

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: P723341

Luminaire Tested: **IFLD-L-SA8C-740-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723341
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-740-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

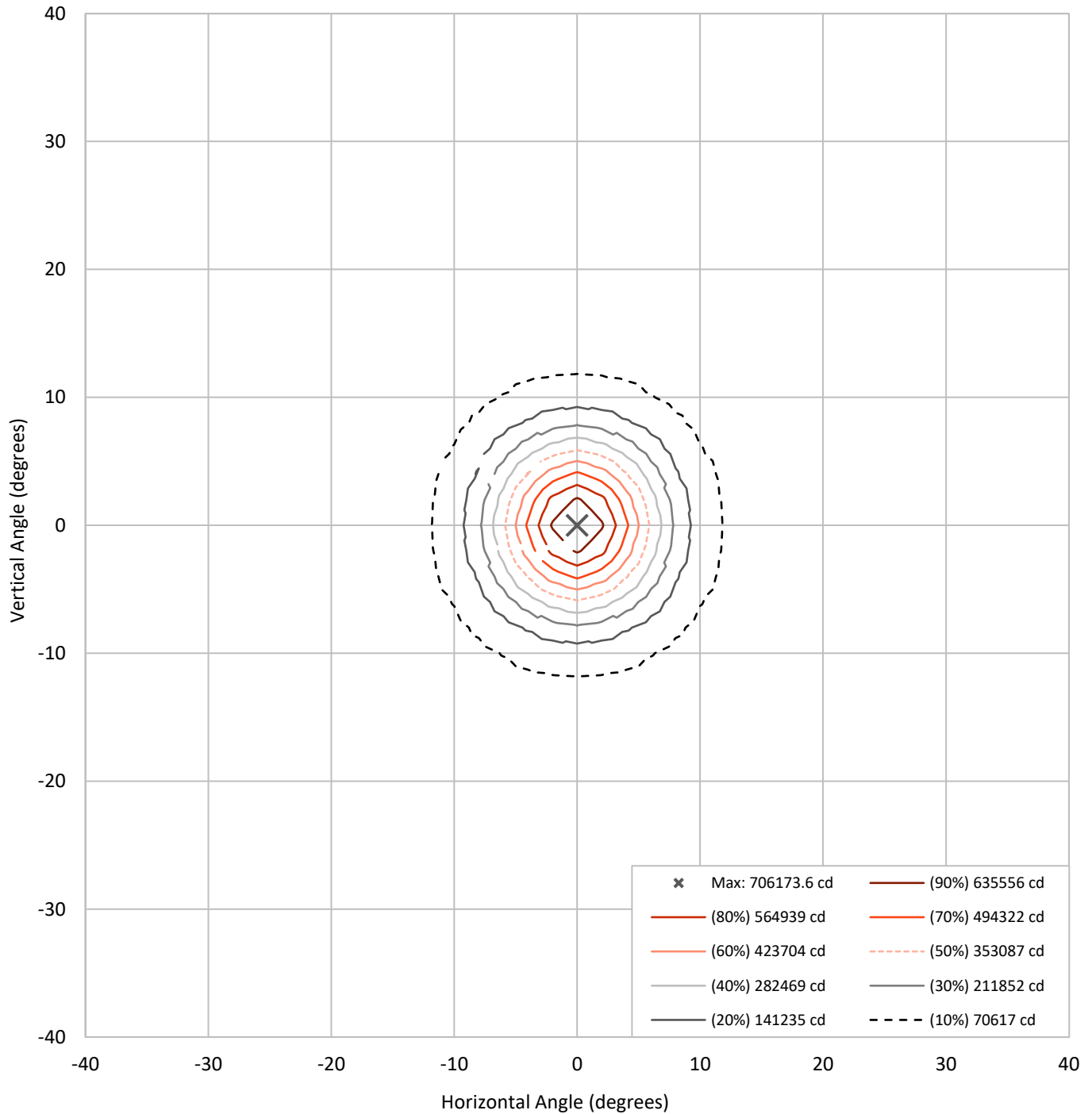
| | | | |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 47287.2 lumens | Max Intensity: | 706173.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 112.5 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 11.8°H x 11.8°V | Field Angle (10%): | 23.7°H x 23.7°V |
| Beam Lumens: | 11454.6 lumens | Field Lumens: | 24616.2 lumens |
| Beam Efficiency: | 24.2% | Field Efficiency: | 52.1% |

Input Watts (W): 420.3
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: 28.75 FT



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Iso-Candela Plot





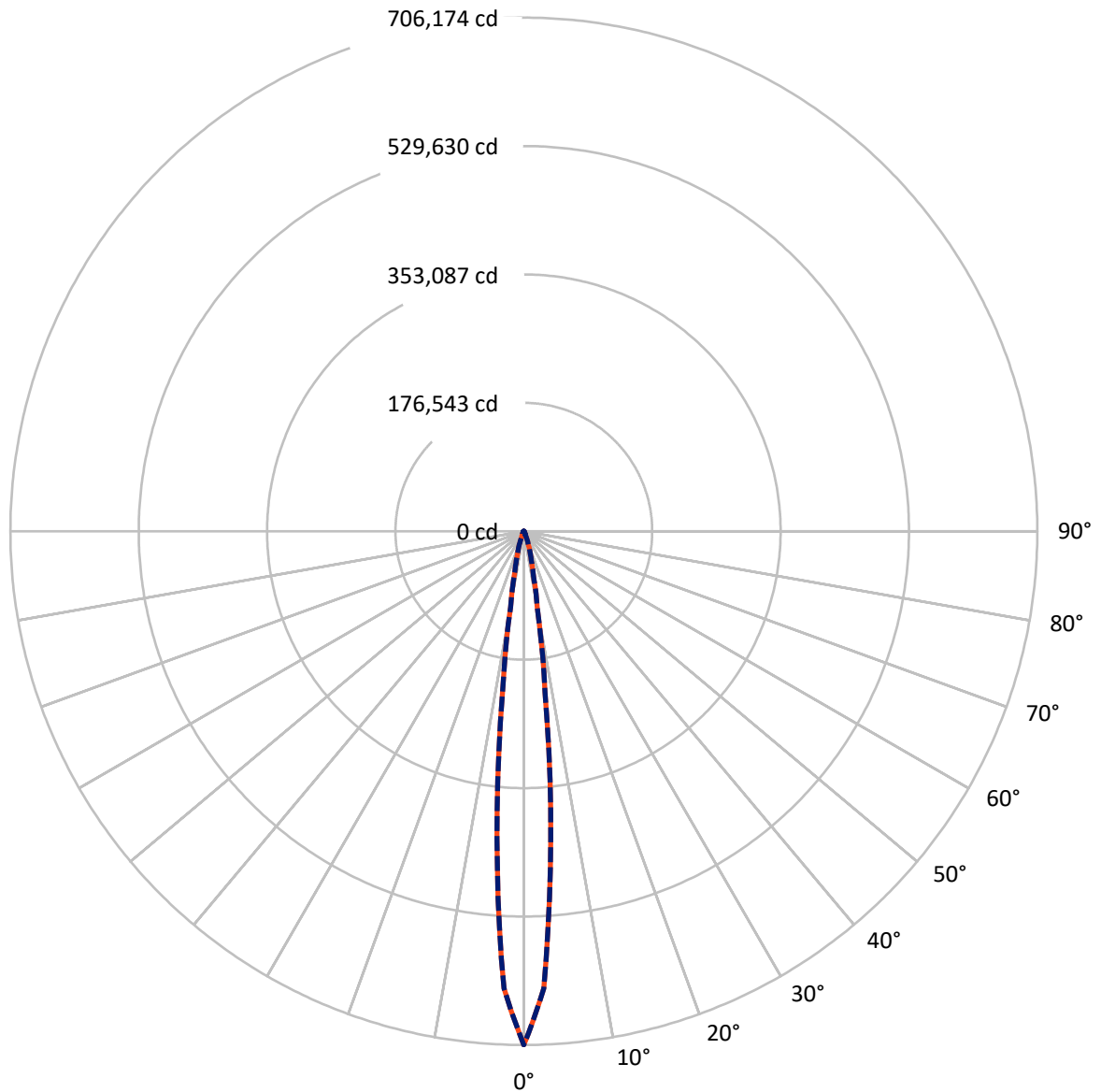
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|----|----|----|
| 90 | 1.5 | 10.0 | | 22.7 | | 34.1 | | 38.8 | | 34.1 | | 22.7 | | 10.0 | | 1.5 | | | |
| 80 | 1.5 | 10.0 | | 22.7 | | 34.1 | | 38.8 | | 34.1 | | 22.7 | | 10.0 | | 1.5 | | | |
| 70 | 4.5 | 4.2 | 7.8 | 12.1 | 16.3 | 19.7 | 22.1 | 23.3 | 23.3 | 22.1 | 19.7 | 16.3 | 12.1 | 7.8 | 4.2 | 4.5 | | | |
| 60 | | 5.8 | 10.9 | 16.2 | 20.5 | 23.6 | 25.8 | 26.9 | 26.9 | 25.8 | 23.6 | 20.5 | 16.2 | 10.9 | 5.8 | | | | |
| 50 | 6.7 | 7.3 | 13.2 | 18.2 | 22.2 | 26.0 | 29.7 | 32.3 | 32.3 | 29.7 | 26.0 | 22.2 | 18.2 | 13.2 | 7.3 | 6.7 | | | |
| 40 | | 8.5 | 14.4 | 19.2 | 24.6 | 33.1 | 42.3 | 48.6 | 48.6 | 42.3 | 33.1 | 24.6 | 19.2 | 14.4 | 8.5 | | | | |
| 30 | 8.3 | 9.3 | 15.0 | 20.3 | 30.0 | 45.6 | 86.4 | 165.4 | 165.4 | 86.4 | 45.6 | 30.0 | 20.3 | 15.0 | 9.3 | 8.3 | | | |
| 20 | | 9.7 | 15.3 | 21.8 | 35.9 | 81.5 | 400.0 | 1117.6 | 1117.6 | 400.0 | 81.5 | 35.9 | 21.8 | 15.3 | 9.7 | | | | |
| 10 | 8.9 | 9.9 | 15.5 | 23.1 | 40.1 | 152.1 | 1089.3 | 7751.7 | 7751.7 | 1089.3 | 152.1 | 40.1 | 23.1 | 15.5 | 9.9 | 8.9 | | | |
