

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: P722605

Luminaire Tested: **IFLD-S-SA3D-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722605
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18937 lumens	Max Intensity:	13220.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	12081 lumens	Field Lumens:	17853.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

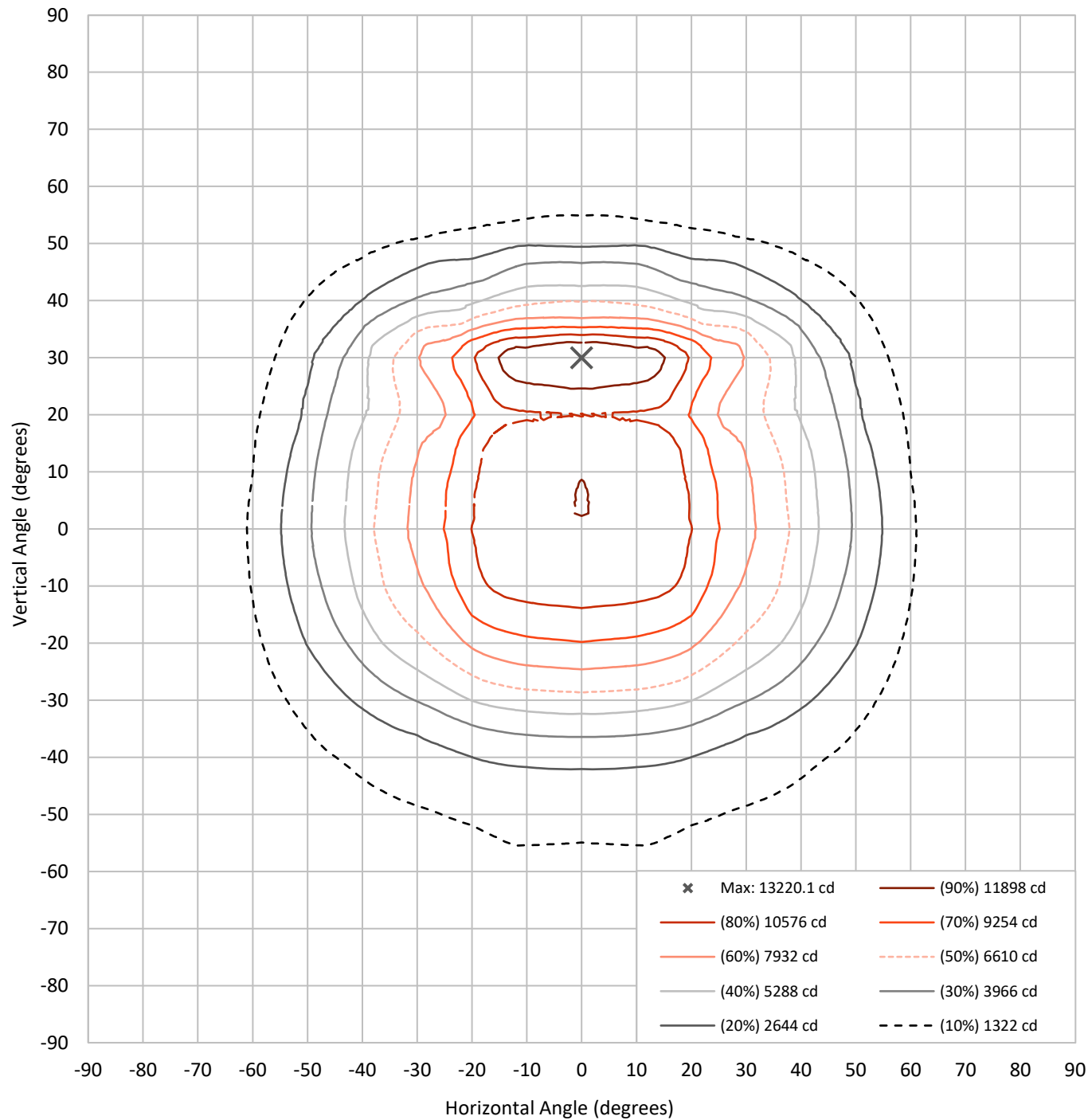
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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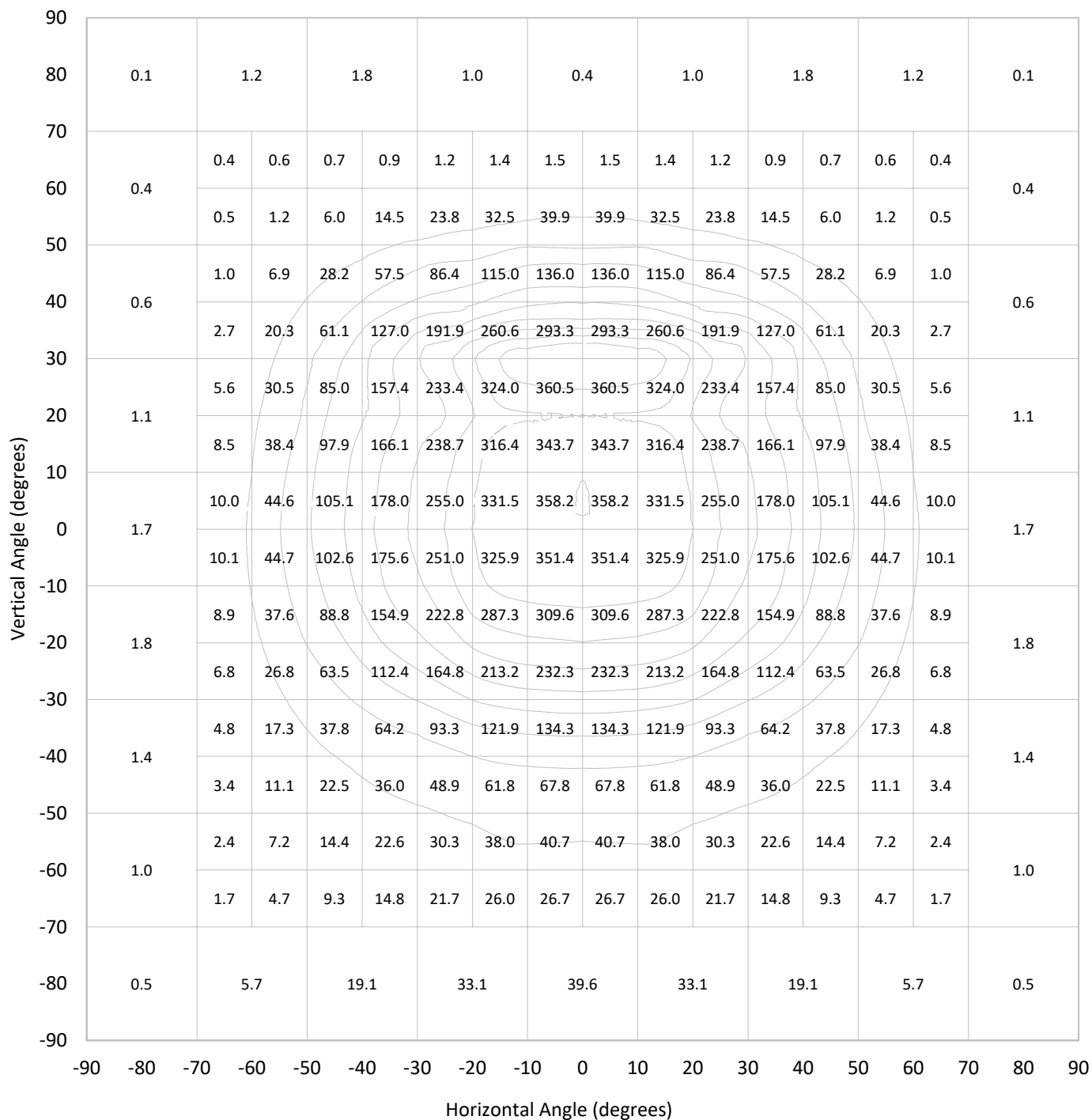
Iso-Candela Plot



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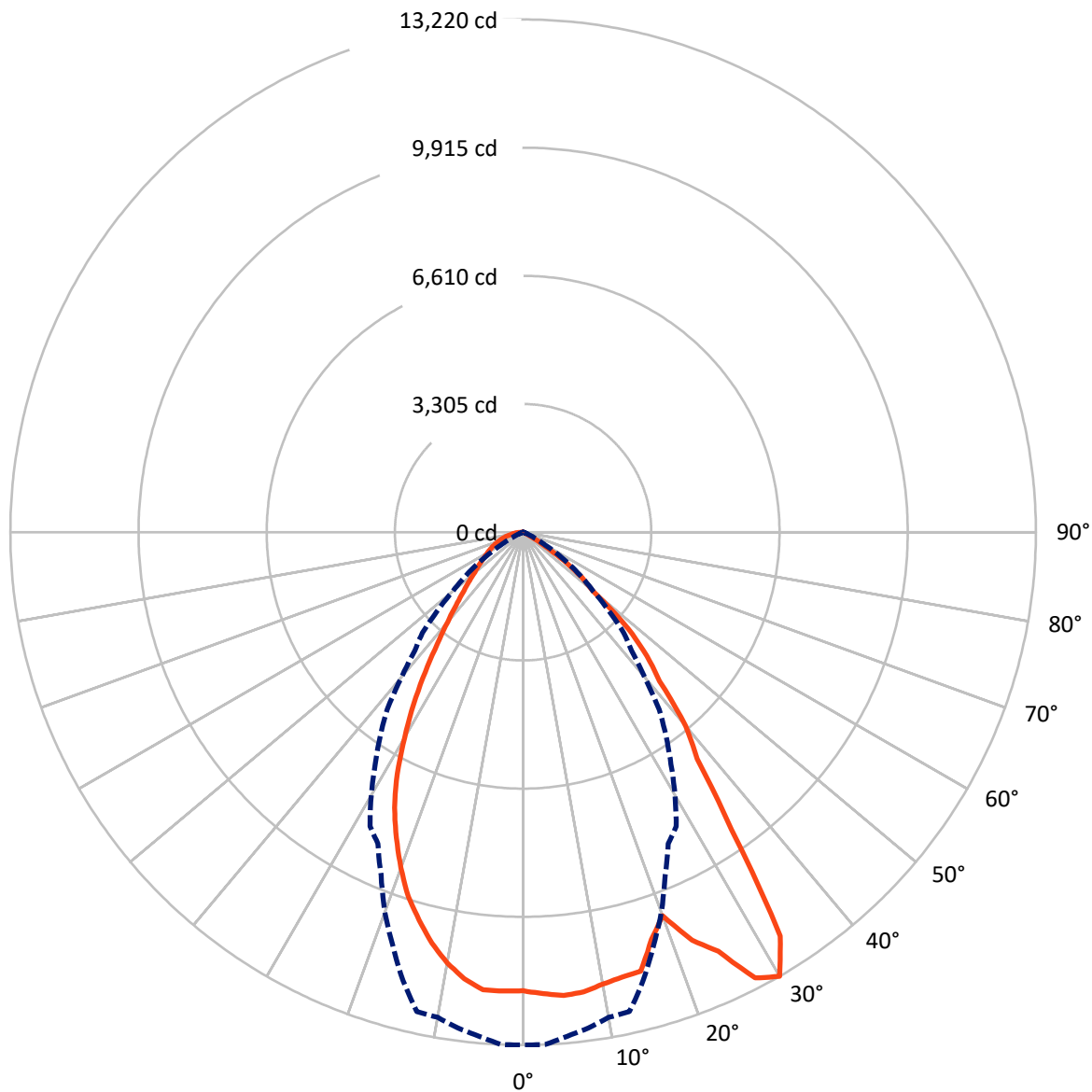
Lumen Table



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Luminous Intensity Polar Plot



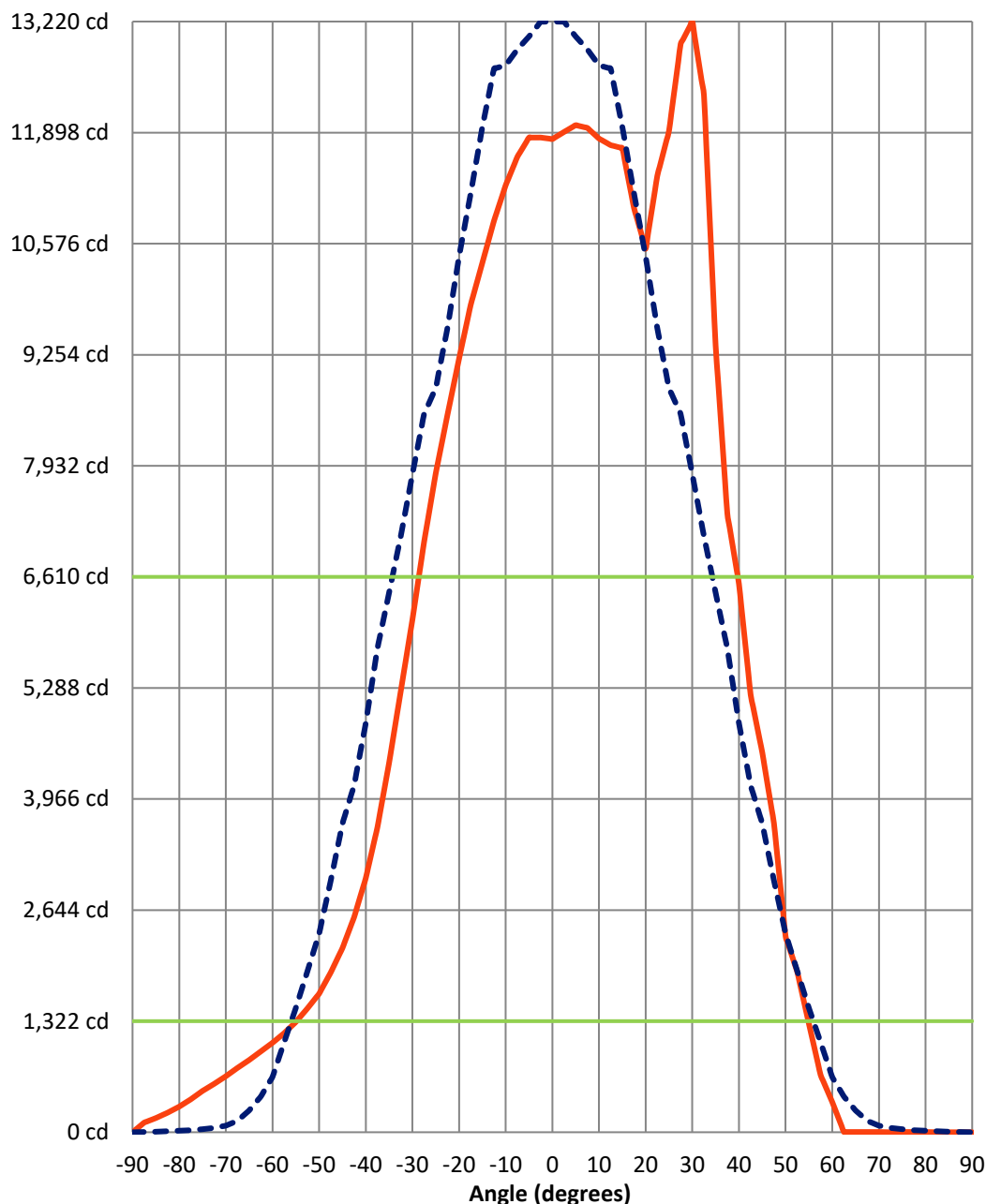
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12081

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17853.3

Efficiency: 94.3%

Spill:

Lumens: 1083.7

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	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	0.0	3.0	3.0	3.0	6.0	6.0	6.0	6.0	6.0	6.0	9.0
82.5°	0.0	3.0	3.0	3.0	6.0	6.0	6.0	6.0	9.0	9.0	12.1
80°	3.0	3.0	3.0	3.0	6.0	6.0	6.0	9.0	9.0	12.1	12.1
77.5°	3.0	3.0	3.0	6.0	6.0	6.0	9.0	9.0	12.1	12.1	15.1
75°	3.0	3.0	3.0	6.0	6.0	9.0	9.0	9.0	12.1	12.1	15.1
72.5°	0.0	3.0	3.0	6.0	6.0	9.0	9.0	9.0	12.1	12.1	12.1
70°	3.0	3.0	3.0	6.0	6.0	9.0	9.0	9.0	12.1	12.1	12.1
67.5°	3.0	3.0	3.0	6.0	6.0	9.0	9.0	12.1	12.1	12.1	15.1
65°	3.0	3.0	3.0	6.0	9.0	9.0	12.1	15.1	15.1	18.1	21.1
62.5°	3.0	6.0	6.0	9.0	12.1	15.1	33.2	51.3	51.3	36.2	30.1
60°	358.8	388.9	385.9	349.7	304.5	256.3	247.2	238.2	220.1	193.0	202.0
57.5°	681.4	717.5	732.6	723.6	699.4	657.2	633.1	606.0	569.8	527.6	479.4
