

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P623130

Luminaire Tested: **IFLD-L-SA7C-750-U-33**

Issue Date: 10/13/2022

Test Information

Test Method: LM-79-2019
Report Number: P623130
Test Lab: INNOVATION CENTER(G2)
Issue Date: 10/13/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-750-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

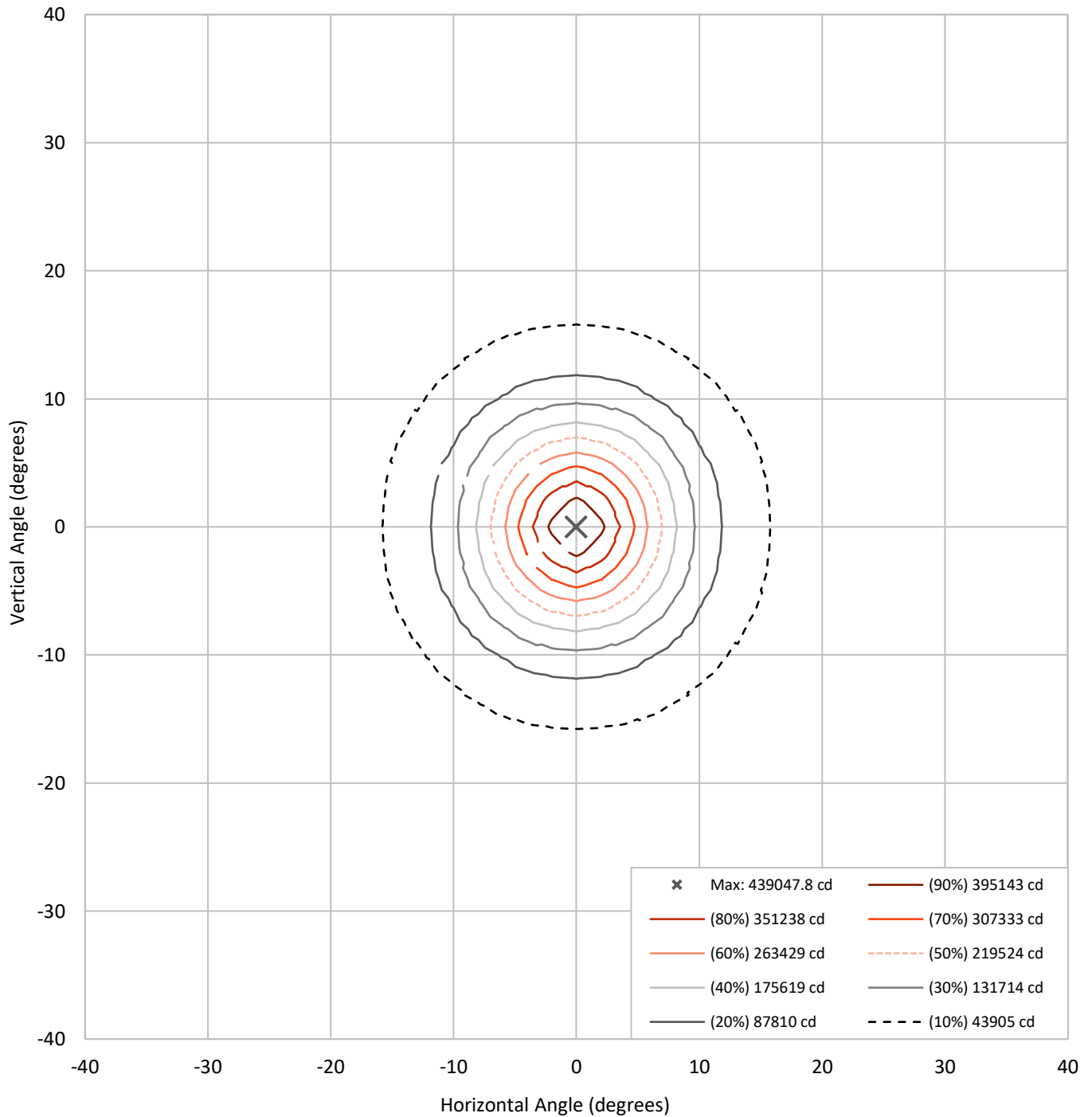
| | | | |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 47183.3 lumens | Max Intensity: | 439047.8 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 127.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens: | 10317.7 lumens | Field Lumens: | 24023.9 lumens |
| Beam Efficiency: | 21.9% | Field Efficiency: | 50.9% |

