

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: P628397

Luminaire Tested: **IFLD-M-SA4A-830-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628397
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-830-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (64) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

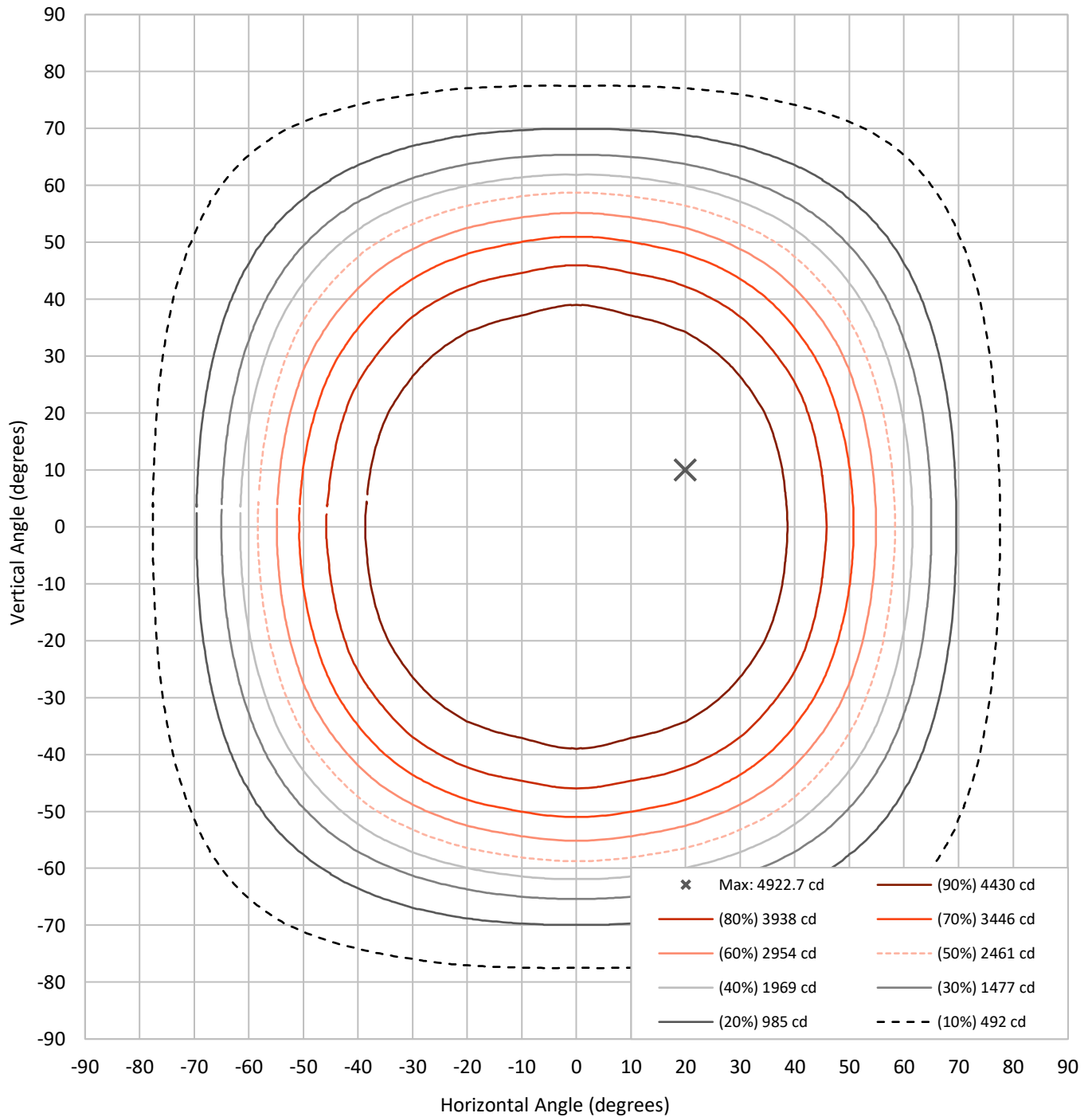
Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 15102.2 lumens | Max Intensity: | 4922.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 117.4 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: | 9267 lumens | Field Lumens: | 11109.6 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |
| Input Watts (W): | 128.6 | | |
| 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: P628397
CATALOG NUMBER: IFLD-M-SA4A-830-U-LAM

