

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: P628253

Luminaire Tested: **IFLD-M-SA4B-735-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628253
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-735-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

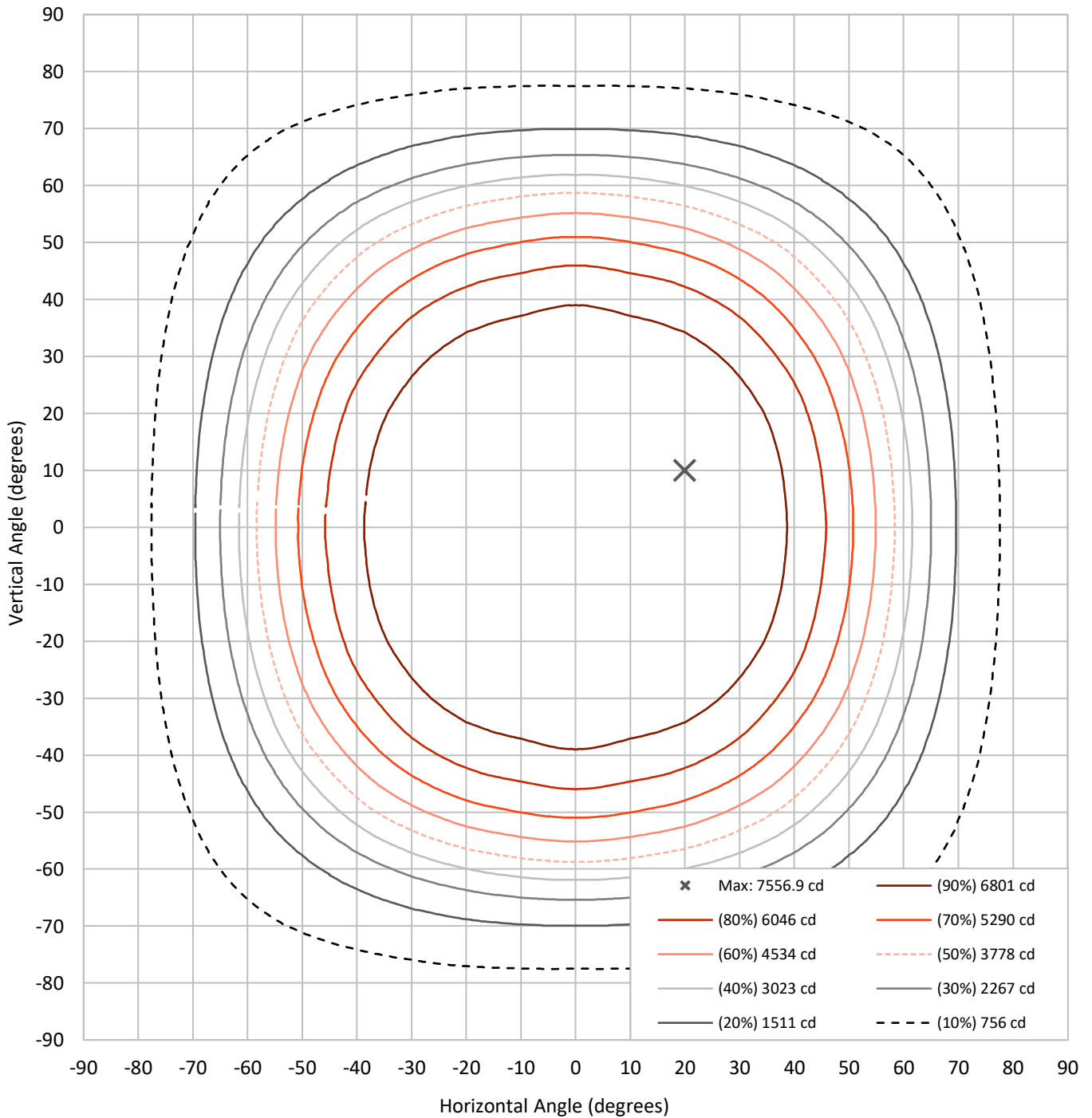
| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 23183.7 lumens | Max Intensity: | 7556.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 139.6 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: | 14226 lumens | Field Lumens: | 17054.5 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |

Input Watts (W): 166.1
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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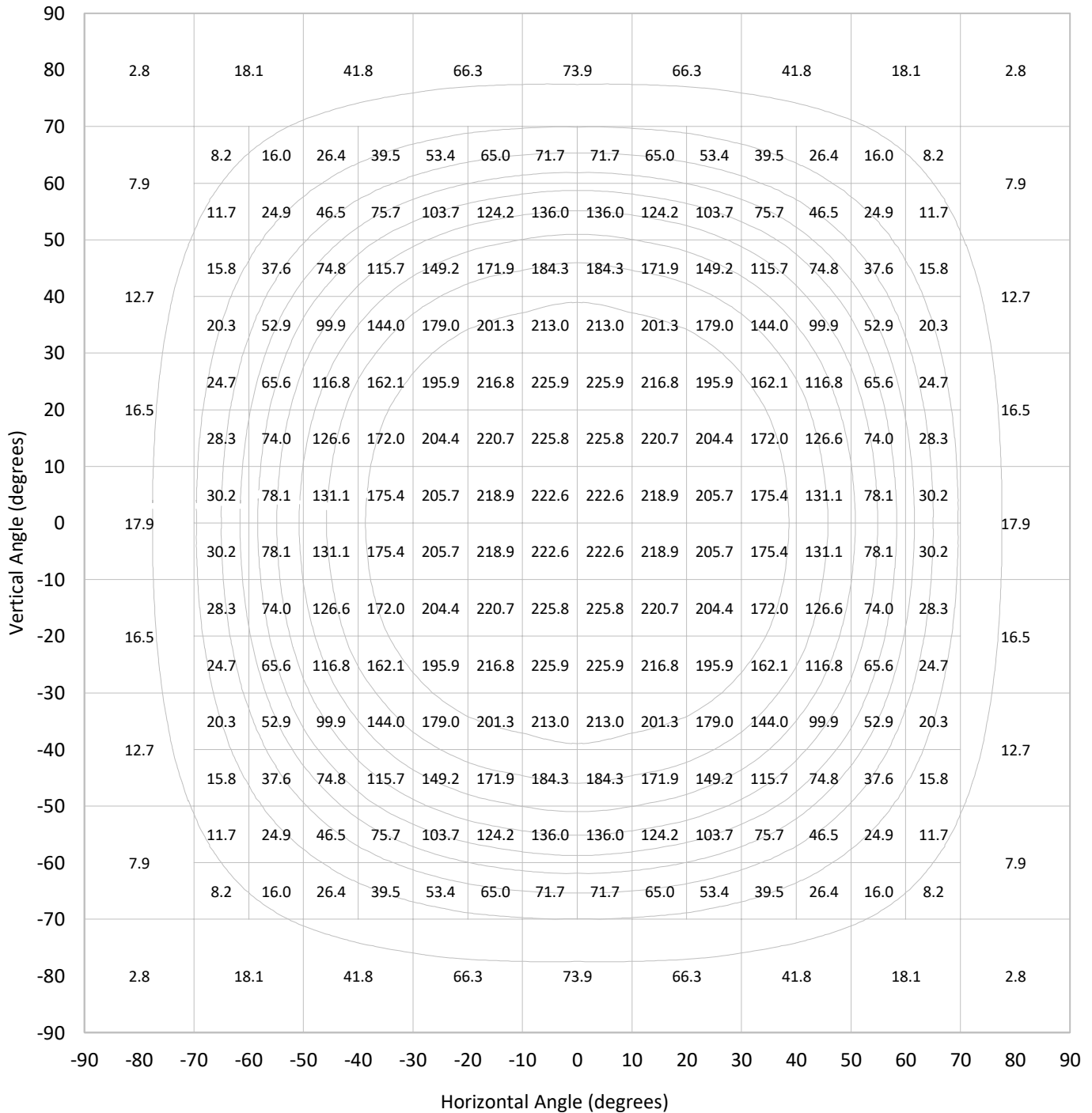
Iso-Candela Plot





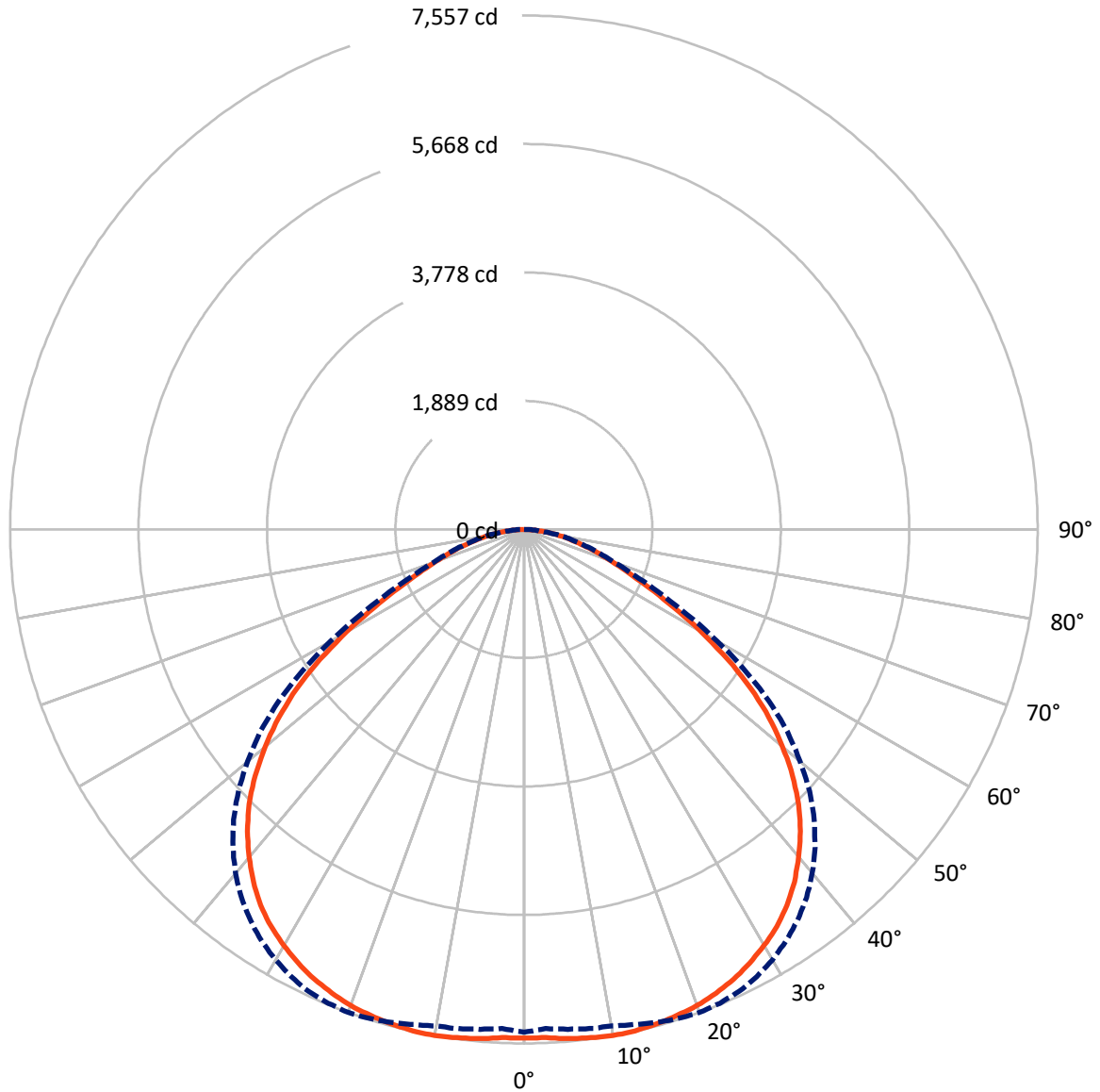
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Lumen Table



REPORT NUMBER: P628253
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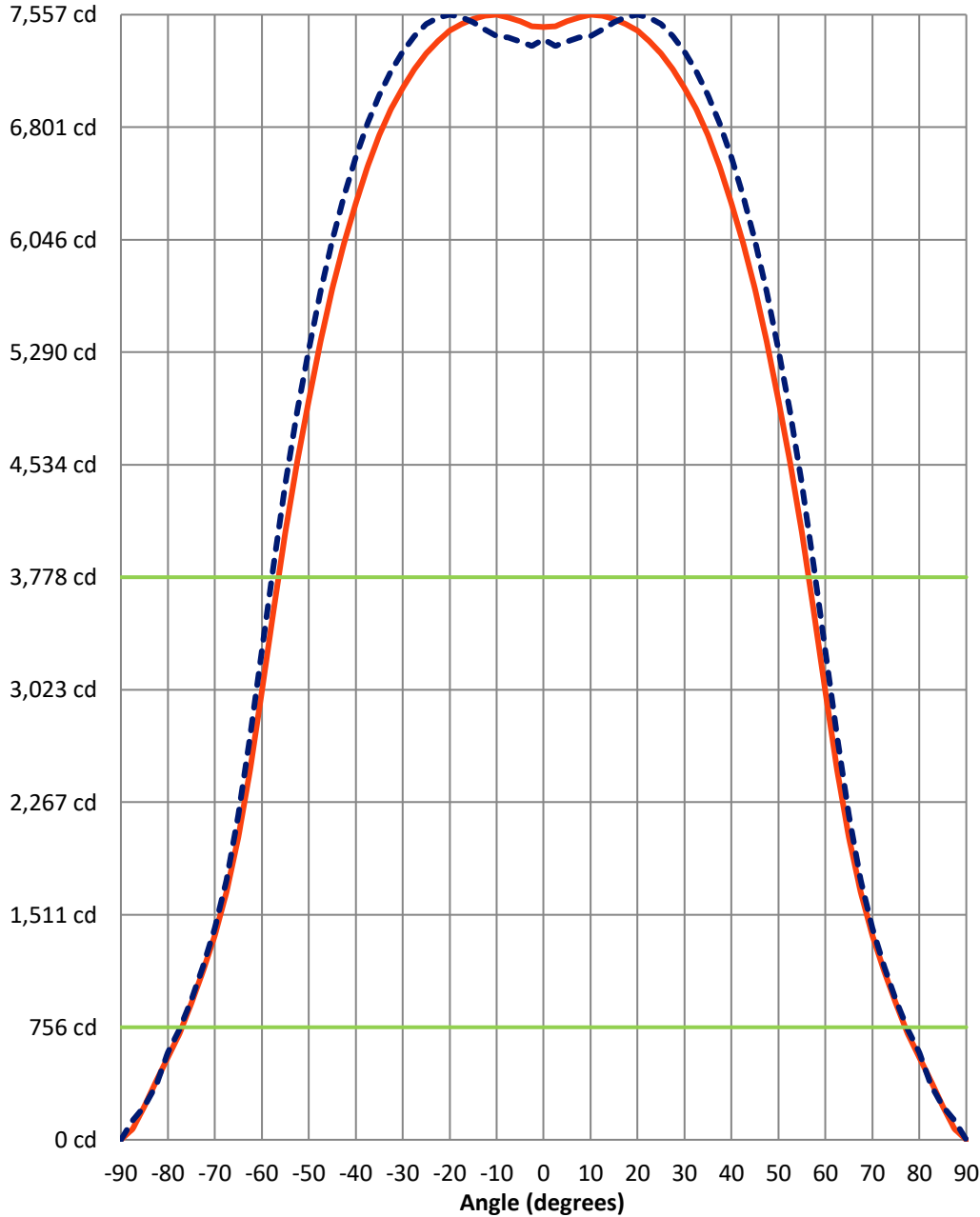
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 14226
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 17054.5
 Efficiency: 73.6%

Spill:
 Lumens: 6129.1
 Efficiency: 26.4%

- Vertical Distribution through 20-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° | 61.0 | 65.9 | 68.3 | 70.7 | 73.2 | 75.6 | 78.1 | 75.6 | 73.2 | 73.2 | 70.7 |
| 85° | 163.4 | 168.3 | 170.8 | 187.8 | 204.9 | 214.7 | 226.9 | 224.4 | 224.4 | 222.0 | 219.5 |
| 82.5° | 326.9 | 341.5 | 353.7 | 370.8 | 380.5 | 395.2 | 404.9 | 397.6 | 392.7 | 383.0 | 375.7 |
| 80° | 580.6 | 585.4 | 587.9 | 590.3 | 578.1 | 575.7 | 570.8 | 563.5 | 553.7 | 541.5 | 529.3 |
| 77.5° | 739.1 | 744.0 | 748.9 | 744.0 | 741.5 | 739.1 | 731.8 | 724.5 | 714.7 | 705.0 | 690.3 |
