

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: P722455

Luminaire Tested: **IFLD-S-SA2D-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722455
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15772.8 lumens	Max Intensity:	11011.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	127.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	10062.3 lumens	Field Lumens:	14870.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

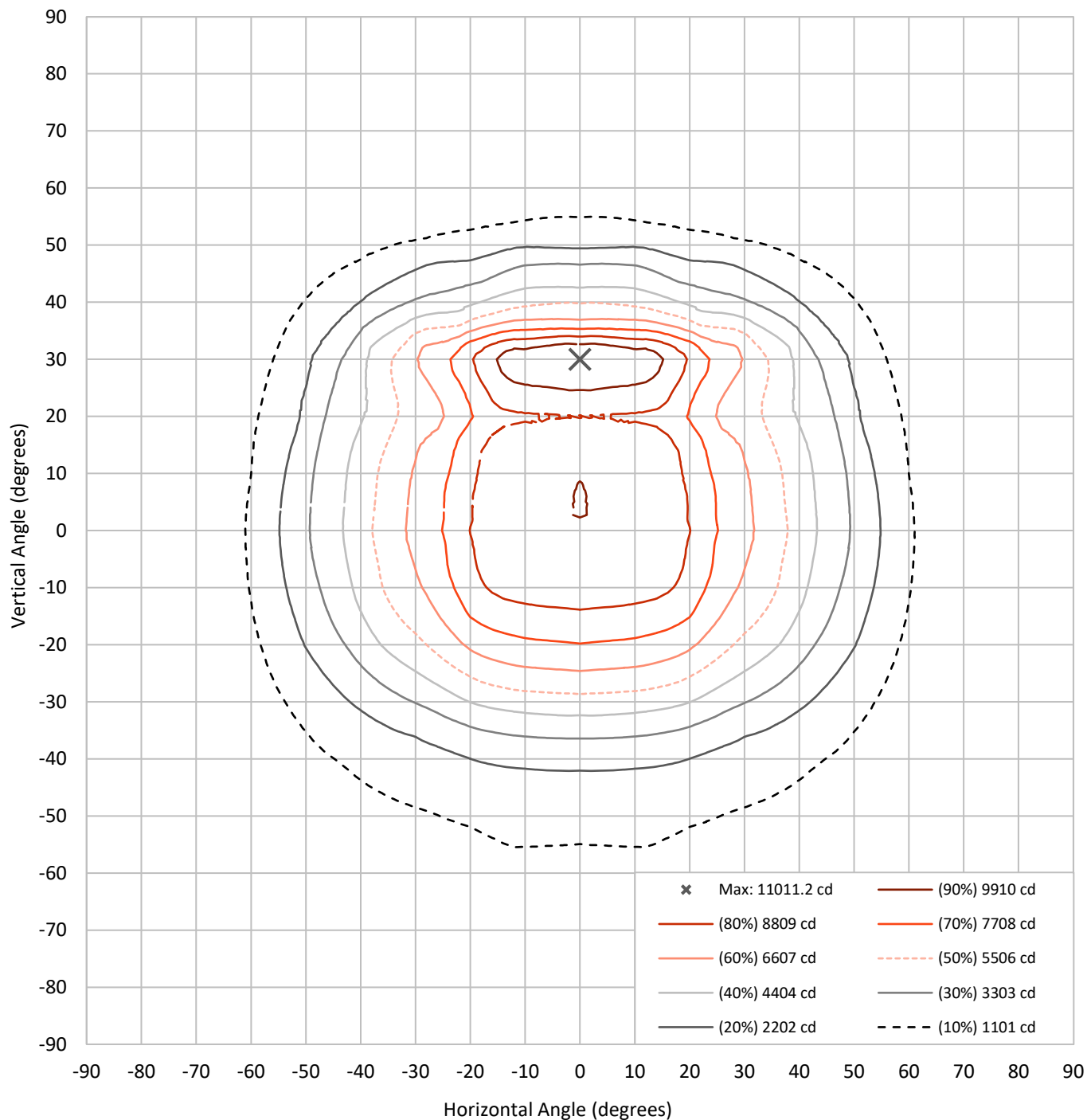
Input Watts (W): 123.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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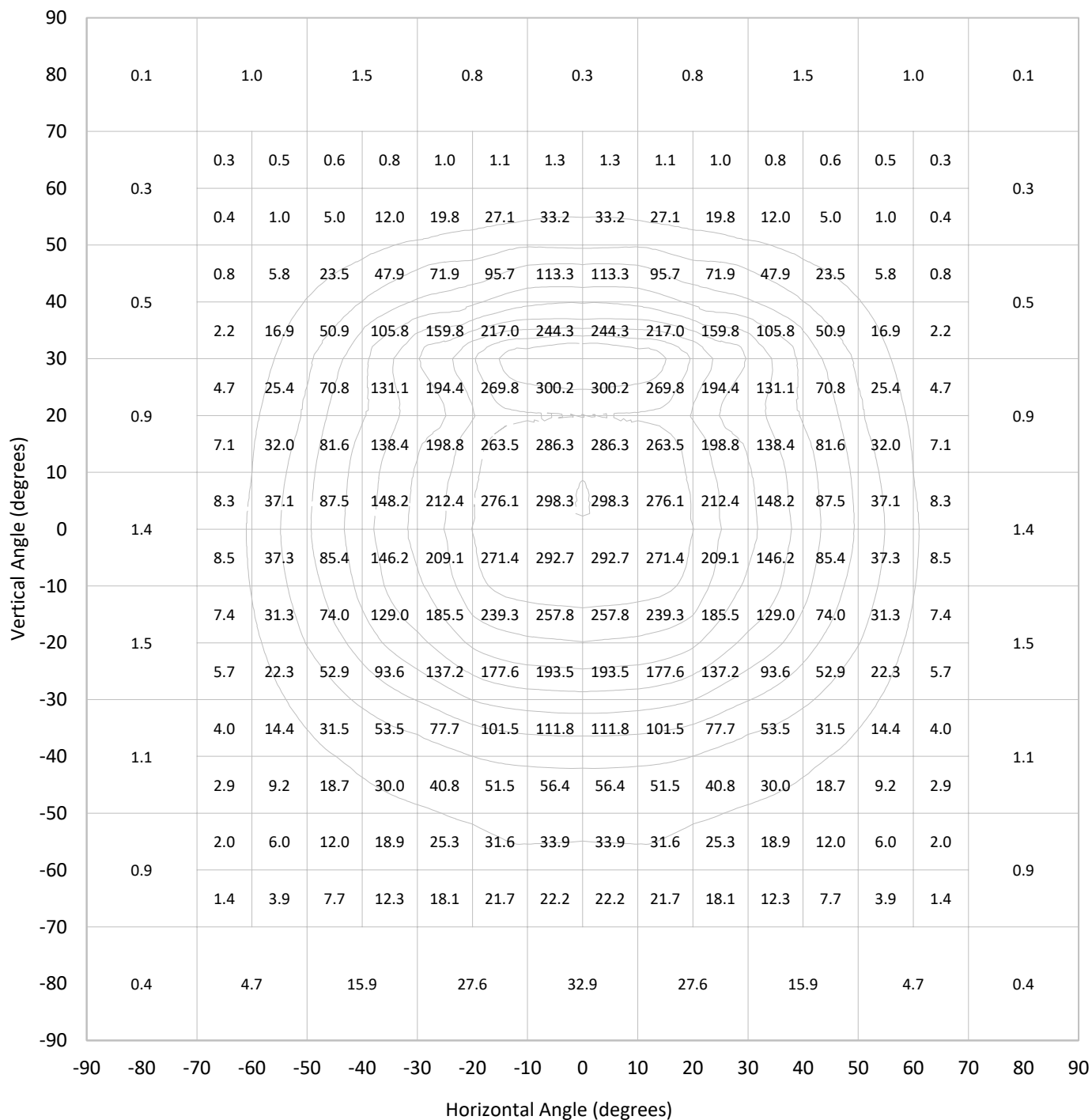
Iso-Candela Plot