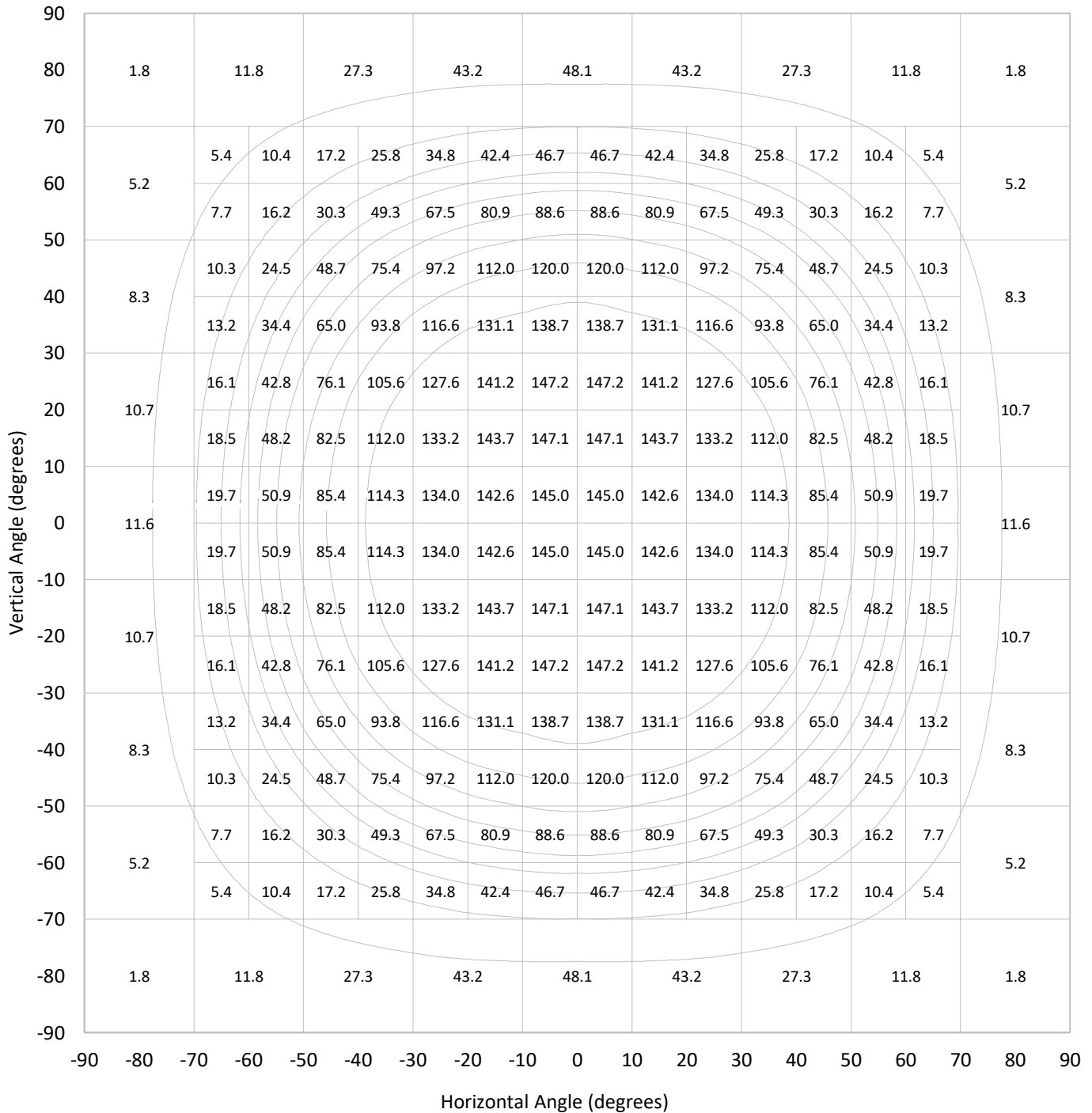
Iso-Candela Plot





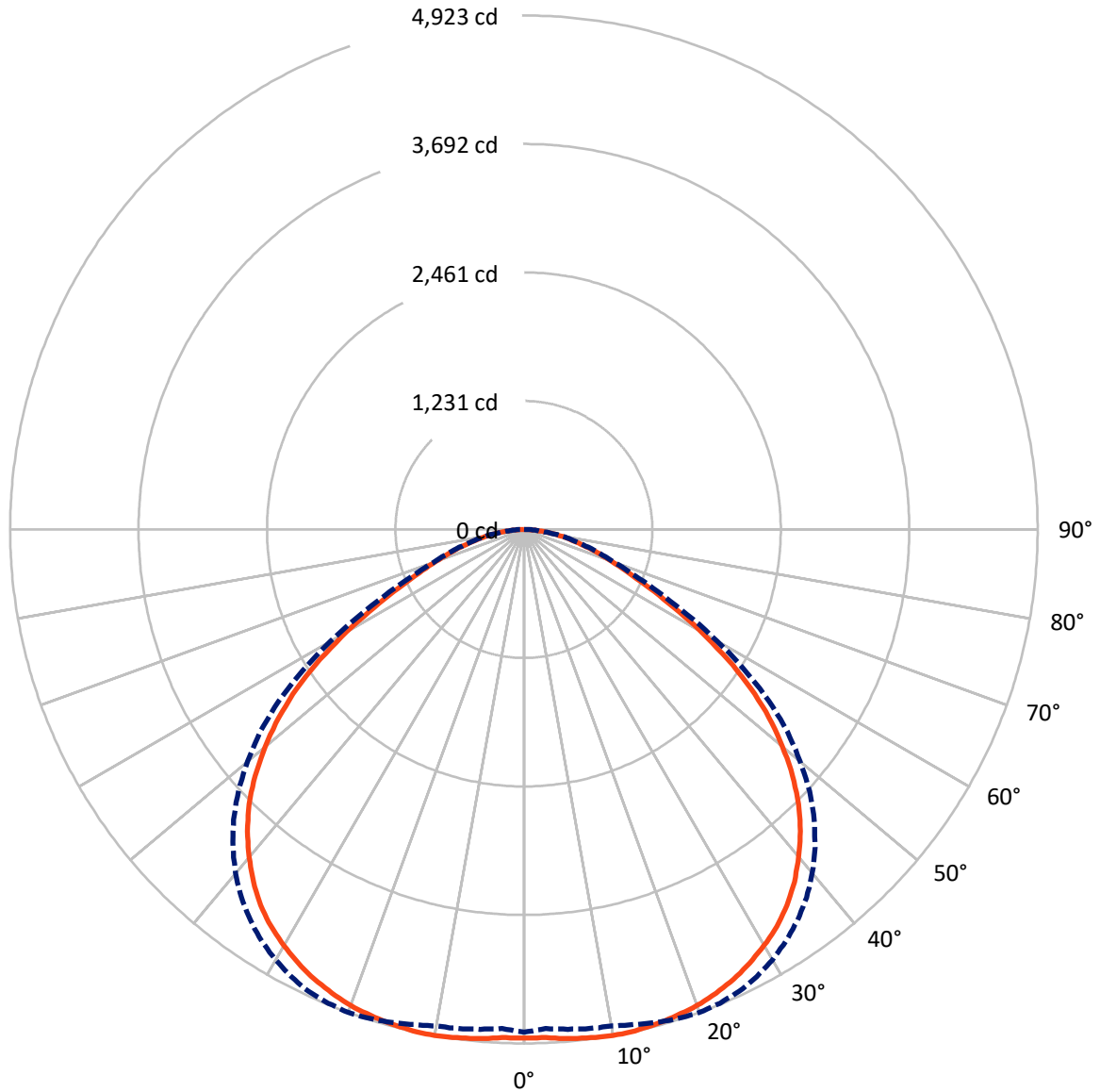
REPORT NUMBER: P628397
 CATALOG NUMBER: IFLD-M-SA4A-830-U-LAM

Lumen Table



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CATALOG NUMBER: IFLD-M-SA4A-830-U-LAM