| 0 | | 9.9 | 15.5 | 23.1 | 40.1 | 152.1 | 1089.3 | 7751.7 | 7751.7 | 1089.3 | 152.1 | 40.1 | 23.1 | 15.5 | 9.9 | | | | |
| -10 | 8.3 | 9.7 | 15.3 | 21.8 | 35.9 | 81.5 | 400.0 | 1117.6 | 1117.6 | 400.0 | 81.5 | 35.9 | 21.8 | 15.3 | 9.7 | 8.3 | | | |
| -20 | | 9.3 | 15.0 | 20.3 | 30.0 | 45.6 | 86.4 | 165.4 | 165.4 | 86.4 | 45.6 | 30.0 | 20.3 | 15.0 | 9.3 | | | | |
| -30 | 6.7 | 8.5 | 14.4 | 19.2 | 24.6 | 33.1 | 42.3 | 48.6 | 48.6 | 42.3 | 33.1 | 24.6 | 19.2 | 14.4 | 8.5 | 6.7 | | | |
| -40 | | 7.3 | 13.2 | 18.2 | 22.2 | 26.0 | 29.7 | 32.3 | 32.3 | 29.7 | 26.0 | 22.2 | 18.2 | 13.2 | 7.3 | | | | |
| -50 | 4.5 | 5.8 | 10.9 | 16.2 | 20.5 | 23.6 | 25.8 | 26.9 | 26.9 | 25.8 | 23.6 | 20.5 | 16.2 | 10.9 | 5.8 | 4.5 | | | |
| -60 | | 4.2 | 7.8 | 12.1 | 16.3 | 19.7 | 22.1 | 23.3 | 23.3 | 22.1 | 19.7 | 16.3 | 12.1 | 7.8 | 4.2 | | | | |
| -70 | 1.5 | 10.0 | | 22.7 | | 34.1 | | 38.8 | | 34.1 | | 22.7 | | 10.0 | | 1.5 | | | |
| -80 | | 10.0 | | 22.7 | | 34.1 | | 38.8 | | 34.1 | | 22.7 | | 10.0 | | | | | |
| -90 | 1.5 | 10.0 | | 22.7 | | 34.1 | | 38.8 | | 34.1 | | 22.7 | | 10.0 | | 1.5 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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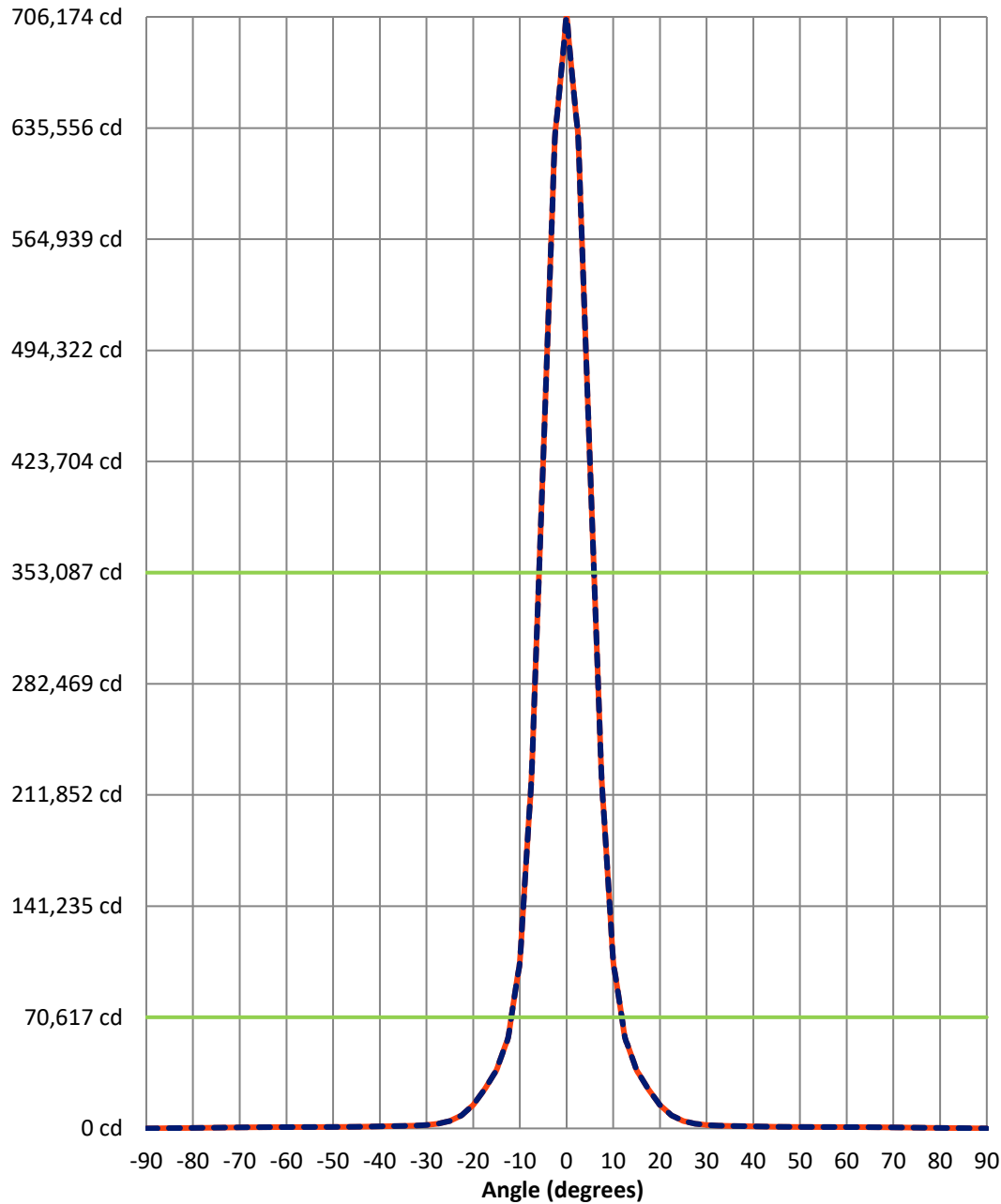
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 11.8°
 V Angle: 11.8°
 Lumens: 11454.6
 Efficiency: 24.2%

Field:
 H Angle: 23.7°
 V Angle: 23.7°
 Lumens: 24616.2
 Efficiency: 52.1%

Spill:
 Lumens: 22671
 Efficiency: 47.9%

- 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° | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 62.8 | 62.8 | 62.8 |
| 85° | 181.5 | 181.5 | 181.5 | 181.5 | 181.5 | 174.5 | 174.5 | 174.5 | 167.5 | 167.5 | 160.5 |
| 82.5° | 244.3 | 244.3 | 244.3 | 244.3 | 244.3 | 237.3 | 237.3 | 237.3 | 230.3 | 230.3 | 223.3 |
| 80° | 314.1 | 314.1 | 314.1 | 314.1 | 307.1 | 307.1 | 307.1 | 300.1 | 300.1 | 293.1 | 286.1 |
| 77.5° | 390.8 | 390.8 | 390.8 | 390.8 | 383.8 | 383.8 | 376.9 | 369.9 | 369.9 | 362.9 | 355.9 |
