

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: P623708

Luminaire Tested: **IFLD-S-SA6D-750-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623708  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-750-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

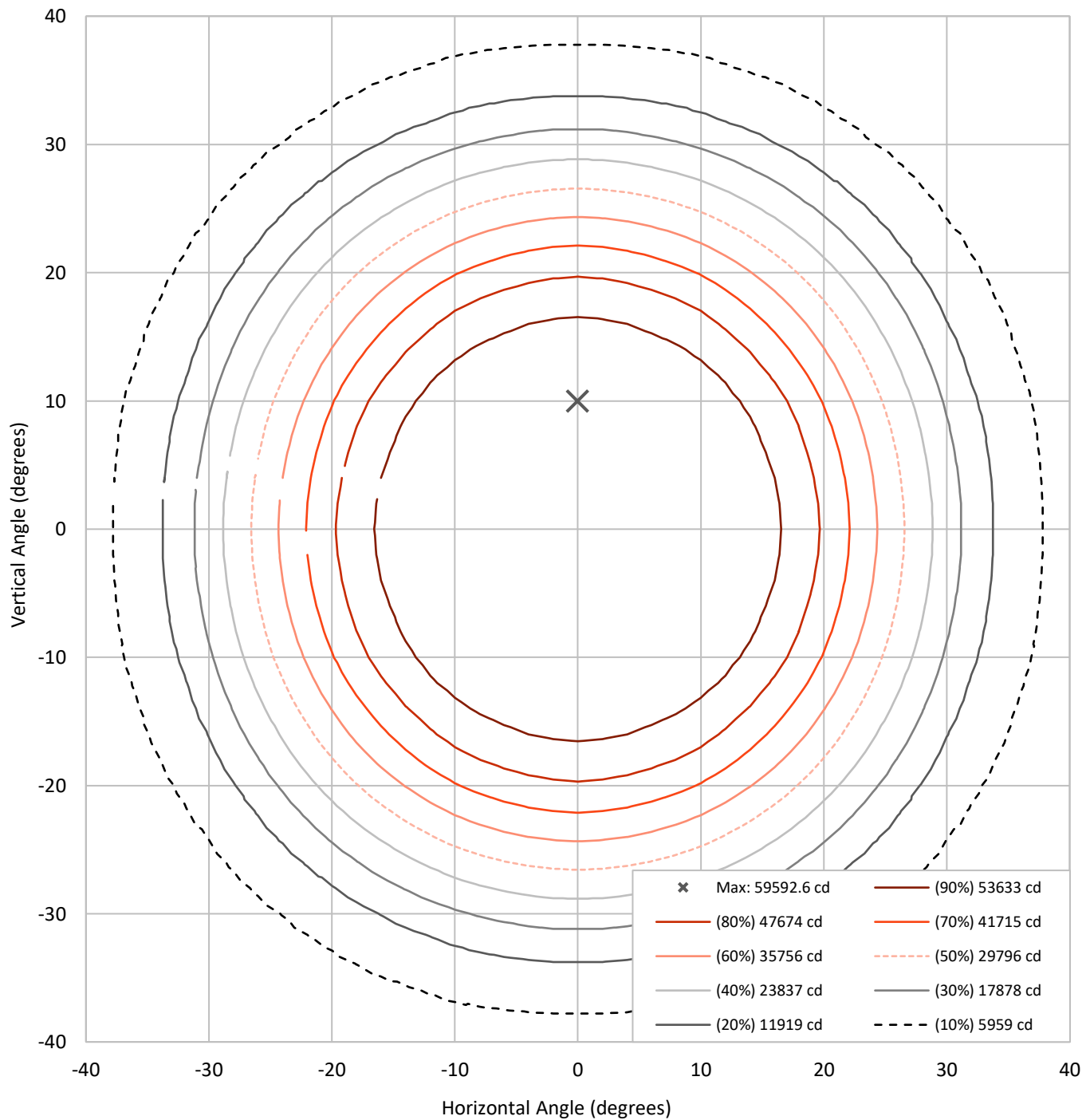
|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 48764.8 lumens                       | Max Intensity:       | 59592.6 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 132.4 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                 |
| Beam Angle (50%): | 49.5°H x 53.1°V                      | Field Angle (10%):   | 73.6°H x 75.3°V |
| Beam Lumens:      | 24237.3 lumens                       | Field Lumens:        | 31521.4 lumens  |
| Beam Efficiency:  | 49.7%                                | Field Efficiency:    | 64.6%           |

