

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: P598700

Luminaire Tested: **IFLD-L-SA8B-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: P598700
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (128) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

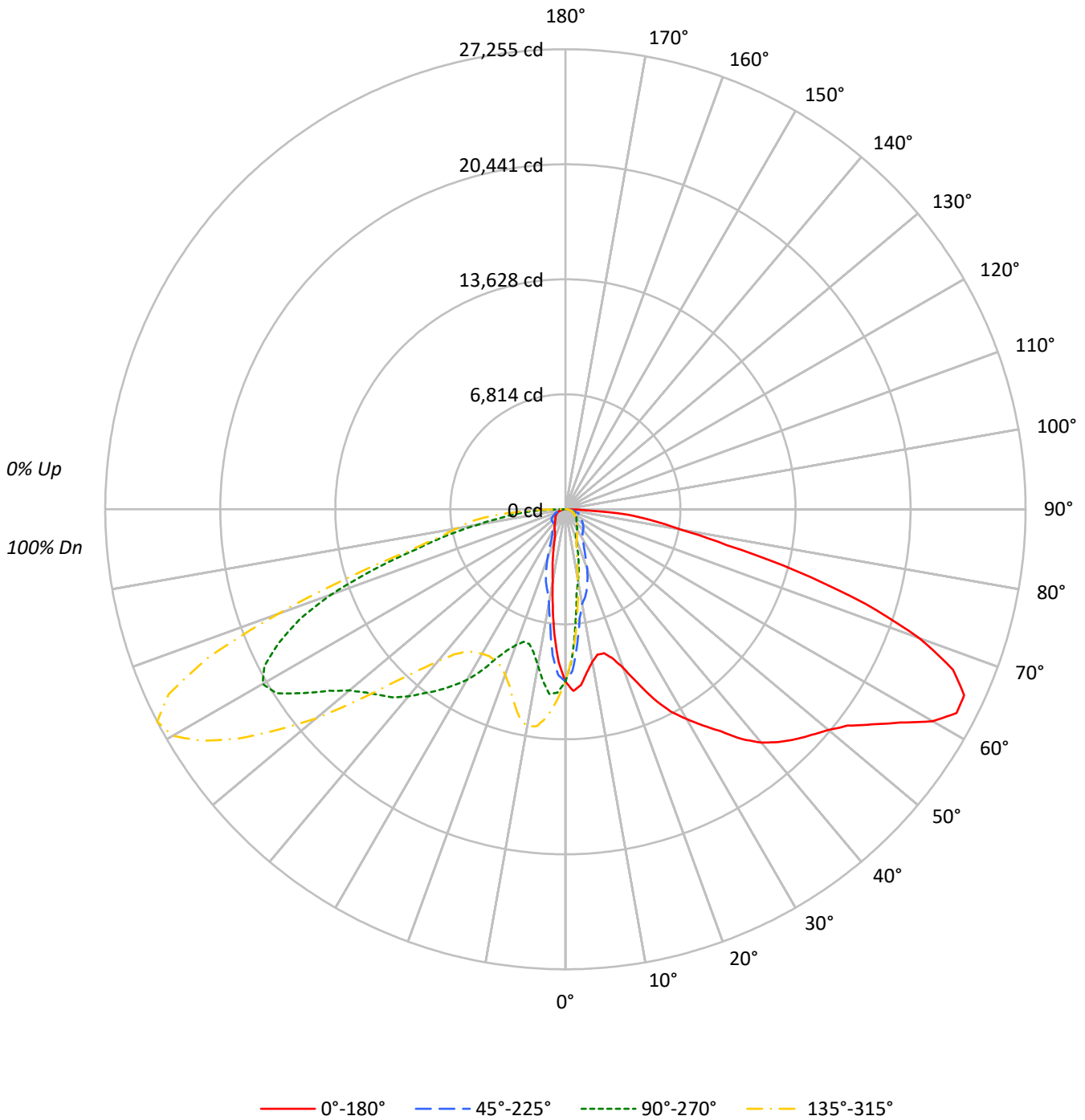
Lumens per Lamp: N/A
 Luminaire Lumens: 34143.2 lumens
 Efficiency: N/A
 Efficacy: 106.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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: P598700
CATALOG NUMBER: IFLD-L-SA8B-735-U-SLR

Luminous Intensity Polar Plot



TEST NUMBER: P598700
 CATALOG NUMBER: IFLD-L-SA8B-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 | 100 | | | | |
| 1 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 87 | 92 | 88 | 84 | 88 | 85 | 82 | 85 | 82 | 79 | 77 | | | | |
| 2 | 93 | 83 | 74 | 67 | 90 | 81 | 73 | 66 | 77 | 70 | 64 | 73 | 68 | 63 | 70 | 65 | 61 | 59 | | | | |
| 3 | 83 | 70 | 60 | 52 | 80 | 68 | 59 | 51 | 65 | 57 | 50 | 62 | 55 | 49 | 59 | 53 | 48 | 46 | | | | |
| 4 | 74 | 60 | 49 | 41 | 72 | 59 | 49 | 41 | 56 | 47 | 40 | 53 | 46 | 40 | 51 | 44 | 39 | 36 | | | | |
| 5 | 68 | 52 | 42 | 34 | 65 | 51 | 41 | 34 | 49 | 40 | 33 | 47 | 39 | 33 | 45 | 38 | 32 | 30 | | | | |
| 6 | 62 | 46 | 36 | 28 | 60 | 45 | 35 | 28 | 43 | 34 | 28 | 41 | 34 | 28 | 40 | 33 | 27 | 25 | | | | |
| 7 | 57 | 41 | 31 | 24 | 55 | 40 | 31 | 24 | 39 | 30 | 24 | 37 | 29 | 24 | 36 | 29 | 23 | 21 | | | | |
| 8 | 53 | 37 | 28 | 21 | 51 | 36 | 27 | 21 | 35 | 27 | 21 | 34 | 26 | 21 | 32 | 26 | 20 | 18 | | | | |
| 9 | 49 | 34 | 25 | 19 | 47 | 33 | 24 | 18 | 32 | 24 | 18 | 31 | 23 | 18 | 30 | 23 | 18 | 16 | | | | |
| 10 | 46 | 31 | 22 | 17 | 44 | 31 | 22 | 17 | 29 | 22 | 16 | 28 | 21 | 16 | 28 | 21 | 16 | 14 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|-------|-------|--------|
| 0° | 54892 | 54892 | 54892 | 54892 |
| 5° | 56490 | 36734 | 40130 | 59346 |
| 10° | 50118 | 23341 | 23575 | 51289 |
| 15° | 49187 | 16555 | 15680 | 46004 |
| 20° | 57187 | 10472 | 10554 | 49006 |
| 25° | 73544 | 8992 | 8737 | 57937 |
| 30° | 89127 | 8522 | 7989 | 72527 |
| 35° | 105490 | 7508 | 7227 | 85969 |
| 40° | 126753 | 7125 | 6624 | 101563 |
| 45° | 146668 | 7067 | 6415 | 118400 |
| 50° | 170314 | 7176 | 6459 | 139816 |
| 55° | 208423 | 7372 | 6567 | 178132 |
| 60° | 270307 | 7381 | 6919 | 222796 |
| 65° | 331806 | 7459 | 7095 | 238486 |