| 75° | 474.6 | 474.6 | 474.6 | 467.6 | 467.6 | 460.6 | 453.6 | 453.6 | 446.7 | 432.7 | 425.7 |
| 72.5° | 565.3 | 565.3 | 565.3 | 558.3 | 558.3 | 551.3 | 544.4 | 537.4 | 523.4 | 516.4 | 502.5 |
| 70° | 656.0 | 656.0 | 656.0 | 649.1 | 642.1 | 635.1 | 628.1 | 621.1 | 607.2 | 600.2 | 586.2 |
| 67.5° | 725.8 | 725.8 | 725.8 | 718.8 | 718.8 | 711.9 | 704.9 | 697.9 | 683.9 | 677.0 | 663.0 |
| 65° | 781.7 | 781.7 | 781.7 | 774.7 | 774.7 | 767.7 | 760.7 | 753.7 | 746.8 | 739.8 | 725.8 |
| 62.5° | 823.5 | 823.5 | 823.5 | 816.5 | 816.5 | 809.6 | 809.6 | 802.6 | 795.6 | 788.6 | 774.7 |
| 60° | 844.5 | 844.5 | 844.5 | 844.5 | 837.5 | 837.5 | 837.5 | 830.5 | 830.5 | 823.5 | 816.5 |
| 57.5° | 872.4 | 872.4 | 872.4 | 872.4 | 865.4 | 865.4 | 858.4 | 851.4 | 851.4 | 844.5 | 837.5 |
| 55° | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 879.4 | 879.4 | 879.4 | 872.4 | 865.4 | 858.4 |
| 52.5° | 907.3 | 907.3 | 907.3 | 907.3 | 900.3 | 900.3 | 893.3 | 893.3 | 886.3 | 879.4 | 879.4 |
| 50° | 935.2 | 935.2 | 935.2 | 928.2 | 928.2 | 921.2 | 914.3 | 907.3 | 907.3 | 900.3 | 893.3 |
| 47.5° | 977.1 | 977.1 | 977.1 | 970.1 | 963.1 | 956.1 | 949.1 | 935.2 | 928.2 | 921.2 | 907.3 |
| 45° | 1039.9 | 1039.9 | 1032.9 | 1025.9 | 1018.9 | 1005.0 | 991.0 | 977.1 | 963.1 | 949.1 | 935.2 |
| 42.5° | 1165.5 | 1165.5 | 1151.5 | 1137.6 | 1116.6 | 1088.7 | 1060.8 | 1032.9 | 1012.0 | 991.0 | 970.1 |
| 40° | 1312.1 | 1312.1 | 1298.1 | 1277.2 | 1249.2 | 1221.3 | 1179.5 | 1137.6 | 1095.7 | 1039.9 | 1012.0 |
| 37.5° | 1458.6 | 1458.6 | 1444.7 | 1423.7 | 1395.8 | 1353.9 | 1312.1 | 1263.2 | 1207.4 | 1144.6 | 1088.7 |
| 35° | 1570.3 | 1570.3 | 1556.3 | 1542.4 | 1514.5 | 1486.5 | 1444.7 | 1395.8 | 1333.0 | 1263.2 | 1193.4 |
| 32.5° | 1765.7 | 1765.7 | 1737.8 | 1702.9 | 1661.0 | 1605.2 | 1549.3 | 1507.5 | 1458.6 | 1381.8 | 1305.1 |
| 30° | 2163.5 | 2163.5 | 2100.7 | 2030.9 | 1926.2 | 1800.6 | 1709.9 | 1626.1 | 1549.3 | 1486.5 | 1409.8 |
| 27.5° | 3001.0 | 2966.1 | 2861.4 | 2686.9 | 2456.6 | 2163.5 | 1996.0 | 1807.6 | 1681.9 | 1570.3 | 1500.5 |