Input Watts (W): 368.2  
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



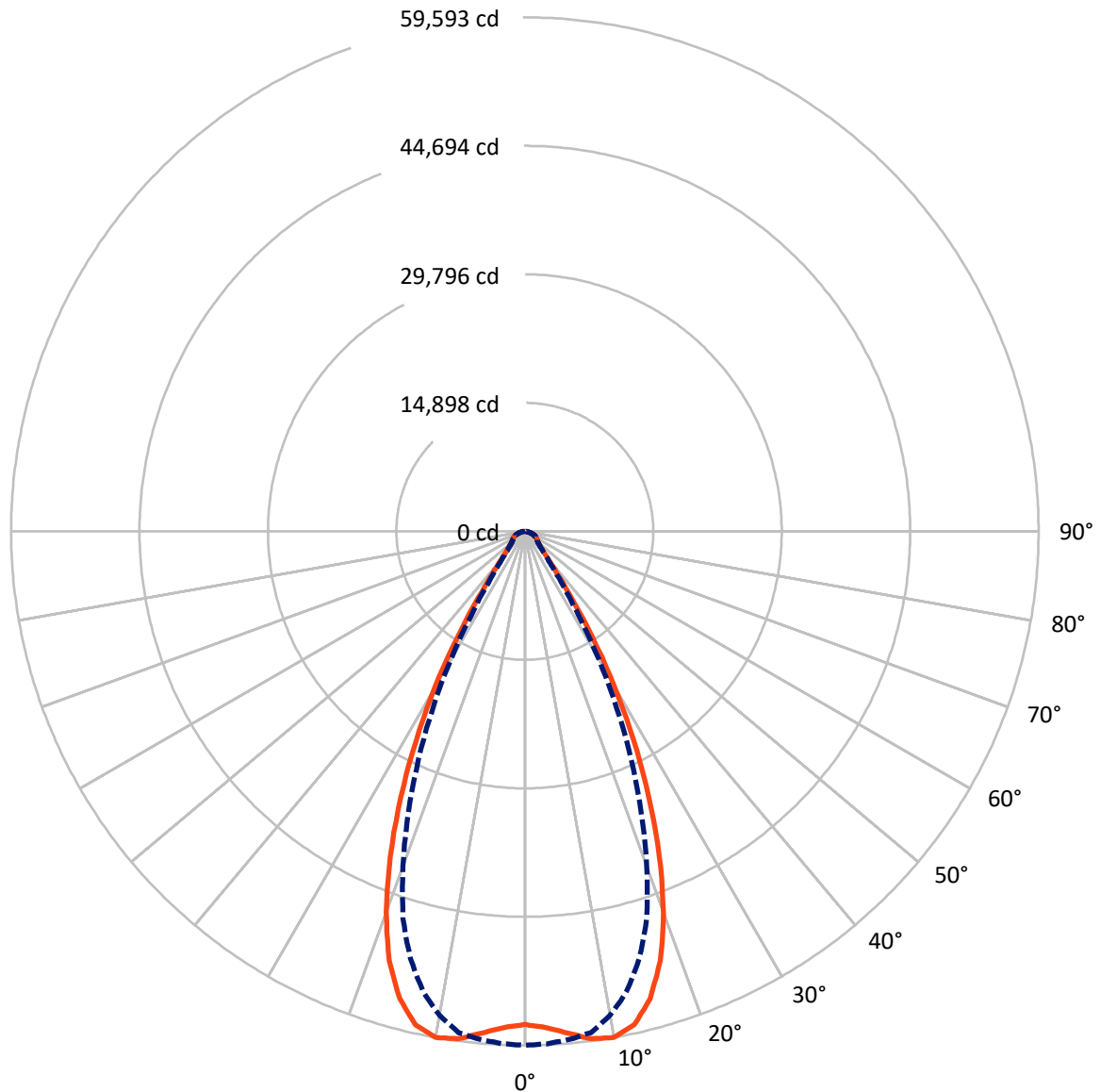
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## Lumen Table

