

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: P623014

Luminaire Tested: **IFLD-L-SA7C-727-U-33**

Issue Date: 10/13/2022

Test Information

Test Method: LM-79-2019
Report Number: P623014
Test Lab: INNOVATION CENTER(G2)
Issue Date: 10/13/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-727-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens
Light Source: (112) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

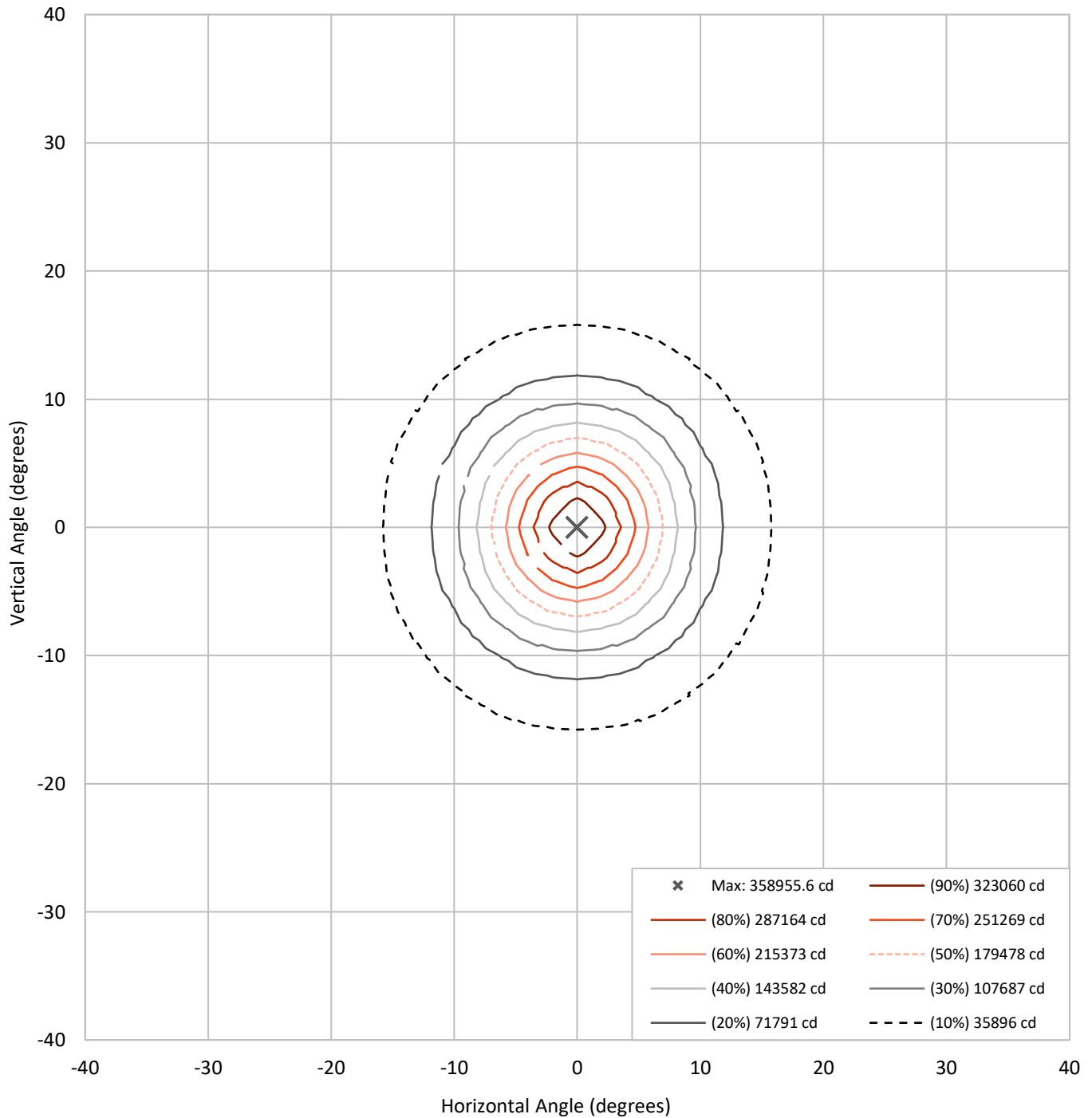
| | | | |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 38576 lumens | Max Intensity: | 358955.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 104.5 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: | 8435.5 lumens | Field Lumens: | 19641.4 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