| 25° | 4731.8 | 4648.0 | 4410.7 | 4019.9 | 3482.5 | 2910.3 | 2533.4 | 2135.6 | 1905.3 | 1716.8 | 1591.2 |
| 22.5° | 8277.1 | 8088.7 | 7537.4 | 6637.1 | 5415.7 | 4327.0 | 3468.6 | 2756.7 | 2247.2 | 1940.2 | 1716.8 |
| 20° | 14879.3 | 14488.5 | 13316.0 | 11431.7 | 8891.3 | 6930.2 | 4997.0 | 3803.6 | 2833.5 | 2247.2 | 1905.3 |
| 17.5° | 25026.8 | 24328.9 | 22270.1 | 18969.0 | 14879.3 | 11201.4 | 7718.8 | 5366.9 | 3803.6 | 2756.7 | 2135.6 |
| 15° | 37086.6 | 36109.5 | 33262.1 | 28732.7 | 23142.5 | 17182.4 | 11997.0 | 7718.8 | 4997.0 | 3468.6 | 2533.4 |
| 12.5° | 57800.4 | 55783.4 | 49942.0 | 40841.3 | 32466.5 | 24594.1 | 17182.4 | 11201.4 | 6930.2 | 4327.0 | 2910.3 |
| 10° | 106053.4 | 100170.1 | 83490.2 | 58240.0 | 44491.3 | 32466.5 | 23142.5 | 14879.3 | 8891.3 | 5415.7 | 3482.5 |
| 7.5° | 223154.6 | 197004.2 | 142211.8 | 94635.7 | 58240.0 | 40841.3 | 28732.7 | 18969.0 | 11431.7 | 6637.1 | 4019.9 |
| 5° | 424346.2 | 370928.7 | 255565.3 | 142211.8 | 83490.2 | 49942.0 | 33262.1 | 22270.1 | 13316.0 | 7537.4 | 4410.7 |
| 2.5° | 629069.2 | 555224.1 | 370928.7 | 197004.2 | 100170.1 | 55783.4 | 36109.5 | 24328.9 | 14488.5 | 8088.7 | 4648.0 |
| 0° | 706173.6 | 629069.2 | 424346.2 | 223154.6 | 106053.4 | 57800.4 | 37086.6 | 25026.8 | 14879.3 | 8277.1 | 4731.8 |



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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° | 62.8 | 62.8 | 55.8 | 55.8 | 55.8 | 55.8 | 48.9 | 48.9 | 48.9 | 41.9 | 41.9 |
| 85° | 153.5 | 153.5 | 146.6 | 139.6 | 132.6 | 132.6 | 125.6 | 118.6 | 111.7 | 104.7 | 90.7 |
| 82.5° | 223.3 | 216.4 | 216.4 | 209.4 | 202.4 | 202.4 | 195.4 | 188.4 | 181.5 | 174.5 | 160.5 |
| 80° | 279.2 | 279.2 | 272.2 | 265.2 | 258.2 | 251.2 | 237.3 | 230.3 | 223.3 | 216.4 | 209.4 |
| 77.5° | 349.0 | 342.0 | 328.0 | 321.0 | 314.1 | 300.1 | 293.1 | 279.2 | 272.2 | 258.2 | 244.3 |
| 75° | 418.7 | 404.8 | 397.8 | 383.8 | 369.9 | 355.9 | 342.0 | 328.0 | 314.1 | 300.1 | 286.1 |
| 72.5° | 488.5 | 474.6 | 467.6 | 446.7 | 432.7 | 418.7 | 397.8 | 383.8 | 369.9 | 349.0 | 328.0 |