Input Watts (W): 369
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



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Iso-Candela Plot





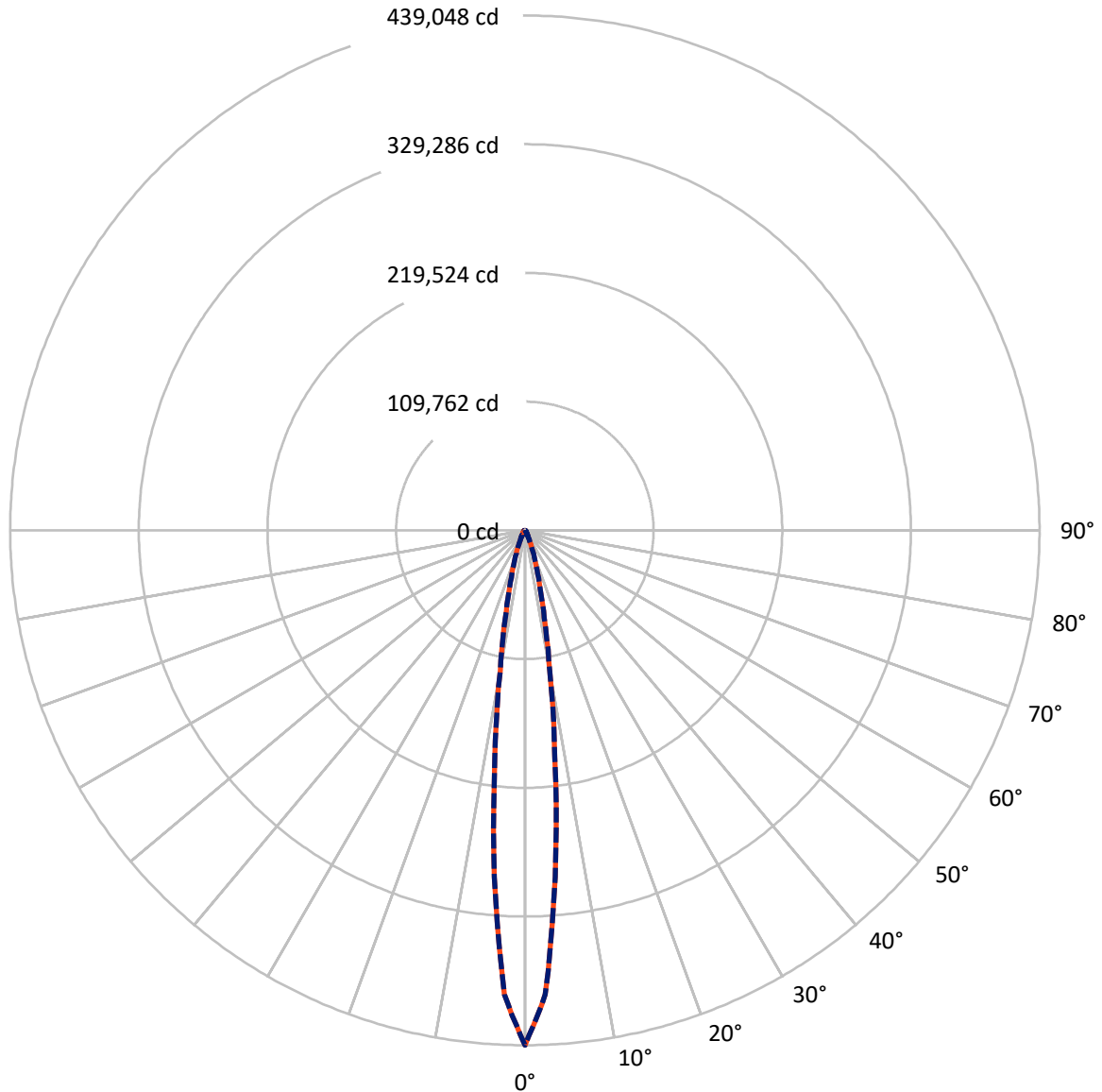
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|------|-----|
| 90 | 0.8 | 6.1 | | 16.2 | | 26.4 | | 30.7 | | 26.4 | | 16.2 | | 6.1 | | 0.8 |
| 80 | 0.8 | 6.1 | | 16.2 | | 26.4 | | 30.7 | | 26.4 | | 16.2 | | 6.1 | | 0.8 |
| 70 | 2.8 | 3.1 | 6.5 | 10.9 | 15.4 | 19.4 | 22.4 | 24.0 | 24.0 | 22.4 | 19.4 | 15.4 | 10.9 | 6.5 | 3.1 | 2.8 |
| 60 | | 4.8 | 10.1 | 16.3 | 22.6 | 28.1 | 32.3 | 34.6 | 34.6 | 32.3 | 28.1 | 22.6 | 16.3 | 10.1 | 4.8 | |
| 50 | 5.1 | 6.6 | 13.3 | 21.0 | 29.0 | 37.2 | 45.0 | 49.9 | 49.9 | 45.0 | 37.2 | 29.0 | 21.0 | 13.3 | 6.6 | 5.1 |
| 40 | | 8.0 | 15.9 | 25.1 | 36.7 | 52.6 | 71.9 | 88.3 | 88.3 | 71.9 | 52.6 | 36.7 | 25.1 | 15.9 | 8.0 | |
| 30 | 6.8 | 9.2 | 17.8 | 29.1 | 47.6 | 84.0 | 171.6 | 293.6 | 293.6 | 171.6 | 84.0 | 47.6 | 29.1 | 17.8 | 9.2 | 6.8 |
| 20 | | 9.9 | 19.3 | 33.1 | 61.2 | 161.8 | 581.8 | 1444.6 | 1444.6 | 581.8 | 161.8 | 61.2 | 33.1 | 19.3 | 9.9 | |
| 10 | 7.4 | 10.3 | 20.1 | 35.6 | 73.1 | 269.5 | 1407.6 | 6180.6 | 6180.6 | 1407.6 | 269.5 | 73.1 | 35.6 | 20.1 | 10.3 | 7.4 |
| 0 | | 10.3 | 20.1 | 35.6 | 73.1 | 269.5 | 1407.6 | 6180.6 | 6180.6 | 1407.6 | 269.5 | 73.1 | 35.6 | 20.1 | 10.3 | |
| -10 | 6.8 | 9.9 | 19.3 | 33.1 | 61.2 | 161.8 | 581.8 | 1444.6 | 1444.6 | 581.8 | 161.8 | 61.2 | 33.1 | 19.3 | 9.9 | 6.8 |
| -20 | | 9.2 | 17.8 | 29.1 | 47.6 | 84.0 | 171.6 | 293.6 | 293.6 | 171.6 | 84.0 | 47.6 | 29.1 | 17.8 | 9.2 | |
| -30 | 5.1 | 8.0 | 15.9 | 25.1 | 36.7 | 52.6 | 71.9 | 88.3 | 88.3 | 71.9 | 52.6 | 36.7 | 25.1 | 15.9 | 8.0 | 5.1 |
| -40 | | 6.6 | 13.3 | 21.0 | 29.0 | 37.2 | 45.0 | 49.9 | 49.9 | 45.0 | 37.2 | 29.0 | 21.0 | 13.3 | 6.6 | |
| -50 | 2.8 | 4.8 | 10.1 | 16.3 | 22.6 | 28.1 | 32.3 | 34.6 | 34.6 | 32.3 | 28.1 | 22.6 | 16.3 | 10.1 | 4.8 | 2.8 |
| -60 | | 3.1 | 6.5 | 10.9 | 15.4 | 19.4 | 22.4 | 24.0 | 24.0 | 22.4 | 19.4 | 15.4 | 10.9 | 6.5 | 3.1 | |
| -70 | 0.8 | 6.1 | | 16.2 | | 26.4 | | 30.7 | | 26.4 | | 16.2 | | 6.1 | | 0.8 |
| -80 | | 6.1 | | 16.2 | | 26.4 | | 30.7 | | 26.4 | | 16.2 | | 6.1 | | |
| -90 | 0.8 | 6.1 | | 16.2 | | 26.4 | | 30.7 | | 26.4 | | 16.2 | | 6.1 | | 0.8 |