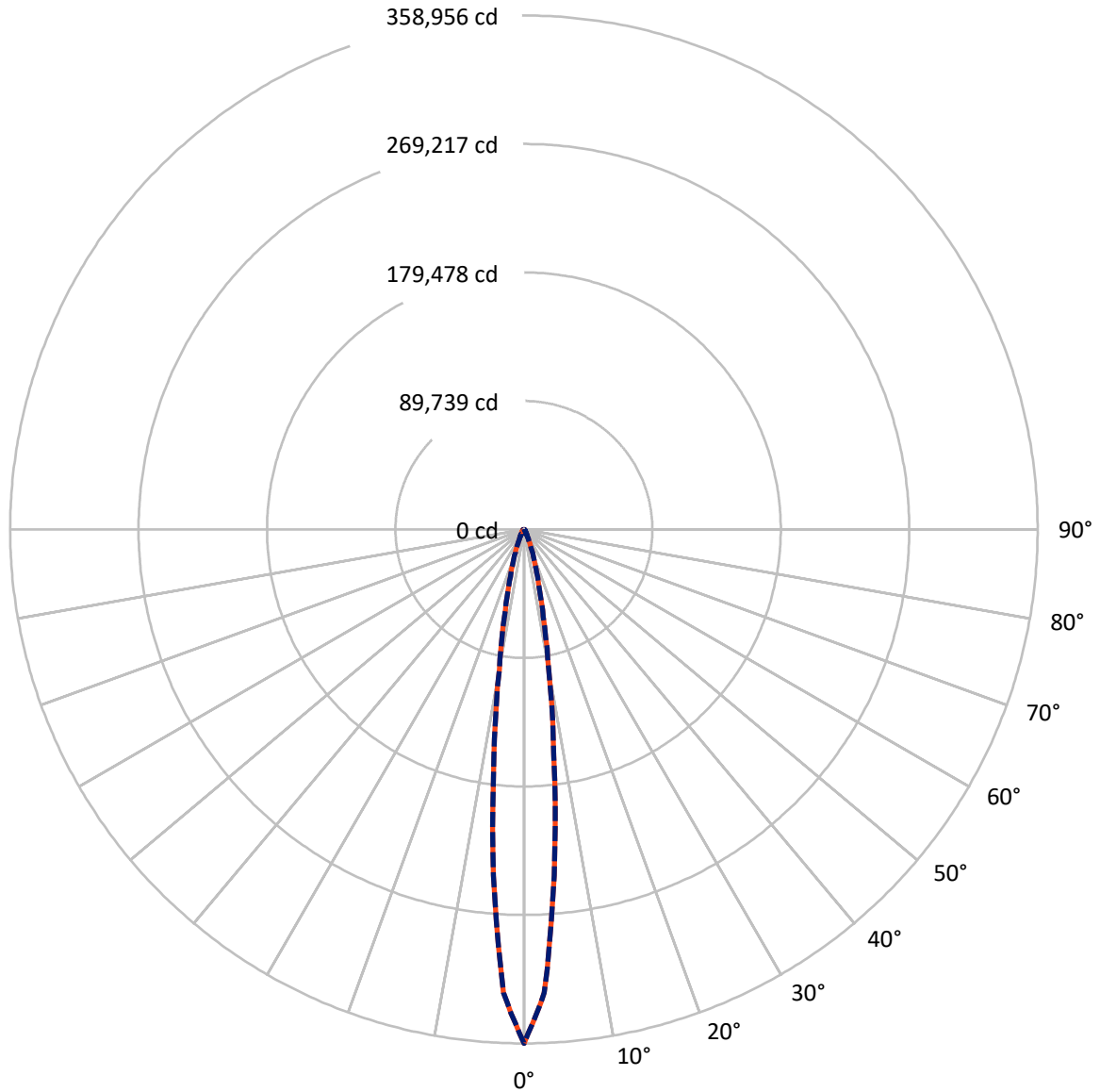
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|
| 90 | 0.6 | 5.0 | | 13.2 | | 21.6 | | 25.1 | | 21.6 | | 13.2 | | 5.0 | | 0.6 |
| 80 | 0.6 | 5.0 | | 13.2 | | 21.6 | | 25.1 | | 21.6 | | 13.2 | | 5.0 | | 0.6 |
| 70 | 2.3 | 2.5 | 5.3 | 8.9 | 12.6 | 15.9 | 18.3 | 19.6 | 19.6 | 18.3 | 15.9 | 12.6 | 8.9 | 5.3 | 2.5 | 2.3 |
| 60 | | 4.0 | 8.3 | 13.4 | 18.4 | 22.9 | 26.4 | 28.3 | 28.3 | 26.4 | 22.9 | 18.4 | 13.4 | 8.3 | 4.0 | |
| 50 | 4.1 | 5.4 | 10.9 | 17.1 | 23.7 | 30.4 | 36.8 | 40.8 | 40.8 | 36.8 | 30.4 | 23.7 | 17.1 | 10.9 | 5.4 | 4.1 |
| 40 | | 6.6 | 13.0 | 20.5 | 30.0 | 43.0 | 58.8 | 72.2 | 72.2 | 58.8 | 43.0 | 30.0 | 20.5 | 13.0 | 6.6 | |
| 30 | 5.6 | 7.5 | 14.6 | 23.8 | 38.9 | 68.7 | 140.3 | 240.0 | 240.0 | 140.3 | 68.7 | 38.9 | 23.8 | 14.6 | 7.5 | 5.6 |
| 20 | | 8.1 | 15.8 | 27.1 | 50.1 | 132.2 | 475.6 | 1181.1 | 1181.1 | 475.6 | 132.2 | 50.1 | 27.1 | 15.8 | 8.1 | |
| 10 | 6.1 | 8.4 | 16.4 | 29.1 | 59.8 | 220.3 | 1150.8 | 5053.2 | 5053.2 | 1150.8 | 220.3 | 59.8 | 29.1 | 16.4 | 8.4 | 6.1 |