| 70° | 351105 | 7868 | 7418 | 232197 |
| 75° | 295553 | 8318 | 7426 | 189511 |
| 80° | 214723 | 9741 | 7525 | 163810 |
| 85° | 227577 | 14116 | 6175 | 170241 |

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 789.3 | 2.3 |
| 10°-20° | 1652.0 | 4.8 |
| 20°-30° | 2380.7 | 7.0 |
| 30°-40° | 3427.2 | 10.0 |
| 40°-50° | 4868.1 | 14.3 |
| 50°-60° | 6998.9 | 20.5 |
| 60°-70° | 8086.0 | 23.7 |
| 70°-80° | 4578.5 | 13.4 |
| 80°-90° | 1362.6 | 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° | 4821.9 | 14.1 |
| 0°-40° | 8249.1 | 24.2 |
| 0°-60° | 20116.1 | 58.9 |
| 0°-90° | 34143.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 34143.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|-------|-------|-------|-------|-------|-------|
| 0° | 10199 | 10199 | 10199 | 10199 | 10199 | |
| 5° | 10456 | 6800 | 7428 | 10985 | 10456 | 949 |
| 15° | 8828 | 2971 | 2814 | 8256 | 8828 | 2596 |
| 25° | 12385 | 1514 | 1471 | 9756 | 12385 | 5748 |
| 35° | 16056 | 1143 | 1100 | 13085 | 16056 | 10190 |
| 45° | 19270 | 928 | 843 | 15556 | 19270 | 14921 |
| 55° | 22212 | 786 | 700 | 18984 | 22212 | 20117 |
| 65° | 26055 | 586 | 557 | 18727 | 26055 | 24985 |
| 75° | 14213 | 400 | 357 | 9114 | 14213 | 15081 |
| 85° | 3685 | 229 | 100 | 2757 | 3685 | 3670 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

TEST NUMBER: P598700
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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 |
| 2.5° | 10770.6 | 10756.3 | 10670.6 | 10399.2 | 10113.5 | 9842.1 | 9585.0 | 9313.5 | 9170.7 | 8999.3 | 8927.9 |
| 5° | 10456.3 | 10427.7 | 10184.9 | 9585.0 | 9056.4 | 8485.0 | 7999.4 | 7613.7 | 7299.4 | 6985.2 | 6870.9 |
| 7.5° | 9742.1 | 9699.2 | 9413.5 | 8585.0 | 7813.7 | 7070.9 | 6485.2 | 5985.2 | 5571.0 | 5385.3 | 5171.0 |
| 10° | 9170.7 | 9099.3 | 8727.9 | 7813.7 | 6813.7 | 6070.9 | 5685.3 | 5342.4 | 4985.3 | 4685.3 | 4371.1 |
| 12.5° | 8813.6 | 8727.9 | 8342.2 | 7270.9 | 6299.5 | 5742.4 | 5342.4 | 4956.7 | 4513.9 | 4142.5 | 3799.7 |
| 15° | 8827.9 | 8727.9 | 8256.5 | 7128.0 | 6170.9 | 5456.7 | 4899.6 | 4371.1 | 3856.8 | 3442.6 | 3056.9 |
| 17.5° | 9242.1 | 9113.6 | 8613.6 | 7328.0 | 6070.9 | 5085.3 | 4342.5 | 3656.9 | 3071.2 | 2628.4 | 2314.1 |
| 20° | 9984.9 | 9899.2 | 9327.8 | 7628.0 | 5971.0 | 4685.3 | 3771.1 | 2942.6 | 2328.4 | 1985.6 | 1857.0 |
| 22.5° | 11099.1 | 10999.1 | 10384.9 | 8085.1 | 5942.4 | 4328.2 | 3156.9 | 2314.1 | 1871.3 | 1728.4 | 1657.0 |