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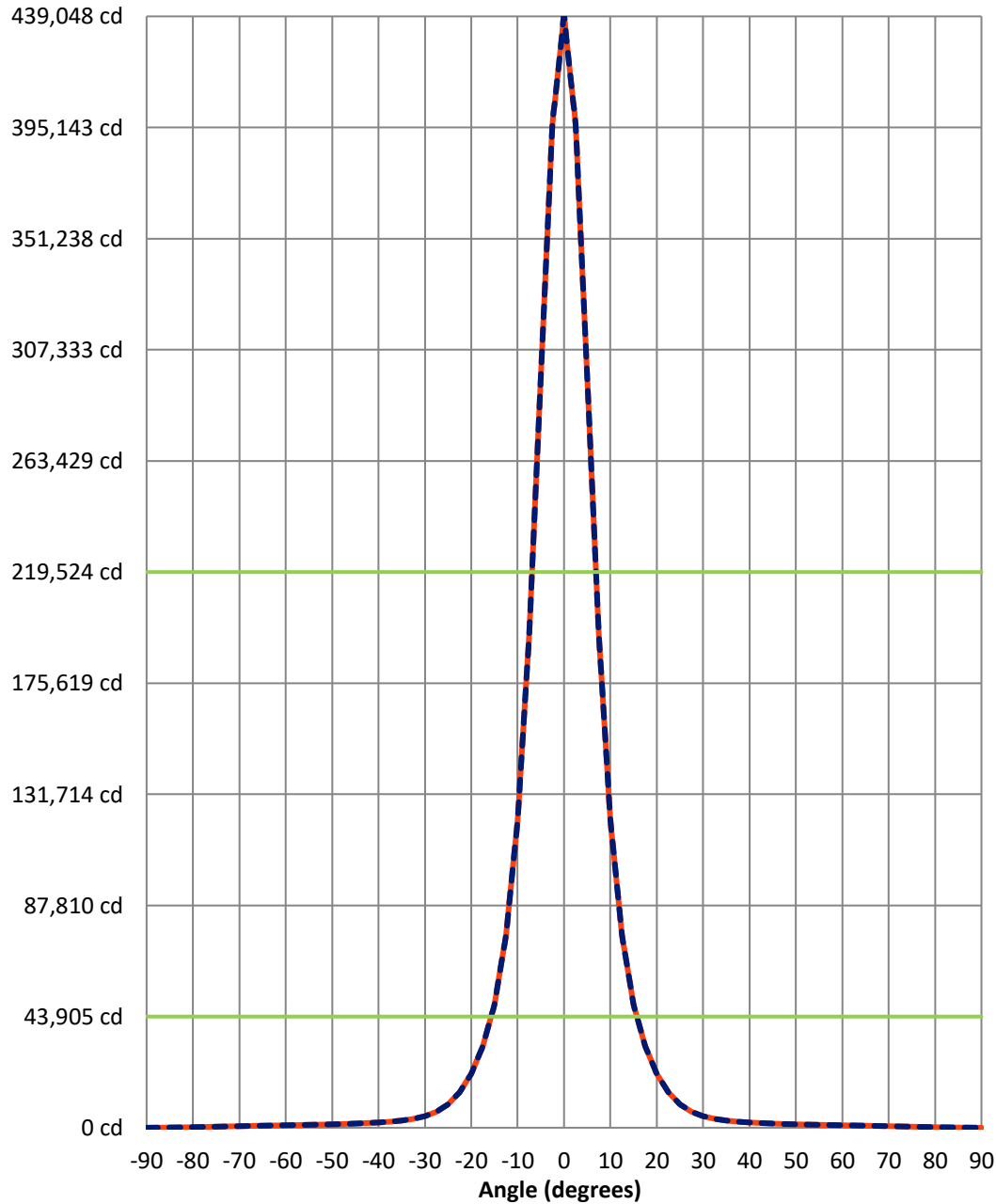
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 13.8°
V Angle: 13.8°
Lumens: 10317.7
Efficiency: 21.9%