| 75° | 978.2 | 978.2 | 978.2 | 970.8 | 966.0 | 958.6 | 946.4 | 934.3 | 917.2 | 897.7 | 875.7 |
| 72.5° | 1231.8 | 1229.4 | 1227.0 | 1212.3 | 1200.1 | 1185.5 | 1168.4 | 1153.8 | 1134.3 | 1112.3 | 1083.0 |
| 70° | 1497.7 | 1502.6 | 1505.0 | 1485.5 | 1470.9 | 1451.4 | 1429.4 | 1402.6 | 1373.3 | 1341.6 | 1300.1 |
| 67.5° | 1863.6 | 1858.7 | 1853.9 | 1827.0 | 1807.5 | 1780.7 | 1749.0 | 1709.9 | 1666.0 | 1617.3 | 1558.7 |
| 65° | 2317.3 | 2324.6 | 2310.0 | 2283.2 | 2246.6 | 2202.7 | 2153.9 | 2097.8 | 2031.9 | 1958.8 | 1875.8 |
| 62.5° | 2866.2 | 2878.4 | 2861.3 | 2827.1 | 2780.8 | 2722.3 | 2654.0 | 2573.5 | 2483.2 | 2380.8 | 2278.3 |
| 60° | 3490.6 | 3488.2 | 3456.5 | 3410.1 | 3349.2 | 3276.0 | 3200.4 | 3112.5 | 3010.1 | 2890.6 | 2766.2 |
| 57.5° | 4063.9 | 4059.0 | 4020.0 | 3973.6 | 3912.6 | 3834.6 | 3754.1 | 3661.4 | 3554.1 | 3427.2 | 3283.3 |
| 55° | 4578.6 | 4573.7 | 4534.7 | 4485.9 | 4422.4 | 4344.4 | 4271.2 | 4183.4 | 4078.5 | 3944.3 | 3790.7 |
| 52.5° | 5034.7 | 5037.1 | 5003.0 | 4949.3 | 4881.0 | 4805.4 | 4734.7 | 4646.9 | 4546.8 | 4412.7 | 4263.9 |
| 50° | 5454.3 | 5451.8 | 5415.2 | 5366.5 | 5303.0 | 5229.9 | 5159.1 | 5071.3 | 4966.4 | 4837.1 | 4693.2 |
| 47.5° | 5844.6 | 5839.7 | 5798.2 | 5744.5 | 5678.7 | 5615.3 | 5549.4 | 5471.3 | 5361.6 | 5232.3 | 5088.4 |
| 45° | 6171.4 | 6161.7 | 6120.2 | 6069.0 | 6005.5 | 5949.4 | 5890.9 | 5832.4 | 5715.3 | 5595.7 | 5459.1 |
| 42.5° | 6451.9 | 6449.5 | 6408.0 | 6356.8 | 6293.4 | 6244.6 | 6190.9 | 6117.8 | 6020.2 | 5910.4 | 5776.3 |
| 40° | 6720.3 | 6700.7 | 6659.3 | 6610.5 | 6552.0 | 6510.5 | 6456.8 | 6383.6 | 6288.5 | 6181.2 | 6051.9 |
| 37.5° | 6920.3 | 6922.7 | 6878.8 | 6825.2 | 6773.9 | 6734.9 | 6686.1 | 6617.8 | 6534.9 | 6430.0 | 6300.7 |
| 35° | 7110.6 | 7098.4 | 7061.8 | 7015.4 | 6969.1 | 6925.2 | 6873.9 | 6815.4 | 6747.1 | 6649.5 | 6527.6 |