55°	1290.4	1305.4	1272.3	1209.0	1139.6	1070.3	1046.2	1010.0	955.7	901.4	829.1
52.5°	1908.4	1959.7	1944.6	1881.3	1787.8	1664.2	1528.5	1423.0	1359.7	1299.4	1227.0
50°	2330.5	2351.6	2393.8	2469.2	2496.3	2411.9	2191.8	1908.4	1706.4	1808.9	1730.5
47.5°	3678.1	3783.6	3762.5	3708.3	3617.8	3388.7	3081.2	2827.9	2616.9	2547.5	2559.6
45°	4519.3	4561.5	4546.4	4522.3	4480.1	4266.0	3925.3	3536.4	3340.5	3262.1	3180.7
42.5°	5209.7	5254.9	5263.9	5266.9	5221.7	5025.8	4718.2	4329.3	4133.4	3907.2	3729.4
40°	6527.2	6593.5	6518.1	6418.6	6267.9	6044.8	5743.3	5384.5	5037.8	4760.4	4549.4
37.5°	7368.3	7449.7	7479.8	7473.8	7440.7	7344.2	6973.4	6632.7	6102.1	5481.0	5592.5
35°	9364.1	9448.5	9424.4	9334.0	9285.7	9183.2	8821.5	8417.5	7751.2	7075.9	6895.0
32.5°	12339.8	12523.7	12180.0	11803.1	11571.0	11652.4	11284.6	10295.7	9988.2	8770.2	8206.4
30°	13220.1	13217.1	13042.2	12888.5	12698.6	12659.4	11965.9	11176.1	10422.3	9569.1	8857.6
27.5°	12951.8	12897.5	12749.8	12638.3	12460.4	12366.9	11688.6	11061.5	10190.2	9427.4	8740.1
25°	11917.7	11959.9	11809.2	11788.1	11718.7	11537.8	11200.2	10494.7	9716.9	8872.7	8378.3
22.5°	11384.1	11369.0	11188.1	11082.6	11167.0	10974.1	10838.4	10126.9	9315.9	8604.4	8010.5
20°	10515.8	10518.8	10473.6	10464.5	10413.3	10325.9	10217.3	9713.8	9141.0	8532.0	7817.5
17.5°	11001.2	11124.8	11179.1	10729.9	10856.5	10757.0	10642.4	9940.0	9508.8	8969.2	8037.6
15°	11712.7	11667.5	11613.2	11589.1	11519.7	11426.3	11218.3	10657.5	9915.8	9358.1	8631.5
12.5°	11748.9	11661.4	11640.3	11637.3	11565.0	11435.3	11233.3	10769.0	10111.8	9433.5	8842.6
10°	11827.3	11736.8	11724.8	11739.8	11628.3	11546.9	11344.9	10913.8	10172.1	9563.1	9005.4
7.5°	11953.9	11803.1	11872.5	11827.3	11776.0	11646.4	11429.3	11007.2	10392.2	9735.0	9150.1