Field:
H Angle: 31.4°
V Angle: 31.4°
Lumens: 24023.9
Efficiency: 50.9%

Spill:
Lumens: 23159.4
Efficiency: 49.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 34.4 | 34.4 |
| 85° | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 83.4 | 83.4 | 83.4 | 78.5 | 78.5 |
| 82.5° | 147.3 | 147.3 | 147.3 | 147.3 | 142.4 | 142.4 | 142.4 | 137.4 | 137.4 | 132.5 | 132.5 |
| 80° | 225.8 | 225.8 | 225.8 | 225.8 | 220.9 | 216.0 | 216.0 | 211.1 | 206.2 | 201.3 | 196.3 |
| 77.5° | 309.2 | 309.2 | 309.2 | 304.3 | 304.3 | 299.4 | 294.5 | 289.6 | 284.7 | 274.9 | 270.0 |
| 75° | 407.4 | 407.4 | 407.4 | 402.5 | 397.6 | 392.7 | 387.8 | 378.0 | 373.1 | 363.2 | 353.4 |
| 72.5° | 510.5 | 510.5 | 510.5 | 505.6 | 500.7 | 490.9 | 486.0 | 476.1 | 466.3 | 451.6 | 441.8 |
| 70° | 608.7 | 608.7 | 608.7 | 603.8 | 593.9 | 589.0 | 579.2 | 569.4 | 559.6 | 544.9 | 530.1 |
| 67.5° | 706.8 | 706.8 | 706.8 | 697.0 | 692.1 | 687.2 | 677.4 | 662.7 | 652.8 | 638.1 | 618.5 |
| 65° | 800.1 | 800.1 | 795.2 | 790.3 | 785.4 | 775.6 | 765.7 | 755.9 | 741.2 | 726.5 | 706.8 |
| 62.5° | 893.4 | 893.4 | 888.5 | 883.6 | 878.6 | 868.8 | 854.1 | 844.3 | 824.7 | 809.9 | 790.3 |
| 60° | 971.9 | 971.9 | 967.0 | 962.1 | 957.2 | 947.4 | 937.5 | 922.8 | 908.1 | 893.4 | 873.7 |
| 57.5° | 1055.4 | 1055.4 | 1050.4 | 1045.5 | 1035.7 | 1025.9 | 1016.1 | 1001.4 | 981.7 | 962.1 | 947.4 |
| 55° | 1148.6 | 1148.6 | 1143.7 | 1133.9 | 1124.1 | 1114.3 | 1099.5 | 1079.9 | 1060.3 | 1040.6 | 1016.1 |
| 52.5° | 1237.0 | 1237.0 | 1232.1 | 1222.2 | 1212.4 | 1202.6 | 1183.0 | 1168.3 | 1143.7 | 1119.2 | 1089.7 |
| 50° | 1345.0 | 1345.0 | 1335.1 | 1325.3 | 1315.5 | 1295.9 | 1276.2 | 1251.7 | 1227.2 | 1197.7 | 1173.2 |
| 47.5° | 1467.7 | 1467.7 | 1457.9 | 1448.0 | 1428.4 | 1408.8 | 1379.3 | 1349.9 | 1320.4 | 1286.1 | 1246.8 |
| 45° | 1639.5 | 1639.5 | 1624.8 | 1605.1 | 1580.6 | 1546.2 | 1507.0 | 1467.7 | 1423.5 | 1384.2 | 1340.1 |
| 42.5° | 1850.6 | 1850.6 | 1830.9 | 1806.4 | 1772.0 | 1727.8 | 1673.8 | 1619.8 | 1560.9 | 1497.1 | 1438.2 |
| 40° | 2071.4 | 2071.4 | 2046.9 | 2022.4 | 1983.1 | 1929.1 | 1870.2 | 1801.5 | 1727.8 | 1644.4 | 1570.8 |
| 37.5° | 2375.8 | 2375.8 | 2341.4 | 2297.2 | 2238.3 | 2164.7 | 2076.4 | 1997.8 | 1914.4 | 1821.1 | 1722.9 |
| 35° | 2827.4 | 2827.4 | 2773.4 | 2699.7 | 2606.5 | 2483.8 | 2351.2 | 2238.3 | 2110.7 | 1997.8 | 1889.8 |
| 32.5° | 3494.9 | 3494.9 | 3401.7 | 3293.7 | 3136.6 | 2940.3 | 2748.8 | 2567.2 | 2375.8 | 2213.8 | 2056.7 |
| 30° | 4545.4 | 4545.4 | 4388.3 | 4192.0 | 3926.9 | 3588.2 | 3303.5 | 3009.0 | 2729.2 | 2493.6 | 2277.6 |
| 27.5° | 6292.9 | 6219.2 | 6003.3 | 5644.9 | 5154.1 | 4545.4 | 4108.5 | 3612.8 | 3220.1 | 2837.2 | 2557.4 |
| 25° | 9238.0 | 9100.6 | 8693.2 | 8020.7 | 7112.6 | 6106.3 | 5311.1 | 4466.9 | 3868.0 | 3323.1 | 2886.3 |
| 22.5° | 14024.0 | 13773.6 | 13027.5 | 11810.2 | 10165.8 | 8555.7 | 7088.1 | 5787.3 | 4717.2 | 3956.4 | 3323.1 |
| 20° | 21308.4 | 20871.5 | 19585.4 | 17504.2 | 14696.4 | 12207.8 | 9591.5 | 7662.4 | 5949.3 | 4717.2 | 3868.0 |
| 17.5° | 32254.6 | 31498.7 | 29284.9 | 25716.3 | 21308.4 | 17253.8 | 13268.0 | 10092.2 | 7662.4 | 5787.3 | 4466.9 |
| 15° | 48629.8 | 47304.5 | 43436.5 | 37286.0 | 30222.5 | 23792.1 | 18132.5 | 13268.0 | 9591.5 | 7088.1 | 5311.1 |
| 12.5° | 76123.1 | 73443.0 | 65697.2 | 53617.0 | 42356.6 | 31788.3 | 23792.1 | 17253.8 | 12207.8 | 8555.7 | 6106.3 |
| 10° | 121547.6 | 116010.6 | 100307.9 | 76540.3 | 58461.8 | 42356.6 | 30222.5 | 21308.4 | 14696.4 | 10165.8 | 7112.6 |
| 7.5° | 195177.1 | 183293.3 | 150822.7 | 110802.6 | 76540.3 | 53617.0 | 37286.0 | 25716.3 | 17504.2 | 11810.2 | 8020.7 |
| 5° | 296731.8 | 272817.0 | 212784.4 | 150822.7 | 100307.9 | 65697.2 | 43436.5 | 29284.9 | 19585.4 | 13027.5 | 8693.2 |
| 2.5° | 396298.5 | 355080.7 | 272817.0 | 183293.3 | 116010.6 | 73443.0 | 47304.5 | 31498.7 | 20871.5 | 13773.6 | 9100.6 |
| 0° | 439047.8 | 396298.5 | 296731.8 | 195177.1 | 121547.6 | 76123.1 | 48629.8 | 32254.6 | 21308.4 | 14024.0 | 9238.0 |