| 0 | | 8.4 | 16.4 | 29.1 | 59.8 | 220.3 | 1150.8 | 5053.2 | 5053.2 | 1150.8 | 220.3 | 59.8 | 29.1 | 16.4 | 8.4 | |
| -10 | 5.6 | 8.1 | 15.8 | 27.1 | 50.1 | 132.2 | 475.6 | 1181.1 | 1181.1 | 475.6 | 132.2 | 50.1 | 27.1 | 15.8 | 8.1 | 5.6 |
| -20 | | 7.5 | 14.6 | 23.8 | 38.9 | 68.7 | 140.3 | 240.0 | 240.0 | 140.3 | 68.7 | 38.9 | 23.8 | 14.6 | 7.5 | |
| -30 | 4.1 | 6.6 | 13.0 | 20.5 | 30.0 | 43.0 | 58.8 | 72.2 | 72.2 | 58.8 | 43.0 | 30.0 | 20.5 | 13.0 | 6.6 | 4.1 |
| -40 | | 5.4 | 10.9 | 17.1 | 23.7 | 30.4 | 36.8 | 40.8 | 40.8 | 36.8 | 30.4 | 23.7 | 17.1 | 10.9 | 5.4 | |
| -50 | 2.3 | 4.0 | 8.3 | 13.4 | 18.4 | 22.9 | 26.4 | 28.3 | 28.3 | 26.4 | 22.9 | 18.4 | 13.4 | 8.3 | 4.0 | 2.3 |
| -60 | | 2.5 | 5.3 | 8.9 | 12.6 | 15.9 | 18.3 | 19.6 | 19.6 | 18.3 | 15.9 | 12.6 | 8.9 | 5.3 | 2.5 | |
| -70 | 0.6 | 5.0 | | 13.2 | | 21.6 | | 25.1 | | 21.6 | | 13.2 | | 5.0 | | 0.6 |
| -80 | | 5.0 | | 13.2 | | 21.6 | | 25.1 | | 21.6 | | 13.2 | | 5.0 | | |
| -90 | 0.6 | 5.0 | | 13.2 | | 21.6 | | 25.1 | | 21.6 | | 13.2 | | 5.0 | | 0.6 |