| 25° | 12384.7 | 12199.0 | 11627.6 | 8856.4 | 5999.5 | 3999.7 | 2656.9 | 1914.1 | 1671.3 | 1571.3 | 1528.4 |
| 27.5° | 13498.9 | 13384.6 | 12741.8 | 9585.0 | 6028.1 | 3742.6 | 2314.1 | 1742.7 | 1557.0 | 1471.3 | 1442.7 |
| 30° | 14341.7 | 14298.9 | 13670.3 | 10384.9 | 5956.7 | 3428.3 | 2099.8 | 1671.3 | 1557.0 | 1471.3 | 1385.6 |
| 32.5° | 15184.5 | 15198.8 | 14527.4 | 10999.1 | 5856.7 | 3156.9 | 1899.8 | 1485.6 | 1371.3 | 1314.2 | 1328.5 |
| 35° | 16055.9 | 16127.3 | 15555.9 | 11599.1 | 5642.4 | 3056.9 | 1757.0 | 1385.6 | 1285.6 | 1199.9 | 1157.1 |
| 37.5° | 17155.8 | 17341.5 | 16784.4 | 12270.5 | 5428.1 | 2971.2 | 1685.6 | 1314.2 | 1214.2 | 1142.8 | 1085.6 |
| 40° | 18041.4 | 18384.3 | 18055.7 | 12899.0 | 5285.3 | 2871.2 | 1628.4 | 1242.8 | 1171.3 | 1085.6 | 1042.8 |
| 42.5° | 18698.5 | 19098.5 | 18984.2 | 13384.6 | 5285.3 | 2771.2 | 1571.3 | 1199.9 | 1142.8 | 1042.8 | 985.6 |
| 45° | 19269.9 | 19684.1 | 19669.9 | 13884.6 | 5399.6 | 2714.1 | 1499.9 | 1199.9 | 1114.2 | 1014.2 | 957.1 |
| 47.5° | 19784.1 | 20198.4 | 20341.2 | 14513.1 | 5585.3 | 2685.5 | 1414.2 | 1171.3 | 1114.2 | 999.9 | 914.2 |
| 50° | 20341.2 | 20798.3 | 21226.9 | 15513.1 | 5813.8 | 2614.1 | 1357.0 | 1128.5 | 1128.5 | 985.6 | 885.6 |
| 52.5° | 21055.5 | 21569.7 | 22355.4 | 16755.8 | 6042.4 | 2485.5 | 1271.3 | 1099.9 | 1128.5 | 971.4 | 857.1 |
| 55° | 22212.5 | 22641.1 | 23669.5 | 18241.4 | 6328.1 | 2328.4 | 1199.9 | 1028.5 | 1071.3 | 928.5 | 814.2 |
| 57.5° | 23512.4 | 23883.8 | 24740.9 | 19384.2 | 6413.8 | 2128.4 | 1099.9 | 957.1 | 1028.5 | 885.6 | 757.1 |
| 60° | 25112.3 | 25298.0 | 25298.0 | 19712.7 | 6128.1 | 1942.7 | 1028.5 | 899.9 | 928.5 | 842.8 | 714.2 |
| 62.5° | 26126.5 | 26126.5 | 25298.0 | 19112.8 | 5585.3 | 1785.6 | 971.4 | 842.8 | 814.2 | 785.7 | 671.4 |
| 65° | 26055.1 | 25940.8 | 24712.3 | 17370.0 | 4956.7 | 1685.6 | 914.2 | 771.4 | 728.5 | 714.2 | 628.5 |
| 67.5° | 24855.2 | 24655.2 | 22983.9 | 14913.1 | 4299.7 | 1642.7 | 857.1 | 699.9 | 671.4 | 642.8 | 571.4 |
| 70° | 22312.5 | 21798.3 | 19741.3 | 11999.0 | 3656.9 | 1614.2 | 842.8 | 642.8 | 614.2 | 585.7 | 528.5 |
| 72.5° | 18627.1 | 17970.0 | 15413.1 | 9227.8 | 3071.2 | 1514.2 | 799.9 | 571.4 | 557.1 | 528.5 | 471.4 |
| 75° | 14213.2 | 12999.0 | 10756.3 | 7056.6 | 2385.5 | 1314.2 | 685.7 | 500.0 | 500.0 | 485.7 | 428.5 |