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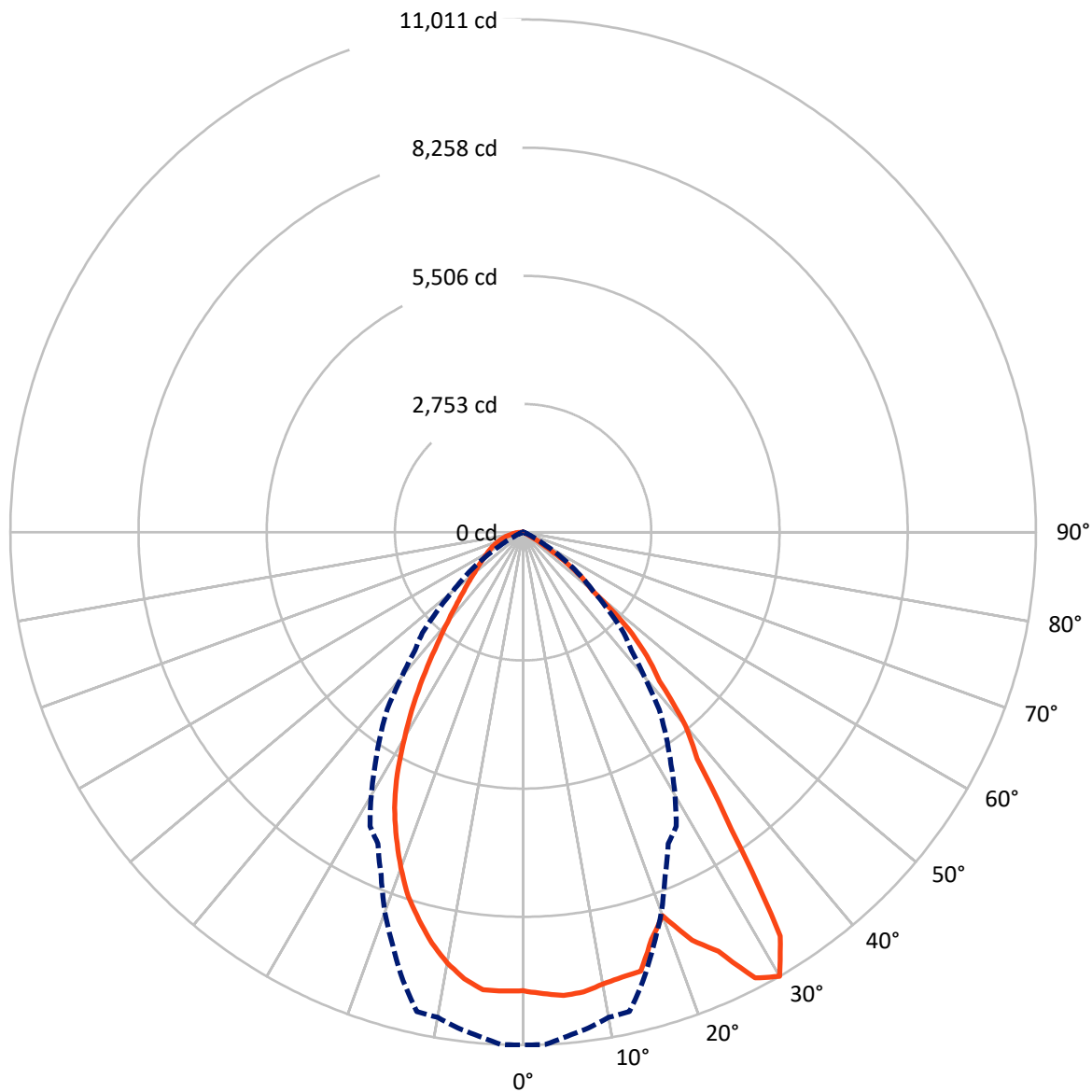
Lumen Table