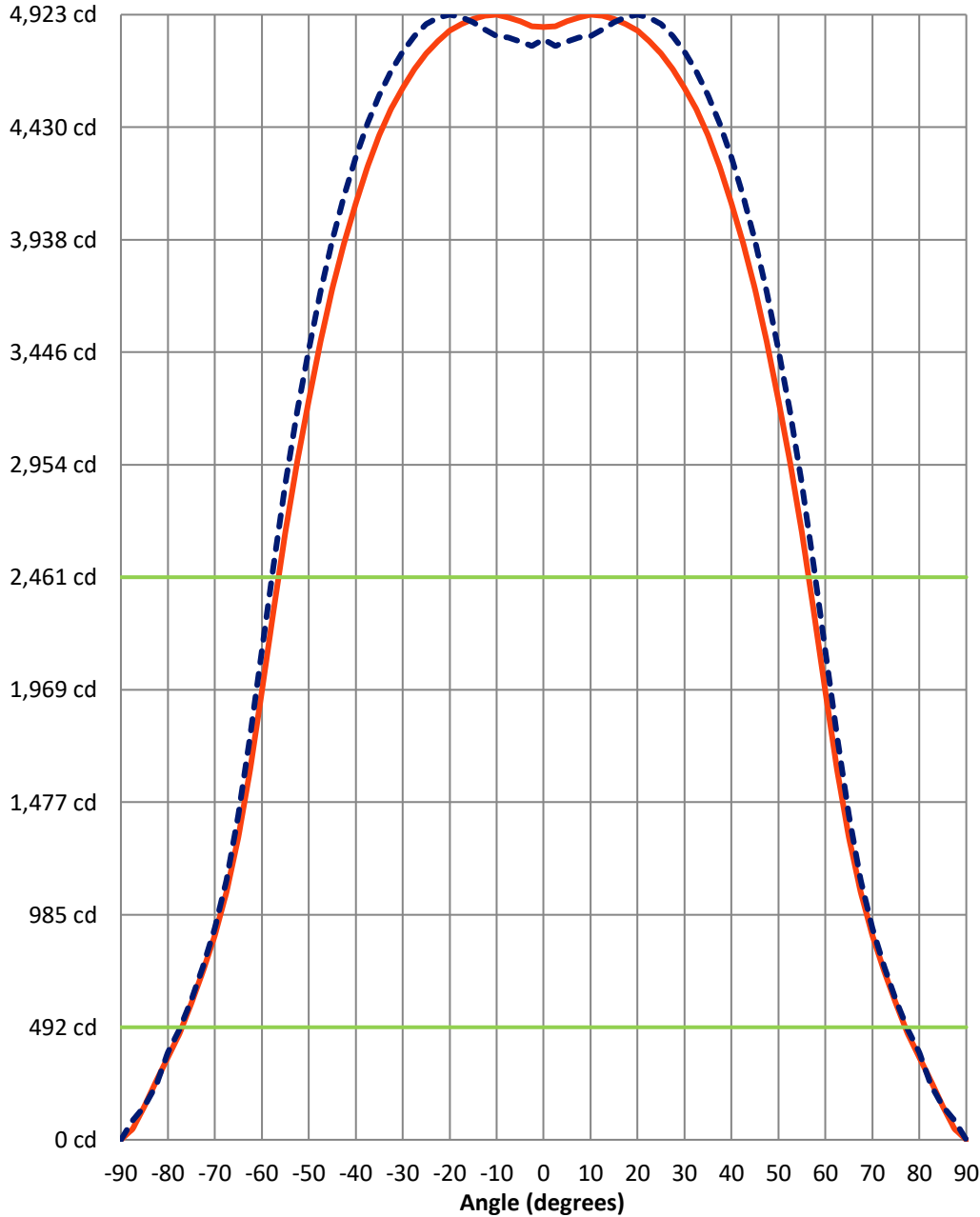
Luminous Intensity Polar Plot



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

REPORT NUMBER: P628397
 CATALOG NUMBER: IFLD-M-SA4A-830-U-LAM

Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 9267
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 11109.6
 Efficiency: 73.6%

Spill:
 Lumens: 3992.6
 Efficiency: 26.4%

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



REPORT NUMBER: P628397
 CATALOG NUMBER: IFLD-M-SA4A-830-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° | 39.7 | 42.9 | 44.5 | 46.1 | 47.7 | 49.3 | 50.8 | 49.3 | 47.7 | 47.7 | 46.1 |
| 85° | 106.5 | 109.6 | 111.2 | 122.4 | 133.5 | 139.8 | 147.8 | 146.2 | 146.2 | 144.6 | 143.0 |
| 82.5° | 212.9 | 222.5 | 230.4 | 241.5 | 247.9 | 257.4 | 263.8 | 259.0 | 255.8 | 249.5 | 244.7 |
| 80° | 378.2 | 381.4 | 382.9 | 384.5 | 376.6 | 375.0 | 371.8 | 367.1 | 360.7 | 352.8 | 344.8 |
| 77.5° | 481.5 | 484.6 | 487.8 | 484.6 | 483.1 | 481.5 | 476.7 | 471.9 | 465.6 | 459.2 | 449.7 |
| 75° | 637.2 | 637.2 | 637.2 | 632.4 | 629.2 | 624.5 | 616.5 | 608.6 | 597.5 | 584.8 | 570.5 |
| 72.5° | 802.4 | 800.9 | 799.3 | 789.7 | 781.8 | 772.3 | 761.1 | 751.6 | 738.9 | 724.6 | 705.5 |
| 70° | 975.6 | 978.8 | 980.4 | 967.7 | 958.2 | 945.5 | 931.2 | 913.7 | 894.6 | 873.9 | 846.9 |
| 67.5° | 1214.0 | 1210.8 | 1207.6 | 1190.2 | 1177.4 | 1160.0 | 1139.3 | 1113.9 | 1085.3 | 1053.5 | 1015.4 |
| 65° | 1509.5 | 1514.3 | 1504.8 | 1487.3 | 1463.5 | 1434.9 | 1403.1 | 1366.5 | 1323.6 | 1276.0 | 1221.9 |
| 62.5° | 1867.1 | 1875.0 | 1863.9 | 1841.6 | 1811.5 | 1773.3 | 1728.8 | 1676.4 | 1617.6 | 1550.9 | 1484.1 |
| 60° | 2273.9 | 2272.3 | 2251.6 | 2221.4 | 2181.7 | 2134.0 | 2084.8 | 2027.6 | 1960.8 | 1883.0 | 1801.9 |
| 57.5° | 2647.3 | 2644.1 | 2618.7 | 2588.5 | 2548.8 | 2497.9 | 2445.5 | 2385.1 | 2315.2 | 2232.5 | 2138.8 |
| 55° | 2982.6 | 2979.4 | 2953.9 | 2922.2 | 2880.9 | 2830.0 | 2782.3 | 2725.1 | 2656.8 | 2569.4 | 2469.3 |
| 52.5° | 3279.7 | 3281.3 | 3259.0 | 3224.1 | 3179.6 | 3130.3 | 3084.2 | 3027.0 | 2961.9 | 2874.5 | 2777.6 |
| 50° | 3553.0 | 3551.4 | 3527.6 | 3495.8 | 3454.5 | 3406.8 | 3360.7 | 3303.5 | 3235.2 | 3151.0 | 3057.2 |
