

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: P623795

Luminaire Tested: **IFLD-S-SA6D-830-U-55**

Issue Date: 11/2/2022

### Test Information

Test Method: LM-79-2019  
Report Number: P623795  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-830-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (96) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 37881 lumens                         | Max Intensity:       | 46292.2 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 102.9 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                 |

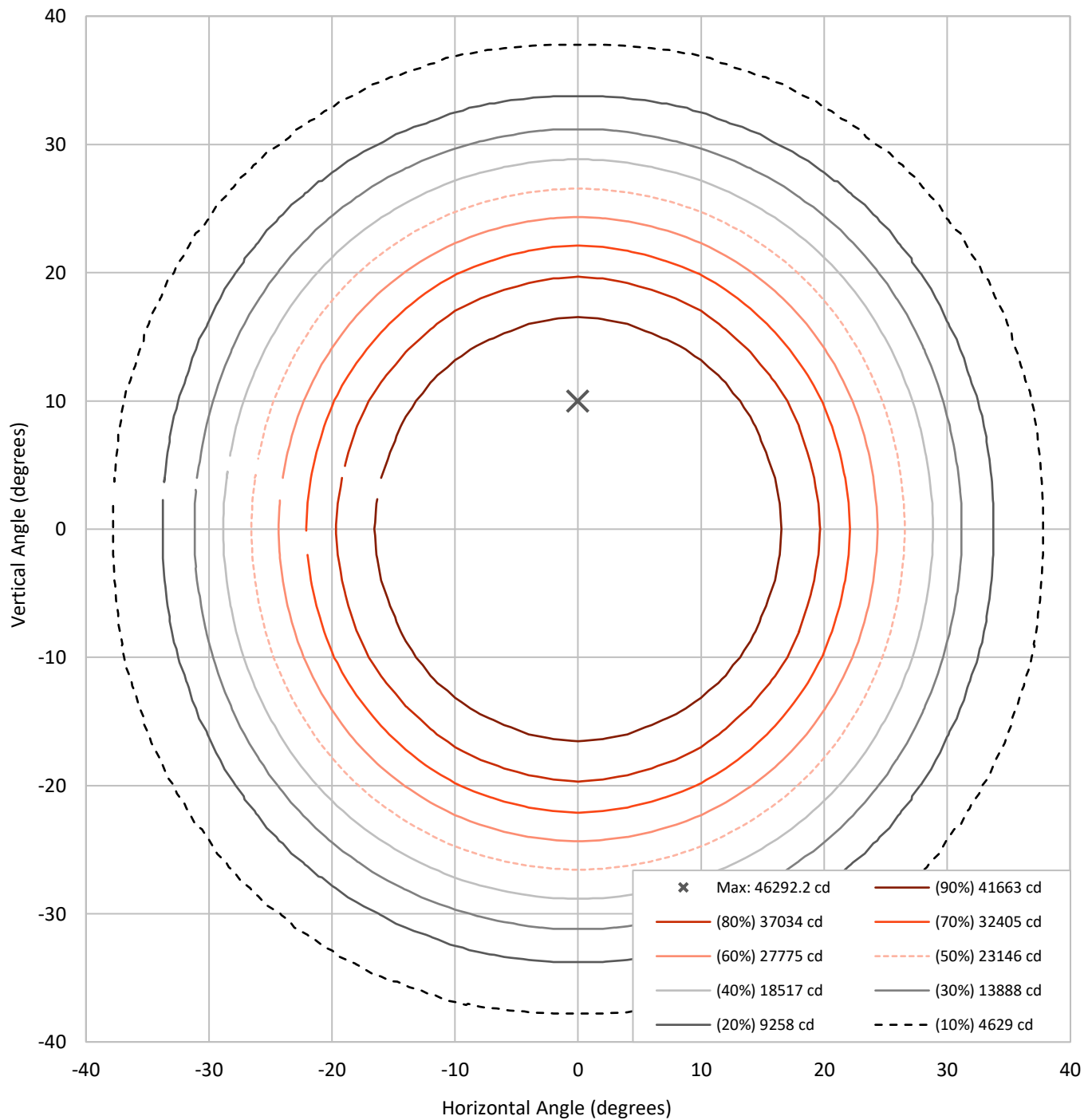
|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 49.5°H x 53.1°V | Field Angle (10%): | 73.6°H x 75.3°V |
| Beam Lumens:      | 18827.8 lumens  | Field Lumens:      | 24486.1 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



