

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: P628516

Luminaire Tested: **IFLD-M-SA4D-940-U-LAM**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P628516  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4D-940-U-LAM  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/  
Lambertian distribution lens  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

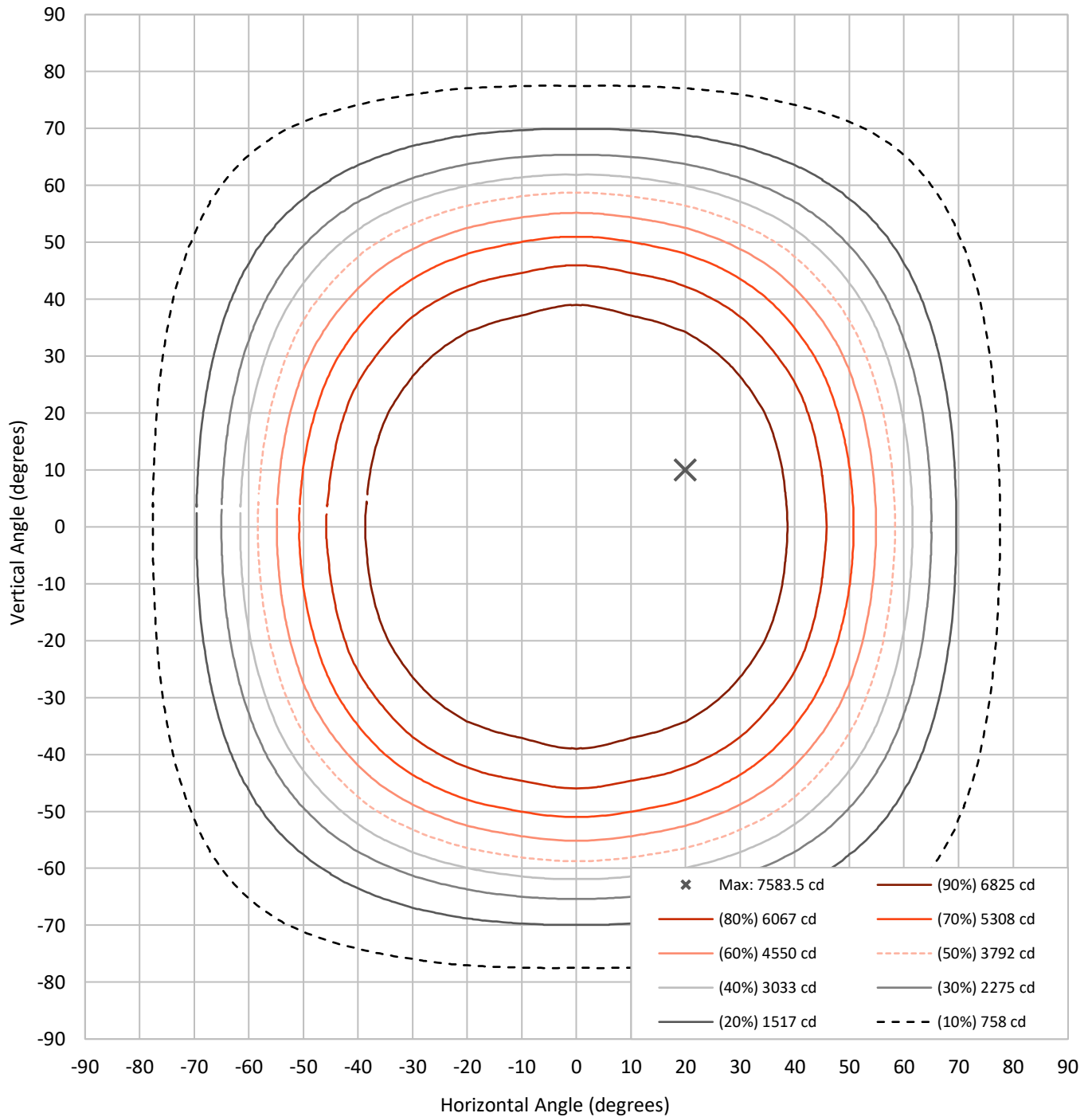
**Summary**

|                                   |                                      |                      |                 |
|-----------------------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 7H x 7V         |
| Luminaire Lumens:                 | 23265.2 lumens                       | Max Intensity:       | 7583.5 candela  |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 20°H x 10°V     |
| Efficacy:                         | 93.2 lumens/watt                     |                      |                 |
| Luminous Opening:                 | Rectangular (W 2' x L: 0.5' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 115.7°H x 112.9°V                    | Field Angle (10%):   | 154.7°H x 154°V |
| Beam Lumens:                      | 14276 lumens                         | Field Lumens:        | 17114.5 lumens  |
| Beam Efficiency:                  | 61.4%                                | Field Efficiency:    | 73.6%           |
| Input Watts (W):                  | 249.7                                |                      |                 |
| 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                                |                      |                 |