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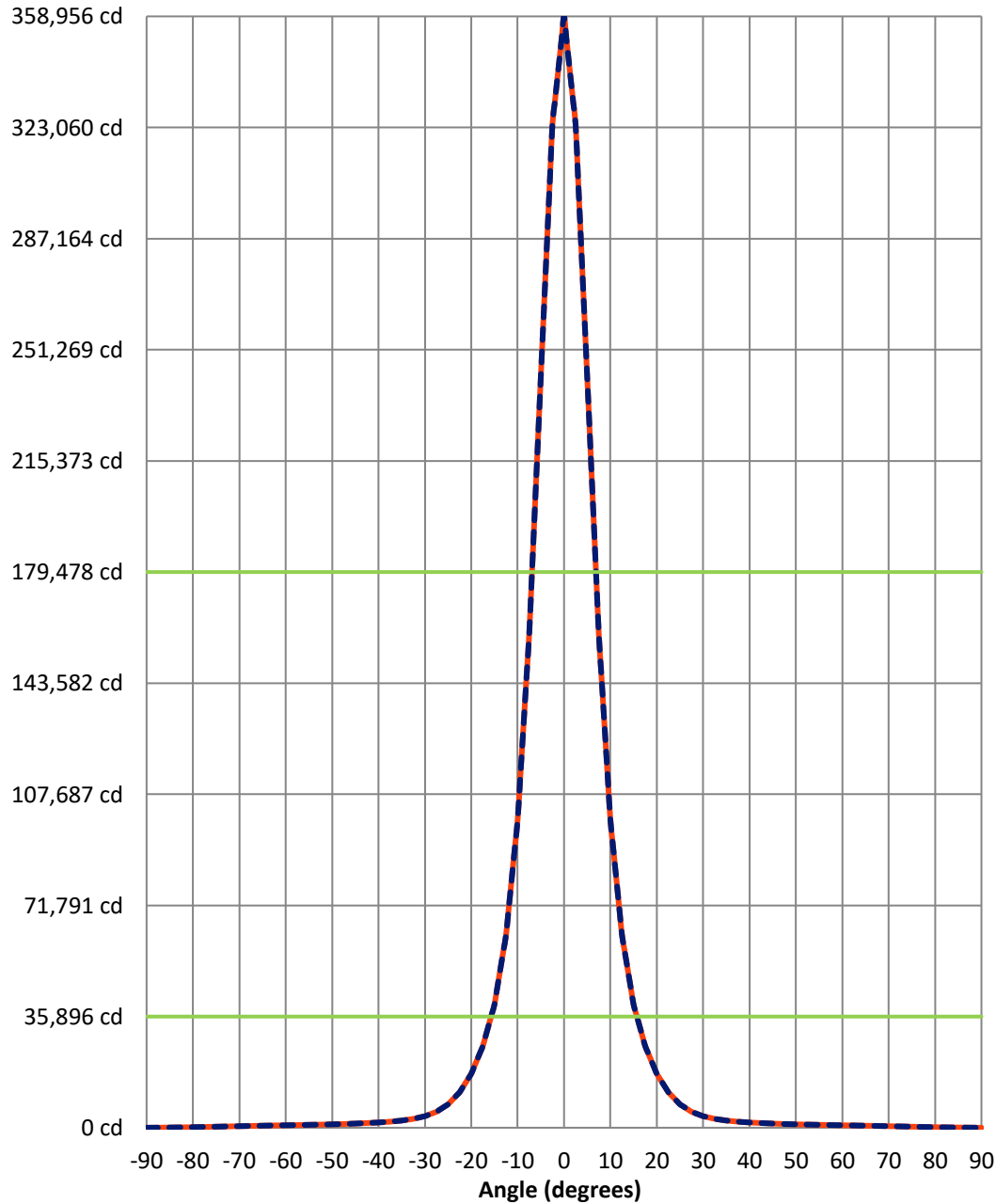
Luminous Intensity Polar Plot