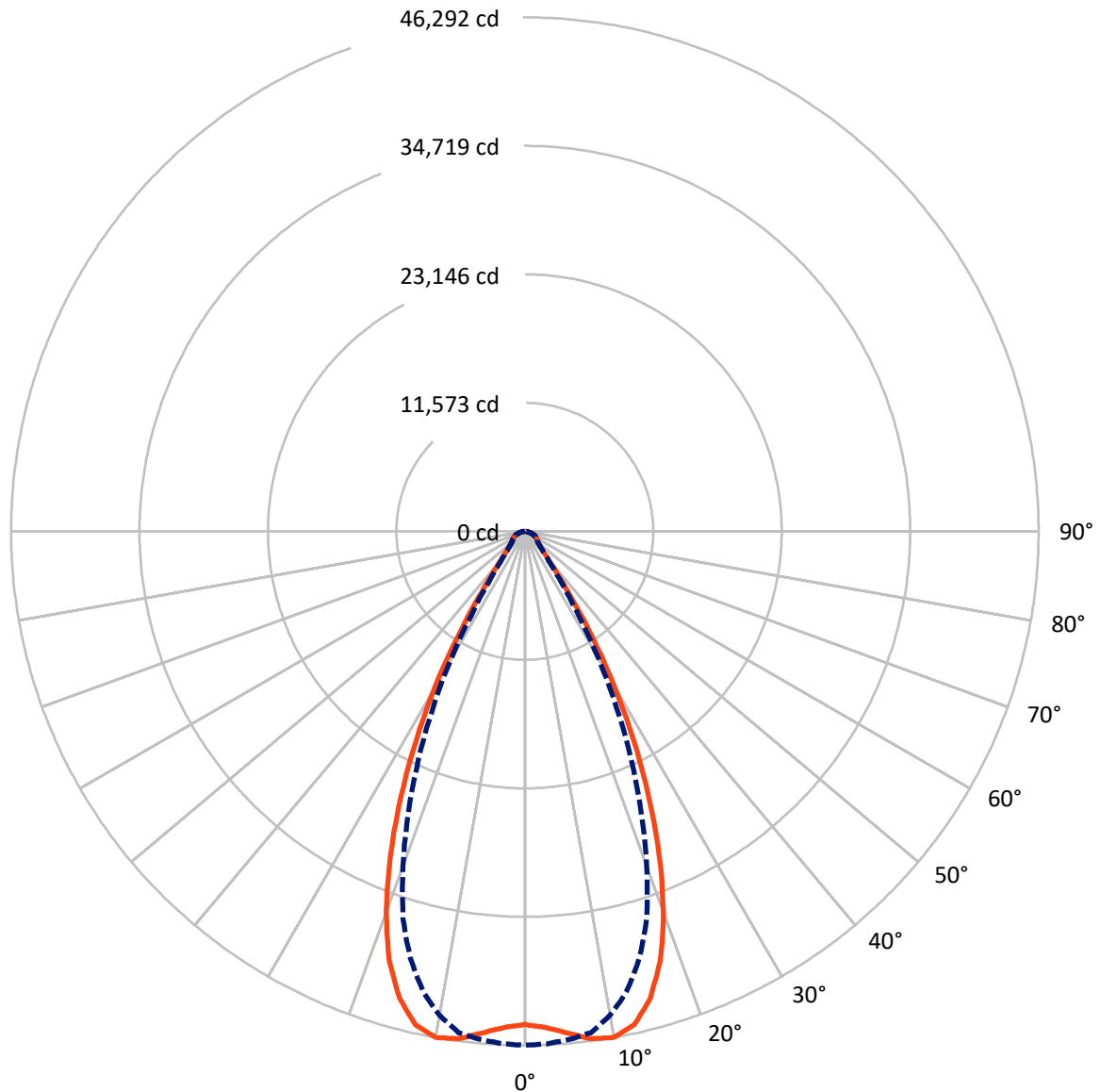
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## Lumen Table