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CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 34.4 | 34.4 | 34.4 | 34.4 | 29.5 | 29.5 | 29.5 | 29.5 | 24.5 | 24.5 | 24.5 |
| 85° | 78.5 | 73.6 | 73.6 | 68.7 | 68.7 | 63.8 | 63.8 | 58.9 | 58.9 | 54.0 | 49.1 |
| 82.5° | 127.6 | 122.7 | 117.8 | 112.9 | 112.9 | 108.0 | 103.1 | 93.3 | 88.4 | 83.4 | 78.5 |
| 80° | 191.4 | 181.6 | 176.7 | 166.9 | 162.0 | 152.2 | 142.4 | 137.4 | 127.6 | 122.7 | 112.9 |
| 77.5° | 260.2 | 250.3 | 245.4 | 230.7 | 220.9 | 211.1 | 201.3 | 186.5 | 176.7 | 162.0 | 147.3 |
| 75° | 338.7 | 328.9 | 314.2 | 299.4 | 289.6 | 274.9 | 260.2 | 245.4 | 225.8 | 211.1 | 196.3 |
| 72.5° | 427.1 | 412.3 | 397.6 | 378.0 | 358.3 | 343.6 | 319.1 | 299.4 | 284.7 | 265.1 | 245.4 |
| 70° | 515.4 | 500.7 | 481.0 | 461.4 | 436.9 | 417.2 | 392.7 | 368.1 | 343.6 | 319.1 | 294.5 |
| 67.5° | 603.8 | 584.1 | 564.5 | 539.9 | 515.4 | 490.9 | 466.3 | 436.9 | 407.4 | 378.0 | 348.5 |
| 65° | 687.2 | 667.6 | 643.0 | 618.5 | 593.9 | 564.5 | 535.0 | 505.6 | 471.2 | 436.9 | 407.4 |
| 62.5° | 770.7 | 746.1 | 721.6 | 697.0 | 667.6 | 638.1 | 608.7 | 569.4 | 535.0 | 500.7 | 461.4 |
| 60° | 849.2 | 824.7 | 800.1 | 770.7 | 741.2 | 706.8 | 672.5 | 638.1 | 598.9 | 559.6 | 520.3 |
| 57.5° | 922.8 | 898.3 | 873.7 | 839.4 | 809.9 | 775.6 | 736.3 | 701.9 | 657.8 | 618.5 | 574.3 |
| 55° | 991.5 | 967.0 | 937.5 | 908.1 | 878.6 | 839.4 | 800.1 | 760.8 | 716.7 | 672.5 | 623.4 |
| 52.5° | 1060.3 | 1030.8 | 1001.4 | 971.9 | 937.5 | 903.2 | 863.9 | 819.7 | 775.6 | 726.5 | 677.4 |
| 50° | 1138.8 | 1104.4 | 1065.2 | 1030.8 | 991.5 | 957.2 | 917.9 | 873.7 | 829.6 | 775.6 | 726.5 |
| 47.5° | 1212.4 | 1178.1 | 1138.8 | 1094.6 | 1055.4 | 1011.2 | 967.0 | 927.7 | 878.6 | 829.6 | 775.6 |
| 45° | 1295.9 | 1246.8 | 1207.5 | 1163.3 | 1114.3 | 1065.2 | 1021.0 | 971.9 | 927.7 | 873.7 | 819.7 |
| 42.5° | 1384.2 | 1330.2 | 1276.2 | 1222.2 | 1178.1 | 1124.1 | 1070.1 | 1021.0 | 967.0 | 917.9 | 863.9 |
| 40° | 1487.3 | 1423.5 | 1354.8 | 1295.9 | 1237.0 | 1183.0 | 1124.1 | 1065.2 | 1011.2 | 957.2 | 903.2 |
| 37.5° | 1619.8 | 1531.5 | 1443.1 | 1369.5 | 1300.8 | 1237.0 | 1178.1 | 1114.3 | 1055.4 | 991.5 | 937.5 |
| 35° | 1776.9 | 1654.2 | 1551.1 | 1448.0 | 1369.5 | 1295.9 | 1222.2 | 1163.3 | 1094.6 | 1030.8 | 971.9 |
| 32.5° | 1934.0 | 1801.5 | 1668.9 | 1551.1 | 1443.1 | 1354.8 | 1276.2 | 1207.5 | 1138.8 | 1065.2 | 1001.4 |