REPORT NUMBER: P628516  
CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

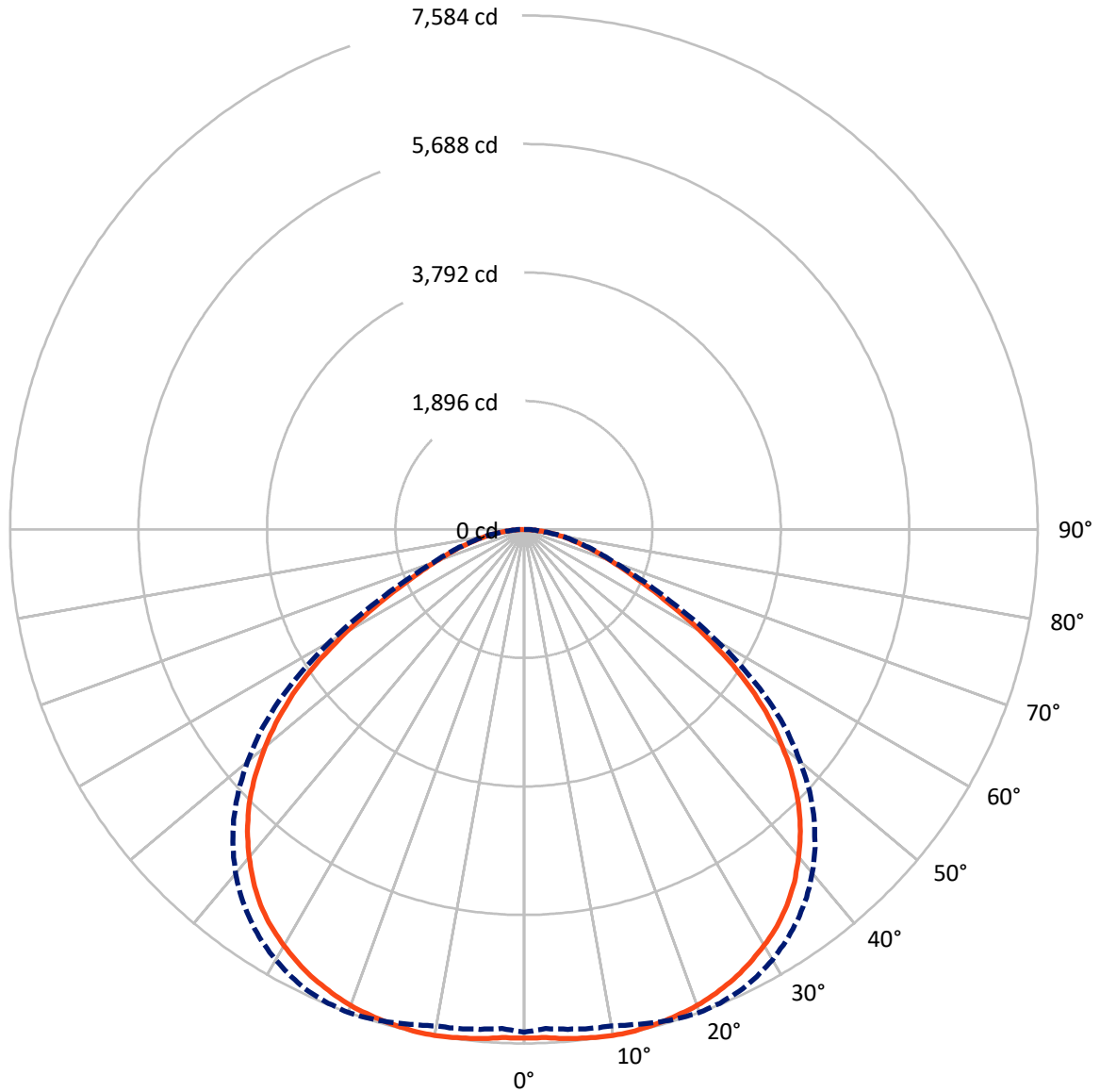
### Iso-Candela Plot





REPORT NUMBER: P628516  
CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

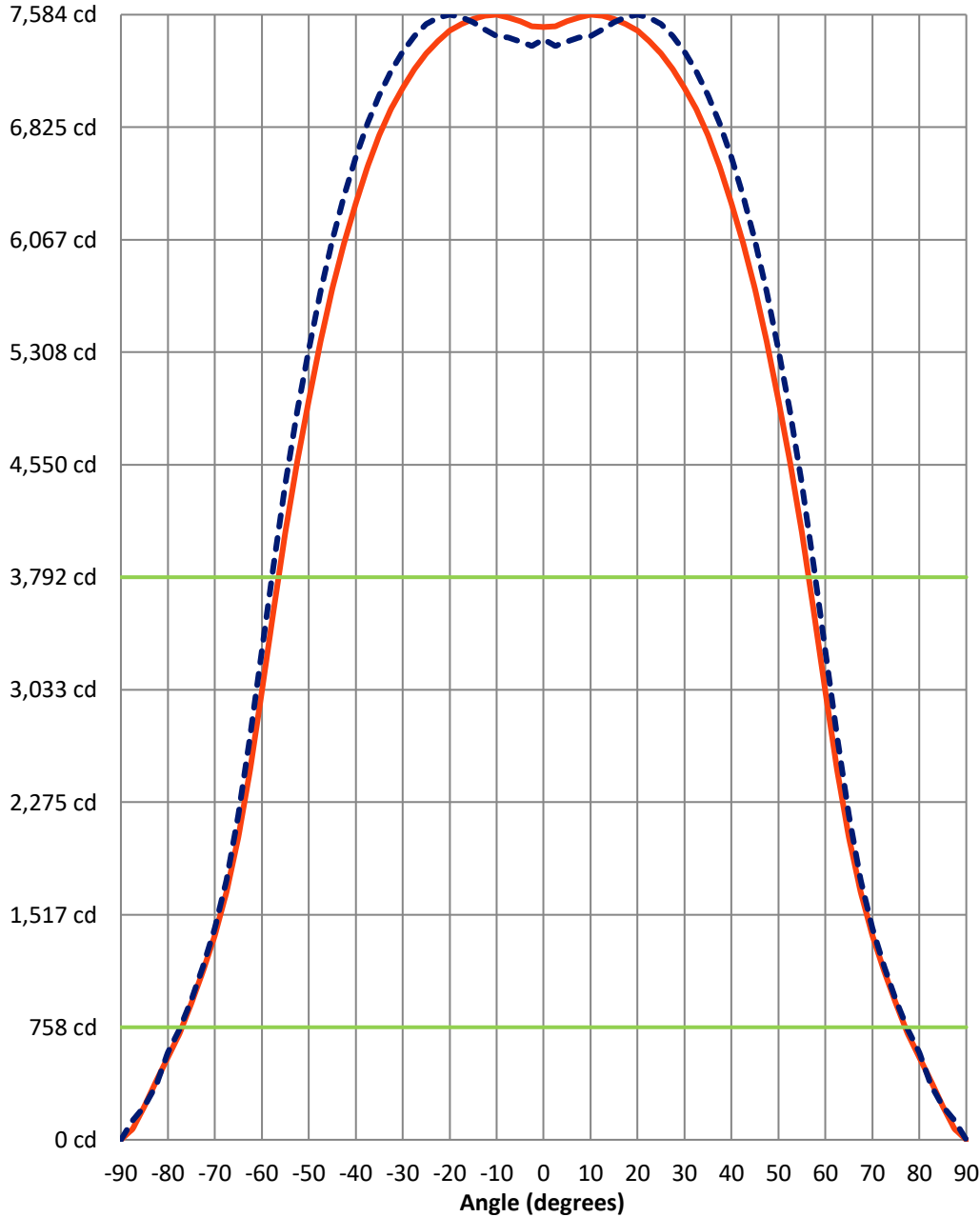
### Luminous Intensity Polar Plot



— Vertical Distribution Through 20-Deg      - - - Horizontal Distribution Through 10-Deg

REPORT NUMBER: P628516  
 CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

### Luminous Intensity Plot



**Beam:**  
 H Angle: 115.7°  
 V Angle: 112.9°  
 Lumens: 14276  
 Efficiency: 61.4%

**Field:**  
 H Angle: 154.7°  
 V Angle: 154°  
 Lumens: 17114.5  
 Efficiency: 73.6%

**Spill:**  
 Lumens: 6150.7  
 Efficiency: 26.4%

- Vertical Distribution through 20-Deg
- - - Horizontal Distribution through 10-Deg



