6 | 14851.4 |
| 47.5° | 11819.0 | 12010.0 | 12702.4 | 13556.0 | 13711.2 | 12965.1 | 12487.6 | 14672.3 | 15191.6 | 15173.7 |
| 50° | 12278.6 | 13233.7 | 14206.7 | 14773.8 | 14970.7 | 13693.3 | 12756.2 | 14618.6 | 15460.2 | 15317.0 |
| 52.5° | 12792.0 | 14296.2 | 15699.0 | 16397.4 | 16289.9 | 14499.2 | 13060.6 | 15054.3 | 15955.7 | 15907.9 |
| 55° | 13114.3 | 14773.8 | 16660.0 | 17633.0 | 17549.4 | 15400.5 | 14027.6 | 15681.1 | 16606.3 | 16486.9 |
| 57.5° | 13967.9 | 15549.8 | 17615.1 | 18068.8 | 18289.6 | 16582.4 | 14702.1 | 16707.8 | 17149.5 | 17280.8 |
| 60° | 14672.3 | 16057.1 | 17865.8 | 18522.4 | 18600.0 | 17286.8 | 15884.0 | 17764.3 | 17841.9 | 17400.2 |
| 62.5° | 15705.0 | 16254.1 | 17334.5 | 17925.5 | 18325.4 | 17686.7 | 16946.5 | 18331.4 | 17830.0 | 17800.1 |
| 65° | 16463.0 | 15609.4 | 16343.7 | 16672.0 | 16928.6 | 17077.9 | 18015.0 | 18719.4 | 17609.1 | 17030.1 |
| 67.5° | 16039.2 | 14391.7 | 14254.4 | 14272.3 | 14349.9 | 15251.3 | 17656.9 | 17770.3 | 16379.5 | 15901.9 |
| 70° | 14117.1 | 11807.1 | 11622.0 | 11765.3 | 11377.3 | 12463.7 | 16206.4 | 16152.6 | 14451.4 | 13956.0 |
| 72.5° | 11419.1 | 8607.6 | 8291.2 | 8488.2 | 8577.7 | 9729.8 | 13633.6 | 12248.8 | 10541.6 | 10153.6 |
| 75° | 9073.2 | 6309.4 | 5324.5 | 5802.1 | 6106.5 | 7085.4 | 10649.0 | 8321.1 | 7360.0 | 6834.7 |
| 77.5° | 7127.2 | 4775.4 | 4142.6 | 3951.6 | 4232.2 | 5151.4 | 7748.0 | 4369.5 | 3856.1 | 3611.4 |
| 80° | 4518.7 | 3509.9 | 3808.3 | 3533.8 | 3653.1 | 3677.0 | 4035.2 | 1987.7 | 1581.8 | 1563.9 |
| 82.5° | 2722.0 | 2399.6 | 2853.3 | 1569.9 | 2859.2 | 2554.8 | 1677.3 | 901.3 | 799.9 | 799.9 |
| 85° | 1928.0 | 1486.3 | 984.9 | 638.7 | 1271.4 | 1402.8 | 650.6 | 465.6 | 405.9 | 394.0 |
| 87.5° | 967.0 | 459.6 | 220.9 | 143.3 | 161.2 | 262.6 | 77.6 | 35.8 | 35.8 | 29.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)