| 70° | 572.3 | 558.3 | 537.4 | 523.4 | 502.5 | 481.6 | 460.6 | 439.7 | 418.7 | 397.8 | 376.9 |
| 67.5° | 649.1 | 635.1 | 614.2 | 593.2 | 572.3 | 551.3 | 523.4 | 502.5 | 474.6 | 446.7 | 425.7 |
| 65° | 711.9 | 697.9 | 683.9 | 663.0 | 642.1 | 614.2 | 586.2 | 558.3 | 530.4 | 502.5 | 474.6 |
| 62.5° | 760.7 | 746.8 | 732.8 | 718.8 | 697.9 | 677.0 | 656.0 | 621.1 | 593.2 | 558.3 | 523.4 |
| 60° | 802.6 | 795.6 | 781.7 | 760.7 | 746.8 | 725.8 | 704.9 | 677.0 | 649.1 | 607.2 | 572.3 |
| 57.5° | 830.5 | 823.5 | 816.5 | 802.6 | 788.6 | 767.7 | 746.8 | 718.8 | 690.9 | 663.0 | 621.1 |
| 55° | 851.4 | 844.5 | 837.5 | 830.5 | 816.5 | 802.6 | 781.7 | 760.7 | 732.8 | 704.9 | 670.0 |
| 52.5° | 872.4 | 865.4 | 851.4 | 844.5 | 837.5 | 823.5 | 809.6 | 788.6 | 767.7 | 739.8 | 704.9 |
| 50° | 886.3 | 879.4 | 872.4 | 865.4 | 851.4 | 837.5 | 830.5 | 816.5 | 795.6 | 767.7 | 739.8 |
| 47.5° | 900.3 | 893.3 | 886.3 | 879.4 | 872.4 | 858.4 | 844.5 | 830.5 | 816.5 | 795.6 | 767.7 |
| 45° | 921.2 | 907.3 | 900.3 | 886.3 | 879.4 | 872.4 | 858.4 | 844.5 | 830.5 | 816.5 | 788.6 |
| 42.5° | 949.1 | 928.2 | 921.2 | 907.3 | 893.3 | 886.3 | 872.4 | 858.4 | 844.5 | 830.5 | 809.6 |
| 40° | 984.0 | 963.1 | 942.2 | 921.2 | 907.3 | 893.3 | 886.3 | 872.4 | 858.4 | 837.5 | 823.5 |
| 37.5° | 1032.9 | 998.0 | 970.1 | 942.2 | 921.2 | 907.3 | 893.3 | 879.4 | 872.4 | 851.4 | 837.5 |
| 35° | 1123.6 | 1046.9 | 1005.0 | 970.1 | 942.2 | 921.2 | 907.3 | 886.3 | 879.4 | 865.4 | 844.5 |
| 32.5° | 1221.3 | 1137.6 | 1053.8 | 1005.0 | 970.1 | 942.2 | 921.2 | 900.3 | 886.3 | 872.4 | 851.4 |
| 30° | 1326.0 | 1228.3 | 1137.6 | 1046.9 | 998.0 | 963.1 | 928.2 | 907.3 | 893.3 | 879.4 | 865.4 |
| 27.5° | 1423.7 | 1326.0 | 1221.3 | 1123.6 | 1032.9 | 984.0 | 949.1 | 921.2 | 900.3 | 886.3 | 872.4 |
| 25° | 1500.5 | 1409.8 | 1305.1 | 1193.4 | 1088.7 | 1012.0 | 970.1 | 935.2 | 907.3 | 893.3 | 879.4 |
| 22.5° | 1570.3 | 1486.5 | 1381.8 | 1263.2 | 1144.6 | 1039.9 | 991.0 | 949.1 | 921.2 | 900.3 | 879.4 |