— 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: 8435.5
 Efficiency: 21.9%

Field:
 H Angle: 31.4°
 V Angle: 31.4°
 Lumens: 19641.4
 Efficiency: 50.9%

Spill:
 Lumens: 18934.6
 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° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 28.1 | 28.1 |
| 85° | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 68.2 | 68.2 | 68.2 | 64.2 | 64.2 |
| 82.5° | 120.4 | 120.4 | 120.4 | 120.4 | 116.4 | 116.4 | 116.4 | 112.4 | 112.4 | 108.4 | 108.4 |
| 80° | 184.6 | 184.6 | 184.6 | 184.6 | 180.6 | 176.6 | 176.6 | 172.6 | 168.6 | 164.5 | 160.5 |
| 77.5° | 252.8 | 252.8 | 252.8 | 248.8 | 248.8 | 244.8 | 240.8 | 236.8 | 232.8 | 224.7 | 220.7 |
| 75° | 333.1 | 333.1 | 333.1 | 329.1 | 325.1 | 321.1 | 317.0 | 309.0 | 305.0 | 297.0 | 288.9 |
| 72.5° | 417.4 | 417.4 | 417.4 | 413.4 | 409.3 | 401.3 | 397.3 | 389.3 | 381.3 | 369.2 | 361.2 |
| 70° | 497.6 | 497.6 | 497.6 | 493.6 | 485.6 | 481.6 | 473.6 | 465.5 | 457.5 | 445.5 | 433.4 |
| 67.5° | 577.9 | 577.9 | 577.9 | 569.9 | 565.9 | 561.8 | 553.8 | 541.8 | 533.8 | 521.7 | 505.7 |
| 65° | 654.1 | 654.1 | 650.1 | 646.1 | 642.1 | 634.1 | 626.1 | 618.0 | 606.0 | 594.0 | 577.9 |
| 62.5° | 730.4 | 730.4 | 726.4 | 722.4 | 718.4 | 710.3 | 698.3 | 690.3 | 674.2 | 662.2 | 646.1 |
| 60° | 794.6 | 794.6 | 790.6 | 786.6 | 782.6 | 774.5 | 766.5 | 754.5 | 742.4 | 730.4 | 714.3 |
| 57.5° | 862.8 | 862.8 | 858.8 | 854.8 | 846.8 | 838.8 | 830.7 | 818.7 | 802.6 | 786.6 | 774.5 |
| 55° | 939.1 | 939.1 | 935.1 | 927.0 | 919.0 | 911.0 | 899.0 | 882.9 | 866.8 | 850.8 | 830.7 |
| 52.5° | 1011.3 | 1011.3 | 1007.3 | 999.3 | 991.3 | 983.2 | 967.2 | 955.1 | 935.1 | 915.0 | 890.9 |
| 50° | 1099.6 | 1099.6 | 1091.6 | 1083.6 | 1075.5 | 1059.5 | 1043.4 | 1023.4 | 1003.3 | 979.2 | 959.2 |
| 47.5° | 1199.9 | 1199.9 | 1191.9 | 1183.9 | 1167.8 | 1151.8 | 1127.7 | 1103.6 | 1079.5 | 1051.5 | 1019.3 |
| 45° | 1340.4 | 1340.4 | 1328.4 | 1312.3 | 1292.2 | 1264.2 | 1232.0 | 1199.9 | 1163.8 | 1131.7 | 1095.6 |
| 42.5° | 1513.0 | 1513.0 | 1496.9 | 1476.9 | 1448.8 | 1412.6 | 1368.5 | 1324.4 | 1276.2 | 1224.0 | 1175.9 |
| 40° | 1693.6 | 1693.6 | 1673.5 | 1653.4 | 1621.3 | 1577.2 | 1529.0 | 1472.8 | 1412.6 | 1344.4 | 1284.2 |
| 37.5° | 1942.4 | 1942.4 | 1914.3 | 1878.2 | 1830.0 | 1769.8 | 1697.6 | 1633.4 | 1565.1 | 1488.9 | 1408.6 |
| 35° | 2311.6 | 2311.6 | 2267.5 | 2207.3 | 2131.0 | 2030.7 | 1922.3 | 1830.0 | 1725.7 | 1633.4 | 1545.1 |
| 32.5° | 2857.4 | 2857.4 | 2781.1 | 2692.8 | 2564.4 | 2403.9 | 2247.4 | 2098.9 | 1942.4 | 1809.9 | 1681.5 |
| 30° | 3716.2 | 3716.2 | 3587.8 | 3427.3 | 3210.6 | 2933.6 | 2700.9 | 2460.1 | 2231.3 | 2038.7 | 1862.1 |
| 27.5° | 5144.9 | 5084.7 | 4908.1 | 4615.2 | 4213.8 | 3716.2 | 3359.0 | 2953.7 | 2632.7 | 2319.6 | 2090.9 |
| 25° | 7552.8 | 7440.5 | 7107.4 | 6557.5 | 5815.1 | 4992.4 | 4342.3 | 3652.0 | 3162.4 | 2716.9 | 2359.8 |
| 22.5° | 11465.7 | 11261.0 | 10651.0 | 9655.7 | 8311.3 | 6995.0 | 5795.0 | 4731.5 | 3856.7 | 3234.6 | 2716.9 |
| 20° | 17421.3 | 17064.1 | 16012.6 | 14311.0 | 12015.5 | 9980.8 | 7841.8 | 6264.6 | 4864.0 | 3856.7 | 3162.4 |
| 17.5° | 26370.7 | 25752.6 | 23942.7 | 21025.1 | 17421.3 | 14106.4 | 10847.6 | 8251.1 | 6264.6 | 4731.5 | 3652.0 |
| 15° | 39758.7 | 38675.1 | 35512.7 | 30484.2 | 24709.2 | 19451.9 | 14824.7 | 10847.6 | 7841.8 | 5795.0 | 4342.3 |
| 12.5° | 62236.5 | 60045.3 | 53712.5 | 43836.1 | 34629.8 | 25989.4 | 19451.9 | 14106.4 | 9980.8 | 6995.0 | 4992.4 |
| 10° | 99374.6 | 94847.7 | 82009.5 | 62577.6 | 47797.1 | 34629.8 | 24709.2 | 17421.3 | 12015.5 | 8311.3 | 5815.1 |
| 7.5° | 159572.4 | 149856.5 | 123309.2 | 90589.7 | 62577.6 | 43836.1 | 30484.2 | 21025.1 | 14311.0 | 9655.7 | 6557.5 |
| 5° | 242601.3 | 223049.0 | 173967.7 | 123309.2 | 82009.5 | 53712.5 | 35512.7 | 23942.7 | 16012.6 | 10651.0 | 7107.4 |
| 2.5° | 324004.8 | 290306.0 | 223049.0 | 149856.5 | 94847.7 | 60045.3 | 38675.1 | 25752.6 | 17064.1 | 11261.0 | 7440.5 |
| 0° | 358955.6 | 324004.8 | 242601.3 | 159572.4 | 99374.6 | 62236.5 | 39758.7 | 26370.7 | 17421.3 | 11465.7 | 7552.8 |