|     |     |  |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |  |
|-----|-----|--|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|-----|--|
| 90  |     |  |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |  |
| 80  | 1.1 |  | 8.3  |      | 21.7 |       | 34.9  |        | 40.5   |        | 34.9   |       | 21.7  |      | 8.3  |      | 1.1 |  |
| 70  | 3.8 |  | 4.1  | 8.6  | 14.1 | 19.9  | 24.8  | 28.4   | 30.4   | 30.4   | 28.4   | 24.8  | 19.9  | 14.1 | 8.6  | 4.1  | 3.8 |  |
| 60  |     |  | 6.4  | 13.1 | 20.8 | 27.9  | 33.9  | 38.5   | 41.1   | 41.1   | 38.5   | 33.9  | 27.9  | 20.8 | 13.1 | 6.4  |     |  |
| 50  | 6.7 |  | 8.5  | 16.9 | 25.6 | 34.3  | 44.4  | 56.2   | 65.3   | 65.3   | 56.2   | 44.4  | 34.3  | 25.6 | 16.9 | 8.5  | 6.7 |  |
| 40  |     |  | 10.4 | 19.6 | 29.6 | 44.9  | 80.0  | 156.4  | 235.9  | 235.9  | 156.4  | 80.0  | 44.9  | 29.6 | 19.6 | 10.4 |     |  |
| 30  | 9.0 |  | 11.7 | 21.6 | 34.8 | 72.6  | 231.5 | 536.3  | 761.2  | 761.2  | 536.3  | 231.5 | 72.6  | 34.8 | 21.6 | 11.7 | 9.0 |  |
| 20  |     |  | 12.6 | 23.0 | 41.4 | 134.1 | 505.2 | 988.4  | 1260.0 | 1260.0 | 988.4  | 505.2 | 134.1 | 41.4 | 23.0 | 12.6 |     |  |
| 10  | 9.8 |  | 13.0 | 23.8 | 46.8 | 196.8 | 695.9 | 1222.7 | 1386.6 | 1386.6 | 1222.7 | 695.9 | 196.8 | 46.8 | 23.8 | 13.0 | 9.8 |  |
| 0   |     |  | 13.0 | 23.8 | 46.8 | 196.8 | 695.9 | 1222.7 | 1386.6 | 1386.6 | 1222.7 | 695.9 | 196.8 | 46.8 | 23.8 | 13.0 |     |  |
| -10 | 9.0 |  | 12.6 | 23.0 | 41.4 | 134.1 | 505.2 | 988.4  | 1260.0 | 1260.0 | 988.4  | 505.2 | 134.1 | 41.4 | 23.0 | 12.6 | 9.0 |  |
| -20 |     |  | 11.7 | 21.6 | 34.8 | 72.6  | 231.5 | 536.3  | 761.2  | 761.2  | 536.3  | 231.5 | 72.6  | 34.8 | 21.6 | 11.7 |     |  |
| -30 | 6.7 |  | 10.4 | 19.6 | 29.6 | 44.9  | 80.0  | 156.4  | 235.9  | 235.9  | 156.4  | 80.0  | 44.9  | 29.6 | 19.6 | 10.4 | 6.7 |  |
| -40 |     |  | 8.5  | 16.9 | 25.6 | 34.3  | 44.4  | 56.2   | 65.3   | 65.3   | 56.2   | 44.4  | 34.3  | 25.6 | 16.9 | 8.5  |     |  |
| -50 | 3.8 |  | 6.4  | 13.1 | 20.8 | 27.9  | 33.9  | 38.5   | 41.1   | 41.1   | 38.5   | 33.9  | 27.9  | 20.8 | 13.1 | 6.4  | 3.8 |  |
| -60 |     |  | 4.1  | 8.6  | 14.1 | 19.9  | 24.8  | 28.4   | 30.4   | 30.4   | 28.4   | 24.8  | 19.9  | 14.1 | 8.6  | 4.1  |     |  |
| -70 | 1.1 |  |      |      |      |       |       |        |        |        |        |       |       |      |      |      | 1.1 |  |
| -80 |     |  | 8.3  |      | 21.7 |       | 34.9  |        | 40.5   |        | 34.9   |       | 21.7  |      | 8.3  |      |     |  |
| -90 | 1.1 |  | 8.3  |      | 21.7 |       | 34.9  |        | 40.5   |        | 34.9   |       | 21.7  |      | 8.3  |      | 1.1 |  |

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## Luminous Intensity Polar Plot