REPORT NUMBER: P628516  
 CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

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° | 61.2   | 66.1   | 68.5   | 71.0   | 73.4   | 75.9   | 78.3   | 75.9   | 73.4   | 73.4   | 71.0   |
| 85°   | 164.0  | 168.9  | 171.4  | 188.5  | 205.6  | 215.4  | 227.7  | 225.2  | 225.2  | 222.8  | 220.3  |
| 82.5° | 328.0  | 342.7  | 354.9  | 372.1  | 381.9  | 396.6  | 406.3  | 399.0  | 394.1  | 384.3  | 377.0  |
| 80°   | 582.6  | 587.5  | 589.9  | 592.4  | 580.1  | 577.7  | 572.8  | 565.5  | 555.7  | 543.4  | 531.2  |
| 77.5° | 741.7  | 746.6  | 751.5  | 746.6  | 744.2  | 741.7  | 734.4  | 727.0  | 717.2  | 707.4  | 692.7  |
| 75°   | 981.6  | 981.6  | 981.6  | 974.3  | 969.4  | 962.0  | 949.8  | 937.5  | 920.4  | 900.8  | 878.8  |
| 72.5° | 1236.2 | 1233.7 | 1231.3 | 1216.6 | 1204.4 | 1189.7 | 1172.5 | 1157.8 | 1138.3 | 1116.2 | 1086.9 |
| 70°   | 1503.0 | 1507.9 | 1510.3 | 1490.8 | 1476.1 | 1456.5 | 1434.5 | 1407.5 | 1378.2 | 1346.3 | 1304.7 |
| 67.5° | 1870.2 | 1865.3 | 1860.4 | 1833.5 | 1813.9 | 1786.9 | 1755.1 | 1716.0 | 1671.9 | 1622.9 | 1564.2 |
| 65°   | 2325.5 | 2332.8 | 2318.1 | 2291.2 | 2254.5 | 2210.4 | 2161.5 | 2105.2 | 2039.1 | 1965.6 | 1882.4 |
| 62.5° | 2876.3 | 2888.5 | 2871.4 | 2837.1 | 2790.6 | 2731.8 | 2663.3 | 2582.5 | 2491.9 | 2389.1 | 2286.3 |
| 60°   | 3502.9 | 3500.5 | 3468.6 | 3422.1 | 3360.9 | 3287.5 | 3211.6 | 3123.5 | 3020.7 | 2900.7 | 2775.9 |
| 57.5° | 4078.2 | 4073.3 | 4034.1 | 3987.6 | 3926.4 | 3848.1 | 3767.3 | 3674.3 | 3566.6 | 3439.3 | 3294.8 |
| 55°   | 4594.7 | 4589.8 | 4550.6 | 4501.6 | 4438.0 | 4359.7 | 4286.2 | 4198.1 | 4092.8 | 3958.2 | 3804.0 |
| 52.5° | 5052.4 | 5054.9 | 5020.6 | 4966.7 | 4898.2 | 4822.3 | 4751.3 | 4663.2 | 4562.8 | 4428.2 | 4278.9 |
| 50°   | 5473.4 | 5471.0 | 5434.3 | 5385.3 | 5321.7 | 5248.2 | 5177.3 | 5089.1 | 4983.9 | 4854.1 | 4709.7 |
| 47.5° | 5865.1 | 5860.2 | 5818.6 | 5764.7 | 5698.7 | 5635.0 | 5568.9 | 5490.6 | 5380.4 | 5250.7 | 5106.3 |