| 47.5° | 3807.2 | 3804.1 | 3777.1 | 3742.1 | 3699.2 | 3657.9 | 3615.0 | 3564.1 | 3492.6 | 3408.4 | 3314.7 |
| 45° | 4020.2 | 4013.8 | 3986.8 | 3953.4 | 3912.1 | 3875.6 | 3837.4 | 3799.3 | 3723.0 | 3645.2 | 3556.2 |
| 42.5° | 4202.9 | 4201.3 | 4174.3 | 4140.9 | 4099.6 | 4067.8 | 4032.9 | 3985.2 | 3921.6 | 3850.1 | 3762.7 |
| 40° | 4377.7 | 4365.0 | 4338.0 | 4306.2 | 4268.1 | 4241.0 | 4206.1 | 4158.4 | 4096.4 | 4026.5 | 3942.3 |
| 37.5° | 4508.0 | 4509.6 | 4481.0 | 4446.0 | 4412.7 | 4387.2 | 4355.4 | 4311.0 | 4256.9 | 4188.6 | 4104.4 |
| 35° | 4631.9 | 4624.0 | 4600.2 | 4570.0 | 4539.8 | 4511.2 | 4477.8 | 4439.7 | 4395.2 | 4331.6 | 4252.2 |
| 32.5° | 4713.0 | 4724.1 | 4695.5 | 4663.7 | 4646.2 | 4624.0 | 4589.0 | 4549.3 | 4509.6 | 4446.0 | 4374.5 |
| 30° | 4802.0 | 4792.4 | 4770.2 | 4743.2 | 4730.5 | 4716.1 | 4686.0 | 4647.8 | 4601.7 | 4544.5 | 4477.8 |
| 27.5° | 4863.9 | 4859.2 | 4832.1 | 4806.7 | 4800.4 | 4787.7 | 4763.8 | 4730.5 | 4684.4 | 4628.8 | 4566.8 |
| 25° | 4890.9 | 4894.1 | 4868.7 | 4854.4 | 4854.4 | 4846.4 | 4827.4 | 4798.8 | 4752.7 | 4701.8 | 4641.5 |
| 22.5° | 4903.7 | 4900.5 | 4883.0 | 4879.8 | 4887.8 | 4881.4 | 4873.5 | 4848.0 | 4806.7 | 4765.4 | 4714.6 |
| 20° | 4911.6 | 4889.3 | 4873.5 | 4886.2 | 4895.7 | 4894.1 | 4887.8 | 4871.9 | 4852.8 | 4817.8 | 4773.4 |
| 17.5° | 4894.1 | 4879.8 | 4860.7 | 4879.8 | 4900.5 | 4902.1 | 4895.7 | 4886.2 | 4881.4 | 4859.2 | 4819.4 |
| 15° | 4851.2 | 4840.1 | 4843.3 | 4862.3 | 4886.2 | 4894.1 | 4898.9 | 4910.0 | 4903.7 | 4886.2 | 4851.2 |
| 12.5° | 4822.6 | 4808.3 | 4822.6 | 4841.7 | 4854.4 | 4859.2 | 4897.3 | 4918.0 | 4918.0 | 4902.1 | 4879.8 |
| 10° | 4814.7 | 4786.1 | 4805.1 | 4822.6 | 4829.0 | 4857.6 | 4889.3 | 4911.6 | 4922.7 | 4910.0 | 4881.4 |
| 7.5° | 4798.8 | 4779.7 | 4787.7 | 4795.6 | 4832.1 | 4852.8 | 4870.3 | 4894.1 | 4910.0 | 4908.4 | 4883.0 |
| 5° | 4790.8 | 4767.0 | 4770.2 | 4803.5 | 4829.0 | 4843.3 | 4849.6 | 4870.3 | 4894.1 | 4898.9 | 4879.8 |
| 2.5° | 4770.2 | 4759.1 | 4782.9 | 4786.1 | 4805.1 | 4816.3 | 4822.6 | 4841.7 | 4871.9 | 4883.0 | 4875.0 |
| 0° | 4759.1 | 4743.2 | 4727.3 | 4740.0 | 4771.8 | 4795.6 | 4805.1 | 4833.7 | 4868.7 | 4879.8 | 4862.3 |