| 32.5° | 7235.0 | 7252.0 | 7208.1 | 7159.3 | 7132.5 | 7098.4 | 7044.7 | 6983.7 | 6922.7 | 6825.2 | 6715.4 |
| 30° | 7371.6 | 7356.9 | 7322.8 | 7281.3 | 7261.8 | 7239.8 | 7193.5 | 7134.9 | 7064.2 | 6976.4 | 6873.9 |
| 27.5° | 7466.7 | 7459.4 | 7417.9 | 7378.9 | 7369.1 | 7349.6 | 7313.0 | 7261.8 | 7191.0 | 7105.7 | 7010.5 |
| 25° | 7508.2 | 7513.0 | 7474.0 | 7452.1 | 7452.1 | 7439.9 | 7410.6 | 7366.7 | 7295.9 | 7217.9 | 7125.2 |
| 22.5° | 7527.7 | 7522.8 | 7496.0 | 7491.1 | 7503.3 | 7493.5 | 7481.3 | 7442.3 | 7378.9 | 7315.5 | 7237.4 |
| 20° | 7539.9 | 7505.7 | 7481.3 | 7500.8 | 7515.5 | 7513.0 | 7503.3 | 7478.9 | 7449.6 | 7395.9 | 7327.6 |
| 17.5° | 7513.0 | 7491.1 | 7461.8 | 7491.1 | 7522.8 | 7525.2 | 7515.5 | 7500.8 | 7493.5 | 7459.4 | 7398.4 |
| 15° | 7447.2 | 7430.1 | 7435.0 | 7464.2 | 7500.8 | 7513.0 | 7520.4 | 7537.4 | 7527.7 | 7500.8 | 7447.2 |
| 12.5° | 7403.3 | 7381.3 | 7403.3 | 7432.5 | 7452.1 | 7459.4 | 7517.9 | 7549.6 | 7549.6 | 7525.2 | 7491.1 |
| 10° | 7391.1 | 7347.2 | 7376.4 | 7403.3 | 7413.0 | 7456.9 | 7505.7 | 7539.9 | 7556.9 | 7537.4 | 7493.5 |
| 7.5° | 7366.7 | 7337.4 | 7349.6 | 7361.8 | 7417.9 | 7449.6 | 7476.4 | 7513.0 | 7537.4 | 7535.0 | 7496.0 |
| 5° | 7354.5 | 7317.9 | 7322.8 | 7374.0 | 7413.0 | 7435.0 | 7444.7 | 7476.4 | 7513.0 | 7520.4 | 7491.1 |
| 2.5° | 7322.8 | 7305.7 | 7342.3 | 7347.2 | 7376.4 | 7393.5 | 7403.3 | 7432.5 | 7478.9 | 7496.0 | 7483.8 |
| 0° | 7305.7 | 7281.3 | 7256.9 | 7276.4 | 7325.2 | 7361.8 | 7376.4 | 7420.3 | 7474.0 | 7491.1 | 7464.2 |



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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° | 68.3 | 65.9 | 63.4 | 61.0 | 63.4 | 63.4 | 63.4 | 61.0 | 63.4 | 61.0 | 61.0 |