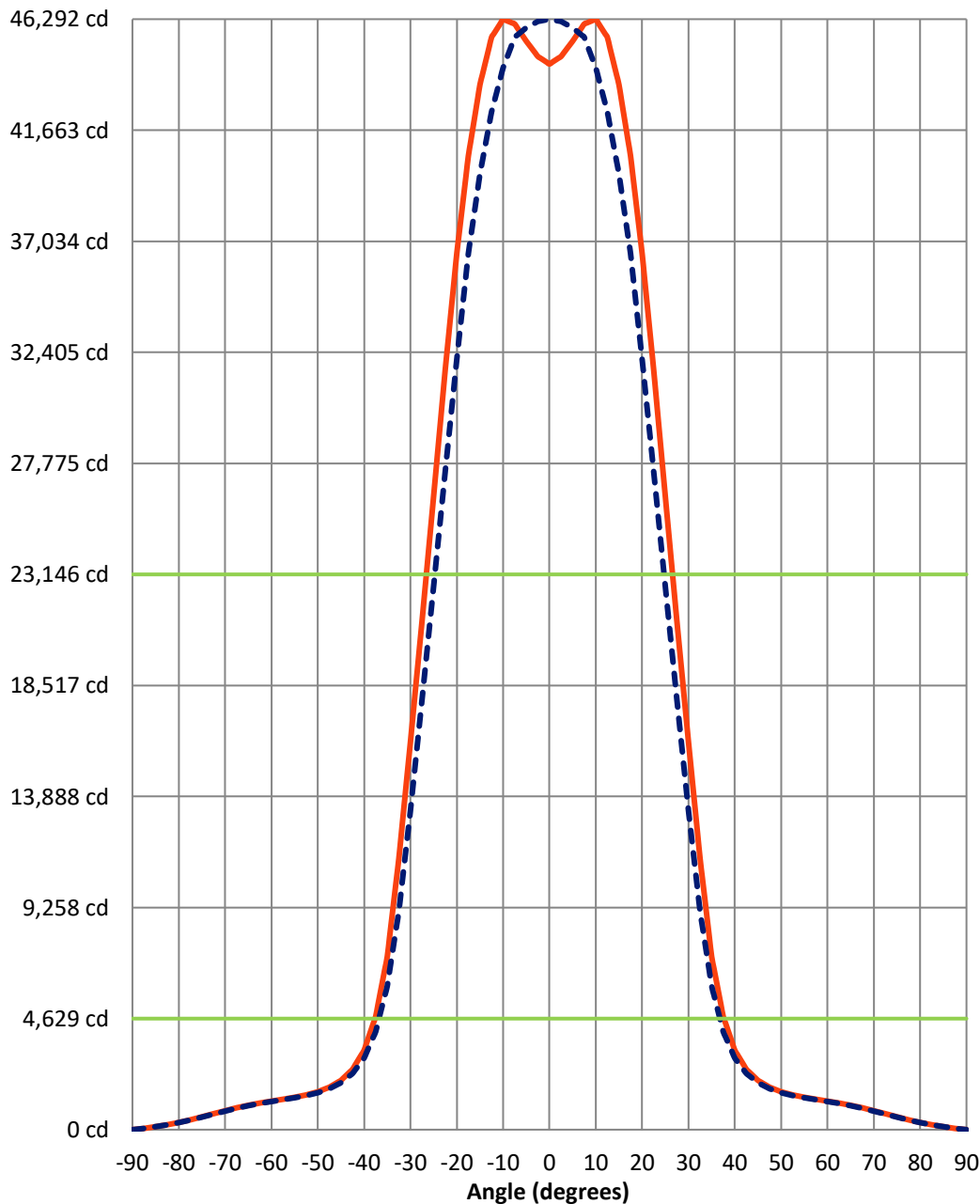


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

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## Luminous Intensity Plot



### Beam:

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 18827.8  
Efficiency: 49.7%

### Field:

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 24486.1  
Efficiency: 64.6%

### Spill:

Lumens: 13394.9  
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° | 51.2    | 51.2    | 51.2    | 51.2    | 51.2    | 51.2    | 51.2    | 47.2    | 47.2    | 47.2    | 47.2    |
| 85°   | 125.9   | 125.9   | 125.9   | 125.9   | 125.9   | 122.0   | 122.0   | 118.1   | 118.1   | 114.1   | 110.2   |
| 82.5° | 204.6   | 204.6   | 204.6   | 204.6   | 200.7   | 200.7   | 196.8   | 192.8   | 188.9   | 184.9   | 181.0   |
| 80°   | 299.1   | 299.1   | 299.1   | 299.1   | 295.1   | 291.2   | 287.3   | 283.3   | 275.5   | 271.5   | 263.6   |
| 77.5° | 409.2   | 409.2   | 409.2   | 405.3   | 401.4   | 397.4   | 389.6   | 381.7   | 373.8   | 366.0   | 358.1   |
| 75°   | 535.2   | 535.2   | 535.2   | 527.3   | 523.4   | 515.5   | 507.6   | 499.8   | 487.9   | 476.1   | 464.3   |
| 72.5° | 665.0   | 665.0   | 665.0   | 657.2   | 649.3   | 641.4   | 633.5   | 621.7   | 609.9   | 594.2   | 578.5   |
| 70°   | 787.0   | 787.0   | 787.0   | 779.1   | 771.3   | 763.4   | 751.6   | 739.8   | 724.1   | 708.3   | 692.6   |
| 67.5° | 912.9   | 912.9   | 912.9   | 901.1   | 893.3   | 885.4   | 873.6   | 857.8   | 842.1   | 822.4   | 802.8   |
| 65°   | 1015.2  | 1015.2  | 1011.3  | 1007.4  | 999.5   | 987.7   | 979.8   | 964.1   | 948.4   | 932.6   | 912.9   |
| 62.5° | 1109.7  | 1109.7  | 1105.8  | 1101.8  | 1094.0  | 1082.1  | 1070.3  | 1058.5  | 1042.8  | 1023.1  | 1003.4  |
| 60°   | 1188.4  | 1188.4  | 1184.5  | 1180.5  | 1172.7  | 1164.8  | 1153.0  | 1141.2  | 1125.4  | 1109.7  | 1090.0  |
| 57.5° | 1267.1  | 1267.1  | 1263.2  | 1259.2  | 1251.4  | 1239.5  | 1227.7  | 1215.9  | 1200.2  | 1180.5  | 1160.8  |
| 55°   | 1349.7  | 1349.7  | 1345.8  | 1337.9  | 1330.1  | 1318.2  | 1306.4  | 1290.7  | 1271.0  | 1251.4  | 1231.7  |
| 52.5° | 1448.1  | 1448.1  | 1440.2  | 1432.4  | 1420.6  | 1408.8  | 1389.1  | 1369.4  | 1345.8  | 1322.2  | 1298.6  |
| 50°   | 1578.0  | 1578.0  | 1570.1  | 1558.3  | 1538.6  | 1518.9  | 1495.3  | 1463.8  | 1436.3  | 1404.8  | 1373.3  |