| 45°   | 6193.1 | 6183.3 | 6141.7 | 6090.3 | 6026.7 | 5970.4 | 5911.6 | 5852.9 | 5735.4 | 5615.4 | 5478.3 |
| 42.5° | 6474.6 | 6472.2 | 6430.6 | 6379.2 | 6315.5 | 6266.6 | 6212.7 | 6139.3 | 6041.4 | 5931.2 | 5796.6 |
| 40°   | 6743.9 | 6724.3 | 6682.7 | 6633.7 | 6575.0 | 6533.4 | 6479.5 | 6406.1 | 6310.6 | 6202.9 | 6073.2 |
| 37.5° | 6944.6 | 6947.1 | 6903.0 | 6849.2 | 6797.8 | 6758.6 | 6709.6 | 6641.1 | 6557.9 | 6452.6 | 6322.9 |
| 35°   | 7135.6 | 7123.3 | 7086.6 | 7040.1 | 6993.6 | 6949.5 | 6898.1 | 6839.4 | 6770.8 | 6672.9 | 6550.5 |
| 32.5° | 7260.4 | 7277.5 | 7233.5 | 7184.5 | 7157.6 | 7123.3 | 7069.5 | 7008.3 | 6947.1 | 6849.2 | 6739.0 |
| 30°   | 7397.5 | 7382.8 | 7348.5 | 7306.9 | 7287.3 | 7265.3 | 7218.8 | 7160.0 | 7089.0 | 7000.9 | 6898.1 |
| 27.5° | 7492.9 | 7485.6 | 7444.0 | 7404.8 | 7395.0 | 7375.4 | 7338.7 | 7287.3 | 7216.3 | 7130.7 | 7035.2 |
| 25°   | 7534.6 | 7539.5 | 7500.3 | 7478.3 | 7478.3 | 7466.0 | 7436.6 | 7392.6 | 7321.6 | 7243.3 | 7150.2 |
| 22.5° | 7554.1 | 7549.2 | 7522.3 | 7517.4 | 7529.7 | 7519.9 | 7507.6 | 7468.5 | 7404.8 | 7341.2 | 7262.8 |
| 20°   | 7566.4 | 7532.1 | 7507.6 | 7527.2 | 7541.9 | 7539.5 | 7529.7 | 7505.2 | 7475.8 | 7422.0 | 7353.4 |
| 17.5° | 7539.5 | 7517.4 | 7488.1 | 7517.4 | 7549.2 | 7551.7 | 7541.9 | 7527.2 | 7519.9 | 7485.6 | 7424.4 |
| 15°   | 7473.4 | 7456.2 | 7461.1 | 7490.5 | 7527.2 | 7539.5 | 7546.8 | 7563.9 | 7554.1 | 7527.2 | 7473.4 |
| 12.5° | 7429.3 | 7407.3 | 7429.3 | 7458.7 | 7478.3 | 7485.6 | 7544.4 | 7576.2 | 7576.2 | 7551.7 | 7517.4 |
| 10°   | 7417.1 | 7373.0 | 7402.4 | 7429.3 | 7439.1 | 7483.2 | 7532.1 | 7566.4 | 7583.5 | 7563.9 | 7519.9 |
| 7.5°  | 7392.6 | 7363.2 | 7375.4 | 7387.7 | 7444.0 | 7475.8 | 7502.7 | 7539.5 | 7563.9 | 7561.5 | 7522.3 |
| 5°    | 7380.3 | 7343.6 | 7348.5 | 7399.9 | 7439.1 | 7461.1 | 7470.9 | 7502.7 | 7539.5 | 7546.8 | 7517.4 |
| 2.5°  | 7348.5 | 7331.4 | 7368.1 | 7373.0 | 7402.4 | 7419.5 | 7429.3 | 7458.7 | 7505.2 | 7522.3 | 7510.1 |
| 0°    | 7331.4 | 7306.9 | 7282.4 | 7302.0 | 7351.0 | 7387.7 | 7402.4 | 7446.4 | 7500.3 | 7517.4 | 7490.5 |