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Luminous Intensity Polar Plot



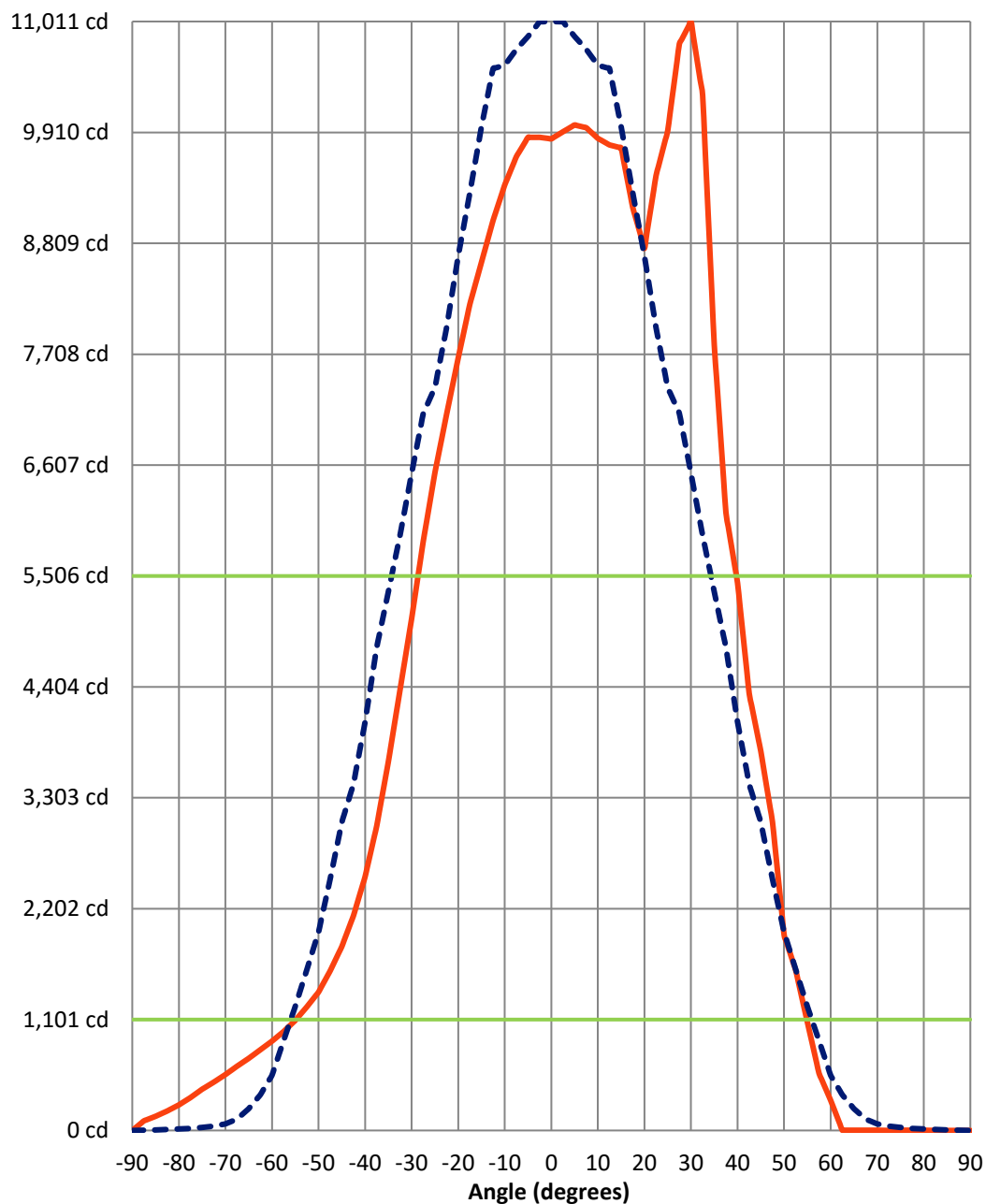
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10062.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14870.2

Efficiency: 94.3%

Spill:

Lumens: 902.6

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-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°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	7.5
82.5°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	10.0
80°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0
77.5°	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0	12.6
75°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.0	10.0	12.6
72.5°	0.0	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.0	10.0	10.0
70°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.0	10.0	10.0
67.5°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	10.0	10.0	10.0	12.6
65°	2.5	2.5	2.5	5.0	7.5	7.5	10.0	12.6	12.6	15.1	17.6
62.5°	2.5	5.0	5.0	7.5	10.0	12.6	27.6	42.7	42.7	30.1	25.1
60°	298.8	323.9	321.4	291.3	253.6	213.4	205.9	198.4	183.3	160.7	168.2
57.5°	567.5	597.6	610.2	602.7	582.6	547.4	527.3	504.7	474.6	439.4	399.3
55°	1074.7	1087.3	1059.7	1006.9	949.2	891.4	871.4	841.2	796.0	750.8	690.6
52.5°	1589.5	1632.2	1619.7	1566.9	1489.1	1386.1	1273.1	1185.2	1132.5	1082.3	1022.0
50°	1941.1	1958.7	1993.8	2056.6	2079.2	2008.9	1825.6	1589.5	1421.3	1506.7	1441.4
47.5°	3063.5	3151.4	3133.8	3088.6	3013.3	2822.5	2566.3	2355.4	2179.6	2121.9	2131.9
45°	3764.1	3799.3	3786.7	3766.6	3731.5	3553.2	3269.4	2945.5	2782.3	2717.0	2649.2
42.5°	4339.2	4376.8	4384.4	4386.9	4349.2	4186.0	3929.9	3605.9	3442.7	3254.4	3106.2
40°	5436.5	5491.8	5429.0	5346.1	5220.6	5034.7	4783.6	4484.8	4196.0	3965.0	3789.2
37.5°	6137.1	6204.9	6230.0	6225.0	6197.4	6117.0	5808.2	5524.4	5082.5	4565.2	4658.1
35°	7799.5	7869.8	7849.7	7774.4	7734.2	7648.8	7347.5	7011.0	6456.0	5893.5	5742.9
32.5°	10277.9	10431.1	10144.8	9830.9	9637.6	9705.4	9399.0	8575.4	8319.3	7304.8	6835.2
30°	11011.2	11008.6	10863.0	10734.9	10576.7	10544.1	9966.5	9308.6	8680.9	7970.2	7377.6
27.5°	10787.7	10742.5	10619.4	10526.5	10378.4	10300.5	9735.5	9213.2	8487.5	7852.2	7279.7
25°	9926.4	9961.5	9836.0	9818.4	9760.6	9610.0	9328.7	8741.1	8093.3	7390.2	6978.3
22.5°	9481.9	9469.3	9318.7	9230.8	9301.1	9140.4	9027.4	8434.8	7759.3	7166.7	6672.0
20°	8758.7	8761.2	8723.5	8716.0	8673.3	8600.5	8510.1	8090.8	7613.6	7106.4	6511.3
17.5°	9163.0	9265.9	9311.1	8937.0	9042.5	8959.6	8864.2	8279.1	7920.0	7470.5	6694.6
15°	9755.6	9717.9	9672.7	9652.7	9594.9	9517.1	9343.8	8876.7	8259.0	7794.4	7189.3
12.5°	9785.7	9712.9	9695.3	9692.8	9632.6	9524.6	9356.3	8969.6	8422.2	7857.2	7365.0
10°	9851.0	9775.7	9765.7	9778.2	9685.3	9617.5	9449.3	9090.2	8472.4	7965.2	7500.6
7.5°	9956.5	9830.9	9888.7	9851.0	9808.3	9700.4	9519.6	9168.0	8655.7	8108.3	7621.2
5°	9984.1	9846.0	9908.8	9873.6	9810.9	9705.4	9509.5	9218.2	8768.7	8166.1	7668.9
2.5°	9916.3	9876.1	9848.5	9783.2	9755.6	9640.1	9454.3	9142.9	8716.0	8141.0	7658.8
0°	9846.0	9881.2	9818.4	9753.1	9740.5	9647.6	9489.4	9208.2	8839.1	8211.3	7744.2
-2.5°	9861.1	9833.5	9790.8	9723.0	9657.7	9524.6	9381.5	9117.8	8721.0	8058.1	7623.7
-5°	9861.1	9733.0	9738.0	9740.5	9675.3	9537.1	9363.9	9140.4	8650.7	8055.6	7588.5
-7.5°	9670.2	9559.7	9542.2	9527.1	9509.5	9381.5	9245.9	8967.1	8532.7	7990.3	7490.6
-10°	9389.0	9281.0	9291.1	9268.5	9213.2	9127.8	9024.9	8773.8	8417.2	7784.4	7292.2
-12.5°	9037.4	8989.7	8962.1	8924.4	8869.2	8793.9	8688.4	8452.3	8070.7	7530.8	7063.7
-15°	8620.6	8585.4	8560.3	8537.7	8457.4	8379.5	8241.4	8023.0	7784.4	7204.3	6727.2
-17.5°	8203.7	8115.9	8080.7	8050.6	7997.8	7872.3	7746.7	7583.5	7249.5	6790.0	6380.7
-20°	7668.9	7616.2	7573.5	7533.3	7458.0	7360.0	7257.1	7068.7	6780.0	6408.3	5983.9