| 85° | 212.2 | 202.5 | 195.1 | 185.4 | 175.6 | 168.3 | 158.6 | 148.8 | 146.4 | 143.9 | 139.0 |
| 82.5° | 365.9 | 353.7 | 341.5 | 326.9 | 312.2 | 295.2 | 278.1 | 258.6 | 253.7 | 248.8 | 241.5 |
| 80° | 514.7 | 497.6 | 480.5 | 463.5 | 448.8 | 431.8 | 412.2 | 390.3 | 375.7 | 363.5 | 348.8 |
| 77.5° | 670.8 | 646.4 | 622.0 | 592.7 | 575.7 | 558.6 | 539.1 | 517.1 | 495.2 | 475.7 | 453.7 |
| 75° | 848.9 | 822.0 | 797.7 | 768.4 | 736.7 | 705.0 | 673.2 | 644.0 | 612.3 | 583.0 | 553.7 |
| 72.5° | 1046.5 | 1007.4 | 968.4 | 931.8 | 892.8 | 853.8 | 812.3 | 773.3 | 734.2 | 695.2 | 653.7 |
| 70° | 1253.8 | 1205.0 | 1156.2 | 1107.4 | 1056.2 | 1005.0 | 956.2 | 907.4 | 858.6 | 807.4 | 761.1 |
| 67.5° | 1497.7 | 1441.6 | 1378.2 | 1309.9 | 1234.3 | 1168.4 | 1105.0 | 1046.5 | 987.9 | 929.4 | 870.8 |
| 65° | 1802.6 | 1724.6 | 1639.2 | 1546.5 | 1458.7 | 1370.9 | 1278.2 | 1190.4 | 1122.1 | 1053.8 | 987.9 |
| 62.5° | 2178.3 | 2068.5 | 1949.0 | 1829.5 | 1722.1 | 1607.5 | 1500.2 | 1385.5 | 1278.2 | 1180.6 | 1100.1 |
| 60° | 2627.1 | 2478.3 | 2332.0 | 2178.3 | 2029.5 | 1873.4 | 1736.8 | 1595.3 | 1461.1 | 1341.6 | 1224.5 |
| 57.5° | 3122.3 | 2949.1 | 2773.5 | 2585.7 | 2383.2 | 2200.2 | 2014.9 | 1829.5 | 1670.9 | 1512.4 | 1380.6 |
| 55° | 3624.8 | 3441.8 | 3244.3 | 3032.0 | 2810.1 | 2575.9 | 2324.6 | 2117.3 | 1900.2 | 1714.8 | 1544.1 |
| 52.5° | 4102.9 | 3912.6 | 3707.7 | 3512.6 | 3246.7 | 2978.4 | 2702.7 | 2429.5 | 2175.9 | 1939.2 | 1731.9 |
| 50° | 4529.8 | 4344.4 | 4146.8 | 3920.0 | 3673.6 | 3388.2 | 3080.8 | 2773.5 | 2473.4 | 2195.4 | 1936.8 |
| 47.5° | 4920.1 | 4739.6 | 4542.0 | 4315.1 | 4090.7 | 3773.6 | 3463.8 | 3124.7 | 2790.6 | 2471.0 | 2168.5 |
| 45° | 5286.0 | 5103.0 | 4898.1 | 4681.0 | 4422.4 | 4139.5 | 3819.9 | 3478.4 | 3119.9 | 2761.3 | 2412.5 |