|     |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
|-----|----------------------------|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|------|----|----|----|
| 90  |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
| 80  | 1.4                        | 10.7 |      | 27.9 |       | 45.0  |        | 52.1   |        | 45.0   |       | 27.9  |      | 10.7 |      | 1.4  |    |    |    |
| 70  |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
| 60  | 4.9                        | 5.3  | 11.0 | 18.2 | 25.6  | 32.0  | 36.6   | 39.1   | 39.1   | 36.6   | 32.0  | 25.6  | 18.2 | 11.0 | 5.3  | 4.9  |    |    |    |
| 50  |                            | 8.2  | 16.9 | 26.8 | 35.9  | 43.7  | 49.6   | 52.9   | 52.9   | 49.6   | 43.7  | 35.9  | 26.8 | 16.9 | 8.2  |      |    |    |    |
| 40  | 8.6                        | 11.0 | 21.8 | 32.9 | 44.1  | 57.1  | 72.3   | 84.0   | 84.0   | 72.3   | 57.1  | 44.1  | 32.9 | 21.8 | 11.0 | 8.6  |    |    |    |
| 30  |                            | 13.4 | 25.2 | 38.2 | 57.8  | 103.0 | 201.3  | 303.6  | 303.6  | 201.3  | 103.0 | 57.8  | 38.2 | 25.2 | 13.4 |      |    |    |    |
| 20  | 11.5                       | 15.1 | 27.7 | 44.7 | 93.5  | 298.0 | 690.4  | 979.9  | 979.9  | 690.4  | 298.0 | 93.5  | 44.7 | 27.7 | 15.1 | 11.5 |    |    |    |
| 10  |                            | 16.2 | 29.6 | 53.3 | 172.6 | 650.3 | 1272.3 | 1622.0 | 1622.0 | 1272.3 | 650.3 | 172.6 | 53.3 | 29.6 | 16.2 |      |    |    |    |
| 0   | 12.6                       | 16.8 | 30.6 | 60.2 | 253.3 | 895.8 | 1574.0 | 1785.0 | 1785.0 | 1574.0 | 895.8 | 253.3 | 60.2 | 30.6 | 16.8 | 12.6 |    |    |    |
| -10 |                            | 16.8 | 30.6 | 60.2 | 253.3 | 895.8 | 1574.0 | 1785.0 | 1785.0 | 1574.0 | 895.8 | 253.3 | 60.2 | 30.6 | 16.8 |      |    |    |    |
| -20 | 11.5                       | 16.2 | 29.6 | 53.3 | 172.6 | 650.3 | 1272.3 | 1622.0 | 1622.0 | 1272.3 | 650.3 | 172.6 | 53.3 | 29.6 | 16.2 | 11.5 |    |    |    |
| -30 |                            | 15.1 | 27.7 | 44.7 | 93.5  | 298.0 | 690.4  | 979.9  | 979.9  | 690.4  | 298.0 | 93.5  | 44.7 | 27.7 | 15.1 |      |    |    |    |
| -40 | 8.6                        | 13.4 | 25.2 | 38.2 | 57.8  | 103.0 | 201.3  | 303.6  | 303.6  | 201.3  | 103.0 | 57.8  | 38.2 | 25.2 | 13.4 | 8.6  |    |    |    |
| -50 |                            | 11.0 | 21.8 | 32.9 | 44.1  | 57.1  | 72.3   | 84.0   | 84.0   | 72.3   | 57.1  | 44.1  | 32.9 | 21.8 | 11.0 |      |    |    |    |
| -60 | 4.9                        | 8.2  | 16.9 | 26.8 | 35.9  | 43.7  | 49.6   | 52.9   | 52.9   | 49.6   | 43.7  | 35.9  | 26.8 | 16.9 | 8.2  | 4.9  |    |    |    |
| -70 |                            | 5.3  | 11.0 | 18.2 | 25.6  | 32.0  | 36.6   | 39.1   | 39.1   | 36.6   | 32.0  | 25.6  | 18.2 | 11.0 | 5.3  |      |    |    |    |
| -80 | 1.4                        | 10.7 |      | 27.9 |       | 45.0  |        | 52.1   |        | 45.0   |       | 27.9  |      | 10.7 |      | 1.4  |    |    |    |
| -90 |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |
|     | -90                        | -80  | -70  | -60  | -50   | -40   | -30    | -20    | -10    | 0      | 10    | 20    | 30   | 40   | 50   | 60   | 70 | 80 | 90 |
|     | Horizontal Angle (degrees) |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |    |    |    |

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## Luminous Intensity Polar Plot