| 47.5° | 1770.8  | 1770.8  | 1755.0  | 1735.4  | 1707.8  | 1676.3  | 1633.1  | 1585.8  | 1546.5  | 1507.1  | 1459.9  |
| 45°   | 2054.1  | 2054.1  | 2030.5  | 1999.0  | 1955.7  | 1900.6  | 1837.7  | 1770.8  | 1703.9  | 1637.0  | 1570.1  |
| 42.5° | 2514.5  | 2514.5  | 2471.2  | 2416.1  | 2341.4  | 2246.9  | 2128.9  | 2018.7  | 1924.3  | 1818.0  | 1727.5  |
| 40°   | 3309.4  | 3309.4  | 3226.8  | 3124.4  | 2982.8  | 2801.8  | 2585.3  | 2412.2  | 2246.9  | 2062.0  | 1936.1  |
| 37.5° | 4722.1  | 4722.1  | 4560.7  | 4364.0  | 4088.5  | 3742.3  | 3325.1  | 3045.7  | 2738.8  | 2447.6  | 2235.1  |
| 35°   | 7216.9  | 7216.9  | 6906.1  | 6524.3  | 5993.1  | 5324.2  | 4611.9  | 4084.6  | 3498.3  | 3049.7  | 2652.2  |
| 32.5° | 11309.4 | 11309.4 | 10750.6 | 10062.0 | 9113.6  | 7913.4  | 6772.3  | 5768.8  | 4722.1  | 3978.4  | 3262.2  |
| 30°   | 16173.1 | 16173.1 | 15441.2 | 14540.1 | 13304.5 | 11746.2 | 10121.0 | 8338.4  | 6685.7  | 5359.6  | 4277.4  |
| 27.5° | 21202.2 | 20993.6 | 20364.0 | 19336.9 | 17928.2 | 16173.1 | 14146.6 | 11844.6 | 9609.4  | 7272.0  | 5725.5  |
| 25°   | 26404.3 | 26160.4 | 25440.2 | 24259.7 | 22646.3 | 20659.1 | 18376.8 | 15803.3 | 13044.8 | 10258.7 | 7582.9  |
| 22.5° | 31661.6 | 31386.1 | 30567.6 | 29233.7 | 27423.5 | 25196.3 | 22610.9 | 19750.1 | 16669.0 | 13450.1 | 10258.7 |
| 20°   | 36521.4 | 36230.2 | 35372.4 | 33983.3 | 32110.2 | 29666.5 | 26793.9 | 23622.2 | 20214.5 | 16669.0 | 13044.8 |
| 17.5° | 40590.3 | 40310.9 | 39484.5 | 38158.4 | 36521.4 | 33818.0 | 30831.3 | 27344.8 | 23622.2 | 19750.1 | 15803.3 |
| 15°   | 43561.2 | 43321.2 | 42616.8 | 41503.2 | 39834.7 | 37442.2 | 34400.4 | 30831.3 | 26793.9 | 22610.9 | 18376.8 |
| 12.5° | 45532.7 | 45339.9 | 44785.1 | 43919.3 | 42424.0 | 40417.1 | 37442.2 | 33818.0 | 29666.5 | 25196.3 | 20659.1 |
| 10°   | 46292.2 | 46197.7 | 45938.0 | 45540.6 | 44265.6 | 42424.0 | 39834.7 | 36521.4 | 32110.2 | 27423.5 | 22646.3 |
| 7.5°  | 46091.5 | 46123.0 | 46213.5 | 46111.2 | 45540.6 | 43919.3 | 41503.2 | 38158.4 | 33983.3 | 29233.7 | 24259.7 |
| 5°    | 45375.3 | 45544.5 | 45965.6 | 46213.5 | 45938.0 | 44785.1 | 42616.8 | 39484.5 | 35372.4 | 30567.6 | 25440.2 |
| 2.5°  | 44737.8 | 45001.5 | 45544.5 | 46123.0 | 46197.7 | 45339.9 | 43321.2 | 40310.9 | 36230.2 | 31386.1 | 26160.4 |
| 0°    | 44423.0 | 44737.8 | 45375.3 | 46091.5 | 46292.2 | 45532.7 | 43561.2 | 40590.3 | 36521.4 | 31661.6 | 26404.3 |