| 77.5° | 9799.2 | 9170.7 | 7499.4 | 5213.9 | 1742.7 | 1014.2 | 557.1 | 442.8 | 442.8 | 457.1 | 400.0 |
| 80° | 6928.0 | 6342.4 | 5342.4 | 3742.6 | 1099.9 | 685.7 | 428.5 | 371.4 | 414.3 | 442.8 | 371.4 |
| 82.5° | 5299.6 | 4871.0 | 3971.1 | 2728.4 | 642.8 | 471.4 | 328.5 | 300.0 | 357.1 | 385.7 | 314.3 |
| 85° | 3685.4 | 3171.2 | 2014.1 | 1828.4 | 371.4 | 285.7 | 242.8 | 242.8 | 314.3 | 385.7 | 285.7 |
| 87.5° | 1042.8 | 442.8 | 128.6 | 542.8 | 157.1 | 114.3 | 85.7 | 57.1 | 85.7 | 85.7 | 57.1 |
| 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° | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 |
| 2.5° | 8856.4 | 8770.7 | 8770.7 | 8742.2 | 8756.4 | 8770.7 | 8756.4 | 8856.4 | 8899.3 | 8956.4 | 9070.7 |
| 5° | 6799.5 | 6913.7 | 6828.0 | 6913.7 | 7028.0 | 7199.4 | 7242.3 | 7370.8 | 7385.1 | 7485.1 | 7428.0 |
| 7.5° | 5042.5 | 5028.2 | 4956.7 | 5056.7 | 5371.0 | 5613.8 | 5728.1 | 5799.5 | 5813.8 | 5813.8 | 5742.4 |
| 10° | 4271.1 | 4142.5 | 4014.0 | 3942.5 | 3971.1 | 4228.2 | 4313.9 | 4356.8 | 4328.2 | 4371.1 | 4313.9 |
| 12.5° | 3656.9 | 3542.6 | 3356.9 | 3228.3 | 3142.6 | 3214.0 | 3299.7 | 3342.6 | 3371.2 | 3442.6 | 3499.7 |
| 15° | 2971.2 | 2856.9 | 2742.6 | 2671.2 | 2599.8 | 2542.7 | 2614.1 | 2656.9 | 2728.4 | 2785.5 | 2814.1 |
| 17.5° | 2257.0 | 2199.8 | 2142.7 | 2185.5 | 2185.5 | 2157.0 | 2185.5 | 2199.8 | 2228.4 | 2271.2 | 2257.0 |
| 20° | 1828.4 | 1814.1 | 1799.9 | 1871.3 | 1928.4 | 1928.4 | 1957.0 | 1914.1 | 1899.8 | 1857.0 | 1842.7 |
| 22.5° | 1628.4 | 1628.4 | 1642.7 | 1699.9 | 1757.0 | 1785.6 | 1785.6 | 1714.1 | 1642.7 | 1614.2 | 1628.4 |
| 25° | 1514.2 | 1514.2 | 1557.0 | 1571.3 | 1599.9 | 1599.9 | 1614.2 | 1542.7 | 1499.9 | 1457.0 | 1471.3 |
| 27.5° | 1428.5 | 1428.5 | 1442.7 | 1442.7 | 1457.0 | 1457.0 | 1471.3 | 1442.7 | 1385.6 | 1371.3 | 1371.3 |
| 30° | 1371.3 | 1371.3 | 1357.0 | 1357.0 | 1357.0 | 1357.0 | 1371.3 | 1328.5 | 1299.9 | 1285.6 | 1285.6 |
| 32.5° | 1314.2 | 1299.9 | 1285.6 | 1285.6 | 1271.3 | 1271.3 | 1285.6 | 1242.8 | 1228.5 | 1228.5 | 1228.5 |
| 35° | 1142.8 | 1128.5 | 1142.8 | 1171.3 | 1171.3 | 1185.6 | 1185.6 | 1171.3 | 1142.8 | 1114.2 | 1099.9 |
| 37.5° | 1071.3 | 1057.1 | 1057.1 | 1057.1 | 1085.6 | 1099.9 | 1114.2 | 1085.6 | 1042.8 | 999.9 | 999.9 |
| 40° | 1014.2 | 1014.2 | 999.9 | 999.9 | 999.9 | 1028.5 | 1057.1 | 1014.2 | 957.1 | 942.8 | 942.8 |
| 42.5° | 971.4 | 957.1 | 942.8 | 928.5 | 914.2 | 957.1 | 985.6 | 928.5 | 899.9 | 899.9 | 899.9 |