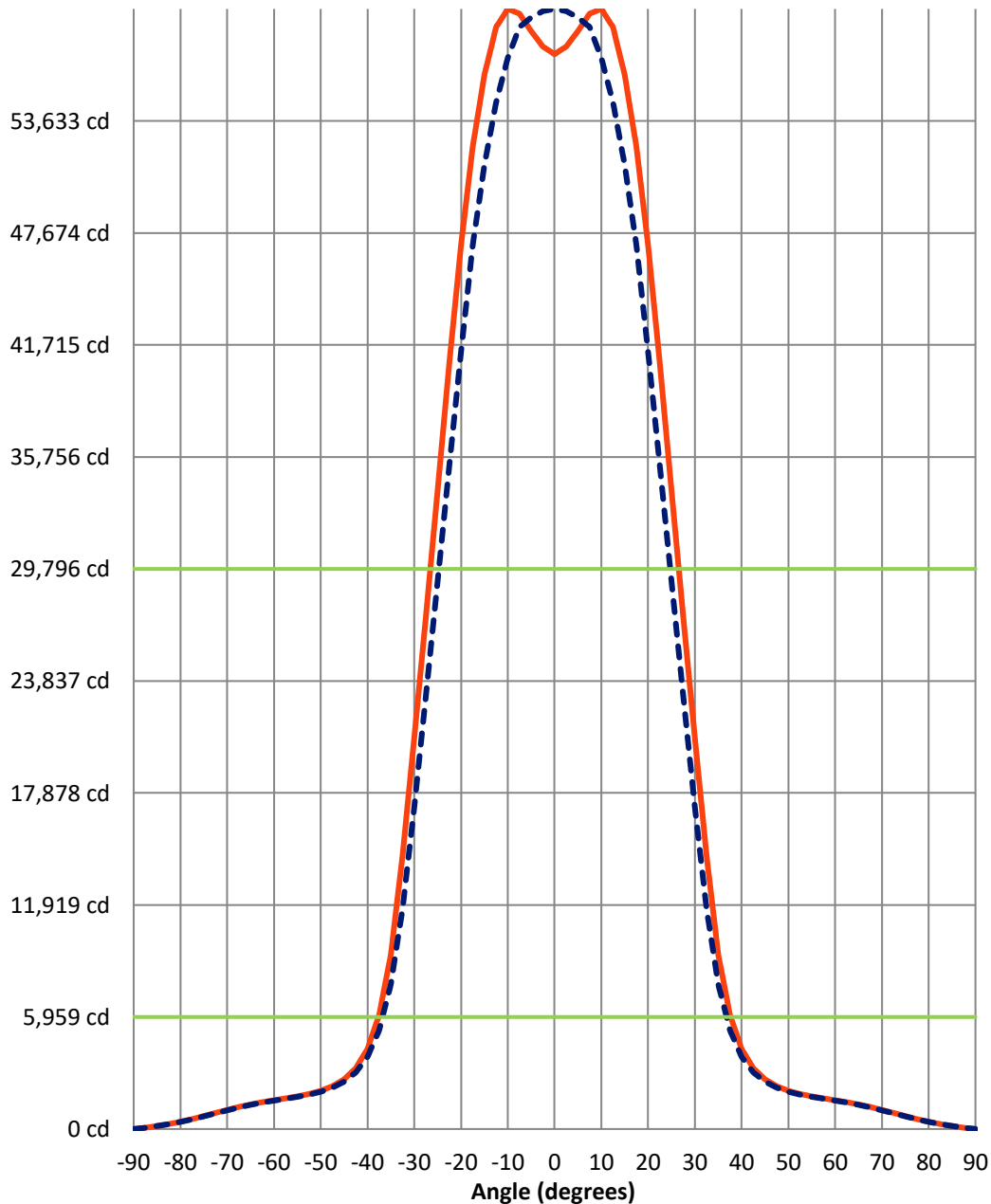


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 24237.3  
Efficiency: 49.7%

**Field:**

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 31521.4  
Efficiency: 64.6%

**Spill:**

Lumens: 17243.4  
Efficiency: 35.4%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 10-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° | 65.9    | 65.9    | 65.9    | 65.9    | 65.9    | 65.9    | 65.9    | 60.8    | 60.8    | 60.8    | 60.8    |
| 85°   | 162.1   | 162.1   | 162.1   | 162.1   | 162.1   | 157.0   | 157.0   | 152.0   | 152.0   | 146.9   | 141.8   |
| 82.5° | 263.4   | 263.4   | 263.4   | 263.4   | 258.3   | 258.3   | 253.3   | 248.2   | 243.2   | 238.1   | 233.0   |
| 80°   | 385.0   | 385.0   | 385.0   | 385.0   | 379.9   | 374.9   | 369.8   | 364.7   | 354.6   | 349.5   | 339.4   |
| 77.5° | 526.8   | 526.8   | 526.8   | 521.8   | 516.7   | 511.6   | 501.5   | 491.4   | 481.2   | 471.1   | 461.0   |
| 75°   | 688.9   | 688.9   | 688.9   | 678.8   | 673.7   | 663.6   | 653.5   | 643.3   | 628.1   | 612.9   | 597.7   |
| 72.5° | 856.1   | 856.1   | 856.1   | 846.0   | 835.8   | 825.7   | 815.6   | 800.4   | 785.2   | 764.9   | 744.7   |
| 70°   | 1013.1  | 1013.1  | 1013.1  | 1003.0  | 992.9   | 982.7   | 967.5   | 952.3   | 932.1   | 911.8   | 891.6   |
| 67.5° | 1175.2  | 1175.2  | 1175.2  | 1160.0  | 1149.9  | 1139.8  | 1124.6  | 1104.3  | 1084.1  | 1058.7  | 1033.4  |
| 65°   | 1306.9  | 1306.9  | 1301.9  | 1296.8  | 1286.7  | 1271.5  | 1261.4  | 1241.1  | 1220.8  | 1200.6  | 1175.2  |
| 62.5° | 1428.5  | 1428.5  | 1423.5  | 1418.4  | 1408.3  | 1393.1  | 1377.9  | 1362.7  | 1342.4  | 1317.1  | 1291.7  |
| 60°   | 1529.8  | 1529.8  | 1524.8  | 1519.7  | 1509.6  | 1499.4  | 1484.2  | 1469.0  | 1448.8  | 1428.5  | 1403.2  |
| 57.5° | 1631.1  | 1631.1  | 1626.1  | 1621.0  | 1610.9  | 1595.7  | 1580.5  | 1565.3  | 1545.0  | 1519.7  | 1494.4  |
| 55°   | 1737.5  | 1737.5  | 1732.5  | 1722.3  | 1712.2  | 1697.0  | 1681.8  | 1661.5  | 1636.2  | 1610.9  | 1585.6  |
| 52.5° | 1864.2  | 1864.2  | 1854.0  | 1843.9  | 1828.7  | 1813.5  | 1788.2  | 1762.9  | 1732.5  | 1702.1  | 1671.7  |
| 50°   | 2031.3  | 2031.3  | 2021.2  | 2006.0  | 1980.7  | 1955.4  | 1925.0  | 1884.4  | 1849.0  | 1808.4  | 1767.9  |