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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° | 47.2    | 43.3    | 43.3    | 43.3   | 39.4   | 39.4   | 39.4   | 35.4   | 35.4   | 31.5   | 31.5   |
| 85°   | 110.2   | 106.2   | 102.3   | 98.4   | 94.4   | 90.5   | 86.6   | 82.6   | 78.7   | 70.8   | 66.9   |
| 82.5° | 177.1   | 173.1   | 169.2   | 161.3  | 157.4  | 149.5  | 141.7  | 133.8  | 125.9  | 122.0  | 114.1  |
| 80°   | 255.8   | 247.9   | 240.0   | 232.2  | 220.4  | 208.6  | 200.7  | 188.9  | 181.0  | 169.2  | 161.3  |
| 77.5° | 346.3   | 334.5   | 322.7   | 306.9  | 295.1  | 283.3  | 267.6  | 255.8  | 240.0  | 224.3  | 208.6  |
| 75°   | 448.6   | 432.9   | 413.2   | 397.4  | 381.7  | 362.0  | 342.4  | 322.7  | 303.0  | 283.3  | 263.6  |
| 72.5° | 558.8   | 539.1   | 519.4   | 499.8  | 476.1  | 448.6  | 425.0  | 397.4  | 373.8  | 350.2  | 322.7  |
| 70°   | 672.9   | 649.3   | 625.7   | 602.1  | 574.5  | 543.0  | 515.5  | 484.0  | 452.5  | 421.1  | 389.6  |
| 67.5° | 779.1   | 755.5   | 728.0   | 704.4  | 672.9  | 641.4  | 606.0  | 570.6  | 535.2  | 495.8  | 456.5  |
| 65°   | 889.3   | 861.8   | 830.3   | 798.8  | 767.3  | 731.9  | 696.5  | 661.1  | 617.8  | 574.5  | 535.2  |
| 62.5° | 979.8   | 956.2   | 928.7   | 897.2  | 861.8  | 822.4  | 787.0  | 739.8  | 696.5  | 653.2  | 602.1  |
| 60°   | 1066.4  | 1038.9  | 1015.2  | 979.8  | 948.4  | 912.9  | 869.7  | 822.4  | 775.2  | 724.1  | 676.8  |
| 57.5° | 1141.2  | 1117.6  | 1090.0  | 1058.5 | 1023.1 | 987.7  | 948.4  | 905.1  | 850.0  | 798.8  | 743.7  |
| 55°   | 1208.1  | 1180.5  | 1153.0  | 1125.4 | 1094.0 | 1054.6 | 1015.2 | 972.0  | 924.7  | 869.7  | 810.6  |
| 52.5° | 1275.0  | 1247.4  | 1215.9  | 1188.4 | 1153.0 | 1117.6 | 1078.2 | 1034.9 | 987.7  | 936.5  | 873.6  |
| 50°   | 1341.9  | 1310.4  | 1278.9  | 1243.5 | 1208.1 | 1172.7 | 1133.3 | 1094.0 | 1042.8 | 991.6  | 936.5  |
| 47.5° | 1420.6  | 1381.2  | 1341.9  | 1302.5 | 1267.1 | 1223.8 | 1184.5 | 1141.2 | 1097.9 | 1042.8 | 987.7  |
| 45°   | 1518.9  | 1459.9  | 1412.7  | 1365.5 | 1322.2 | 1278.9 | 1231.7 | 1188.4 | 1141.2 | 1094.0 | 1034.9 |
| 42.5° | 1640.9  | 1562.2  | 1499.3  | 1436.3 | 1381.2 | 1330.1 | 1282.8 | 1231.7 | 1184.5 | 1133.3 | 1078.2 |
| 40°   | 1806.2  | 1700.0  | 1597.6  | 1518.9 | 1448.1 | 1385.1 | 1330.1 | 1278.9 | 1223.8 | 1172.7 | 1117.6 |
| 37.5° | 2022.6  | 1873.1  | 1731.4  | 1617.3 | 1526.8 | 1448.1 | 1381.2 | 1322.2 | 1267.1 | 1208.1 | 1153.0 |
| 35°   | 2349.2  | 2089.5  | 1908.5  | 1743.2 | 1617.3 | 1518.9 | 1436.3 | 1365.5 | 1302.5 | 1243.5 | 1188.4 |
| 32.5° | 2809.6  | 2408.3  | 2117.1  | 1908.5 | 1731.4 | 1597.6 | 1499.3 | 1412.7 | 1341.9 | 1278.9 | 1215.9 |
| 30°   | 3415.6  | 2860.8  | 2408.3  | 2089.5 | 1873.1 | 1700.0 | 1562.2 | 1459.9 | 1381.2 | 1310.4 | 1247.4 |
| 27.5° | 4375.8  | 3415.6  | 2809.6  | 2349.2 | 2022.6 | 1806.2 | 1640.9 | 1518.9 | 1420.6 | 1341.9 | 1275.0 |
| 25°   | 5725.5  | 4277.4  | 3262.2  | 2652.2 | 2235.1 | 1936.1 | 1727.5 | 1570.1 | 1459.9 | 1373.3 | 1298.6 |
| 22.5° | 7272.0  | 5359.6  | 3978.4  | 3049.7 | 2447.6 | 2062.0 | 1818.0 | 1637.0 | 1507.1 | 1404.8 | 1322.2 |
| 20°   | 9609.4  | 6685.7  | 4722.1  | 3498.3 | 2738.8 | 2246.9 | 1924.3 | 1703.9 | 1546.5 | 1436.3 | 1345.8 |
| 17.5° | 11844.6 | 8338.4  | 5768.8  | 4084.6 | 3045.7 | 2412.2 | 2018.7 | 1770.8 | 1585.8 | 1463.8 | 1369.4 |
| 15°   | 14146.6 | 10121.0 | 6772.3  | 4611.9 | 3325.1 | 2585.3 | 2128.9 | 1837.7 | 1633.1 | 1495.3 | 1389.1 |
| 12.5° | 16173.1 | 11746.2 | 7913.4  | 5324.2 | 3742.3 | 2801.8 | 2246.9 | 1900.6 | 1676.3 | 1518.9 | 1408.8 |
| 10°   | 17928.2 | 13304.5 | 9113.6  | 5993.1 | 4088.5 | 2982.8 | 2341.4 | 1955.7 | 1707.8 | 1538.6 | 1420.6 |
| 7.5°  | 19336.9 | 14540.1 | 10062.0 | 6524.3 | 4364.0 | 3124.4 | 2416.1 | 1999.0 | 1735.4 | 1558.3 | 1432.4 |
| 5°    | 20364.0 | 15441.2 | 10750.6 | 6906.1 | 4560.7 | 3226.8 | 2471.2 | 2030.5 | 1755.0 | 1570.1 | 1440.2 |
| 2.5°  | 20993.6 | 16173.1 | 11309.4 | 7216.9 | 4722.1 | 3309.4 | 2514.5 | 2054.1 | 1770.8 | 1578.0 | 1448.1 |
| 0°    | 21202.2 | 16173.1 | 11309.4 | 7216.9 | 4722.1 | 3309.4 | 2514.5 | 2054.1 | 1770.8 | 1578.0 | 1448.1 |