| 45° | 928.5 | 914.2 | 899.9 | 885.6 | 871.4 | 885.6 | 914.2 | 857.1 | 842.8 | 842.8 | 842.8 |
| 47.5° | 885.6 | 871.4 | 842.8 | 828.5 | 814.2 | 814.2 | 842.8 | 799.9 | 785.7 | 799.9 | 799.9 |
| 50° | 857.1 | 828.5 | 799.9 | 785.7 | 771.4 | 771.4 | 771.4 | 757.1 | 757.1 | 757.1 | 771.4 |
| 52.5° | 828.5 | 799.9 | 757.1 | 742.8 | 728.5 | 728.5 | 728.5 | 728.5 | 714.2 | 728.5 | 742.8 |
| 55° | 785.7 | 757.1 | 728.5 | 714.2 | 699.9 | 685.7 | 699.9 | 685.7 | 685.7 | 699.9 | 699.9 |
| 57.5° | 728.5 | 699.9 | 671.4 | 671.4 | 657.1 | 657.1 | 671.4 | 657.1 | 657.1 | 671.4 | 671.4 |
| 60° | 685.7 | 657.1 | 628.5 | 628.5 | 614.2 | 628.5 | 642.8 | 628.5 | 628.5 | 628.5 | 642.8 |
| 62.5° | 628.5 | 614.2 | 585.7 | 585.7 | 585.7 | 585.7 | 600.0 | 585.7 | 600.0 | 600.0 | 600.0 |
| 65° | 585.7 | 557.1 | 542.8 | 542.8 | 542.8 | 542.8 | 571.4 | 542.8 | 557.1 | 557.1 | 557.1 |
| 67.5° | 542.8 | 514.2 | 500.0 | 500.0 | 500.0 | 500.0 | 528.5 | 500.0 | 514.2 | 528.5 | 514.2 |
| 70° | 500.0 | 471.4 | 457.1 | 457.1 | 457.1 | 457.1 | 471.4 | 457.1 | 457.1 | 471.4 | 471.4 |
| 72.5° | 442.8 | 428.5 | 414.3 | 414.3 | 400.0 | 414.3 | 428.5 | 414.3 | 414.3 | 414.3 | 414.3 |
| 75° | 400.0 | 385.7 | 385.7 | 371.4 | 371.4 | 371.4 | 385.7 | 357.1 | 357.1 | 357.1 | 357.1 |
| 77.5° | 371.4 | 342.8 | 342.8 | 342.8 | 328.5 | 342.8 | 328.5 | 300.0 | 300.0 | 300.0 | 300.0 |
| 80° | 314.3 | 285.7 | 300.0 | 300.0 | 285.7 | 285.7 | 271.4 | 242.8 | 242.8 | 242.8 | 242.8 |
| 82.5° | 257.1 | 228.6 | 242.8 | 242.8 | 242.8 | 242.8 | 214.3 | 200.0 | 185.7 | 171.4 | 171.4 |
| 85° | 228.6 | 185.7 | 214.3 | 214.3 | 200.0 | 200.0 | 142.8 | 142.8 | 114.3 | 114.3 | 100.0 |
| 87.5° | 42.9 | 28.6 | 57.1 | 71.4 | 71.4 | 85.7 | 57.1 | 71.4 | 42.9 | 28.6 | 28.6 |
| 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: P598700
 CATALOG NUMBER: IFLD-L-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 |
| 2.5° | 9056.4 | 9213.6 | 9427.8 | 9585.0 | 9827.8 | 10013.5 | 10299.2 | 10542.0 | 10770.6 | 10870.6 | 10970.6 |
| 5° | 7599.4 | 7699.4 | 8027.9 | 8285.1 | 8670.7 | 9085.0 | 9599.2 | 10156.3 | 10727.7 | 10984.8 | 11284.8 |
| 7.5° | 5685.3 | 5871.0 | 6056.7 | 6428.1 | 6899.5 | 7570.8 | 8227.9 | 9056.4 | 9856.4 | 10242.0 | 10756.3 |
| 10° | 4413.9 | 4556.8 | 4771.0 | 5156.7 | 5599.6 | 6156.7 | 6942.3 | 7927.9 | 8885.0 | 9385.0 | 9913.5 |
| 12.5° | 3542.6 | 3742.6 | 4028.3 | 4428.2 | 4942.5 | 5513.8 | 6085.2 | 6999.4 | 8113.6 | 8685.0 | 9285.0 |