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	7108.9	7078.8	7043.6	6993.4	6943.2	6850.3	6707.1	6526.3	6300.3	5898.6	5501.8
-25°	6531.4	6473.6	6430.9	6383.2	6343.0	6257.7	6119.5	5946.3	5662.5	5316.0	4984.5
-27.5°	5850.9	5795.6	5773.0	5717.8	5682.6	5604.8	5466.7	5305.9	5049.8	4758.5	4422.0
-30°	5082.5	5092.5	5067.4	5014.7	4972.0	4871.5	4766.1	4630.5	4429.6	4150.8	3849.5
-32.5°	4371.8	4384.4	4354.2	4299.0	4243.8	4170.9	4073.0	3950.0	3799.3	3533.1	3272.0
-35°	3661.2	3656.2	3631.0	3598.4	3560.7	3500.5	3390.0	3297.1	3123.8	2938.0	2757.2
-37.5°	3023.4	3035.9	3028.4	3010.8	2968.1	2917.9	2827.5	2742.1	2614.1	2450.8	2310.2
-40°	2518.6	2533.7	2523.7	2506.1	2468.4	2438.3	2378.0	2302.7	2199.7	2059.1	1941.1
-42.5°	2131.9	2142.0	2129.4	2114.3	2081.7	2059.1	2011.4	1948.6	1863.2	1755.3	1649.8
-45°	1825.6	1828.1	1815.5	1805.5	1780.4	1752.7	1712.6	1662.3	1594.5	1519.2	1433.8
-47.5°	1584.5	1582.0	1569.4	1559.4	1539.3	1514.2	1481.5	1436.3	1383.6	1325.9	1258.1
-50°	1373.6	1386.1	1381.1	1371.1	1356.0	1338.4	1305.8	1258.1	1205.3	1162.6	1114.9
-52.5°	1227.9	1230.4	1227.9	1227.9	1225.4	1212.9	1175.2	1127.5	1069.7	1032.1	991.9
-55°	1092.3	1104.9	1109.9	1114.9	1117.4	1117.4	1072.2	1022.0	966.8	929.1	899.0
-57.5°	981.8	989.4	994.4	1006.9	1017.0	1024.5	984.3	939.1	896.5	861.3	833.7
-60°	886.4	896.5	904.0	916.5	924.1	929.1	904.0	873.9	848.8	826.2	786.0
-62.5°	801.0	808.6	816.1	823.6	831.2	836.2	826.2	811.1	798.5	788.5	738.3
-65°	715.7	723.2	730.7	740.8	748.3	753.3	750.8	740.8	730.7	720.7	675.5
-67.5°	637.8	645.4	655.4	657.9	662.9	665.4	660.4	652.9	640.3	627.8	592.6
-70°	555.0	560.0	565.0	565.0	565.0	562.5	557.5	547.4	534.9	517.3	489.7
-72.5°	479.6	484.6	489.7	482.1	477.1	469.6	462.0	449.5	436.9	424.4	409.3
-75°	409.3	411.8	411.8	401.8	394.2	386.7	376.7	369.1	356.6	346.5	334.0
-77.5°	326.4	326.4	326.4	318.9	313.9	308.9	301.3	293.8	283.8	276.2	266.2
-80°	253.6	253.6	253.6	251.1	243.6	238.6	233.5	228.5	221.0	216.0	210.9
-82.5°	193.4	193.4	193.4	190.8	185.8	183.3	178.3	173.3	170.8	165.7	163.2
-85°	140.6	143.1	143.1	140.6	138.1	133.1	130.6	128.1	125.6	123.0	118.0
-87.5°	95.4	95.4	95.4	92.9	90.4	90.4	87.9	82.9	77.8	75.3	72.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	7.5	7.5	7.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	7.5
82.5°	12.6	12.6	15.1	15.1	17.6	17.6	17.6	17.6	17.6	17.6	17.6
80°	12.6	15.1	17.6	20.1	22.6	25.1	25.1	25.1	25.1	22.6	22.6
77.5°	15.1	15.1	17.6	20.1	22.6	25.1	27.6	30.1	27.6	27.6	27.6
75°	15.1	17.6	17.6	20.1	22.6	25.1	27.6	30.1	30.1	30.1	30.1
72.5°	12.6	15.1	17.6	20.1	20.1	22.6	25.1	25.1	27.6	27.6	30.1
70°	12.6	15.1	17.6	17.6	20.1	20.1	22.6	25.1	25.1	27.6	27.6
67.5°	15.1	17.6	17.6	20.1	22.6	22.6	22.6	25.1	25.1	27.6	27.6
65°	17.6	20.1	20.1	22.6	25.1	25.1	27.6	27.6	27.6	30.1	30.1
62.5°	30.1	30.1	30.1	27.6	30.1	30.1	30.1	32.6	32.6	30.1	32.6
60°	155.7	113.0	77.8	97.9	87.9	40.2	40.2	40.2	37.7	37.7	35.2
57.5°	366.6	341.5	293.8	248.6	223.5	198.4	123.0	50.2	50.2	45.2	40.2
55°	612.7	529.8	494.7	434.4	369.1	339.0	281.2	190.8	90.4	60.3	52.7
52.5°	949.2	871.4	781.0	657.9	570.0	499.7	452.0	359.1	241.1	128.1	80.4
50°	1270.6	1235.5	1180.2	1059.7	876.4	758.4	680.5	575.0	431.9	263.7	150.7
47.5°	2046.5	1752.7	1574.5	1481.5	1328.4	1104.9	954.2	836.2	662.9	444.5	266.2
45°	2576.4	2390.6	2106.8	1910.9	1684.9	1448.9	1253.0	1117.4	911.5	665.4	416.8
42.5°	3030.9	2870.2	2614.1	2327.8	2089.2	1780.4	1529.3	1351.0	1177.7	909.0	622.8
40°	3616.0	3425.1	3179.0	2900.3	2621.6	2227.3	1820.5	1604.6	1413.7	1175.2	841.2
37.5°	4580.2	4243.8	3842.0	3533.1	3169.0	2835.0	2277.6	1895.9	1669.9	1421.3	1097.3
35°	5740.4	5371.2	4700.8	4291.5	3804.3	3307.1	2804.9	2239.9	1918.5	1654.8	1333.4
32.5°	6820.1	6280.3	5421.5	4941.8	4617.9	3701.4	3181.6	2691.9	2174.6	1850.7	1469.0
30°	7119.0	6523.8	5908.6	5348.6	4796.2	4055.4	3440.2	3058.5	2496.0	1968.7	1597.1
27.5°	6817.6	6408.3	5931.2	5411.4	4813.8	4178.5	3598.4	3234.3	2732.1	2049.1	1697.5
25°	6511.3	6084.4	5750.4	5316.0	4763.5	4170.9	3603.4	3344.8	2915.4	2204.7	1752.7
22.5°	6187.3	5921.2	5644.9	5160.3	4638.0	4193.5	3766.6	3440.2	3010.8	2380.5	1775.3
20°	6204.9	6031.7	5727.8	5079.9	4615.4	4326.6	3962.5	3560.7	3113.8	2533.7	1792.9
17.5°	6486.2	6260.2	5878.5	5316.0	4818.8	4462.2	4125.7	3726.5	3219.2	2669.3	2006.4
15°	6832.7	6488.7	6089.4	5594.7	5032.2	4610.4	4251.3	3842.0	3339.8	2794.8	2197.2
12.5°	7083.8	6594.1	6220.0	5773.0	5263.3	4771.1	4334.2	3929.9	3452.8	2897.8	2340.3
10°	7169.2	6724.7	6282.8	5883.5	5381.3	4856.5	4396.9	3985.1	3550.7	2978.2	2445.8
7.5°	7214.4	6837.7	6325.5	5933.7	5451.6	4909.2	4447.2	4015.2	3628.5	3033.4	2513.6
5°	7209.4	6898.0	6358.1	5948.8	5489.3	4931.8	4482.3	4022.8	3683.8	3081.1	2553.8
2.5°	7186.8	6938.2	6410.8	5973.9	5564.6	4974.5	4550.1	4037.8	3703.9	3133.8	2581.4
0°	7269.6	6940.7	6466.1	5981.4	5614.8	4989.5	4580.2	4025.3	3676.2	3148.9	2578.9
-2.5°	7091.3	6792.5	6453.5	5916.1	5547.0	4954.4	4525.0	3985.1	3616.0	3131.3	2568.9
-5°	7061.2	6684.5	6348.1	5855.9	5434.0	4881.6	4422.0	3909.8	3520.6	3073.6	2528.7
-7.5°	6980.8	6581.6	6245.1	5808.2	5328.5	4806.2	4324.1	3831.9	3417.6	2983.2	2470.9
-10°	6805.1	6423.4	6134.6	5705.2	5200.5	4698.3	4206.1	3729.0	3297.1	2860.1	2380.5
-12.5°	6554.0	6172.3	5886.0	5486.7	5039.8	4552.6	4065.5	3595.9	3159.0	2729.6	2272.5
-15°	6270.2	5883.5	5597.2	5233.1	4801.2	4326.6	3887.2	3427.6	3000.8	2591.5	2144.5
-17.5°	5948.8	5582.2	5305.9	4951.9	4522.5	4070.5	3633.6	3216.7	2817.4	2448.3	1996.3
-20°	5577.1	5220.6	4966.9	4612.9	4218.6	3779.2	3354.8	2960.6	2601.5	2255.0	1833.1