REPORT NUMBER: P628516  
 CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

**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° | 68.5   | 66.1   | 63.6   | 61.2   | 63.6   | 63.6   | 63.6   | 61.2   | 63.6   | 61.2   | 61.2   |
| 85°   | 213.0  | 203.2  | 195.8  | 186.0  | 176.2  | 168.9  | 159.1  | 149.3  | 146.9  | 144.4  | 139.5  |
| 82.5° | 367.2  | 354.9  | 342.7  | 328.0  | 313.3  | 296.2  | 279.1  | 259.5  | 254.6  | 249.7  | 242.3  |
| 80°   | 516.5  | 499.4  | 482.2  | 465.1  | 450.4  | 433.3  | 413.7  | 391.7  | 377.0  | 364.7  | 350.0  |
| 77.5° | 673.2  | 648.7  | 624.2  | 594.8  | 577.7  | 560.6  | 541.0  | 518.9  | 496.9  | 477.3  | 455.3  |
| 75°   | 851.9  | 824.9  | 800.5  | 771.1  | 739.3  | 707.4  | 675.6  | 646.2  | 614.4  | 585.0  | 555.7  |
| 72.5° | 1050.1 | 1011.0 | 971.8  | 935.1  | 895.9  | 856.8  | 815.1  | 776.0  | 736.8  | 697.6  | 656.0  |
| 70°   | 1258.2 | 1209.3 | 1160.3 | 1111.3 | 1059.9 | 1008.5 | 959.6  | 910.6  | 861.7  | 810.2  | 763.7  |
| 67.5° | 1503.0 | 1446.7 | 1383.0 | 1314.5 | 1238.6 | 1172.5 | 1108.9 | 1050.1 | 991.4  | 932.6  | 873.9  |
| 65°   | 1809.0 | 1730.6 | 1645.0 | 1552.0 | 1463.8 | 1375.7 | 1282.7 | 1194.6 | 1126.0 | 1057.5 | 991.4  |
| 62.5° | 2186.0 | 2075.8 | 1955.9 | 1835.9 | 1728.2 | 1613.1 | 1505.4 | 1390.4 | 1282.7 | 1184.8 | 1104.0 |
| 60°   | 2636.4 | 2487.0 | 2340.2 | 2186.0 | 2036.6 | 1880.0 | 1742.9 | 1600.9 | 1466.3 | 1346.3 | 1228.8 |
| 57.5° | 3133.3 | 2959.5 | 2783.2 | 2594.7 | 2391.6 | 2208.0 | 2021.9 | 1835.9 | 1676.8 | 1517.7 | 1385.5 |
| 55°   | 3637.5 | 3454.0 | 3255.7 | 3042.7 | 2820.0 | 2585.0 | 2332.8 | 2124.8 | 1906.9 | 1720.9 | 1549.5 |
| 52.5° | 4117.3 | 3926.4 | 3720.8 | 3524.9 | 3258.1 | 2988.9 | 2712.2 | 2438.1 | 2183.5 | 1946.1 | 1738.0 |
| 50°   | 4545.7 | 4359.7 | 4161.4 | 3933.7 | 3686.5 | 3400.1 | 3091.7 | 2783.2 | 2482.1 | 2203.1 | 1943.6 |
| 47.5° | 4937.4 | 4756.2 | 4557.9 | 4330.3 | 4105.1 | 3786.9 | 3476.0 | 3135.7 | 2800.4 | 2479.7 | 2176.2 |
| 45°   | 5304.5 | 5121.0 | 4915.3 | 4697.5 | 4438.0 | 4154.0 | 3833.4 | 3490.7 | 3130.8 | 2771.0 | 2420.9 |
| 42.5° | 5637.5 | 5453.9 | 5245.8 | 5020.6 | 4763.6 | 4482.1 | 4171.2 | 3826.0 | 3463.7 | 3072.1 | 2687.8 |
| 40°   | 5928.8 | 5750.1 | 5549.3 | 5314.3 | 5074.4 | 4778.3 | 4472.3 | 4144.3 | 3769.7 | 3375.6 | 2952.1 |
| 37.5° | 6183.3 | 6016.9 | 5818.6 | 5586.1 | 5331.5 | 5067.1 | 4751.3 | 4423.3 | 4085.5 | 3657.1 | 3223.9 |
| 35°   | 6408.5 | 6254.3 | 6051.1 | 5830.8 | 5581.2 | 5302.1 | 5005.9 | 4685.2 | 4320.5 | 3919.0 | 3498.0 |
| 32.5° | 6604.4 | 6447.7 | 6261.7 | 6041.4 | 5799.0 | 5537.1 | 5233.6 | 4910.4 | 4565.3 | 4156.5 | 3698.7 |
| 30°   | 6770.8 | 6619.1 | 6442.8 | 6234.7 | 6002.2 | 5742.7 | 5446.5 | 5121.0 | 4768.5 | 4362.1 | 3909.3 |
| 27.5° | 6915.2 | 6770.8 | 6599.5 | 6406.1 | 6183.3 | 5933.7 | 5635.0 | 5307.0 | 4947.2 | 4555.5 | 4102.6 |
| 25°   | 7040.1 | 6900.6 | 6741.4 | 6557.9 | 6337.5 | 6092.8 | 5811.3 | 5468.6 | 5108.7 | 4714.6 | 4266.6 |
| 22.5° | 7152.7 | 7018.1 | 6858.9 | 6680.3 | 6479.5 | 6234.7 | 5950.8 | 5610.5 | 5245.8 | 4856.6 | 4416.0 |
| 20°   | 7253.1 | 7128.2 | 6971.5 | 6788.0 | 6587.2 | 6340.0 | 6058.5 | 5735.4 | 5368.2 | 4986.3 | 4550.6 |
| 17.5° | 7333.8 | 7223.7 | 7067.0 | 6873.6 | 6672.9 | 6433.0 | 6158.9 | 5862.7 | 5473.4 | 5096.5 | 4663.2 |
| 15°   | 7390.1 | 7282.4 | 7140.5 | 6944.6 | 6748.8 | 6511.3 | 6237.2 | 5931.2 | 5568.9 | 5184.6 | 4756.2 |
| 12.5° | 7429.3 | 7314.3 | 7182.1 | 7000.9 | 6805.1 | 6570.1 | 6303.3 | 6002.2 | 5649.7 | 5262.9 | 4837.0 |
| 10°   | 7439.1 | 7333.8 | 7201.6 | 7040.1 | 6849.2 | 6621.5 | 6359.6 | 6060.9 | 5715.8 | 5324.1 | 4903.1 |
| 7.5°  | 7444.0 | 7343.6 | 7223.7 | 7069.5 | 6881.0 | 6660.7 | 6401.2 | 6107.4 | 5764.7 | 5375.5 | 4952.1 |
| 5°    | 7441.5 | 7346.1 | 7238.4 | 7089.0 | 6900.6 | 6682.7 | 6428.1 | 6139.3 | 5799.0 | 5409.8 | 4988.8 |
| 2.5°  | 7434.2 | 7348.5 | 7248.2 | 7103.7 | 6922.6 | 6707.2 | 6455.0 | 6176.0 | 5835.7 | 5439.2 | 5018.1 |
| 0°    | 7453.8 | 7380.3 | 7253.1 | 7098.8 | 6927.5 | 6707.2 | 6452.6 | 6180.9 | 5840.6 | 5436.7 | 5015.7 |