| 15° | 2871.2 | 3028.3 | 3342.6 | 3842.6 | 4442.5 | 5028.2 | 5628.1 | 6385.2 | 7599.4 | 8256.5 | 8970.7 |
| 17.5° | 2285.5 | 2399.8 | 2685.5 | 3185.5 | 3785.4 | 4442.5 | 5128.2 | 6085.2 | 7428.0 | 8227.9 | 9070.7 |
| 20° | 1857.0 | 1942.7 | 2128.4 | 2499.8 | 3071.2 | 3785.4 | 4642.5 | 5799.5 | 7528.0 | 8556.5 | 9585.0 |
| 22.5° | 1628.4 | 1657.0 | 1742.7 | 1942.7 | 2414.1 | 3171.2 | 4199.7 | 5556.7 | 7713.7 | 9042.1 | 10427.7 |
| 25° | 1471.3 | 1499.9 | 1528.4 | 1657.0 | 1928.4 | 2642.6 | 3814.0 | 5413.9 | 8113.6 | 9756.4 | 11399.1 |
| 27.5° | 1371.3 | 1399.9 | 1414.2 | 1471.3 | 1657.0 | 2257.0 | 3485.4 | 5328.1 | 8656.5 | 10799.1 | 12599.0 |
| 30° | 1285.6 | 1285.6 | 1328.5 | 1414.2 | 1542.7 | 1985.6 | 3199.7 | 5128.2 | 9227.8 | 11670.5 | 13541.8 |
| 32.5° | 1214.2 | 1228.5 | 1285.6 | 1328.5 | 1414.2 | 1757.0 | 2914.1 | 4871.0 | 9742.1 | 12384.7 | 14470.3 |
| 35° | 1085.6 | 1085.6 | 1099.9 | 1171.3 | 1285.6 | 1571.3 | 2656.9 | 4613.9 | 10027.8 | 13084.7 | 15298.8 |
| 37.5° | 999.9 | 1014.2 | 1042.8 | 1099.9 | 1199.9 | 1442.7 | 2442.7 | 4328.2 | 10327.8 | 13741.8 | 16270.1 |
| 40° | 942.8 | 957.1 | 985.6 | 1042.8 | 1142.8 | 1328.5 | 2257.0 | 4099.7 | 10642.0 | 14456.0 | 17312.9 |
| 42.5° | 899.9 | 914.2 | 942.8 | 999.9 | 1085.6 | 1299.9 | 2057.0 | 3914.0 | 10827.7 | 15113.1 | 18298.5 |
| 45° | 857.1 | 871.4 | 914.2 | 971.4 | 1042.8 | 1271.3 | 1942.7 | 3785.4 | 10899.1 | 15555.9 | 19084.2 |
| 47.5° | 814.2 | 828.5 | 871.4 | 957.1 | 1042.8 | 1228.5 | 1899.8 | 3714.0 | 10956.3 | 16055.9 | 19712.7 |
| 50° | 771.4 | 799.9 | 857.1 | 942.8 | 1057.1 | 1171.3 | 1871.3 | 3699.7 | 11284.8 | 16698.7 | 20312.7 |
| 52.5° | 742.8 | 785.7 | 842.8 | 942.8 | 1042.8 | 1085.6 | 1857.0 | 3742.6 | 11941.9 | 17655.7 | 21169.7 |
| 55° | 714.2 | 757.1 | 814.2 | 942.8 | 999.9 | 1014.2 | 1785.6 | 3814.0 | 12941.8 | 18984.2 | 22383.9 |
| 57.5° | 685.7 | 714.2 | 785.7 | 914.2 | 942.8 | 957.1 | 1642.7 | 3914.0 | 13941.7 | 20284.1 | 23626.7 |
| 60° | 642.8 | 671.4 | 742.8 | 914.2 | 857.1 | 899.9 | 1457.0 | 3942.5 | 14656.0 | 20698.4 | 23741.0 |
| 62.5° | 600.0 | 628.5 | 699.9 | 942.8 | 785.7 | 842.8 | 1299.9 | 3842.6 | 14798.8 | 20098.4 | 23098.2 |
| 65° | 557.1 | 585.7 | 642.8 | 785.7 | 728.5 | 785.7 | 1199.9 | 3571.1 | 14327.4 | 18727.1 | 21926.8 |
| 67.5° | 514.2 | 542.8 | 585.7 | 642.8 | 657.1 | 714.2 | 1157.1 | 3142.6 | 13141.8 | 17027.2 | 20327.0 |