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CATALOG NUMBER: IFLD-S-SA2D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5117.6	4803.7	4515.0	4198.6	3854.5	3452.8	3058.5	2709.5	2365.5	2026.5	1664.9
-25°	4648.0	4344.2	4063.0	3774.2	3445.2	3098.7	2762.2	2445.8	2109.3	1803.0	1501.6
-27.5°	4125.7	3854.5	3603.4	3337.2	3035.9	2737.1	2460.9	2152.0	1860.7	1599.6	1340.9
-30°	3568.3	3347.3	3128.8	2892.8	2649.2	2398.1	2152.0	1860.7	1632.2	1423.8	1205.3
-32.5°	3033.4	2835.0	2659.3	2483.5	2272.5	2066.6	1848.2	1632.2	1441.4	1258.1	1074.7
-35°	2563.8	2352.9	2255.0	2114.3	1946.1	1760.3	1582.0	1431.3	1278.1	1112.4	949.2
-37.5°	2157.0	2021.4	1905.9	1800.5	1667.4	1506.7	1378.6	1255.5	1127.5	976.8	836.2
-40°	1838.1	1740.2	1624.7	1546.8	1438.9	1323.3	1195.3	1092.3	984.3	861.3	745.8
-42.5°	1582.0	1501.6	1426.3	1343.4	1263.1	1165.1	1054.7	956.7	858.8	768.4	673.0
-45°	1371.1	1313.3	1253.0	1185.2	1114.9	1029.5	939.1	838.7	768.4	688.0	607.7
-47.5°	1197.8	1155.1	1104.9	1052.1	991.9	916.5	833.7	760.9	688.0	620.2	542.4
-50°	1059.7	1019.5	979.3	934.1	881.4	816.1	753.3	685.5	617.7	552.4	479.6
-52.5°	944.2	909.0	876.4	838.7	788.5	733.2	675.5	615.2	552.4	487.2	429.4
-55°	863.8	823.6	791.0	753.3	708.1	655.4	602.7	547.4	487.2	436.9	389.2
-57.5°	798.5	753.3	715.7	675.5	630.3	585.1	537.4	487.2	442.0	394.2	349.0
-60°	743.3	690.6	647.9	607.7	565.0	522.3	482.1	439.4	396.8	354.1	308.9
-62.5°	685.5	630.3	577.6	539.9	507.2	469.6	434.4	394.2	356.6	313.9	281.2
-65°	620.2	567.5	517.3	484.6	454.5	421.9	389.2	354.1	321.4	288.8	258.6
-67.5°	547.4	502.2	467.1	436.9	406.8	379.2	349.0	318.9	291.3	258.6	228.5
-70°	459.5	434.4	414.3	391.7	364.1	339.0	311.4	283.8	253.6	226.0	198.4
-72.5°	391.7	376.7	361.6	339.0	313.9	291.3	268.7	243.6	218.5	193.4	170.8
-75°	321.4	308.9	296.3	281.2	261.2	243.6	223.5	200.9	180.8	163.2	145.6
-77.5°	258.6	248.6	241.1	228.5	213.4	198.4	185.8	170.8	155.7	138.1	120.5
-80°	205.9	200.9	198.4	193.4	180.8	168.2	158.2	145.6	130.6	118.0	105.5
-82.5°	160.7	160.7	158.2	155.7	145.6	135.6	128.1	118.0	108.0	97.9	85.4
-85°	118.0	115.5	115.5	113.0	105.5	100.4	92.9	87.9	80.4	70.3	65.3
-87.5°	70.3	67.8	65.3	62.8	57.8	55.2	50.2	47.7	42.7	37.7	35.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: IFLD-S-SA2D-735-U-76-VI