REPORT NUMBER: P628397
 CATALOG NUMBER: IFLD-M-SA4A-830-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° | 44.5 | 42.9 | 41.3 | 39.7 | 41.3 | 41.3 | 41.3 | 39.7 | 41.3 | 39.7 | 39.7 |
| 85° | 138.2 | 131.9 | 127.1 | 120.8 | 114.4 | 109.6 | 103.3 | 96.9 | 95.3 | 93.8 | 90.6 |
| 82.5° | 238.3 | 230.4 | 222.5 | 212.9 | 203.4 | 192.3 | 181.1 | 168.4 | 165.3 | 162.1 | 157.3 |
| 80° | 335.3 | 324.2 | 313.0 | 301.9 | 292.4 | 281.3 | 268.5 | 254.2 | 244.7 | 236.8 | 227.2 |
| 77.5° | 437.0 | 421.1 | 405.2 | 386.1 | 375.0 | 363.9 | 351.2 | 336.9 | 322.6 | 309.9 | 295.6 |
| 75° | 553.0 | 535.5 | 519.6 | 500.5 | 479.9 | 459.2 | 438.6 | 419.5 | 398.8 | 379.8 | 360.7 |
| 72.5° | 681.7 | 656.3 | 630.8 | 607.0 | 581.6 | 556.1 | 529.1 | 503.7 | 478.3 | 452.9 | 425.9 |
| 70° | 816.7 | 785.0 | 753.2 | 721.4 | 688.0 | 654.7 | 622.9 | 591.1 | 559.3 | 526.0 | 495.8 |
| 67.5° | 975.6 | 939.1 | 897.8 | 853.3 | 804.0 | 761.1 | 719.8 | 681.7 | 643.5 | 605.4 | 567.3 |
| 65° | 1174.3 | 1123.4 | 1067.8 | 1007.4 | 950.2 | 893.0 | 832.6 | 775.4 | 730.9 | 686.4 | 643.5 |
| 62.5° | 1419.0 | 1347.5 | 1269.6 | 1191.7 | 1121.8 | 1047.2 | 977.2 | 902.6 | 832.6 | 769.1 | 716.6 |
| 60° | 1711.4 | 1614.4 | 1519.1 | 1419.0 | 1322.0 | 1220.4 | 1131.4 | 1039.2 | 951.8 | 873.9 | 797.7 |
| 57.5° | 2033.9 | 1921.1 | 1806.7 | 1684.3 | 1552.5 | 1433.3 | 1312.5 | 1191.7 | 1088.5 | 985.2 | 899.4 |
| 55° | 2361.3 | 2242.1 | 2113.4 | 1975.1 | 1830.5 | 1678.0 | 1514.3 | 1379.3 | 1237.8 | 1117.1 | 1005.8 |
| 52.5° | 2672.7 | 2548.8 | 2415.3 | 2288.2 | 2115.0 | 1940.2 | 1760.6 | 1582.6 | 1417.4 | 1263.3 | 1128.2 |
| 50° | 2950.8 | 2830.0 | 2701.3 | 2553.5 | 2393.0 | 2207.1 | 2006.9 | 1806.7 | 1611.2 | 1430.1 | 1261.7 |
| 47.5° | 3205.0 | 3087.4 | 2958.7 | 2810.9 | 2664.8 | 2458.2 | 2256.4 | 2035.5 | 1817.8 | 1609.7 | 1412.6 |
| 45° | 3443.4 | 3324.2 | 3190.7 | 3049.3 | 2880.9 | 2696.5 | 2488.4 | 2265.9 | 2032.3 | 1798.7 | 1571.5 |
| 42.5° | 3659.5 | 3540.3 | 3405.2 | 3259.0 | 3092.2 | 2909.5 | 2707.7 | 2483.6 | 2248.4 | 1994.2 | 1744.7 |
| 40° | 3848.6 | 3732.6 | 3602.3 | 3449.7 | 3294.0 | 3101.7 | 2903.1 | 2690.2 | 2447.1 | 2191.2 | 1916.3 |
| 37.5° | 4013.8 | 3905.8 | 3777.1 | 3626.1 | 3460.8 | 3289.2 | 3084.2 | 2871.3 | 2652.0 | 2374.0 | 2092.7 |
| 35° | 4160.0 | 4059.9 | 3928.0 | 3785.0 | 3622.9 | 3441.8 | 3249.5 | 3041.3 | 2804.6 | 2544.0 | 2270.7 |
| 32.5° | 4287.1 | 4185.4 | 4064.7 | 3921.6 | 3764.3 | 3594.3 | 3397.3 | 3187.5 | 2963.5 | 2698.1 | 2401.0 |
| 30° | 4395.2 | 4296.7 | 4182.2 | 4047.2 | 3896.2 | 3727.8 | 3535.5 | 3324.2 | 3095.4 | 2831.6 | 2537.6 |
| 27.5° | 4488.9 | 4395.2 | 4283.9 | 4158.4 | 4013.8 | 3851.7 | 3657.9 | 3444.9 | 3211.4 | 2957.1 | 2663.2 |
| 25° | 4570.0 | 4479.4 | 4376.1 | 4256.9 | 4113.9 | 3955.0 | 3772.3 | 3549.8 | 3316.2 | 3060.4 | 2769.6 |
| 22.5° | 4643.1 | 4555.7 | 4452.4 | 4336.4 | 4206.1 | 4047.2 | 3862.9 | 3642.0 | 3405.2 | 3152.6 | 2866.6 |
| 20° | 4708.2 | 4627.2 | 4525.5 | 4406.3 | 4276.0 | 4115.5 | 3932.8 | 3723.0 | 3484.7 | 3236.8 | 2953.9 |
| 17.5° | 4760.6 | 4689.1 | 4587.4 | 4461.9 | 4331.6 | 4175.9 | 3997.9 | 3805.7 | 3553.0 | 3308.3 | 3027.0 |
| 15° | 4797.2 | 4727.3 | 4635.1 | 4508.0 | 4380.9 | 4226.7 | 4048.8 | 3850.1 | 3615.0 | 3365.5 | 3087.4 |
| 12.5° | 4822.6 | 4747.9 | 4662.1 | 4544.5 | 4417.4 | 4264.9 | 4091.7 | 3896.2 | 3667.4 | 3416.3 | 3139.9 |
| 10° | 4829.0 | 4760.6 | 4674.8 | 4570.0 | 4446.0 | 4298.2 | 4128.2 | 3934.4 | 3710.3 | 3456.1 | 3182.8 |
| 7.5° | 4832.1 | 4767.0 | 4689.1 | 4589.0 | 4466.7 | 4323.7 | 4155.2 | 3964.6 | 3742.1 | 3489.4 | 3214.5 |
| 5° | 4830.6 | 4768.6 | 4698.7 | 4601.7 | 4479.4 | 4338.0 | 4172.7 | 3985.2 | 3764.3 | 3511.7 | 3238.4 |
| 2.5° | 4825.8 | 4770.2 | 4705.0 | 4611.3 | 4493.7 | 4353.9 | 4190.2 | 4009.0 | 3788.2 | 3530.8 | 3257.4 |
| 0° | 4838.5 | 4790.8 | 4708.2 | 4608.1 | 4496.9 | 4353.9 | 4188.6 | 4012.2 | 3791.4 | 3529.2 | 3255.9 |