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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° | 28.1 | 28.1 | 28.1 | 28.1 | 24.1 | 24.1 | 24.1 | 24.1 | 20.1 | 20.1 | 20.1 |
| 85° | 64.2 | 60.2 | 60.2 | 56.2 | 56.2 | 52.2 | 52.2 | 48.2 | 48.2 | 44.1 | 40.1 |
| 82.5° | 104.3 | 100.3 | 96.3 | 92.3 | 92.3 | 88.3 | 84.3 | 76.3 | 72.2 | 68.2 | 64.2 |
| 80° | 156.5 | 148.5 | 144.5 | 136.4 | 132.4 | 124.4 | 116.4 | 112.4 | 104.3 | 100.3 | 92.3 |
| 77.5° | 212.7 | 204.7 | 200.7 | 188.6 | 180.6 | 172.6 | 164.5 | 152.5 | 144.5 | 132.4 | 120.4 |
| 75° | 276.9 | 268.9 | 256.8 | 244.8 | 236.8 | 224.7 | 212.7 | 200.7 | 184.6 | 172.6 | 160.5 |
| 72.5° | 349.1 | 337.1 | 325.1 | 309.0 | 293.0 | 280.9 | 260.9 | 244.8 | 232.8 | 216.7 | 200.7 |
| 70° | 421.4 | 409.3 | 393.3 | 377.2 | 357.2 | 341.1 | 321.1 | 301.0 | 280.9 | 260.9 | 240.8 |
| 67.5° | 493.6 | 477.6 | 461.5 | 441.5 | 421.4 | 401.3 | 381.3 | 357.2 | 333.1 | 309.0 | 284.9 |
| 65° | 561.8 | 545.8 | 525.7 | 505.7 | 485.6 | 461.5 | 437.4 | 413.4 | 385.3 | 357.2 | 333.1 |
| 62.5° | 630.1 | 610.0 | 589.9 | 569.9 | 545.8 | 521.7 | 497.6 | 465.5 | 437.4 | 409.3 | 377.2 |
| 60° | 694.3 | 674.2 | 654.1 | 630.1 | 606.0 | 577.9 | 549.8 | 521.7 | 489.6 | 457.5 | 425.4 |
| 57.5° | 754.5 | 734.4 | 714.3 | 686.3 | 662.2 | 634.1 | 602.0 | 573.9 | 537.8 | 505.7 | 469.5 |
| 55° | 810.7 | 790.6 | 766.5 | 742.4 | 718.4 | 686.3 | 654.1 | 622.0 | 585.9 | 549.8 | 509.7 |
| 52.5° | 866.8 | 842.8 | 818.7 | 794.6 | 766.5 | 738.4 | 706.3 | 670.2 | 634.1 | 594.0 | 553.8 |
| 50° | 931.1 | 903.0 | 870.9 | 842.8 | 810.7 | 782.6 | 750.5 | 714.3 | 678.2 | 634.1 | 594.0 |
| 47.5° | 991.3 | 963.2 | 931.1 | 894.9 | 862.8 | 826.7 | 790.6 | 758.5 | 718.4 | 678.2 | 634.1 |
| 45° | 1059.5 | 1019.3 | 987.2 | 951.1 | 911.0 | 870.9 | 834.7 | 794.6 | 758.5 | 714.3 | 670.2 |
| 42.5° | 1131.7 | 1087.6 | 1043.4 | 999.3 | 963.2 | 919.0 | 874.9 | 834.7 | 790.6 | 750.5 | 706.3 |
| 40° | 1216.0 | 1163.8 | 1107.6 | 1059.5 | 1011.3 | 967.2 | 919.0 | 870.9 | 826.7 | 782.6 | 738.4 |
| 37.5° | 1324.4 | 1252.1 | 1179.9 | 1119.7 | 1063.5 | 1011.3 | 963.2 | 911.0 | 862.8 | 810.7 | 766.5 |
| 35° | 1452.8 | 1352.4 | 1268.2 | 1183.9 | 1119.7 | 1059.5 | 999.3 | 951.1 | 894.9 | 842.8 | 794.6 |
| 32.5° | 1581.2 | 1472.8 | 1364.5 | 1268.2 | 1179.9 | 1107.6 | 1043.4 | 987.2 | 931.1 | 870.9 | 818.7 |
| 30° | 1713.6 | 1593.2 | 1472.8 | 1352.4 | 1252.1 | 1163.8 | 1087.6 | 1019.3 | 963.2 | 903.0 | 842.8 |
| 27.5° | 1882.2 | 1713.6 | 1581.2 | 1452.8 | 1324.4 | 1216.0 | 1131.7 | 1059.5 | 991.3 | 931.1 | 866.8 |
| 25° | 2090.9 | 1862.1 | 1681.5 | 1545.1 | 1408.6 | 1284.2 | 1175.9 | 1095.6 | 1019.3 | 959.2 | 890.9 |
| 22.5° | 2319.6 | 2038.7 | 1809.9 | 1633.4 | 1488.9 | 1344.4 | 1224.0 | 1131.7 | 1051.5 | 979.2 | 915.0 |
| 20° | 2632.7 | 2231.3 | 1942.4 | 1725.7 | 1565.1 | 1412.6 | 1276.2 | 1163.8 | 1079.5 | 1003.3 | 935.1 |
| 17.5° | 2953.7 | 2460.1 | 2098.9 | 1830.0 | 1633.4 | 1472.8 | 1324.4 | 1199.9 | 1103.6 | 1023.4 | 955.1 |
| 15° | 3359.0 | 2700.9 | 2247.4 | 1922.3 | 1697.6 | 1529.0 | 1368.5 | 1232.0 | 1127.7 | 1043.4 | 967.2 |
| 12.5° | 3716.2 | 2933.6 | 2403.9 | 2030.7 | 1769.8 | 1577.2 | 1412.6 | 1264.2 | 1151.8 | 1059.5 | 983.2 |
| 10° | 4213.8 | 3210.6 | 2564.4 | 2131.0 | 1830.0 | 1621.3 | 1448.8 | 1292.2 | 1167.8 | 1075.5 | 991.3 |
| 7.5° | 4615.2 | 3427.3 | 2692.8 | 2207.3 | 1878.2 | 1653.4 | 1476.9 | 1312.3 | 1183.9 | 1083.6 | 999.3 |
| 5° | 4908.1 | 3587.8 | 2781.1 | 2267.5 | 1914.3 | 1673.5 | 1496.9 | 1328.4 | 1191.9 | 1091.6 | 1007.3 |
| 2.5° | 5084.7 | 3716.2 | 2857.4 | 2311.6 | 1942.4 | 1693.6 | 1513.0 | 1340.4 | 1199.9 | 1099.6 | 1011.3 |
| 0° | 5144.9 | 3716.2 | 2857.4 | 2311.6 | 1942.4 | 1693.6 | 1513.0 | 1340.4 | 1199.9 | 1099.6 | 1011.3 |