REPORT NUMBER: P628516  
 CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

**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° | 61.2   | 58.7   | 58.7   | 56.3   | 53.9   | 51.4   | 46.5   | 44.1   | 39.2  | 31.8  | 24.5  |
| 85°   | 132.2  | 124.8  | 117.5  | 112.6  | 107.7  | 102.8  | 95.5   | 88.1   | 78.3  | 63.6  | 49.0  |
| 82.5° | 232.5  | 217.9  | 203.2  | 186.0  | 171.4  | 156.7  | 144.4  | 132.2  | 117.5 | 95.5  | 73.4  |
| 80°   | 332.9  | 310.9  | 288.8  | 264.4  | 242.3  | 217.9  | 195.8  | 176.2  | 156.7 | 127.3 | 97.9  |
| 77.5° | 433.3  | 403.9  | 372.1  | 342.7  | 310.9  | 279.1  | 247.2  | 220.3  | 190.9 | 156.7 | 122.4 |
| 75°   | 526.3  | 492.0  | 462.6  | 421.0  | 381.9  | 340.3  | 298.6  | 261.9  | 225.2 | 183.6 | 146.9 |
| 72.5° | 619.3  | 575.3  | 533.6  | 494.5  | 450.4  | 399.0  | 352.5  | 306.0  | 259.5 | 210.5 | 166.5 |
| 70°   | 712.3  | 658.5  | 607.1  | 560.6  | 511.6  | 460.2  | 403.9  | 350.0  | 293.7 | 235.0 | 183.6 |
| 67.5° | 807.8  | 746.6  | 687.9  | 629.1  | 572.8  | 514.1  | 455.3  | 394.1  | 328.0 | 259.5 | 203.2 |
| 65°   | 913.1  | 837.2  | 766.2  | 700.1  | 634.0  | 570.4  | 504.3  | 438.2  | 364.7 | 286.4 | 220.3 |
| 62.5° | 1018.3 | 935.1  | 851.9  | 768.6  | 695.2  | 624.2  | 553.2  | 479.8  | 399.0 | 315.8 | 237.4 |
| 60°   | 1130.9 | 1035.5 | 940.0  | 847.0  | 756.4  | 678.1  | 599.7  | 521.4  | 435.7 | 342.7 | 254.6 |
| 57.5° | 1255.8 | 1140.7 | 1033.0 | 927.7  | 824.9  | 731.9  | 646.2  | 563.0  | 467.5 | 369.6 | 274.2 |
| 55°   | 1397.7 | 1255.8 | 1128.5 | 1011.0 | 898.4  | 785.8  | 692.7  | 607.1  | 504.3 | 396.6 | 296.2 |
| 52.5° | 1547.1 | 1383.0 | 1228.8 | 1096.6 | 976.7  | 849.4  | 736.8  | 641.3  | 541.0 | 423.5 | 315.8 |
| 50°   | 1720.9 | 1512.8 | 1341.4 | 1179.9 | 1045.2 | 913.1  | 783.3  | 680.5  | 577.7 | 455.3 | 335.4 |
| 47.5° | 1899.6 | 1669.5 | 1454.0 | 1277.8 | 1118.7 | 974.3  | 837.2  | 714.8  | 612.0 | 484.7 | 354.9 |
| 45°   | 2107.6 | 1818.8 | 1581.3 | 1373.3 | 1189.7 | 1037.9 | 891.0  | 751.5  | 641.3 | 514.1 | 374.5 |
| 42.5° | 2308.3 | 1995.0 | 1713.5 | 1478.5 | 1270.4 | 1099.1 | 940.0  | 790.7  | 670.7 | 543.4 | 391.7 |
| 40°   | 2545.8 | 2171.3 | 1840.8 | 1578.9 | 1351.2 | 1157.8 | 988.9  | 832.3  | 697.6 | 570.4 | 408.8 |
| 37.5° | 2773.4 | 2350.0 | 1995.0 | 1689.0 | 1429.6 | 1216.6 | 1037.9 | 871.4  | 722.1 | 597.3 | 430.8 |
| 35°   | 2998.6 | 2548.2 | 2141.9 | 1791.8 | 1510.3 | 1282.7 | 1086.9 | 908.2  | 746.6 | 619.3 | 450.4 |
| 32.5° | 3214.1 | 2734.3 | 2291.2 | 1906.9 | 1598.5 | 1343.9 | 1130.9 | 942.4  | 771.1 | 638.9 | 470.0 |
| 30°   | 3414.8 | 2910.5 | 2438.1 | 2024.4 | 1679.2 | 1400.2 | 1172.5 | 976.7  | 800.5 | 656.0 | 489.6 |
| 27.5° | 3598.4 | 3081.9 | 2585.0 | 2134.5 | 1755.1 | 1451.6 | 1216.6 | 1008.5 | 824.9 | 673.2 | 506.7 |
| 25°   | 3764.8 | 3236.1 | 2719.6 | 2234.9 | 1823.7 | 1507.9 | 1258.2 | 1040.3 | 847.0 | 687.9 | 521.4 |
| 22.5° | 3921.5 | 3378.1 | 2842.0 | 2335.3 | 1906.9 | 1564.2 | 1297.4 | 1069.7 | 869.0 | 702.5 | 536.1 |
| 20°   | 4058.6 | 3507.8 | 2959.5 | 2435.6 | 1980.3 | 1615.6 | 1331.6 | 1096.6 | 888.6 | 712.3 | 550.8 |
| 17.5° | 4168.7 | 3622.9 | 3064.7 | 2523.8 | 2044.0 | 1659.7 | 1361.0 | 1121.1 | 905.7 | 724.6 | 560.6 |
| 15°   | 4266.6 | 3720.8 | 3152.9 | 2599.6 | 2100.3 | 1696.4 | 1387.9 | 1140.7 | 920.4 | 731.9 | 572.8 |
| 12.5° | 4349.9 | 3804.0 | 3228.7 | 2665.7 | 2149.2 | 1728.2 | 1410.0 | 1155.4 | 932.6 | 739.3 | 580.1 |
| 10°   | 4418.4 | 3870.1 | 3292.4 | 2717.1 | 2188.4 | 1752.7 | 1427.1 | 1170.1 | 942.4 | 746.6 | 587.5 |
| 7.5°  | 4469.8 | 3919.0 | 3338.9 | 2761.2 | 2220.2 | 1769.8 | 1441.8 | 1179.9 | 952.2 | 751.5 | 599.7 |
| 5°    | 4509.0 | 3960.7 | 3375.6 | 2790.6 | 2244.7 | 1794.3 | 1458.9 | 1192.1 | 962.0 | 756.4 | 599.7 |
| 2.5°  | 4538.4 | 3994.9 | 3405.0 | 2815.1 | 2264.3 | 1789.4 | 1458.9 | 1189.7 | 962.0 | 756.4 | 597.3 |
| 0°    | 4533.5 | 3997.4 | 3402.5 | 2815.1 | 2264.3 | 1784.5 | 1458.9 | 1187.2 | 962.0 | 756.4 | 597.3 |