| 47.5° | 2279.6  | 2279.6  | 2259.3  | 2234.0  | 2198.5  | 2158.0  | 2102.3  | 2041.5  | 1990.8  | 1940.2  | 1879.4  |
| 45°   | 2644.3  | 2644.3  | 2613.9  | 2573.4  | 2517.6  | 2446.7  | 2365.7  | 2279.6  | 2193.4  | 2107.3  | 2021.2  |
| 42.5° | 3237.0  | 3237.0  | 3181.2  | 3110.3  | 3014.1  | 2892.5  | 2740.5  | 2598.7  | 2477.1  | 2340.3  | 2223.8  |
| 40°   | 4260.2  | 4260.2  | 4153.9  | 4022.1  | 3839.8  | 3606.8  | 3328.1  | 3105.3  | 2892.5  | 2654.4  | 2492.3  |
| 37.5° | 6078.8  | 6078.8  | 5871.1  | 5617.8  | 5263.2  | 4817.5  | 4280.5  | 3920.8  | 3525.7  | 3150.8  | 2877.3  |
| 35°   | 9290.4  | 9290.4  | 8890.3  | 8398.9  | 7715.0  | 6853.9  | 5937.0  | 5258.2  | 4503.4  | 3925.9  | 3414.3  |
| 32.5° | 14558.8 | 14558.8 | 13839.4 | 12952.9 | 11732.1 | 10187.1 | 8718.0  | 7426.3  | 6078.8  | 5121.4  | 4199.4  |
| 30°   | 20819.9 | 20819.9 | 19877.7 | 18717.7 | 17127.0 | 15121.0 | 13028.9 | 10734.2 | 8606.6  | 6899.4  | 5506.4  |
| 27.5° | 27293.9 | 27025.4 | 26214.9 | 24892.7 | 23079.2 | 20819.9 | 18211.1 | 15247.7 | 12370.4 | 9361.4  | 7370.6  |
| 25°   | 33990.7 | 33676.6 | 32749.6 | 31229.9 | 29153.0 | 26594.8 | 23656.7 | 20343.8 | 16792.7 | 13206.2 | 9761.6  |
| 22.5° | 40758.4 | 40403.8 | 39350.2 | 37632.9 | 35302.7 | 32435.5 | 29107.4 | 25424.6 | 21458.2 | 17314.5 | 13206.2 |
| 20°   | 47014.5 | 46639.7 | 45535.4 | 43747.2 | 41335.9 | 38190.1 | 34492.2 | 30409.2 | 26022.4 | 21458.2 | 16792.7 |
| 17.5° | 52252.4 | 51892.8 | 50829.0 | 49121.9 | 47014.5 | 43534.4 | 39689.6 | 35201.4 | 30409.2 | 25424.6 | 20343.8 |
| 15°   | 56077.0 | 55768.0 | 54861.3 | 53427.7 | 51279.8 | 48199.9 | 44284.1 | 39689.6 | 34492.2 | 29107.4 | 23656.7 |
| 12.5° | 58614.9 | 58366.7 | 57652.4 | 56538.0 | 54613.0 | 52029.5 | 48199.9 | 43534.4 | 38190.1 | 32435.5 | 26594.8 |
| 10°   | 59592.6 | 59471.0 | 59136.7 | 58625.1 | 56983.8 | 54613.0 | 51279.8 | 47014.5 | 41335.9 | 35302.7 | 29153.0 |
| 7.5°  | 59334.3 | 59374.8 | 59491.3 | 59359.6 | 58625.1 | 56538.0 | 53427.7 | 49121.9 | 43747.2 | 37632.9 | 31229.9 |
| 5°    | 58412.3 | 58630.1 | 59172.2 | 59491.3 | 59136.7 | 57652.4 | 54861.3 | 50829.0 | 45535.4 | 39350.2 | 32749.6 |
| 2.5°  | 57591.7 | 57931.1 | 58630.1 | 59374.8 | 59471.0 | 58366.7 | 55768.0 | 51892.8 | 46639.7 | 40403.8 | 33676.6 |
| 0°    | 57186.4 | 57591.7 | 58412.3 | 59334.3 | 59592.6 | 58614.9 | 56077.0 | 52252.4 | 47014.5 | 40758.4 | 33990.7 |