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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° | 20.1 | 16.1 | 16.1 | 16.1 | 12.0 | 12.0 | 12.0 | 8.0 | 8.0 | 8.0 | 4.0 |
| 85° | 36.1 | 36.1 | 32.1 | 28.1 | 28.1 | 24.1 | 20.1 | 20.1 | 16.1 | 12.0 | 12.0 |
| 82.5° | 60.2 | 56.2 | 52.2 | 48.2 | 44.1 | 36.1 | 32.1 | 28.1 | 24.1 | 20.1 | 16.1 |
| 80° | 84.3 | 80.3 | 72.2 | 64.2 | 60.2 | 52.2 | 48.2 | 40.1 | 32.1 | 28.1 | 24.1 |
| 77.5° | 112.4 | 104.3 | 96.3 | 88.3 | 76.3 | 68.2 | 60.2 | 52.2 | 44.1 | 36.1 | 28.1 |
| 75° | 148.5 | 132.4 | 120.4 | 108.4 | 96.3 | 84.3 | 72.2 | 64.2 | 52.2 | 44.1 | 32.1 |
| 72.5° | 184.6 | 168.6 | 148.5 | 132.4 | 116.4 | 104.3 | 88.3 | 76.3 | 64.2 | 52.2 | 40.1 |
| 70° | 220.7 | 200.7 | 180.6 | 160.5 | 140.5 | 120.4 | 104.3 | 88.3 | 72.2 | 60.2 | 48.2 |
| 67.5° | 256.8 | 236.8 | 212.7 | 188.6 | 168.6 | 144.5 | 120.4 | 104.3 | 84.3 | 68.2 | 52.2 |
| 65° | 301.0 | 272.9 | 244.8 | 220.7 | 192.6 | 168.6 | 140.5 | 116.4 | 96.3 | 76.3 | 60.2 |
| 62.5° | 345.1 | 313.0 | 280.9 | 248.8 | 220.7 | 188.6 | 160.5 | 132.4 | 108.4 | 88.3 | 64.2 |
| 60° | 389.3 | 353.2 | 317.0 | 280.9 | 244.8 | 212.7 | 180.6 | 148.5 | 120.4 | 96.3 | 72.2 |
| 57.5° | 433.4 | 393.3 | 353.2 | 313.0 | 272.9 | 236.8 | 200.7 | 168.6 | 132.4 | 104.3 | 80.3 |
| 55° | 473.6 | 433.4 | 389.3 | 345.1 | 301.0 | 256.8 | 220.7 | 184.6 | 148.5 | 112.4 | 84.3 |
| 52.5° | 509.7 | 469.5 | 425.4 | 377.2 | 333.1 | 284.9 | 240.8 | 200.7 | 160.5 | 120.4 | 92.3 |
| 50° | 549.8 | 505.7 | 457.5 | 409.3 | 357.2 | 309.0 | 260.9 | 216.7 | 172.6 | 132.4 | 100.3 |
| 47.5° | 585.9 | 537.8 | 489.6 | 437.4 | 385.3 | 333.1 | 280.9 | 232.8 | 184.6 | 144.5 | 104.3 |
| 45° | 622.0 | 573.9 | 521.7 | 465.5 | 413.4 | 357.2 | 301.0 | 244.8 | 200.7 | 152.5 | 112.4 |
| 42.5° | 654.1 | 602.0 | 549.8 | 497.6 | 437.4 | 381.3 | 321.1 | 260.9 | 212.7 | 164.5 | 116.4 |
| 40° | 686.3 | 634.1 | 577.9 | 521.7 | 461.5 | 401.3 | 341.1 | 280.9 | 224.7 | 172.6 | 124.4 |
| 37.5° | 718.4 | 662.2 | 606.0 | 545.8 | 485.6 | 421.4 | 357.2 | 293.0 | 236.8 | 180.6 | 132.4 |
| 35° | 742.4 | 686.3 | 630.1 | 569.9 | 505.7 | 441.5 | 377.2 | 309.0 | 244.8 | 188.6 | 136.4 |
| 32.5° | 766.5 | 714.3 | 654.1 | 589.9 | 525.7 | 461.5 | 393.3 | 325.1 | 256.8 | 200.7 | 144.5 |
| 30° | 790.6 | 734.4 | 674.2 | 610.0 | 545.8 | 477.6 | 409.3 | 337.1 | 268.9 | 204.7 | 148.5 |
| 27.5° | 810.7 | 754.5 | 694.3 | 630.1 | 561.8 | 493.6 | 421.4 | 349.1 | 276.9 | 212.7 | 156.5 |
| 25° | 830.7 | 774.5 | 714.3 | 646.1 | 577.9 | 505.7 | 433.4 | 361.2 | 288.9 | 220.7 | 160.5 |
| 22.5° | 850.8 | 786.6 | 730.4 | 662.2 | 594.0 | 521.7 | 445.5 | 369.2 | 297.0 | 224.7 | 164.5 |
| 20° | 866.8 | 802.6 | 742.4 | 674.2 | 606.0 | 533.8 | 457.5 | 381.3 | 305.0 | 232.8 | 168.6 |
| 17.5° | 882.9 | 818.7 | 754.5 | 690.3 | 618.0 | 541.8 | 465.5 | 389.3 | 309.0 | 236.8 | 172.6 |
| 15° | 899.0 | 830.7 | 766.5 | 698.3 | 626.1 | 553.8 | 473.6 | 397.3 | 317.0 | 240.8 | 176.6 |
| 12.5° | 911.0 | 838.8 | 774.5 | 710.3 | 634.1 | 561.8 | 481.6 | 401.3 | 321.1 | 244.8 | 176.6 |
| 10° | 919.0 | 846.8 | 782.6 | 718.4 | 642.1 | 565.9 | 485.6 | 409.3 | 325.1 | 248.8 | 180.6 |
| 7.5° | 927.0 | 854.8 | 786.6 | 722.4 | 646.1 | 569.9 | 493.6 | 413.4 | 329.1 | 248.8 | 184.6 |
| 5° | 935.1 | 858.8 | 790.6 | 726.4 | 650.1 | 577.9 | 497.6 | 417.4 | 333.1 | 252.8 | 184.6 |
| 2.5° | 939.1 | 862.8 | 794.6 | 730.4 | 654.1 | 577.9 | 497.6 | 417.4 | 333.1 | 252.8 | 184.6 |
| 0° | 939.1 | 862.8 | 794.6 | 730.4 | 654.1 | 577.9 | 497.6 | 417.4 | 333.1 | 252.8 | 184.6 |