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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5
82.5°	15.1	15.1	12.6	12.6	10.0	7.5	5.0	5.0	5.0	2.5	2.5
80°	22.6	22.6	22.6	20.1	17.6	12.6	10.0	7.5	5.0	2.5	2.5
77.5°	27.6	25.1	25.1	22.6	22.6	20.1	15.1	12.6	7.5	5.0	2.5
75°	27.6	27.6	27.6	25.1	25.1	22.6	20.1	15.1	12.6	7.5	5.0
72.5°	30.1	27.6	27.6	27.6	25.1	22.6	20.1	17.6	15.1	10.0	5.0
70°	27.6	27.6	27.6	27.6	25.1	25.1	20.1	17.6	17.6	10.0	7.5
67.5°	27.6	27.6	27.6	25.1	25.1	22.6	20.1	17.6	17.6	12.6	7.5
65°	30.1	27.6	27.6	27.6	25.1	22.6	20.1	17.6	17.6	15.1	10.0
62.5°	32.6	30.1	30.1	27.6	25.1	22.6	20.1	17.6	17.6	15.1	10.0
60°	35.2	32.6	30.1	30.1	27.6	25.1	20.1	20.1	17.6	15.1	10.0
57.5°	37.7	35.2	35.2	32.6	30.1	27.6	22.6	20.1	17.6	15.1	12.6
55°	45.2	40.2	37.7	37.7	35.2	30.1	25.1	20.1	17.6	15.1	12.6
52.5°	60.3	47.7	42.7	42.7	40.2	35.2	27.6	22.6	17.6	15.1	12.6
50°	95.4	60.3	50.2	45.2	45.2	40.2	32.6	25.1	17.6	15.1	12.6
47.5°	150.7	100.4	60.3	52.7	50.2	47.7	37.7	25.1	20.1	15.1	12.6
45°	248.6	148.2	97.9	62.8	52.7	50.2	42.7	27.6	20.1	17.6	12.6
42.5°	341.5	231.0	150.7	75.3	62.8	55.2	45.2	30.1	22.6	17.6	12.6
40°	537.4	316.4	210.9	123.0	72.8	57.8	50.2	35.2	22.6	17.6	12.6
37.5°	728.2	419.4	283.8	180.8	82.9	65.3	52.7	37.7	25.1	17.6	15.1
35°	919.1	587.6	351.6	241.1	110.5	77.8	55.2	40.2	25.1	17.6	15.1
32.5°	1089.8	745.8	421.9	301.3	165.7	92.9	60.3	42.7	27.6	20.1	15.1
30°	1230.4	891.4	547.4	354.1	216.0	113.0	65.3	42.7	30.1	20.1	15.1
27.5°	1335.9	1004.4	675.5	409.3	258.6	133.1	75.3	47.7	30.1	20.1	15.1
25°	1421.3	1092.3	788.5	467.1	296.3	165.7	90.4	50.2	32.6	22.6	15.1
22.5°	1489.1	1165.1	881.4	544.9	341.5	198.4	110.5	55.2	32.6	22.6	15.1
20°	1582.0	1238.0	944.2	627.8	389.2	228.5	128.1	60.3	32.6	22.6	17.6
17.5°	1662.3	1310.8	994.4	698.1	436.9	251.1	148.2	65.3	35.2	22.6	17.6
15°	1755.3	1381.1	1039.6	753.3	482.1	271.2	165.7	70.3	35.2	25.1	17.6
12.5°	1855.7	1446.4	1072.2	798.5	529.8	288.8	180.8	80.4	37.7	25.1	17.6
10°	1958.7	1501.6	1099.9	831.2	565.0	306.4	190.8	90.4	40.2	25.1	17.6
7.5°	2061.6	1551.9	1135.0	846.2	580.1	326.4	195.9	100.4	40.2	27.6	17.6
5°	2131.9	1584.5	1185.2	856.3	587.6	349.0	203.4	113.0	42.7	27.6	17.6
2.5°	2192.2	1604.6	1238.0	863.8	590.1	361.6	200.9	120.5	45.2	27.6	17.6
0°	2219.8	1604.6	1273.1	858.8	582.6	374.2	200.9	128.1	45.2	27.6	17.6
-2.5°	2177.1	1649.8	1263.1	861.3	585.1	374.2	210.9	130.6	50.2	30.1	17.6
-5°	2109.3	1667.4	1232.9	848.8	580.1	374.2	223.5	133.1	52.7	30.1	20.1
-7.5°	2044.0	1674.9	1197.8	836.2	572.5	364.1	226.0	130.6	57.8	32.6	20.1
-10°	1958.7	1592.0	1152.6	813.6	557.5	356.6	231.0	130.6	60.3	32.6	20.1
-12.5°	1860.7	1491.6	1097.3	781.0	539.9	349.0	233.5	130.6	62.8	35.2	20.1
-15°	1747.7	1388.6	1034.6	745.8	514.8	339.0	228.5	128.1	65.3	35.2	22.6
-17.5°	1619.7	1288.2	969.3	703.1	487.2	326.4	218.5	125.6	65.3	35.2	22.6
-20°	1474.0	1187.7	896.5	660.4	454.5	311.4	208.4	120.5	65.3	35.2	22.6