| 42.5° | 5617.7 | 5434.8 | 5227.4 | 5003.0 | 4746.9 | 4466.4 | 4156.6 | 3812.6 | 3451.6 | 3061.3 | 2678.3 |
| 40° | 5908.0 | 5729.9 | 5529.9 | 5295.7 | 5056.7 | 4761.5 | 4456.6 | 4129.7 | 3756.5 | 3363.8 | 2941.8 |
| 37.5° | 6161.7 | 5995.8 | 5798.2 | 5566.5 | 5312.8 | 5049.3 | 4734.7 | 4407.8 | 4071.2 | 3644.3 | 3212.6 |
| 35° | 6386.1 | 6232.4 | 6029.9 | 5810.4 | 5561.6 | 5283.5 | 4988.4 | 4668.8 | 4305.4 | 3905.3 | 3485.8 |
| 32.5° | 6581.2 | 6425.1 | 6239.7 | 6020.2 | 5778.7 | 5517.7 | 5215.2 | 4893.2 | 4549.3 | 4141.9 | 3685.8 |
| 30° | 6747.1 | 6595.9 | 6420.2 | 6212.9 | 5981.2 | 5722.6 | 5427.4 | 5103.0 | 4751.8 | 4346.8 | 3895.6 |
| 27.5° | 6891.0 | 6747.1 | 6576.3 | 6383.6 | 6161.7 | 5912.9 | 5615.3 | 5288.4 | 4929.8 | 4539.5 | 4088.3 |
| 25° | 7015.4 | 6876.4 | 6717.8 | 6534.9 | 6315.3 | 6071.4 | 5790.9 | 5449.4 | 5090.8 | 4698.1 | 4251.7 |
| 22.5° | 7127.6 | 6993.5 | 6834.9 | 6656.8 | 6456.8 | 6212.9 | 5929.9 | 5590.9 | 5227.4 | 4839.6 | 4400.5 |
| 20° | 7227.6 | 7103.2 | 6947.1 | 6764.2 | 6564.1 | 6317.8 | 6037.3 | 5715.3 | 5349.4 | 4968.8 | 4534.7 |
| 17.5° | 7308.1 | 7198.4 | 7042.3 | 6849.5 | 6649.5 | 6410.5 | 6137.3 | 5842.1 | 5454.3 | 5078.6 | 4646.9 |
| 15° | 7364.2 | 7256.9 | 7115.4 | 6920.3 | 6725.1 | 6488.5 | 6215.3 | 5910.4 | 5549.4 | 5166.4 | 4739.6 |
| 12.5° | 7403.3 | 7288.6 | 7156.9 | 6976.4 | 6781.2 | 6547.1 | 6281.2 | 5981.2 | 5629.9 | 5244.5 | 4820.1 |
| 10° | 7413.0 | 7308.1 | 7176.4 | 7015.4 | 6825.2 | 6598.3 | 6337.3 | 6039.7 | 5695.8 | 5305.5 | 4885.9 |
| 7.5° | 7417.9 | 7317.9 | 7198.4 | 7044.7 | 6856.9 | 6637.3 | 6378.8 | 6086.0 | 5744.5 | 5356.7 | 4934.7 |
| 5° | 7415.5 | 7320.3 | 7213.0 | 7064.2 | 6876.4 | 6659.3 | 6405.6 | 6117.8 | 5778.7 | 5390.8 | 4971.3 |
| 2.5° | 7408.1 | 7322.8 | 7222.8 | 7078.8 | 6898.3 | 6683.7 | 6432.4 | 6154.3 | 5815.3 | 5420.1 | 5000.6 |