5°	11987.0	11821.2	11896.6	11854.4	11779.0	11652.4	11417.2	11067.5	10527.9	9804.3	9207.4
2.5°	11905.6	11857.4	11824.2	11745.9	11712.7	11574.0	11350.9	10977.1	10464.5	9774.1	9195.3
0°	11821.2	11863.4	11788.1	11709.7	11694.6	11583.1	11393.1	11055.5	10612.3	9858.6	9297.8
-2.5°	11839.3	11806.2	11754.9	11673.5	11595.1	11435.3	11263.5	10946.9	10470.6	9674.7	9153.1
-5°	11839.3	11685.6	11691.6	11694.6	11616.2	11450.4	11242.4	10974.1	10386.2	9671.6	9110.9
-7.5°	11610.2	11477.5	11456.4	11438.3	11417.2	11263.5	11100.7	10766.0	10244.5	9593.3	8993.3
-10°	11272.5	11142.9	11154.9	11127.8	11061.5	10959.0	10835.4	10533.9	10105.8	9346.0	8755.1
-12.5°	10850.4	10793.2	10760.0	10714.8	10648.5	10558.0	10431.4	10148.0	9689.7	9041.5	8480.8
-15°	10350.0	10307.8	10277.6	10250.5	10154.0	10060.6	9894.7	9632.4	9346.0	8649.6	8076.8
-17.5°	9849.5	9744.0	9701.8	9665.6	9602.3	9451.6	9300.8	9104.8	8703.9	8152.2	7660.7
-20°	9207.4	9144.0	9092.8	9044.6	8954.1	8836.5	8712.9	8486.8	8140.1	7693.9	7184.4

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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°	8535.0	8498.9	8456.7	8396.4	8336.1	8224.5	8052.7	7835.6	7564.3	7081.9	6605.5
-25°	7841.6	7772.3	7721.0	7663.8	7615.5	7513.0	7347.2	7139.2	6798.5	6382.4	5984.5
-27.5°	7024.6	6958.3	6931.1	6864.8	6822.6	6729.1	6563.3	6370.4	6062.9	5713.1	5309.2
-30°	6102.1	6114.1	6084.0	6020.7	5969.4	5848.8	5722.2	5559.4	5318.2	4983.5	4621.8
-32.5°	5248.9	5263.9	5227.8	5161.4	5095.1	5007.7	4890.1	4742.4	4561.5	4241.9	3928.4
-35°	4395.7	4389.6	4359.5	4320.3	4275.1	4202.7	4070.0	3958.5	3750.5	3527.4	3310.3
-37.5°	3629.9	3645.0	3635.9	3614.8	3563.6	3503.3	3394.7	3292.2	3138.5	2942.5	2773.7
-40°	3023.9	3042.0	3029.9	3008.8	2963.6	2927.4	2855.1	2764.6	2641.0	2472.2	2330.5
-42.5°	2559.6	2571.7	2556.6	2538.5	2499.3	2472.2	2414.9	2339.5	2237.0	2107.4	1980.8