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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° | 27.5   | 27.5   | 23.6   | 23.6   | 19.7   | 19.7  | 15.7  | 15.7  | 11.8  | 11.8  | 7.9   |
| 85°   | 63.0   | 55.1   | 51.2   | 47.2   | 43.3   | 39.4  | 35.4  | 31.5  | 27.5  | 23.6  | 19.7  |
| 82.5° | 106.2  | 98.4   | 86.6   | 78.7   | 70.8   | 63.0  | 51.2  | 47.2  | 39.4  | 31.5  | 27.5  |
| 80°   | 149.5  | 137.7  | 125.9  | 114.1  | 102.3  | 90.5  | 78.7  | 66.9  | 55.1  | 43.3  | 35.4  |
| 77.5° | 192.8  | 177.1  | 165.3  | 149.5  | 133.8  | 118.1 | 102.3 | 86.6  | 70.8  | 55.1  | 43.3  |
| 75°   | 244.0  | 224.3  | 204.6  | 184.9  | 165.3  | 145.6 | 129.9 | 110.2 | 90.5  | 70.8  | 55.1  |
| 72.5° | 299.1  | 271.5  | 247.9  | 224.3  | 196.8  | 177.1 | 153.5 | 133.8 | 110.2 | 86.6  | 66.9  |
| 70°   | 358.1  | 326.6  | 295.1  | 263.6  | 236.1  | 204.6 | 181.0 | 153.5 | 129.9 | 102.3 | 78.7  |
| 67.5° | 417.1  | 381.7  | 346.3  | 306.9  | 271.5  | 240.0 | 204.6 | 177.1 | 145.6 | 118.1 | 90.5  |
| 65°   | 487.9  | 440.7  | 397.4  | 354.2  | 310.9  | 271.5 | 236.1 | 196.8 | 165.3 | 133.8 | 102.3 |
| 62.5° | 554.8  | 503.7  | 452.5  | 401.4  | 354.2  | 306.9 | 263.6 | 224.3 | 184.9 | 149.5 | 114.1 |
| 60°   | 621.7  | 566.7  | 507.6  | 452.5  | 397.4  | 346.3 | 295.1 | 247.9 | 204.6 | 165.3 | 125.9 |
| 57.5° | 688.6  | 625.7  | 566.7  | 503.7  | 440.7  | 381.7 | 326.6 | 271.5 | 224.3 | 177.1 | 137.7 |
| 55°   | 747.7  | 688.6  | 621.7  | 554.8  | 487.9  | 417.1 | 358.1 | 299.1 | 244.0 | 192.8 | 149.5 |
| 52.5° | 810.6  | 743.7  | 676.8  | 602.1  | 535.2  | 456.5 | 389.6 | 322.7 | 263.6 | 208.6 | 161.3 |
| 50°   | 869.7  | 798.8  | 724.1  | 653.2  | 574.5  | 495.8 | 421.1 | 350.2 | 283.3 | 224.3 | 169.2 |
| 47.5° | 924.7  | 850.0  | 775.2  | 696.5  | 617.8  | 535.2 | 452.5 | 373.8 | 303.0 | 240.0 | 181.0 |
| 45°   | 972.0  | 905.1  | 822.4  | 739.8  | 661.1  | 570.6 | 484.0 | 397.4 | 322.7 | 255.8 | 188.9 |
| 42.5° | 1015.2 | 948.4  | 869.7  | 787.0  | 696.5  | 606.0 | 515.5 | 425.0 | 342.4 | 267.6 | 200.7 |
| 40°   | 1054.6 | 987.7  | 912.9  | 822.4  | 731.9  | 641.4 | 543.0 | 448.6 | 362.0 | 283.3 | 208.6 |
| 37.5° | 1094.0 | 1023.1 | 948.4  | 861.8  | 767.3  | 672.9 | 574.5 | 476.1 | 381.7 | 295.1 | 220.4 |
| 35°   | 1125.4 | 1058.5 | 979.8  | 897.2  | 798.8  | 704.4 | 602.1 | 499.8 | 397.4 | 306.9 | 232.2 |
| 32.5° | 1153.0 | 1090.0 | 1015.2 | 928.7  | 830.3  | 728.0 | 625.7 | 519.4 | 413.2 | 322.7 | 240.0 |
| 30°   | 1180.5 | 1117.6 | 1038.9 | 956.2  | 861.8  | 755.5 | 649.3 | 539.1 | 432.9 | 334.5 | 247.9 |
| 27.5° | 1208.1 | 1141.2 | 1066.4 | 979.8  | 889.3  | 779.1 | 672.9 | 558.8 | 448.6 | 346.3 | 255.8 |
| 25°   | 1231.7 | 1160.8 | 1090.0 | 1003.4 | 912.9  | 802.8 | 692.6 | 578.5 | 464.3 | 358.1 | 263.6 |
| 22.5° | 1251.4 | 1180.5 | 1109.7 | 1023.1 | 932.6  | 822.4 | 708.3 | 594.2 | 476.1 | 366.0 | 271.5 |
| 20°   | 1271.0 | 1200.2 | 1125.4 | 1042.8 | 948.4  | 842.1 | 724.1 | 609.9 | 487.9 | 373.8 | 275.5 |
| 17.5° | 1290.7 | 1215.9 | 1141.2 | 1058.5 | 964.1  | 857.8 | 739.8 | 621.7 | 499.8 | 381.7 | 283.3 |
| 15°   | 1306.4 | 1227.7 | 1153.0 | 1070.3 | 979.8  | 873.6 | 751.6 | 633.5 | 507.6 | 389.6 | 287.3 |
| 12.5° | 1318.2 | 1239.5 | 1164.8 | 1082.1 | 987.7  | 885.4 | 763.4 | 641.4 | 515.5 | 397.4 | 291.2 |
| 10°   | 1330.1 | 1251.4 | 1172.7 | 1094.0 | 999.5  | 893.3 | 771.3 | 649.3 | 523.4 | 401.4 | 295.1 |
| 7.5°  | 1337.9 | 1259.2 | 1180.5 | 1101.8 | 1007.4 | 901.1 | 779.1 | 657.2 | 527.3 | 405.3 | 299.1 |
| 5°    | 1345.8 | 1263.2 | 1184.5 | 1105.8 | 1011.3 | 912.9 | 787.0 | 665.0 | 535.2 | 409.2 | 299.1 |
| 2.5°  | 1349.7 | 1267.1 | 1188.4 | 1109.7 | 1015.2 | 912.9 | 787.0 | 665.0 | 535.2 | 409.2 | 299.1 |
| 0°    | 1349.7 | 1267.1 | 1188.4 | 1109.7 | 1015.2 | 912.9 | 787.0 | 665.0 | 535.2 | 409.2 | 299.1 |