| 20° | 1681.9 | 1549.3 | 1458.6 | 1333.0 | 1207.4 | 1095.7 | 1012.0 | 963.1 | 928.2 | 907.3 | 886.3 |
| 17.5° | 1807.6 | 1626.1 | 1507.5 | 1395.8 | 1263.2 | 1137.6 | 1032.9 | 977.1 | 935.2 | 907.3 | 893.3 |
| 15° | 1996.0 | 1709.9 | 1549.3 | 1444.7 | 1312.1 | 1179.5 | 1060.8 | 991.0 | 949.1 | 914.3 | 893.3 |
| 12.5° | 2163.5 | 1800.6 | 1605.2 | 1486.5 | 1353.9 | 1221.3 | 1088.7 | 1005.0 | 956.1 | 921.2 | 900.3 |
| 10° | 2456.6 | 1926.2 | 1661.0 | 1514.5 | 1395.8 | 1249.2 | 1116.6 | 1018.9 | 963.1 | 928.2 | 900.3 |
| 7.5° | 2686.9 | 2030.9 | 1702.9 | 1542.4 | 1423.7 | 1277.2 | 1137.6 | 1025.9 | 970.1 | 928.2 | 907.3 |
| 5° | 2861.4 | 2100.7 | 1737.8 | 1556.3 | 1444.7 | 1298.1 | 1151.5 | 1032.9 | 977.1 | 935.2 | 907.3 |
| 2.5° | 2966.1 | 2163.5 | 1765.7 | 1570.3 | 1458.6 | 1312.1 | 1165.5 | 1039.9 | 977.1 | 935.2 | 907.3 |
| 0° | 3001.0 | 2163.5 | 1765.7 | 1570.3 | 1458.6 | 1312.1 | 1165.5 | 1039.9 | 977.1 | 935.2 | 907.3 |



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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° | 41.9 | 34.9 | 34.9 | 34.9 | 27.9 | 27.9 | 20.9 | 20.9 | 20.9 | 14.0 | 14.0 |
| 85° | 83.7 | 76.8 | 69.8 | 62.8 | 55.8 | 55.8 | 48.9 | 41.9 | 34.9 | 27.9 | 20.9 |
| 82.5° | 146.6 | 139.6 | 125.6 | 111.7 | 97.7 | 83.7 | 69.8 | 62.8 | 55.8 | 41.9 | 34.9 |
| 80° | 202.4 | 188.4 | 181.5 | 160.5 | 146.6 | 125.6 | 111.7 | 90.7 | 69.8 | 62.8 | 48.9 |
| 77.5° | 237.3 | 223.3 | 209.4 | 202.4 | 188.4 | 167.5 | 146.6 | 125.6 | 104.7 | 76.8 | 62.8 |
| 75° | 272.2 | 258.2 | 244.3 | 230.3 | 216.4 | 195.4 | 181.5 | 160.5 | 132.6 | 104.7 | 69.8 |
| 72.5° | 314.1 | 293.1 | 279.2 | 258.2 | 237.3 | 223.3 | 202.4 | 188.4 | 160.5 | 125.6 | 90.7 |
| 70° | 355.9 | 335.0 | 307.1 | 286.1 | 265.2 | 244.3 | 223.3 | 202.4 | 181.5 | 146.6 | 111.7 |
| 67.5° | 397.8 | 369.9 | 349.0 | 321.0 | 293.1 | 272.2 | 244.3 | 223.3 | 195.4 | 167.5 | 125.6 |
| 65° | 439.7 | 411.8 | 383.8 | 355.9 | 321.0 | 293.1 | 265.2 | 237.3 | 216.4 | 188.4 | 146.6 |