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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° | 60.8    | 55.7    | 55.7    | 55.7   | 50.7   | 50.7   | 50.7   | 45.6   | 45.6   | 40.5   | 40.5   |
| 85°   | 141.8   | 136.8   | 131.7   | 126.6  | 121.6  | 116.5  | 111.4  | 106.4  | 101.3  | 91.2   | 86.1   |
| 82.5° | 228.0   | 222.9   | 217.8   | 207.7  | 202.6  | 192.5  | 182.4  | 172.2  | 162.1  | 157.0  | 146.9  |
| 80°   | 329.3   | 319.1   | 309.0   | 298.9  | 283.7  | 268.5  | 258.3  | 243.2  | 233.0  | 217.8  | 207.7  |
| 77.5° | 445.8   | 430.6   | 415.4   | 395.1  | 379.9  | 364.7  | 344.5  | 329.3  | 309.0  | 288.7  | 268.5  |
| 75°   | 577.5   | 557.2   | 531.9   | 511.6  | 491.4  | 466.0  | 440.7  | 415.4  | 390.1  | 364.7  | 339.4  |
| 72.5° | 719.3   | 694.0   | 668.7   | 643.3  | 612.9  | 577.5  | 547.1  | 511.6  | 481.2  | 450.8  | 415.4  |
| 70°   | 866.2   | 835.8   | 805.4   | 775.0  | 739.6  | 699.1  | 663.6  | 623.1  | 582.6  | 542.0  | 501.5  |
| 67.5° | 1003.0  | 972.6   | 937.1   | 906.8  | 866.2  | 825.7  | 780.1  | 734.5  | 688.9  | 638.3  | 587.6  |
| 65°   | 1144.8  | 1109.4  | 1068.9  | 1028.3 | 987.8  | 942.2  | 896.6  | 851.0  | 795.3  | 739.6  | 688.9  |
| 62.5° | 1261.4  | 1231.0  | 1195.5  | 1155.0 | 1109.4 | 1058.7 | 1013.1 | 952.3  | 896.6  | 840.9  | 775.0  |
| 60°   | 1372.8  | 1337.3  | 1306.9  | 1261.4 | 1220.8 | 1175.2 | 1119.5 | 1058.7 | 997.9  | 932.1  | 871.3  |
| 57.5° | 1469.0  | 1438.7  | 1403.2  | 1362.7 | 1317.1 | 1271.5 | 1220.8 | 1165.1 | 1094.2 | 1028.3 | 957.4  |
| 55°   | 1555.2  | 1519.7  | 1484.2  | 1448.8 | 1408.3 | 1357.6 | 1306.9 | 1251.2 | 1190.4 | 1119.5 | 1043.5 |
| 52.5° | 1641.3  | 1605.8  | 1565.3  | 1529.8 | 1484.2 | 1438.7 | 1388.0 | 1332.3 | 1271.5 | 1205.6 | 1124.6 |
| 50°   | 1727.4  | 1686.9  | 1646.3  | 1600.8 | 1555.2 | 1509.6 | 1458.9 | 1408.3 | 1342.4 | 1276.6 | 1205.6 |
| 47.5° | 1828.7  | 1778.1  | 1727.4  | 1676.7 | 1631.1 | 1575.4 | 1524.8 | 1469.0 | 1413.3 | 1342.4 | 1271.5 |
| 45°   | 1955.4  | 1879.4  | 1818.6  | 1757.8 | 1702.1 | 1646.3 | 1585.6 | 1529.8 | 1469.0 | 1408.3 | 1332.3 |
| 42.5° | 2112.4  | 2011.1  | 1930.0  | 1849.0 | 1778.1 | 1712.2 | 1651.4 | 1585.6 | 1524.8 | 1458.9 | 1388.0 |
| 40°   | 2325.1  | 2188.4  | 2056.7  | 1955.4 | 1864.2 | 1783.1 | 1712.2 | 1646.3 | 1575.4 | 1509.6 | 1438.7 |
| 37.5° | 2603.8  | 2411.3  | 2228.9  | 2082.0 | 1965.5 | 1864.2 | 1778.1 | 1702.1 | 1631.1 | 1555.2 | 1484.2 |
| 35°   | 3024.2  | 2689.9  | 2456.9  | 2244.1 | 2082.0 | 1955.4 | 1849.0 | 1757.8 | 1676.7 | 1600.8 | 1529.8 |
| 32.5° | 3616.9  | 3100.2  | 2725.3  | 2456.9 | 2228.9 | 2056.7 | 1930.0 | 1818.6 | 1727.4 | 1646.3 | 1565.3 |
| 30°   | 4397.0  | 3682.7  | 3100.2  | 2689.9 | 2411.3 | 2188.4 | 2011.1 | 1879.4 | 1778.1 | 1686.9 | 1605.8 |
| 27.5° | 5633.0  | 4397.0  | 3616.9  | 3024.2 | 2603.8 | 2325.1 | 2112.4 | 1955.4 | 1828.7 | 1727.4 | 1641.3 |
| 25°   | 7370.6  | 5506.4  | 4199.4  | 3414.3 | 2877.3 | 2492.3 | 2223.8 | 2021.2 | 1879.4 | 1767.9 | 1671.7 |
| 22.5° | 9361.4  | 6899.4  | 5121.4  | 3925.9 | 3150.8 | 2654.4 | 2340.3 | 2107.3 | 1940.2 | 1808.4 | 1702.1 |
| 20°   | 12370.4 | 8606.6  | 6078.8  | 4503.4 | 3525.7 | 2892.5 | 2477.1 | 2193.4 | 1990.8 | 1849.0 | 1732.5 |
| 17.5° | 15247.7 | 10734.2 | 7426.3  | 5258.2 | 3920.8 | 3105.3 | 2598.7 | 2279.6 | 2041.5 | 1884.4 | 1762.9 |
| 15°   | 18211.1 | 13028.9 | 8718.0  | 5937.0 | 4280.5 | 3328.1 | 2740.5 | 2365.7 | 2102.3 | 1925.0 | 1788.2 |
| 12.5° | 20819.9 | 15121.0 | 10187.1 | 6853.9 | 4817.5 | 3606.8 | 2892.5 | 2446.7 | 2158.0 | 1955.4 | 1813.5 |
| 10°   | 23079.2 | 17127.0 | 11732.1 | 7715.0 | 5263.2 | 3839.8 | 3014.1 | 2517.6 | 2198.5 | 1980.7 | 1828.7 |
| 7.5°  | 24892.7 | 18717.7 | 12952.9 | 8398.9 | 5617.8 | 4022.1 | 3110.3 | 2573.4 | 2234.0 | 2006.0 | 1843.9 |
| 5°    | 26214.9 | 19877.7 | 13839.4 | 8890.3 | 5871.1 | 4153.9 | 3181.2 | 2613.9 | 2259.3 | 2021.2 | 1854.0 |
| 2.5°  | 27025.4 | 20819.9 | 14558.8 | 9290.4 | 6078.8 | 4260.2 | 3237.0 | 2644.3 | 2279.6 | 2031.3 | 1864.2 |
| 0°    | 27293.9 | 20819.9 | 14558.8 | 9290.4 | 6078.8 | 4260.2 | 3237.0 | 2644.3 | 2279.6 | 2031.3 | 1864.2 |