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CATALOG NUMBER: IFLD-S-SA2D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1343.4	1094.8	821.1	612.7	419.4	293.8	195.9	115.5	65.3	37.7	22.6
-25°	1235.5	1004.4	763.4	565.0	381.7	273.7	183.3	110.5	65.3	37.7	22.6
-27.5°	1122.5	906.5	703.1	519.8	356.6	256.1	170.8	105.5	62.8	37.7	22.6
-30°	1006.9	811.1	640.3	469.6	331.5	238.6	160.7	97.9	62.8	37.7	22.6
-32.5°	901.5	733.2	582.6	419.4	303.8	221.0	150.7	95.4	60.3	37.7	22.6
-35°	798.5	662.9	522.3	379.2	273.7	203.4	140.6	92.9	60.3	37.7	22.6
-37.5°	713.2	597.6	467.1	351.6	256.1	188.3	130.6	87.9	57.8	37.7	22.6
-40°	642.8	537.4	414.3	321.4	241.1	173.3	120.5	85.4	57.8	37.7	22.6
-42.5°	577.6	479.6	381.7	296.3	226.0	163.2	113.0	82.9	55.2	37.7	22.6
-45°	519.8	429.4	349.0	273.7	208.4	150.7	108.0	77.8	52.7	37.7	25.1
-47.5°	462.0	394.2	318.9	253.6	190.8	135.6	103.0	75.3	50.2	35.2	25.1
-50°	416.8	356.6	293.8	231.0	173.3	130.6	97.9	70.3	50.2	35.2	25.1
-52.5°	376.7	321.4	266.2	208.4	158.2	123.0	92.9	65.3	47.7	35.2	25.1
-55°	339.0	288.8	238.6	185.8	148.2	115.5	85.4	60.3	47.7	35.2	25.1
-57.5°	301.3	258.6	210.9	168.2	135.6	108.0	80.4	60.3	47.7	35.2	25.1
-60°	271.2	231.0	190.8	155.7	125.6	97.9	72.8	57.8	45.2	35.2	25.1
-62.5°	246.1	208.4	173.3	140.6	115.5	87.9	70.3	57.8	45.2	35.2	22.6
-65°	221.0	188.3	155.7	128.1	103.0	82.9	67.8	55.2	45.2	35.2	22.6
-67.5°	195.9	165.7	140.6	113.0	95.4	80.4	65.3	55.2	42.7	32.6	22.6
-70°	170.8	145.6	123.0	105.5	90.4	75.3	62.8	52.7	42.7	30.1	20.1
-72.5°	150.7	128.1	110.5	97.9	85.4	72.8	60.3	50.2	40.2	27.6	17.6
-75°	128.1	113.0	100.4	87.9	77.8	67.8	57.8	45.2	35.2	25.1	17.6
-77.5°	108.0	97.9	87.9	80.4	70.3	60.3	50.2	40.2	32.6	22.6	15.1
-80°	92.9	85.4	77.8	70.3	62.8	52.7	45.2	35.2	27.6	20.1	12.6
-82.5°	75.3	70.3	62.8	57.8	52.7	45.2	37.7	30.1	20.1	15.1	10.0
-85°	57.8	52.7	50.2	45.2	40.2	32.6	25.1	20.1	15.1	10.0	5.0
-87.5°	30.1	27.6	25.1	22.6	20.1	15.1	12.6	10.0	7.5	5.0	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-S-SA2D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	5.0	2.5	0.0	0.0
65°	5.0	2.5	0.0	0.0
62.5°	5.0	2.5	0.0	0.0
60°	5.0	2.5	0.0	0.0
57.5°	7.5	2.5	2.5	0.0
55°	7.5	2.5	2.5	0.0
52.5°	7.5	2.5	2.5	0.0
50°	7.5	5.0	2.5	0.0
47.5°	7.5	5.0	2.5	0.0
45°	7.5	5.0	2.5	0.0
42.5°	7.5	5.0	2.5	0.0
40°	10.0	5.0	2.5	0.0
37.5°	10.0	5.0	2.5	0.0
35°	10.0	5.0	2.5	0.0
32.5°	10.0	5.0	2.5	0.0
30°	10.0	5.0	2.5	0.0
27.5°	10.0	7.5	2.5	0.0
25°	10.0	7.5	2.5	0.0
22.5°	12.6	7.5	2.5	0.0
20°	12.6	7.5	2.5	0.0
17.5°	12.6	7.5	2.5	0.0
15°	12.6	7.5	2.5	0.0
12.5°	12.6	7.5	2.5	0.0
10°	12.6	7.5	2.5	0.0
7.5°	12.6	7.5	2.5	0.0
5°	12.6	7.5	2.5	0.0
2.5°	12.6	7.5	2.5	0.0
0°	12.6	7.5	2.5	0.0
-2.5°	12.6	7.5	2.5	0.0
-5°	12.6	7.5	2.5	0.0
-7.5°	12.6	7.5	2.5	0.0
-10°	12.6	7.5	2.5	0.0
-12.5°	15.1	7.5	2.5	0.0
-15°	15.1	7.5	2.5	0.0
-17.5°	15.1	7.5	2.5	0.0
-20°	15.1	7.5	2.5	0.0

REPORT NUMBER: P722455

CATALOG NUMBER: IFLD-S-SA2D-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.1	7.5	2.5	0.0
-25°	15.1	7.5	2.5	0.0
-27.5°	15.1	7.5	2.5	0.0
-30°	15.1	7.5	2.5	0.0
-32.5°	15.1	7.5	2.5	0.0
-35°	15.1	7.5	2.5	0.0
-37.5°	15.1	7.5	2.5	0.0
-40°	15.1	7.5	2.5	0.0
-42.5°	12.6	7.5	2.5	0.0
-45°	15.1	7.5	2.5	0.0
-47.5°	15.1	7.5	2.5	0.0
-50°	15.1	7.5	2.5	0.0
-52.5°	15.1	7.5	2.5	0.0
-55°	15.1	7.5	2.5	0.0
-57.5°	15.1	7.5	2.5	0.0
-60°	15.1	7.5	2.5	0.0
-62.5°	12.6	7.5	2.5	0.0
-65°	12.6	5.0	2.5	0.0
-67.5°	12.6	5.0	2.5	0.0
-70°	12.6	5.0	2.5	0.0
-72.5°	10.0	5.0	2.5	0.0
-75°	10.0	5.0	2.5	0.0
-77.5°	7.5	2.5	0.0	0.0
-80°	7.5	2.5	0.0	0.0
-82.5°	5.0	2.5	0.0	0.0
-85°	2.5	2.5	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)