| 0° | 7427.7 | 7354.5 | 7227.6 | 7074.0 | 6903.2 | 6683.7 | 6430.0 | 6159.2 | 5820.2 | 5417.7 | 4998.1 |



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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° | 61.0 | 58.5 | 58.5 | 56.1 | 53.7 | 51.2 | 46.3 | 43.9 | 39.0 | 31.7 | 24.4 |
| 85° | 131.7 | 124.4 | 117.1 | 112.2 | 107.3 | 102.5 | 95.1 | 87.8 | 78.1 | 63.4 | 48.8 |
| 82.5° | 231.7 | 217.1 | 202.5 | 185.4 | 170.8 | 156.1 | 143.9 | 131.7 | 117.1 | 95.1 | 73.2 |
| 80° | 331.7 | 309.8 | 287.8 | 263.4 | 241.5 | 217.1 | 195.1 | 175.6 | 156.1 | 126.8 | 97.6 |
| 77.5° | 431.8 | 402.5 | 370.8 | 341.5 | 309.8 | 278.1 | 246.4 | 219.5 | 190.3 | 156.1 | 122.0 |
| 75° | 524.4 | 490.3 | 461.0 | 419.6 | 380.5 | 339.1 | 297.6 | 261.0 | 224.4 | 182.9 | 146.4 |
| 72.5° | 617.1 | 573.2 | 531.8 | 492.7 | 448.8 | 397.6 | 351.3 | 304.9 | 258.6 | 209.8 | 165.9 |
| 70° | 709.8 | 656.2 | 604.9 | 558.6 | 509.8 | 458.6 | 402.5 | 348.8 | 292.7 | 234.2 | 182.9 |
| 67.5° | 805.0 | 744.0 | 685.4 | 626.9 | 570.8 | 512.3 | 453.7 | 392.7 | 326.9 | 258.6 | 202.5 |
| 65° | 909.9 | 834.2 | 763.5 | 697.6 | 631.8 | 568.4 | 502.5 | 436.6 | 363.5 | 285.4 | 219.5 |
| 62.5° | 1014.7 | 931.8 | 848.9 | 765.9 | 692.8 | 622.0 | 551.3 | 478.1 | 397.6 | 314.7 | 236.6 |
| 60° | 1127.0 | 1031.8 | 936.7 | 844.0 | 753.7 | 675.7 | 597.6 | 519.6 | 434.2 | 341.5 | 253.7 |
| 57.5° | 1251.4 | 1136.7 | 1029.4 | 924.5 | 822.0 | 729.3 | 644.0 | 561.0 | 465.9 | 368.3 | 273.2 |
| 55° | 1392.8 | 1251.4 | 1124.5 | 1007.4 | 895.2 | 783.0 | 690.3 | 604.9 | 502.5 | 395.2 | 295.2 |
| 52.5° | 1541.6 | 1378.2 | 1224.5 | 1092.8 | 973.3 | 846.4 | 734.2 | 639.1 | 539.1 | 422.0 | 314.7 |
| 50° | 1714.8 | 1507.5 | 1336.7 | 1175.7 | 1041.6 | 909.9 | 780.6 | 678.1 | 575.7 | 453.7 | 334.2 |