-45°	2191.8	2194.8	2179.7	2167.7	2137.5	2104.4	2056.1	1995.8	1914.4	1824.0	1721.5
-47.5°	1902.4	1899.4	1884.3	1872.2	1848.1	1818.0	1778.8	1724.5	1661.2	1591.8	1510.4
-50°	1649.1	1664.2	1658.2	1646.1	1628.0	1606.9	1567.7	1510.4	1447.1	1395.9	1338.6
-52.5°	1474.3	1477.3	1474.3	1474.3	1471.2	1456.2	1411.0	1353.7	1284.3	1239.1	1190.9
-55°	1311.5	1326.5	1332.6	1338.6	1341.6	1341.6	1287.3	1227.0	1160.7	1115.5	1079.3
-57.5°	1178.8	1187.9	1193.9	1209.0	1221.0	1230.1	1181.8	1127.6	1076.3	1034.1	1000.9
-60°	1064.2	1076.3	1085.3	1100.4	1109.5	1115.5	1085.3	1049.2	1019.0	991.9	943.6
-62.5°	961.7	970.8	979.8	988.9	997.9	1003.9	991.9	973.8	958.7	946.7	886.4
-65°	859.2	868.3	877.3	889.4	898.4	904.5	901.4	889.4	877.3	865.3	811.0
-67.5°	765.8	774.8	786.9	789.9	795.9	798.9	792.9	783.9	768.8	753.7	711.5
-70°	666.3	672.3	678.3	678.3	678.3	675.3	669.3	657.2	642.2	621.1	587.9
-72.5°	575.8	581.9	587.9	578.9	572.8	563.8	554.7	539.7	524.6	509.5	491.4
-75°	491.4	494.4	494.4	482.4	473.3	464.3	452.2	443.2	428.1	416.0	401.0
-77.5°	391.9	391.9	391.9	382.9	376.9	370.8	361.8	352.7	340.7	331.6	319.6
-80°	304.5	304.5	304.5	301.5	292.4	286.4	280.4	274.4	265.3	259.3	253.2
-82.5°	232.1	232.1	232.1	229.1	223.1	220.1	214.1	208.0	205.0	199.0	196.0
-85°	168.8	171.8	171.8	168.8	165.8	159.8	156.8	153.8	150.7	147.7	141.7
-87.5°	114.6	114.6	114.6	111.5	108.5	108.5	105.5	99.5	93.5	90.4	87.4
-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	9.0	9.0	9.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	9.0
82.5°	15.1	15.1	18.1	18.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
80°	15.1	18.1	21.1	24.1	27.1	30.1	30.1	30.1	30.1	27.1	27.1
77.5°	18.1	18.1	21.1	24.1	27.1	30.1	33.2	36.2	33.2	33.2	33.2
75°	18.1	21.1	21.1	24.1	27.1	30.1	33.2	36.2	36.2	36.2	36.2