| 62.5° | 488.5 | 453.6 | 418.7 | 383.8 | 355.9 | 321.0 | 286.1 | 258.2 | 230.3 | 202.4 | 160.5 |
| 60° | 537.4 | 495.5 | 453.6 | 418.7 | 383.8 | 349.0 | 307.1 | 279.2 | 244.3 | 209.4 | 181.5 |
| 57.5° | 579.3 | 537.4 | 495.5 | 453.6 | 411.8 | 369.9 | 335.0 | 293.1 | 258.2 | 223.3 | 188.4 |
| 55° | 628.1 | 579.3 | 537.4 | 488.5 | 439.7 | 397.8 | 355.9 | 314.1 | 272.2 | 237.3 | 202.4 |
| 52.5° | 670.0 | 621.1 | 572.3 | 523.4 | 474.6 | 425.7 | 376.9 | 328.0 | 286.1 | 244.3 | 209.4 |
| 50° | 704.9 | 663.0 | 607.2 | 558.3 | 502.5 | 446.7 | 397.8 | 349.0 | 300.1 | 258.2 | 216.4 |
| 47.5° | 732.8 | 690.9 | 649.1 | 593.2 | 530.4 | 474.6 | 418.7 | 369.9 | 314.1 | 272.2 | 223.3 |
| 45° | 760.7 | 718.8 | 677.0 | 621.1 | 558.3 | 502.5 | 439.7 | 383.8 | 328.0 | 279.2 | 230.3 |
| 42.5° | 781.7 | 746.8 | 704.9 | 656.0 | 586.2 | 523.4 | 460.6 | 397.8 | 342.0 | 293.1 | 237.3 |
| 40° | 802.6 | 767.7 | 725.8 | 677.0 | 614.2 | 551.3 | 481.6 | 418.7 | 355.9 | 300.1 | 251.2 |
| 37.5° | 816.5 | 788.6 | 746.8 | 697.9 | 642.1 | 572.3 | 502.5 | 432.7 | 369.9 | 314.1 | 258.2 |
| 35° | 830.5 | 802.6 | 760.7 | 718.8 | 663.0 | 593.2 | 523.4 | 446.7 | 383.8 | 321.0 | 265.2 |
| 32.5° | 837.5 | 816.5 | 781.7 | 732.8 | 683.9 | 614.2 | 537.4 | 467.6 | 397.8 | 328.0 | 272.2 |
| 30° | 844.5 | 823.5 | 795.6 | 746.8 | 697.9 | 635.1 | 558.3 | 474.6 | 404.8 | 342.0 | 279.2 |
| 27.5° | 851.4 | 830.5 | 802.6 | 760.7 | 711.9 | 649.1 | 572.3 | 488.5 | 418.7 | 349.0 | 279.2 |
| 25° | 858.4 | 837.5 | 816.5 | 774.7 | 725.8 | 663.0 | 586.2 | 502.5 | 425.7 | 355.9 | 286.1 |
| 22.5° | 865.4 | 844.5 | 823.5 | 788.6 | 739.8 | 677.0 | 600.2 | 516.4 | 432.7 | 362.9 | 293.1 |
| 20° | 872.4 | 851.4 | 830.5 | 795.6 | 746.8 | 683.9 | 607.2 | 523.4 | 446.7 | 369.9 | 300.1 |
| 17.5° | 879.4 | 851.4 | 830.5 | 802.6 | 753.7 | 697.9 | 621.1 | 537.4 | 453.6 | 369.9 | 300.1 |
| 15° | 879.4 | 858.4 | 837.5 | 809.6 | 760.7 | 704.9 | 628.1 | 544.4 | 453.6 | 376.9 | 307.1 |
| 12.5° | 879.4 | 865.4 | 837.5 | 809.6 | 767.7 | 711.9 | 635.1 | 551.3 | 460.6 | 383.8 | 307.1 |