REPORT NUMBER: P628516  
 CATALOG NUMBER: IFLD-M-SA4D-940-U-LAM

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 17.1  | 12.2  | 4.9   | 0.0 |
| 85°   | 36.7  | 24.5  | 12.2  | 0.0 |
| 82.5° | 53.9  | 34.3  | 17.1  | 0.0 |
| 80°   | 71.0  | 46.5  | 22.0  | 0.0 |
| 77.5° | 90.6  | 58.7  | 29.4  | 0.0 |
| 75°   | 107.7 | 68.5  | 34.3  | 0.0 |
| 72.5° | 124.8 | 80.8  | 39.2  | 0.0 |
| 70°   | 139.5 | 90.6  | 44.1  | 0.0 |
| 67.5° | 154.2 | 102.8 | 51.4  | 0.0 |
| 65°   | 166.5 | 112.6 | 56.3  | 0.0 |
| 62.5° | 176.2 | 124.8 | 61.2  | 0.0 |
| 60°   | 188.5 | 134.6 | 66.1  | 0.0 |
| 57.5° | 198.3 | 142.0 | 71.0  | 0.0 |
| 55°   | 208.1 | 146.9 | 75.9  | 0.0 |
| 52.5° | 217.9 | 154.2 | 80.8  | 0.0 |
| 50°   | 227.7 | 161.6 | 85.7  | 0.0 |
| 47.5° | 237.4 | 166.5 | 88.1  | 0.0 |
| 45°   | 252.1 | 173.8 | 93.0  | 0.0 |
| 42.5° | 264.4 | 178.7 | 97.9  | 0.0 |
| 40°   | 276.6 | 183.6 | 100.4 | 0.0 |
| 37.5° | 288.8 | 188.5 | 105.3 | 0.0 |
| 35°   | 301.1 | 193.4 | 107.7 | 0.0 |
| 32.5° | 310.9 | 198.3 | 110.2 | 0.0 |
| 30°   | 320.7 | 203.2 | 112.6 | 0.0 |
| 27.5° | 330.5 | 205.6 | 115.1 | 0.0 |
| 25°   | 337.8 | 210.5 | 117.5 | 0.0 |
| 22.5° | 345.2 | 213.0 | 119.9 | 0.0 |
| 20°   | 350.0 | 215.4 | 122.4 | 0.0 |
| 17.5° | 357.4 | 217.9 | 124.8 | 0.0 |
| 15°   | 359.8 | 220.3 | 129.7 | 0.0 |
| 12.5° | 364.7 | 222.8 | 129.7 | 0.0 |
| 10°   | 367.2 | 225.2 | 129.7 | 0.0 |
| 7.5°  | 372.1 | 225.2 | 129.7 | 0.0 |
| 5°    | 369.6 | 225.2 | 129.7 | 0.0 |
| 2.5°  | 369.6 | 225.2 | 129.7 | 0.0 |
| 0°    | 367.2 | 225.2 | 129.7 | 0.0 |

(END OF REPORT)