72.5°	15.1	18.1	21.1	24.1	24.1	27.1	30.1	30.1	33.2	33.2	36.2
70°	15.1	18.1	21.1	21.1	24.1	24.1	27.1	30.1	30.1	33.2	33.2
67.5°	18.1	21.1	21.1	24.1	27.1	27.1	27.1	30.1	30.1	33.2	33.2
65°	21.1	24.1	24.1	27.1	30.1	30.1	33.2	33.2	33.2	36.2	36.2
62.5°	36.2	36.2	36.2	33.2	36.2	36.2	36.2	39.2	39.2	36.2	39.2
60°	186.9	135.7	93.5	117.6	105.5	48.2	48.2	48.2	45.2	45.2	42.2
57.5°	440.2	410.0	352.7	298.5	268.3	238.2	147.7	60.3	60.3	54.3	48.2
55°	735.6	636.1	593.9	521.6	443.2	407.0	337.7	229.1	108.5	72.4	63.3
52.5°	1139.6	1046.2	937.6	789.9	684.4	600.0	542.7	431.1	289.4	153.8	96.5
50°	1525.5	1483.3	1417.0	1272.3	1052.2	910.5	817.0	690.4	518.6	316.6	180.9
47.5°	2457.1	2104.4	1890.3	1778.8	1594.9	1326.5	1145.6	1003.9	795.9	533.6	319.6
45°	3093.2	2870.1	2529.5	2294.3	2023.0	1739.6	1504.4	1341.6	1094.4	798.9	500.5
42.5°	3638.9	3446.0	3138.5	2794.8	2508.4	2137.5	1836.0	1622.0	1414.0	1091.4	747.7
40°	4341.4	4112.3	3816.8	3482.2	3147.5	2674.2	2185.8	1926.5	1697.4	1411.0	1010.0
37.5°	5499.1	5095.1	4612.7	4241.9	3804.7	3403.8	2734.5	2276.2	2004.9	1706.4	1317.5
35°	6891.9	6448.8	5643.8	5152.4	4567.5	3970.6	3367.6	2689.2	2303.3	1986.8	1600.9
32.5°	8188.3	7540.1	6509.1	5933.2	5544.3	4443.9	3819.8	3231.9	2610.9	2221.9	1763.7
30°	8547.1	7832.6	7093.9	6421.6	5758.4	4869.0	4130.3	3672.1	2996.8	2363.6	1917.4
27.5°	8185.3	7693.9	7121.1	6497.0	5779.5	5016.7	4320.3	3883.1	3280.2	2460.1	2038.0
25°	7817.5	7305.0	6904.0	6382.4	5719.2	5007.7	4326.3	4015.8	3500.2	2647.0	2104.4
22.5°	7428.6	7109.0	6777.4	6195.5	5568.4	5034.8	4522.3	4130.3	3614.8	2858.1	2131.5
20°	7449.7	7241.7	6876.9	6099.0	5541.3	5194.6	4757.4	4275.1	3738.4	3042.0	2152.6
17.5°	7787.4	7516.0	7057.8	6382.4	5785.5	5357.4	4953.4	4474.0	3865.0	3204.8	2408.9