| 70° | 457.1 | 485.7 | 528.5 | 571.4 | 585.7 | 671.4 | 1085.6 | 2728.4 | 11227.7 | 14756.0 | 18370.0 |
| 72.5° | 414.3 | 428.5 | 471.4 | 500.0 | 528.5 | 614.2 | 1042.8 | 2385.5 | 8585.0 | 11941.9 | 14984.5 |
| 75° | 357.1 | 357.1 | 400.0 | 428.5 | 457.1 | 542.8 | 957.1 | 1985.6 | 6056.7 | 9113.6 | 11013.4 |
| 77.5° | 300.0 | 300.0 | 328.5 | 357.1 | 385.7 | 471.4 | 814.2 | 1614.2 | 4199.7 | 7228.0 | 7985.1 |
| 80° | 228.6 | 228.6 | 257.1 | 285.7 | 314.3 | 400.0 | 657.1 | 1185.6 | 2599.8 | 5285.3 | 5813.8 |
| 82.5° | 157.1 | 157.1 | 200.0 | 214.3 | 228.6 | 314.3 | 500.0 | 814.2 | 1528.4 | 3814.0 | 4156.8 |
| 85° | 85.7 | 85.7 | 114.3 | 128.6 | 157.1 | 228.6 | 371.4 | 571.4 | 914.2 | 2756.9 | 2771.2 |
| 87.5° | 14.3 | 14.3 | 42.9 | 42.9 | 71.4 | 114.3 | 214.3 | 314.3 | 514.2 | 1528.4 | 971.4 |
| 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: P598700
 CATALOG NUMBER: IFLD-L-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 | 10199.2 |
| 2.5° | 11156.3 | 11313.4 | 11327.7 | 11327.7 | 11256.2 | 11270.5 | 11070.5 | 10856.3 | 10784.9 | 10770.6 |
| 5° | 11741.9 | 12156.2 | 12270.5 | 12327.6 | 12141.9 | 11856.2 | 11342.0 | 10784.9 | 10499.2 | 10456.3 |
| 7.5° | 11627.6 | 12456.2 | 12899.0 | 12956.1 | 12584.7 | 11913.3 | 11013.4 | 10156.3 | 9827.8 | 9742.1 |
| 10° | 10956.3 | 12070.5 | 12870.4 | 13070.4 | 12670.4 | 11813.3 | 10642.0 | 9642.1 | 9242.1 | 9170.7 |
| 12.5° | 10484.9 | 11556.2 | 12341.9 | 12613.3 | 12427.6 | 11684.8 | 10456.3 | 9313.5 | 8913.6 | 8813.6 |
| 15° | 10227.8 | 11213.4 | 11727.6 | 11813.3 | 11799.1 | 11484.8 | 10456.3 | 9385.0 | 8942.1 | 8827.9 |
| 17.5° | 10442.0 | 11113.4 | 11184.8 | 10984.8 | 11099.1 | 11256.2 | 10684.9 | 9770.7 | 9342.1 | 9242.1 |
| 20° | 10870.6 | 11070.5 | 10727.7 | 10427.7 | 10484.9 | 10984.8 | 11042.0 | 10499.2 | 10156.3 | 9984.9 |
| 22.5° | 11770.5 | 11227.7 | 10442.0 | 10027.8 | 10070.6 | 10770.6 | 11513.4 | 11484.8 | 11184.8 | 11099.1 |
| 25° | 12684.7 | 11670.5 | 10356.3 | 9870.6 | 9927.8 | 10727.7 | 12070.5 | 12584.7 | 12427.6 | 12384.7 |
| 27.5° | 13698.9 | 12413.3 | 10413.5 | 9799.2 | 9870.6 | 10784.9 | 12456.2 | 13513.2 | 13541.8 | 13498.9 |
| 30° | 14384.6 | 12770.4 | 10584.9 | 9884.9 | 9984.9 | 10927.7 | 12541.9 | 14070.3 | 14327.4 | 14341.7 |
| 32.5° | 14956.0 | 13127.5 | 10942.0 | 10027.8 | 10199.2 | 11184.8 | 12770.4 | 14598.8 | 15170.2 | 15184.5 |