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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° | 35.5   | 35.5   | 30.4   | 30.4   | 25.3   | 25.3   | 20.3   | 20.3  | 15.2  | 15.2  | 10.1  |
| 85°   | 81.1   | 70.9   | 65.9   | 60.8   | 55.7   | 50.7   | 45.6   | 40.5  | 35.5  | 30.4  | 25.3  |
| 82.5° | 136.8  | 126.6  | 111.4  | 101.3  | 91.2   | 81.1   | 65.9   | 60.8  | 50.7  | 40.5  | 35.5  |
| 80°   | 192.5  | 177.3  | 162.1  | 146.9  | 131.7  | 116.5  | 101.3  | 86.1  | 70.9  | 55.7  | 45.6  |
| 77.5° | 248.2  | 228.0  | 212.8  | 192.5  | 172.2  | 152.0  | 131.7  | 111.4 | 91.2  | 70.9  | 55.7  |
| 75°   | 314.1  | 288.7  | 263.4  | 238.1  | 212.8  | 187.4  | 167.2  | 141.8 | 116.5 | 91.2  | 70.9  |
| 72.5° | 385.0  | 349.5  | 319.1  | 288.7  | 253.3  | 228.0  | 197.6  | 172.2 | 141.8 | 111.4 | 86.1  |
| 70°   | 461.0  | 420.5  | 379.9  | 339.4  | 303.9  | 263.4  | 233.0  | 197.6 | 167.2 | 131.7 | 101.3 |
| 67.5° | 537.0  | 491.4  | 445.8  | 395.1  | 349.5  | 309.0  | 263.4  | 228.0 | 187.4 | 152.0 | 116.5 |
| 65°   | 628.1  | 567.4  | 511.6  | 455.9  | 400.2  | 349.5  | 303.9  | 253.3 | 212.8 | 172.2 | 131.7 |
| 62.5° | 714.3  | 648.4  | 582.6  | 516.7  | 455.9  | 395.1  | 339.4  | 288.7 | 238.1 | 192.5 | 146.9 |
| 60°   | 800.4  | 729.5  | 653.5  | 582.6  | 511.6  | 445.8  | 379.9  | 319.1 | 263.4 | 212.8 | 162.1 |
| 57.5° | 886.5  | 805.4  | 729.5  | 648.4  | 567.4  | 491.4  | 420.5  | 349.5 | 288.7 | 228.0 | 177.3 |
| 55°   | 962.5  | 886.5  | 800.4  | 714.3  | 628.1  | 537.0  | 461.0  | 385.0 | 314.1 | 248.2 | 192.5 |
| 52.5° | 1043.5 | 957.4  | 871.3  | 775.0  | 688.9  | 587.6  | 501.5  | 415.4 | 339.4 | 268.5 | 207.7 |
| 50°   | 1119.5 | 1028.3 | 932.1  | 840.9  | 739.6  | 638.3  | 542.0  | 450.8 | 364.7 | 288.7 | 217.8 |
| 47.5° | 1190.4 | 1094.2 | 997.9  | 896.6  | 795.3  | 688.9  | 582.6  | 481.2 | 390.1 | 309.0 | 233.0 |
| 45°   | 1251.2 | 1165.1 | 1058.7 | 952.3  | 851.0  | 734.5  | 623.1  | 511.6 | 415.4 | 329.3 | 243.2 |
| 42.5° | 1306.9 | 1220.8 | 1119.5 | 1013.1 | 896.6  | 780.1  | 663.6  | 547.1 | 440.7 | 344.5 | 258.3 |
| 40°   | 1357.6 | 1271.5 | 1175.2 | 1058.7 | 942.2  | 825.7  | 699.1  | 577.5 | 466.0 | 364.7 | 268.5 |
| 37.5° | 1408.3 | 1317.1 | 1220.8 | 1109.4 | 987.8  | 866.2  | 739.6  | 612.9 | 491.4 | 379.9 | 283.7 |
| 35°   | 1448.8 | 1362.7 | 1261.4 | 1155.0 | 1028.3 | 906.8  | 775.0  | 643.3 | 511.6 | 395.1 | 298.9 |
| 32.5° | 1484.2 | 1403.2 | 1306.9 | 1195.5 | 1068.9 | 937.1  | 805.4  | 668.7 | 531.9 | 415.4 | 309.0 |
| 30°   | 1519.7 | 1438.7 | 1337.3 | 1231.0 | 1109.4 | 972.6  | 835.8  | 694.0 | 557.2 | 430.6 | 319.1 |
| 27.5° | 1555.2 | 1469.0 | 1372.8 | 1261.4 | 1144.8 | 1003.0 | 866.2  | 719.3 | 577.5 | 445.8 | 329.3 |
| 25°   | 1585.6 | 1494.4 | 1403.2 | 1291.7 | 1175.2 | 1033.4 | 891.6  | 744.7 | 597.7 | 461.0 | 339.4 |
| 22.5° | 1610.9 | 1519.7 | 1428.5 | 1317.1 | 1200.6 | 1058.7 | 911.8  | 764.9 | 612.9 | 471.1 | 349.5 |
| 20°   | 1636.2 | 1545.0 | 1448.8 | 1342.4 | 1220.8 | 1084.1 | 932.1  | 785.2 | 628.1 | 481.2 | 354.6 |
| 17.5° | 1661.5 | 1565.3 | 1469.0 | 1362.7 | 1241.1 | 1104.3 | 952.3  | 800.4 | 643.3 | 491.4 | 364.7 |
| 15°   | 1681.8 | 1580.5 | 1484.2 | 1377.9 | 1261.4 | 1124.6 | 967.5  | 815.6 | 653.5 | 501.5 | 369.8 |
| 12.5° | 1697.0 | 1595.7 | 1499.4 | 1393.1 | 1271.5 | 1139.8 | 982.7  | 825.7 | 663.6 | 511.6 | 374.9 |
| 10°   | 1712.2 | 1610.9 | 1509.6 | 1408.3 | 1286.7 | 1149.9 | 992.9  | 835.8 | 673.7 | 516.7 | 379.9 |
| 7.5°  | 1722.3 | 1621.0 | 1519.7 | 1418.4 | 1296.8 | 1160.0 | 1003.0 | 846.0 | 678.8 | 521.8 | 385.0 |
| 5°    | 1732.5 | 1626.1 | 1524.8 | 1423.5 | 1301.9 | 1175.2 | 1013.1 | 856.1 | 688.9 | 526.8 | 385.0 |
| 2.5°  | 1737.5 | 1631.1 | 1529.8 | 1428.5 | 1306.9 | 1175.2 | 1013.1 | 856.1 | 688.9 | 526.8 | 385.0 |
| 0°    | 1737.5 | 1631.1 | 1529.8 | 1428.5 | 1306.9 | 1175.2 | 1013.1 | 856.1 | 688.9 | 526.8 | 385.0 |