REPORT NUMBER: P628397
 CATALOG NUMBER: IFLD-M-SA4A-830-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° | 39.7 | 38.1 | 38.1 | 36.5 | 35.0 | 33.4 | 30.2 | 28.6 | 25.4 | 20.7 | 15.9 |
| 85° | 85.8 | 81.0 | 76.3 | 73.1 | 69.9 | 66.7 | 62.0 | 57.2 | 50.8 | 41.3 | 31.8 |
| 82.5° | 151.0 | 141.4 | 131.9 | 120.8 | 111.2 | 101.7 | 93.8 | 85.8 | 76.3 | 62.0 | 47.7 |
| 80° | 216.1 | 201.8 | 187.5 | 171.6 | 157.3 | 141.4 | 127.1 | 114.4 | 101.7 | 82.6 | 63.6 |
| 77.5° | 281.3 | 262.2 | 241.5 | 222.5 | 201.8 | 181.1 | 160.5 | 143.0 | 123.9 | 101.7 | 79.4 |
| 75° | 341.6 | 319.4 | 300.3 | 273.3 | 247.9 | 220.9 | 193.9 | 170.0 | 146.2 | 119.2 | 95.3 |
| 72.5° | 402.0 | 373.4 | 346.4 | 321.0 | 292.4 | 259.0 | 228.8 | 198.6 | 168.4 | 136.7 | 108.1 |
| 70° | 462.4 | 427.4 | 394.1 | 363.9 | 332.1 | 298.7 | 262.2 | 227.2 | 190.7 | 152.5 | 119.2 |
| 67.5° | 524.4 | 484.6 | 446.5 | 408.4 | 371.8 | 333.7 | 295.6 | 255.8 | 212.9 | 168.4 | 131.9 |
| 65° | 592.7 | 543.4 | 497.4 | 454.5 | 411.6 | 370.2 | 327.3 | 284.4 | 236.8 | 185.9 | 143.0 |
| 62.5° | 661.0 | 607.0 | 553.0 | 498.9 | 451.3 | 405.2 | 359.1 | 311.4 | 259.0 | 205.0 | 154.1 |
| 60° | 734.1 | 672.1 | 610.2 | 549.8 | 491.0 | 440.2 | 389.3 | 338.5 | 282.8 | 222.5 | 165.3 |
| 57.5° | 815.2 | 740.5 | 670.6 | 602.2 | 535.5 | 475.1 | 419.5 | 365.5 | 303.5 | 239.9 | 178.0 |
| 55° | 907.3 | 815.2 | 732.5 | 656.3 | 583.2 | 510.1 | 449.7 | 394.1 | 327.3 | 257.4 | 192.3 |
| 52.5° | 1004.2 | 897.8 | 797.7 | 711.9 | 634.0 | 551.4 | 478.3 | 416.3 | 351.2 | 274.9 | 205.0 |
| 50° | 1117.1 | 982.0 | 870.8 | 765.9 | 678.5 | 592.7 | 508.5 | 441.7 | 375.0 | 295.6 | 217.7 |
| 47.5° | 1233.1 | 1083.7 | 943.9 | 829.5 | 726.2 | 632.4 | 543.4 | 464.0 | 397.2 | 314.6 | 230.4 |
| 45° | 1368.1 | 1180.6 | 1026.5 | 891.4 | 772.3 | 673.7 | 578.4 | 487.8 | 416.3 | 333.7 | 243.1 |
| 42.5° | 1498.4 | 1295.0 | 1112.3 | 959.8 | 824.7 | 713.5 | 610.2 | 513.2 | 435.4 | 352.8 | 254.2 |
| 40° | 1652.6 | 1409.4 | 1194.9 | 1024.9 | 877.1 | 751.6 | 642.0 | 540.3 | 452.9 | 370.2 | 265.4 |
| 37.5° | 1800.3 | 1525.4 | 1295.0 | 1096.4 | 928.0 | 789.7 | 673.7 | 565.7 | 468.8 | 387.7 | 279.7 |
| 35° | 1946.5 | 1654.1 | 1390.4 | 1163.1 | 980.4 | 832.6 | 705.5 | 589.5 | 484.6 | 402.0 | 292.4 |
| 32.5° | 2086.4 | 1774.9 | 1487.3 | 1237.8 | 1037.6 | 872.4 | 734.1 | 611.8 | 500.5 | 414.7 | 305.1 |
| 30° | 2216.7 | 1889.3 | 1582.6 | 1314.1 | 1090.1 | 908.9 | 761.1 | 634.0 | 519.6 | 425.9 | 317.8 |
| 27.5° | 2335.8 | 2000.5 | 1678.0 | 1385.6 | 1139.3 | 942.3 | 789.7 | 654.7 | 535.5 | 437.0 | 328.9 |
| 25° | 2443.9 | 2100.7 | 1765.4 | 1450.8 | 1183.8 | 978.8 | 816.7 | 675.3 | 549.8 | 446.5 | 338.5 |
| 22.5° | 2545.6 | 2192.8 | 1844.8 | 1515.9 | 1237.8 | 1015.4 | 842.2 | 694.4 | 564.1 | 456.0 | 348.0 |
| 20° | 2634.6 | 2277.0 | 1921.1 | 1581.1 | 1285.5 | 1048.7 | 864.4 | 711.9 | 576.8 | 462.4 | 357.5 |
| 17.5° | 2706.1 | 2351.7 | 1989.4 | 1638.3 | 1326.8 | 1077.3 | 883.5 | 727.8 | 587.9 | 470.3 | 363.9 |
| 15° | 2769.6 | 2415.3 | 2046.6 | 1687.5 | 1363.4 | 1101.2 | 901.0 | 740.5 | 597.5 | 475.1 | 371.8 |
| 12.5° | 2823.7 | 2469.3 | 2095.9 | 1730.4 | 1395.1 | 1121.8 | 915.3 | 750.0 | 605.4 | 479.9 | 376.6 |
| 10° | 2868.1 | 2512.2 | 2137.2 | 1763.8 | 1420.6 | 1137.7 | 926.4 | 759.5 | 611.8 | 484.6 | 381.4 |
| 7.5° | 2901.5 | 2544.0 | 2167.4 | 1792.4 | 1441.2 | 1148.8 | 935.9 | 765.9 | 618.1 | 487.8 | 389.3 |
| 5° | 2926.9 | 2571.0 | 2191.2 | 1811.5 | 1457.1 | 1164.7 | 947.0 | 773.8 | 624.5 | 491.0 | 389.3 |
| 2.5° | 2946.0 | 2593.2 | 2210.3 | 1827.3 | 1469.8 | 1161.6 | 947.0 | 772.3 | 624.5 | 491.0 | 387.7 |
| 0° | 2942.8 | 2594.8 | 2208.7 | 1827.3 | 1469.8 | 1158.4 | 947.0 | 770.7 | 624.5 | 491.0 | 387.7 |