| 35° | 15413.1 | 13527.5 | 11384.8 | 10284.9 | 10542.0 | 11613.4 | 13070.4 | 15098.8 | 15955.9 | 16055.9 |
| 37.5° | 15998.7 | 13970.3 | 11899.1 | 10842.0 | 11127.7 | 12227.6 | 13598.9 | 15684.5 | 16884.4 | 17155.8 |
| 40° | 16627.2 | 14413.1 | 12641.9 | 11741.9 | 12156.2 | 13141.8 | 14198.9 | 16341.6 | 17670.0 | 18041.4 |
| 42.5° | 17327.2 | 14884.5 | 13484.6 | 12956.1 | 13584.6 | 14298.9 | 14884.5 | 16941.5 | 18270.0 | 18698.5 |
| 45° | 18012.9 | 15455.9 | 14713.1 | 14613.1 | 15313.1 | 15670.2 | 15555.9 | 17370.0 | 18841.4 | 19269.9 |
| 47.5° | 18498.5 | 16284.4 | 16198.7 | 16798.7 | 17455.8 | 17270.1 | 16341.6 | 17684.3 | 19312.7 | 19784.1 |
| 50° | 18941.4 | 17312.9 | 18070.0 | 19241.3 | 19641.3 | 19012.8 | 17184.3 | 18112.8 | 19812.7 | 20341.2 |
| 52.5° | 19598.4 | 18412.8 | 19998.4 | 21455.4 | 21841.1 | 20841.2 | 18098.6 | 18812.8 | 20584.1 | 21055.5 |
| 55° | 20941.2 | 19655.6 | 22012.5 | 23683.8 | 23755.3 | 22512.5 | 19327.0 | 19998.4 | 21669.7 | 22212.5 |
| 57.5° | 22441.1 | 21184.0 | 23612.4 | 25526.5 | 25498.0 | 24183.8 | 20712.6 | 21598.3 | 23141.0 | 23512.4 |
| 60° | 23798.1 | 22726.8 | 25355.1 | 26840.7 | 26769.3 | 25398.0 | 22326.8 | 23412.4 | 24826.6 | 25112.3 |
| 62.5° | 24598.0 | 24126.7 | 26126.5 | 27255.0 | 26983.6 | 25797.9 | 23698.1 | 25026.6 | 26026.5 | 26126.5 |
| 65° | 24469.5 | 24926.6 | 25226.6 | 25926.5 | 25540.8 | 24683.8 | 24369.5 | 26055.1 | 26155.1 | 26055.1 |
| 67.5° | 23498.1 | 24469.5 | 22755.3 | 22826.8 | 22626.8 | 21898.3 | 23326.7 | 25783.7 | 25098.0 | 24855.2 |
| 70° | 22026.8 | 22098.2 | 19027.1 | 18127.1 | 18441.4 | 17441.5 | 20012.7 | 23669.5 | 22612.5 | 22312.5 |
| 72.5° | 19584.2 | 18698.5 | 14384.6 | 13470.4 | 13941.7 | 13227.5 | 16055.9 | 20626.9 | 19598.4 | 18627.1 |
| 75° | 16427.3 | 14813.1 | 10956.3 | 9656.4 | 9899.2 | 9870.6 | 12441.9 | 17041.5 | 15184.5 | 14213.2 |
| 77.5° | 12727.6 | 11541.9 | 8085.1 | 7585.1 | 7328.0 | 7385.1 | 8685.0 | 12670.4 | 11013.4 | 9799.2 |
| 80° | 9299.3 | 8070.8 | 6256.6 | 6542.3 | 6399.5 | 6056.7 | 6085.2 | 8485.0 | 7656.5 | 6928.0 |
| 82.5° | 6428.1 | 5742.4 | 5071.0 | 5728.1 | 5385.3 | 4856.8 | 4742.5 | 6113.8 | 5742.4 | 5299.6 |
| 85° | 4313.9 | 4728.2 | 4028.3 | 4385.4 | 3799.7 | 3499.7 | 4456.8 | 5113.9 | 4128.2 | 3685.4 |
| 87.5° | 2814.1 | 4328.2 | 2899.8 | 2199.8 | 1257.0 | 1685.6 | 2728.4 | 3356.9 | 1928.4 | 1042.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)