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CATALOG NUMBER: IFLD-S-SA6D-750-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 10.1  | 5.1   | 5.1   | 0.0 |
| 85°   | 15.2  | 10.1  | 5.1   | 0.0 |
| 82.5° | 25.3  | 15.2  | 10.1  | 0.0 |
| 80°   | 35.5  | 25.3  | 10.1  | 0.0 |
| 77.5° | 40.5  | 30.4  | 15.2  | 0.0 |
| 75°   | 50.7  | 35.5  | 15.2  | 0.0 |
| 72.5° | 60.8  | 40.5  | 20.3  | 0.0 |
| 70°   | 65.9  | 45.6  | 20.3  | 0.0 |
| 67.5° | 81.1  | 50.7  | 25.3  | 0.0 |
| 65°   | 91.2  | 55.7  | 25.3  | 0.0 |
| 62.5° | 101.3 | 60.8  | 30.4  | 0.0 |
| 60°   | 111.4 | 65.9  | 30.4  | 0.0 |
| 57.5° | 126.6 | 70.9  | 35.5  | 0.0 |
| 55°   | 136.8 | 81.1  | 35.5  | 0.0 |
| 52.5° | 146.9 | 86.1  | 40.5  | 0.0 |
| 50°   | 157.0 | 91.2  | 40.5  | 0.0 |
| 47.5° | 162.1 | 101.3 | 45.6  | 0.0 |
| 45°   | 172.2 | 106.4 | 45.6  | 0.0 |
| 42.5° | 182.4 | 111.4 | 50.7  | 0.0 |
| 40°   | 192.5 | 116.5 | 50.7  | 0.0 |
| 37.5° | 202.6 | 121.6 | 50.7  | 0.0 |
| 35°   | 207.7 | 126.6 | 55.7  | 0.0 |
| 32.5° | 217.8 | 131.7 | 55.7  | 0.0 |
| 30°   | 222.9 | 136.8 | 55.7  | 0.0 |
| 27.5° | 228.0 | 141.8 | 60.8  | 0.0 |
| 25°   | 233.0 | 141.8 | 60.8  | 0.0 |
| 22.5° | 238.1 | 146.9 | 60.8  | 0.0 |
| 20°   | 243.2 | 152.0 | 60.8  | 0.0 |
| 17.5° | 248.2 | 152.0 | 60.8  | 0.0 |
| 15°   | 253.3 | 157.0 | 65.9  | 0.0 |
| 12.5° | 258.3 | 157.0 | 65.9  | 0.0 |
| 10°   | 258.3 | 162.1 | 65.9  | 0.0 |
| 7.5°  | 263.4 | 162.1 | 65.9  | 0.0 |
| 5°    | 263.4 | 162.1 | 65.9  | 0.0 |
| 2.5°  | 263.4 | 162.1 | 65.9  | 0.0 |
| 0°    | 263.4 | 162.1 | 65.9  | 0.0 |

(END OF REPORT)