| 10° | 886.3 | 865.4 | 837.5 | 816.5 | 774.7 | 718.8 | 642.1 | 558.3 | 467.6 | 383.8 | 307.1 |
| 7.5° | 886.3 | 872.4 | 844.5 | 816.5 | 774.7 | 718.8 | 649.1 | 558.3 | 467.6 | 390.8 | 314.1 |
| 5° | 886.3 | 872.4 | 844.5 | 823.5 | 781.7 | 725.8 | 656.0 | 565.3 | 474.6 | 390.8 | 314.1 |
| 2.5° | 886.3 | 872.4 | 844.5 | 823.5 | 781.7 | 725.8 | 656.0 | 565.3 | 474.6 | 390.8 | 314.1 |
| 0° | 886.3 | 872.4 | 844.5 | 823.5 | 781.7 | 725.8 | 656.0 | 565.3 | 474.6 | 390.8 | 314.1 |



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 CATALOG NUMBER: IFLD-L-SA8C-740-U-22

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| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 7.0 | 7.0 | 0.0 | 0.0 |
| 85° | 20.9 | 14.0 | 7.0 | 0.0 |
| 82.5° | 27.9 | 20.9 | 7.0 | 0.0 |
| 80° | 34.9 | 20.9 | 14.0 | 0.0 |
| 77.5° | 41.9 | 27.9 | 14.0 | 0.0 |
| 75° | 55.8 | 34.9 | 20.9 | 0.0 |
| 72.5° | 62.8 | 41.9 | 20.9 | 0.0 |
| 70° | 69.8 | 48.9 | 20.9 | 0.0 |
| 67.5° | 83.7 | 55.8 | 27.9 | 0.0 |
| 65° | 97.7 | 55.8 | 27.9 | 0.0 |
| 62.5° | 111.7 | 62.8 | 34.9 | 0.0 |
| 60° | 125.6 | 69.8 | 34.9 | 0.0 |
| 57.5° | 139.6 | 76.8 | 34.9 | 0.0 |
| 55° | 146.6 | 83.7 | 41.9 | 0.0 |
| 52.5° | 160.5 | 90.7 | 41.9 | 0.0 |
| 50° | 174.5 | 104.7 | 41.9 | 0.0 |
| 47.5° | 181.5 | 111.7 | 48.9 | 0.0 |
| 45° | 188.4 | 118.6 | 48.9 | 0.0 |
| 42.5° | 195.4 | 125.6 | 48.9 | 0.0 |
| 40° | 202.4 | 132.6 | 55.8 | 0.0 |
| 37.5° | 202.4 | 132.6 | 55.8 | 0.0 |
| 35° | 209.4 | 139.6 | 55.8 | 0.0 |
| 32.5° | 216.4 | 146.6 | 55.8 | 0.0 |
| 30° | 216.4 | 153.5 | 62.8 | 0.0 |
| 27.5° | 223.3 | 153.5 | 62.8 | 0.0 |
| 25° | 223.3 | 160.5 | 62.8 | 0.0 |
| 22.5° | 230.3 | 167.5 | 62.8 | 0.0 |
| 20° | 230.3 | 167.5 | 62.8 | 0.0 |
| 17.5° | 237.3 | 174.5 | 69.8 | 0.0 |
| 15° | 237.3 | 174.5 | 69.8 | 0.0 |
| 12.5° | 237.3 | 174.5 | 69.8 | 0.0 |
| 10° | 244.3 | 181.5 | 69.8 | 0.0 |
| 7.5° | 244.3 | 181.5 | 69.8 | 0.0 |
| 5° | 244.3 | 181.5 | 69.8 | 0.0 |
| 2.5° | 244.3 | 181.5 | 69.8 | 0.0 |
| 0° | 244.3 | 181.5 | 69.8 | 0.0 |

(END OF REPORT)