15°	8203.4	7790.4	7311.0	6717.1	6041.8	5535.3	5104.1	4612.7	4009.8	3355.5	2638.0
12.5°	8504.9	7917.0	7467.8	6931.1	6319.1	5728.2	5203.6	4718.2	4145.4	3479.1	2809.8
10°	8607.4	8073.8	7543.2	7063.8	6460.8	5830.7	5279.0	4784.6	4263.0	3575.6	2936.5
7.5°	8661.7	8209.4	7594.4	7124.1	6545.2	5894.0	5339.3	4820.7	4356.5	3641.9	3017.9
5°	8655.6	8281.8	7633.6	7142.2	6590.5	5921.2	5381.5	4829.8	4422.8	3699.2	3066.1
2.5°	8628.5	8330.0	7696.9	7172.3	6680.9	5972.4	5462.9	4847.9	4446.9	3762.5	3099.3
0°	8728.0	8333.0	7763.2	7181.4	6741.2	5990.5	5499.1	4832.8	4413.7	3780.6	3096.3
-2.5°	8513.9	8155.2	7748.2	7103.0	6659.8	5948.3	5432.8	4784.6	4341.4	3759.5	3084.2
-5°	8477.8	8025.5	7621.5	7030.6	6524.1	5860.9	5309.2	4694.1	4226.8	3690.2	3036.0
-7.5°	8381.3	7901.9	7497.9	6973.4	6397.5	5770.4	5191.6	4600.7	4103.2	3581.6	2966.6
-10°	8170.2	7712.0	7365.3	6849.7	6243.8	5640.8	5049.9	4477.1	3958.5	3433.9	2858.1
-12.5°	7868.8	7410.5	7066.8	6587.4	6050.8	5465.9	4881.0	4317.3	3792.7	3277.1	2728.4
-15°	7528.1	7063.8	6720.1	6282.9	5764.4	5194.6	4667.0	4115.3	3602.7	3111.3	2574.7
-17.5°	7142.2	6702.0	6370.4	5945.3	5429.7	4887.1	4362.5	3862.0	3382.7	2939.5	2396.8
-20°	6696.0	6267.9	5963.4	5538.3	5064.9	4537.4	4027.8	3554.5	3123.4	2707.3	2200.8

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CATALOG NUMBER: IFLD-S-SA3D-830-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°	6144.3	5767.4	5420.7	5040.8	4627.8	4145.4	3672.1	3253.0	2840.0	2433.0	1998.8
-25°	5580.5	5215.7	4878.0	4531.3	4136.4	3720.3	3316.3	2936.5	2532.5	2164.7	1802.9
-27.5°	4953.4	4627.8	4326.3	4006.7	3645.0	3286.2	2954.6	2583.7	2234.0	1920.5	1609.9
-30°	4284.1	4018.8	3756.5	3473.1	3180.7	2879.2	2583.7	2234.0	1959.7	1709.4	1447.1
-32.5°	3641.9	3403.8	3192.7	2981.7	2728.4	2481.2	2218.9	1959.7	1730.5	1510.4	1290.4