| 30° | 2096.0 | 1948.7 | 1801.5 | 1654.2 | 1531.5 | 1423.5 | 1330.2 | 1246.8 | 1178.1 | 1104.4 | 1030.8 |
| 27.5° | 2302.1 | 2096.0 | 1934.0 | 1776.9 | 1619.8 | 1487.3 | 1384.2 | 1295.9 | 1212.4 | 1138.8 | 1060.3 |
| 25° | 2557.4 | 2277.6 | 2056.7 | 1889.8 | 1722.9 | 1570.8 | 1438.2 | 1340.1 | 1246.8 | 1173.2 | 1089.7 |
| 22.5° | 2837.2 | 2493.6 | 2213.8 | 1997.8 | 1821.1 | 1644.4 | 1497.1 | 1384.2 | 1286.1 | 1197.7 | 1119.2 |
| 20° | 3220.1 | 2729.2 | 2375.8 | 2110.7 | 1914.4 | 1727.8 | 1560.9 | 1423.5 | 1320.4 | 1227.2 | 1143.7 |
| 17.5° | 3612.8 | 3009.0 | 2567.2 | 2238.3 | 1997.8 | 1801.5 | 1619.8 | 1467.7 | 1349.9 | 1251.7 | 1168.3 |
| 15° | 4108.5 | 3303.5 | 2748.8 | 2351.2 | 2076.4 | 1870.2 | 1673.8 | 1507.0 | 1379.3 | 1276.2 | 1183.0 |
| 12.5° | 4545.4 | 3588.2 | 2940.3 | 2483.8 | 2164.7 | 1929.1 | 1727.8 | 1546.2 | 1408.8 | 1295.9 | 1202.6 |
| 10° | 5154.1 | 3926.9 | 3136.6 | 2606.5 | 2238.3 | 1983.1 | 1772.0 | 1580.6 | 1428.4 | 1315.5 | 1212.4 |
| 7.5° | 5644.9 | 4192.0 | 3293.7 | 2699.7 | 2297.2 | 2022.4 | 1806.4 | 1605.1 | 1448.0 | 1325.3 | 1222.2 |
| 5° | 6003.3 | 4388.3 | 3401.7 | 2773.4 | 2341.4 | 2046.9 | 1830.9 | 1624.8 | 1457.9 | 1335.1 | 1232.1 |
| 2.5° | 6219.2 | 4545.4 | 3494.9 | 2827.4 | 2375.8 | 2071.4 | 1850.6 | 1639.5 | 1467.7 | 1345.0 | 1237.0 |
| 0° | 6292.9 | 4545.4 | 3494.9 | 2827.4 | 2375.8 | 2071.4 | 1850.6 | 1639.5 | 1467.7 | 1345.0 | 1237.0 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 24.5 | 19.6 | 19.6 | 19.6 | 14.7 | 14.7 | 14.7 | 9.8 | 9.8 | 9.8 | 4.9 |
| 85° | 44.2 | 44.2 | 39.3 | 34.4 | 34.4 | 29.5 | 24.5 | 24.5 | 19.6 | 14.7 | 14.7 |
| 82.5° | 73.6 | 68.7 | 63.8 | 58.9 | 54.0 | 44.2 | 39.3 | 34.4 | 29.5 | 24.5 | 19.6 |
| 80° | 103.1 | 98.2 | 88.4 | 78.5 | 73.6 | 63.8 | 58.9 | 49.1 | 39.3 | 34.4 | 29.5 |
| 77.5° | 137.4 | 127.6 | 117.8 | 108.0 | 93.3 | 83.4 | 73.6 | 63.8 | 54.0 | 44.2 | 34.4 |
| 75° | 181.6 | 162.0 | 147.3 | 132.5 | 117.8 | 103.1 | 88.4 | 78.5 | 63.8 | 54.0 | 39.3 |
| 72.5° | 225.8 | 206.2 | 181.6 | 162.0 | 142.4 | 127.6 | 108.0 | 93.3 | 78.5 | 63.8 | 49.1 |
| 70° | 270.0 | 245.4 | 220.9 | 196.3 | 171.8 | 147.3 | 127.6 | 108.0 | 88.4 | 73.6 | 58.9 |
| 67.5° | 314.2 | 289.6 | 260.2 | 230.7 | 206.2 | 176.7 | 147.3 | 127.6 | 103.1 | 83.4 | 63.8 |
| 65° | 368.1 | 333.8 | 299.4 | 270.0 | 235.6 | 206.2 | 171.8 | 142.4 | 117.8 | 93.3 | 73.6 |
| 62.5° | 422.1 | 382.9 | 343.6 | 304.3 | 270.0 | 230.7 | 196.3 | 162.0 | 132.5 | 108.0 | 78.5 |