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CATALOG NUMBER: IFLD-S-SA6D-830-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 7.9   | 3.9   | 3.9   | 0.0 |
| 85°   | 11.8  | 7.9   | 3.9   | 0.0 |
| 82.5° | 19.7  | 11.8  | 7.9   | 0.0 |
| 80°   | 27.5  | 19.7  | 7.9   | 0.0 |
| 77.5° | 31.5  | 23.6  | 11.8  | 0.0 |
| 75°   | 39.4  | 27.5  | 11.8  | 0.0 |
| 72.5° | 47.2  | 31.5  | 15.7  | 0.0 |
| 70°   | 51.2  | 35.4  | 15.7  | 0.0 |
| 67.5° | 63.0  | 39.4  | 19.7  | 0.0 |
| 65°   | 70.8  | 43.3  | 19.7  | 0.0 |
| 62.5° | 78.7  | 47.2  | 23.6  | 0.0 |
| 60°   | 86.6  | 51.2  | 23.6  | 0.0 |
| 57.5° | 98.4  | 55.1  | 27.5  | 0.0 |
| 55°   | 106.2 | 63.0  | 27.5  | 0.0 |
| 52.5° | 114.1 | 66.9  | 31.5  | 0.0 |
| 50°   | 122.0 | 70.8  | 31.5  | 0.0 |
| 47.5° | 125.9 | 78.7  | 35.4  | 0.0 |
| 45°   | 133.8 | 82.6  | 35.4  | 0.0 |
| 42.5° | 141.7 | 86.6  | 39.4  | 0.0 |
| 40°   | 149.5 | 90.5  | 39.4  | 0.0 |
| 37.5° | 157.4 | 94.4  | 39.4  | 0.0 |
| 35°   | 161.3 | 98.4  | 43.3  | 0.0 |
| 32.5° | 169.2 | 102.3 | 43.3  | 0.0 |
| 30°   | 173.1 | 106.2 | 43.3  | 0.0 |
| 27.5° | 177.1 | 110.2 | 47.2  | 0.0 |
| 25°   | 181.0 | 110.2 | 47.2  | 0.0 |
| 22.5° | 184.9 | 114.1 | 47.2  | 0.0 |
| 20°   | 188.9 | 118.1 | 47.2  | 0.0 |
| 17.5° | 192.8 | 118.1 | 47.2  | 0.0 |
| 15°   | 196.8 | 122.0 | 51.2  | 0.0 |
| 12.5° | 200.7 | 122.0 | 51.2  | 0.0 |
| 10°   | 200.7 | 125.9 | 51.2  | 0.0 |
| 7.5°  | 204.6 | 125.9 | 51.2  | 0.0 |
| 5°    | 204.6 | 125.9 | 51.2  | 0.0 |
| 2.5°  | 204.6 | 125.9 | 51.2  | 0.0 |
| 0°    | 204.6 | 125.9 | 51.2  | 0.0 |

(END OF REPORT)