-35°	3078.2	2824.9	2707.3	2538.5	2336.5	2113.4	1899.4	1718.5	1534.6	1335.6	1139.6
-37.5°	2589.8	2427.0	2288.3	2161.6	2001.9	1808.9	1655.2	1507.4	1353.7	1172.8	1003.9
-40°	2206.9	2089.3	1950.6	1857.1	1727.5	1588.8	1435.1	1311.5	1181.8	1034.1	895.4
-42.5°	1899.4	1802.9	1712.4	1612.9	1516.5	1398.9	1266.2	1148.7	1031.1	922.5	808.0
-45°	1646.1	1576.8	1504.4	1423.0	1338.6	1236.1	1127.6	1007.0	922.5	826.1	729.6
-47.5°	1438.1	1386.8	1326.5	1263.2	1190.9	1100.4	1000.9	913.5	826.1	744.7	651.2
-50°	1272.3	1224.0	1175.8	1121.5	1058.2	979.8	904.5	823.1	741.7	663.3	575.8
-52.5°	1133.6	1091.4	1052.2	1007.0	946.7	880.3	811.0	738.6	663.3	584.9	515.5
-55°	1037.1	988.9	949.7	904.5	850.2	786.9	723.6	657.2	584.9	524.6	467.3
-57.5°	958.7	904.5	859.2	811.0	756.7	702.5	645.2	584.9	530.6	473.3	419.1
-60°	892.4	829.1	777.8	729.6	678.3	627.1	578.9	527.6	476.3	425.1	370.8
-62.5°	823.1	756.7	693.4	648.2	609.0	563.8	521.6	473.3	428.1	376.9	337.7
-65°	744.7	681.4	621.1	581.9	545.7	506.5	467.3	425.1	385.9	346.7	310.5
-67.5°	657.2	603.0	560.8	524.6	488.4	455.2	419.1	382.9	349.7	310.5	274.4
-70°	551.7	521.6	497.5	470.3	437.2	407.0	373.8	340.7	304.5	271.3	238.2
-72.5°	470.3	452.2	434.1	407.0	376.9	349.7	322.6	292.4	262.3	232.1	205.0
-75°	385.9	370.8	355.8	337.7	313.5	292.4	268.3	241.2	217.1	196.0	174.9
-77.5°	310.5	298.5	289.4	274.4	256.3	238.2	223.1	205.0	186.9	165.8	144.7
-80°	247.2	241.2	238.2	232.1	217.1	202.0	189.9	174.9	156.8	141.7	126.6
-82.5°	193.0	193.0	189.9	186.9	174.9	162.8	153.8	141.7	129.6	117.6	102.5
-85°	141.7	138.7	138.7	135.7	126.6	120.6	111.5	105.5	96.5	84.4	78.4
-87.5°	84.4	81.4	78.4	75.4	69.3	66.3	60.3	57.3	51.3	45.2	42.2
-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-SA3D-830-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0
85°	9.0	6.0	6.0	6.0	6.0	6.0	3.0	3.0	3.0	3.0	3.0