| 60° | 476.1 | 432.0 | 387.8 | 343.6 | 299.4 | 260.2 | 220.9 | 181.6 | 147.3 | 117.8 | 88.4 |
| 57.5° | 530.1 | 481.0 | 432.0 | 382.9 | 333.8 | 289.6 | 245.4 | 206.2 | 162.0 | 127.6 | 98.2 |
| 55° | 579.2 | 530.1 | 476.1 | 422.1 | 368.1 | 314.2 | 270.0 | 225.8 | 181.6 | 137.4 | 103.1 |
| 52.5° | 623.4 | 574.3 | 520.3 | 461.4 | 407.4 | 348.5 | 294.5 | 245.4 | 196.3 | 147.3 | 112.9 |
| 50° | 672.5 | 618.5 | 559.6 | 500.7 | 436.9 | 378.0 | 319.1 | 265.1 | 211.1 | 162.0 | 122.7 |
| 47.5° | 716.7 | 657.8 | 598.9 | 535.0 | 471.2 | 407.4 | 343.6 | 284.7 | 225.8 | 176.7 | 127.6 |
| 45° | 760.8 | 701.9 | 638.1 | 569.4 | 505.6 | 436.9 | 368.1 | 299.4 | 245.4 | 186.5 | 137.4 |
| 42.5° | 800.1 | 736.3 | 672.5 | 608.7 | 535.0 | 466.3 | 392.7 | 319.1 | 260.2 | 201.3 | 142.4 |
| 40° | 839.4 | 775.6 | 706.8 | 638.1 | 564.5 | 490.9 | 417.2 | 343.6 | 274.9 | 211.1 | 152.2 |
| 37.5° | 878.6 | 809.9 | 741.2 | 667.6 | 593.9 | 515.4 | 436.9 | 358.3 | 289.6 | 220.9 | 162.0 |
| 35° | 908.1 | 839.4 | 770.7 | 697.0 | 618.5 | 539.9 | 461.4 | 378.0 | 299.4 | 230.7 | 166.9 |
| 32.5° | 937.5 | 873.7 | 800.1 | 721.6 | 643.0 | 564.5 | 481.0 | 397.6 | 314.2 | 245.4 | 176.7 |
| 30° | 967.0 | 898.3 | 824.7 | 746.1 | 667.6 | 584.1 | 500.7 | 412.3 | 328.9 | 250.3 | 181.6 |
| 27.5° | 991.5 | 922.8 | 849.2 | 770.7 | 687.2 | 603.8 | 515.4 | 427.1 | 338.7 | 260.2 | 191.4 |
| 25° | 1016.1 | 947.4 | 873.7 | 790.3 | 706.8 | 618.5 | 530.1 | 441.8 | 353.4 | 270.0 | 196.3 |
| 22.5° | 1040.6 | 962.1 | 893.4 | 809.9 | 726.5 | 638.1 | 544.9 | 451.6 | 363.2 | 274.9 | 201.3 |
| 20° | 1060.3 | 981.7 | 908.1 | 824.7 | 741.2 | 652.8 | 559.6 | 466.3 | 373.1 | 284.7 | 206.2 |
| 17.5° | 1079.9 | 1001.4 | 922.8 | 844.3 | 755.9 | 662.7 | 569.4 | 476.1 | 378.0 | 289.6 | 211.1 |
| 15° | 1099.5 | 1016.1 | 937.5 | 854.1 | 765.7 | 677.4 | 579.2 | 486.0 | 387.8 | 294.5 | 216.0 |
| 12.5° | 1114.3 | 1025.9 | 947.4 | 868.8 | 775.6 | 687.2 | 589.0 | 490.9 | 392.7 | 299.4 | 216.0 |
| 10° | 1124.1 | 1035.7 | 957.2 | 878.6 | 785.4 | 692.1 | 593.9 | 500.7 | 397.6 | 304.3 | 220.9 |
| 7.5° | 1133.9 | 1045.5 | 962.1 | 883.6 | 790.3 | 697.0 | 603.8 | 505.6 | 402.5 | 304.3 | 225.8 |
| 5° | 1143.7 | 1050.4 | 967.0 | 888.5 | 795.2 | 706.8 | 608.7 | 510.5 | 407.4 | 309.2 | 225.8 |
| 2.5° | 1148.6 | 1055.4 | 971.9 | 893.4 | 800.1 | 706.8 | 608.7 | 510.5 | 407.4 | 309.2 | 225.8 |
| 0° | 1148.6 | 1055.4 | 971.9 | 893.4 | 800.1 | 706.8 | 608.7 | 510.5 | 407.4 | 309.2 | 225.8 |