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 CATALOG NUMBER: IFLD-L-SA7C-727-U-33

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.0 | 4.0 | 0.0 | 0.0 |
| 85° | 8.0 | 4.0 | 4.0 | 0.0 |
| 82.5° | 12.0 | 8.0 | 4.0 | 0.0 |
| 80° | 16.1 | 12.0 | 4.0 | 0.0 |
| 77.5° | 20.1 | 12.0 | 8.0 | 0.0 |
| 75° | 24.1 | 16.1 | 8.0 | 0.0 |
| 72.5° | 28.1 | 20.1 | 8.0 | 0.0 |
| 70° | 32.1 | 20.1 | 12.0 | 0.0 |
| 67.5° | 36.1 | 24.1 | 12.0 | 0.0 |
| 65° | 44.1 | 28.1 | 12.0 | 0.0 |
| 62.5° | 48.2 | 28.1 | 16.1 | 0.0 |
| 60° | 52.2 | 32.1 | 16.1 | 0.0 |
| 57.5° | 56.2 | 36.1 | 16.1 | 0.0 |
| 55° | 60.2 | 36.1 | 20.1 | 0.0 |
| 52.5° | 64.2 | 40.1 | 20.1 | 0.0 |
| 50° | 68.2 | 44.1 | 20.1 | 0.0 |
| 47.5° | 72.2 | 48.2 | 20.1 | 0.0 |
| 45° | 76.3 | 48.2 | 24.1 | 0.0 |
| 42.5° | 84.3 | 52.2 | 24.1 | 0.0 |
| 40° | 88.3 | 52.2 | 24.1 | 0.0 |
| 37.5° | 92.3 | 56.2 | 24.1 | 0.0 |
| 35° | 92.3 | 56.2 | 28.1 | 0.0 |
| 32.5° | 96.3 | 60.2 | 28.1 | 0.0 |
| 30° | 100.3 | 60.2 | 28.1 | 0.0 |
| 27.5° | 104.3 | 64.2 | 28.1 | 0.0 |
| 25° | 108.4 | 64.2 | 28.1 | 0.0 |
| 22.5° | 108.4 | 64.2 | 28.1 | 0.0 |
| 20° | 112.4 | 68.2 | 32.1 | 0.0 |
| 17.5° | 112.4 | 68.2 | 32.1 | 0.0 |
| 15° | 116.4 | 68.2 | 32.1 | 0.0 |
| 12.5° | 116.4 | 72.2 | 32.1 | 0.0 |
| 10° | 116.4 | 72.2 | 32.1 | 0.0 |
| 7.5° | 120.4 | 72.2 | 32.1 | 0.0 |
| 5° | 120.4 | 72.2 | 32.1 | 0.0 |
| 2.5° | 120.4 | 72.2 | 32.1 | 0.0 |
| 0° | 120.4 | 72.2 | 32.1 | 0.0 |

(END OF REPORT)