REPORT NUMBER: P628397
 CATALOG NUMBER: IFLD-M-SA4A-830-U-LAM

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 11.1 | 7.9 | 3.2 | 0.0 |
| 85° | 23.8 | 15.9 | 7.9 | 0.0 |
| 82.5° | 35.0 | 22.2 | 11.1 | 0.0 |
| 80° | 46.1 | 30.2 | 14.3 | 0.0 |
| 77.5° | 58.8 | 38.1 | 19.1 | 0.0 |
| 75° | 69.9 | 44.5 | 22.2 | 0.0 |
| 72.5° | 81.0 | 52.4 | 25.4 | 0.0 |
| 70° | 90.6 | 58.8 | 28.6 | 0.0 |
| 67.5° | 100.1 | 66.7 | 33.4 | 0.0 |
| 65° | 108.1 | 73.1 | 36.5 | 0.0 |
| 62.5° | 114.4 | 81.0 | 39.7 | 0.0 |
| 60° | 122.4 | 87.4 | 42.9 | 0.0 |
| 57.5° | 128.7 | 92.2 | 46.1 | 0.0 |
| 55° | 135.1 | 95.3 | 49.3 | 0.0 |
| 52.5° | 141.4 | 100.1 | 52.4 | 0.0 |
| 50° | 147.8 | 104.9 | 55.6 | 0.0 |
| 47.5° | 154.1 | 108.1 | 57.2 | 0.0 |
| 45° | 163.7 | 112.8 | 60.4 | 0.0 |
| 42.5° | 171.6 | 116.0 | 63.6 | 0.0 |
| 40° | 179.6 | 119.2 | 65.1 | 0.0 |
| 37.5° | 187.5 | 122.4 | 68.3 | 0.0 |
| 35° | 195.4 | 125.5 | 69.9 | 0.0 |
| 32.5° | 201.8 | 128.7 | 71.5 | 0.0 |
| 30° | 208.2 | 131.9 | 73.1 | 0.0 |
| 27.5° | 214.5 | 133.5 | 74.7 | 0.0 |
| 25° | 219.3 | 136.7 | 76.3 | 0.0 |
| 22.5° | 224.0 | 138.2 | 77.9 | 0.0 |
| 20° | 227.2 | 139.8 | 79.4 | 0.0 |
| 17.5° | 232.0 | 141.4 | 81.0 | 0.0 |
| 15° | 233.6 | 143.0 | 84.2 | 0.0 |
| 12.5° | 236.8 | 144.6 | 84.2 | 0.0 |
| 10° | 238.3 | 146.2 | 84.2 | 0.0 |
| 7.5° | 241.5 | 146.2 | 84.2 | 0.0 |
| 5° | 239.9 | 146.2 | 84.2 | 0.0 |
| 2.5° | 239.9 | 146.2 | 84.2 | 0.0 |
| 0° | 238.3 | 146.2 | 84.2 | 0.0 |

(END OF REPORT)