REPORT NUMBER: P623130
 CATALOG NUMBER: IFLD-L-SA7C-750-U-33

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.9 | 4.9 | 0.0 | 0.0 |
| 85° | 9.8 | 4.9 | 4.9 | 0.0 |
| 82.5° | 14.7 | 9.8 | 4.9 | 0.0 |
| 80° | 19.6 | 14.7 | 4.9 | 0.0 |
| 77.5° | 24.5 | 14.7 | 9.8 | 0.0 |
| 75° | 29.5 | 19.6 | 9.8 | 0.0 |
| 72.5° | 34.4 | 24.5 | 9.8 | 0.0 |
| 70° | 39.3 | 24.5 | 14.7 | 0.0 |
| 67.5° | 44.2 | 29.5 | 14.7 | 0.0 |
| 65° | 54.0 | 34.4 | 14.7 | 0.0 |
| 62.5° | 58.9 | 34.4 | 19.6 | 0.0 |
| 60° | 63.8 | 39.3 | 19.6 | 0.0 |
| 57.5° | 68.7 | 44.2 | 19.6 | 0.0 |
| 55° | 73.6 | 44.2 | 24.5 | 0.0 |
| 52.5° | 78.5 | 49.1 | 24.5 | 0.0 |
| 50° | 83.4 | 54.0 | 24.5 | 0.0 |
| 47.5° | 88.4 | 58.9 | 24.5 | 0.0 |
| 45° | 93.3 | 58.9 | 29.5 | 0.0 |
| 42.5° | 103.1 | 63.8 | 29.5 | 0.0 |
| 40° | 108.0 | 63.8 | 29.5 | 0.0 |
| 37.5° | 112.9 | 68.7 | 29.5 | 0.0 |
| 35° | 112.9 | 68.7 | 34.4 | 0.0 |
| 32.5° | 117.8 | 73.6 | 34.4 | 0.0 |
| 30° | 122.7 | 73.6 | 34.4 | 0.0 |
| 27.5° | 127.6 | 78.5 | 34.4 | 0.0 |
| 25° | 132.5 | 78.5 | 34.4 | 0.0 |
| 22.5° | 132.5 | 78.5 | 34.4 | 0.0 |
| 20° | 137.4 | 83.4 | 39.3 | 0.0 |
| 17.5° | 137.4 | 83.4 | 39.3 | 0.0 |
| 15° | 142.4 | 83.4 | 39.3 | 0.0 |
| 12.5° | 142.4 | 88.4 | 39.3 | 0.0 |
| 10° | 142.4 | 88.4 | 39.3 | 0.0 |
| 7.5° | 147.3 | 88.4 | 39.3 | 0.0 |
| 5° | 147.3 | 88.4 | 39.3 | 0.0 |
| 2.5° | 147.3 | 88.4 | 39.3 | 0.0 |
| 0° | 147.3 | 88.4 | 39.3 | 0.0 |

(END OF REPORT)