| 47.5° | 1892.9 | 1663.6 | 1448.9 | 1273.3 | 1114.8 | 970.8 | 834.2 | 712.3 | 609.8 | 483.0 | 353.7 |
| 45° | 2100.2 | 1812.4 | 1575.8 | 1368.4 | 1185.5 | 1034.3 | 887.9 | 748.9 | 639.1 | 512.3 | 373.2 |
| 42.5° | 2300.3 | 1988.0 | 1707.5 | 1473.3 | 1266.0 | 1095.2 | 936.7 | 787.9 | 668.4 | 541.5 | 390.3 |
| 40° | 2536.9 | 2163.7 | 1834.4 | 1573.3 | 1346.5 | 1153.8 | 985.5 | 829.4 | 695.2 | 568.4 | 407.4 |
| 37.5° | 2763.7 | 2341.7 | 1988.0 | 1683.1 | 1424.5 | 1212.3 | 1034.3 | 868.4 | 719.6 | 595.2 | 429.3 |
| 35° | 2988.1 | 2539.3 | 2134.4 | 1785.6 | 1505.0 | 1278.2 | 1083.0 | 905.0 | 744.0 | 617.1 | 448.8 |
| 32.5° | 3202.8 | 2724.7 | 2283.2 | 1900.2 | 1592.9 | 1339.2 | 1127.0 | 939.1 | 768.4 | 636.7 | 468.3 |
| 30° | 3402.8 | 2900.3 | 2429.5 | 2017.3 | 1673.4 | 1395.3 | 1168.4 | 973.3 | 797.7 | 653.7 | 487.9 |
| 27.5° | 3585.8 | 3071.1 | 2575.9 | 2127.1 | 1749.0 | 1446.5 | 1212.3 | 1005.0 | 822.0 | 670.8 | 504.9 |
| 25° | 3751.6 | 3224.8 | 2710.1 | 2227.1 | 1817.3 | 1502.6 | 1253.8 | 1036.7 | 844.0 | 685.4 | 519.6 |
| 22.5° | 3907.8 | 3366.2 | 2832.0 | 2327.1 | 1900.2 | 1558.7 | 1292.8 | 1066.0 | 866.0 | 700.1 | 534.2 |
| 20° | 4044.4 | 3495.5 | 2949.1 | 2427.1 | 1973.4 | 1609.9 | 1327.0 | 1092.8 | 885.5 | 709.8 | 548.8 |
| 17.5° | 4154.1 | 3610.2 | 3054.0 | 2514.9 | 2036.8 | 1653.8 | 1356.2 | 1117.2 | 902.5 | 722.0 | 558.6 |
| 15° | 4251.7 | 3707.7 | 3141.8 | 2590.5 | 2092.9 | 1690.4 | 1383.1 | 1136.7 | 917.2 | 729.3 | 570.8 |
| 12.5° | 4334.6 | 3790.7 | 3217.4 | 2656.4 | 2141.7 | 1722.1 | 1405.0 | 1151.3 | 929.4 | 736.7 | 578.1 |
| 10° | 4402.9 | 3856.5 | 3280.9 | 2707.6 | 2180.7 | 1746.5 | 1422.1 | 1166.0 | 939.1 | 744.0 | 585.4 |
| 7.5° | 4454.2 | 3905.3 | 3327.2 | 2751.5 | 2212.4 | 1763.6 | 1436.7 | 1175.7 | 948.9 | 748.9 | 597.6 |
| 5° | 4493.2 | 3946.8 | 3363.8 | 2780.8 | 2236.8 | 1788.0 | 1453.8 | 1187.9 | 958.6 | 753.7 | 597.6 |
| 2.5° | 4522.5 | 3980.9 | 3393.1 | 2805.2 | 2256.3 | 1783.1 | 1453.8 | 1185.5 | 958.6 | 753.7 | 595.2 |
| 0° | 4517.6 | 3983.4 | 3390.6 | 2805.2 | 2256.3 | 1778.2 | 1453.8 | 1183.1 | 958.6 | 753.7 | 595.2 |



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 CATALOG NUMBER: IFLD-M-SA4B-735-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° | 36.6 | 24.4 | 12.2 | 0.0 |
| 82.5° | 53.7 | 34.2 | 17.1 | 0.0 |
| 80° | 70.7 | 46.3 | 22.0 | 0.0 |
| 77.5° | 90.3 | 58.5 | 29.3 | 0.0 |
| 75° | 107.3 | 68.3 | 34.2 | 0.0 |
| 72.5° | 124.4 | 80.5 | 39.0 | 0.0 |
| 70° | 139.0 | 90.3 | 43.9 | 0.0 |
| 67.5° | 153.7 | 102.5 | 51.2 | 0.0 |
| 65° | 165.9 | 112.2 | 56.1 | 0.0 |
| 62.5° | 175.6 | 124.4 | 61.0 | 0.0 |
| 60° | 187.8 | 134.2 | 65.9 | 0.0 |
| 57.5° | 197.6 | 141.5 | 70.7 | 0.0 |
| 55° | 207.3 | 146.4 | 75.6 | 0.0 |
| 52.5° | 217.1 | 153.7 | 80.5 | 0.0 |
| 50° | 226.9 | 161.0 | 85.4 | 0.0 |
| 47.5° | 236.6 | 165.9 | 87.8 | 0.0 |
| 45° | 251.2 | 173.2 | 92.7 | 0.0 |
| 42.5° | 263.4 | 178.1 | 97.6 | 0.0 |
| 40° | 275.6 | 182.9 | 100.0 | 0.0 |
| 37.5° | 287.8 | 187.8 | 104.9 | 0.0 |
| 35° | 300.0 | 192.7 | 107.3 | 0.0 |
| 32.5° | 309.8 | 197.6 | 109.8 | 0.0 |
| 30° | 319.5 | 202.5 | 112.2 | 0.0 |
| 27.5° | 329.3 | 204.9 | 114.6 | 0.0 |
| 25° | 336.6 | 209.8 | 117.1 | 0.0 |
| 22.5° | 343.9 | 212.2 | 119.5 | 0.0 |
| 20° | 348.8 | 214.7 | 122.0 | 0.0 |
| 17.5° | 356.1 | 217.1 | 124.4 | 0.0 |
| 15° | 358.6 | 219.5 | 129.3 | 0.0 |
| 12.5° | 363.5 | 222.0 | 129.3 | 0.0 |
| 10° | 365.9 | 224.4 | 129.3 | 0.0 |
| 7.5° | 370.8 | 224.4 | 129.3 | 0.0 |
| 5° | 368.3 | 224.4 | 129.3 | 0.0 |
| 2.5° | 368.3 | 224.4 | 129.3 | 0.0 |
| 0° | 365.9 | 224.4 | 129.3 | 0.0 |

(END OF REPORT)