82.5°	18.1	18.1	15.1	15.1	12.1	9.0	6.0	6.0	6.0	3.0	3.0
80°	27.1	27.1	27.1	24.1	21.1	15.1	12.1	9.0	6.0	3.0	3.0
77.5°	33.2	30.1	30.1	27.1	27.1	24.1	18.1	15.1	9.0	6.0	3.0
75°	33.2	33.2	33.2	30.1	30.1	27.1	24.1	18.1	15.1	9.0	6.0
72.5°	36.2	33.2	33.2	33.2	30.1	27.1	24.1	21.1	18.1	12.1	6.0
70°	33.2	33.2	33.2	33.2	30.1	30.1	24.1	21.1	21.1	12.1	9.0
67.5°	33.2	33.2	33.2	30.1	30.1	27.1	24.1	21.1	21.1	15.1	9.0
65°	36.2	33.2	33.2	33.2	30.1	27.1	24.1	21.1	21.1	18.1	12.1
62.5°	39.2	36.2	36.2	33.2	30.1	27.1	24.1	21.1	21.1	18.1	12.1
60°	42.2	39.2	36.2	36.2	33.2	30.1	24.1	24.1	21.1	18.1	12.1
57.5°	45.2	42.2	42.2	39.2	36.2	33.2	27.1	24.1	21.1	18.1	15.1
55°	54.3	48.2	45.2	45.2	42.2	36.2	30.1	24.1	21.1	18.1	15.1
52.5°	72.4	57.3	51.3	51.3	48.2	42.2	33.2	27.1	21.1	18.1	15.1
50°	114.6	72.4	60.3	54.3	54.3	48.2	39.2	30.1	21.1	18.1	15.1
47.5°	180.9	120.6	72.4	63.3	60.3	57.3	45.2	30.1	24.1	18.1	15.1
45°	298.5	177.9	117.6	75.4	63.3	60.3	51.3	33.2	24.1	21.1	15.1
42.5°	410.0	277.4	180.9	90.4	75.4	66.3	54.3	36.2	27.1	21.1	15.1
40°	645.2	379.9	253.2	147.7	87.4	69.3	60.3	42.2	27.1	21.1	15.1
37.5°	874.3	503.5	340.7	217.1	99.5	78.4	63.3	45.2	30.1	21.1	18.1
35°	1103.4	705.5	422.1	289.4	132.7	93.5	66.3	48.2	30.1	21.1	18.1
32.5°	1308.4	895.4	506.5	361.8	199.0	111.5	72.4	51.3	33.2	24.1	18.1
30°	1477.3	1070.3	657.2	425.1	259.3	135.7	78.4	51.3	36.2	24.1	18.1
27.5°	1603.9	1205.9	811.0	491.4	310.5	159.8	90.4	57.3	36.2	24.1	18.1
25°	1706.4	1311.5	946.7	560.8	355.8	199.0	108.5	60.3	39.2	27.1	18.1
22.5°	1787.8	1398.9	1058.2	654.2	410.0	238.2	132.7	66.3	39.2	27.1	18.1
20°	1899.4	1486.3	1133.6	753.7	467.3	274.4	153.8	72.4	39.2	27.1	21.1
17.5°	1995.8	1573.8	1193.9	838.1	524.6	301.5	177.9	78.4	42.2	27.1	21.1
15°	2107.4	1658.2	1248.1	904.5	578.9	325.6	199.0	84.4	42.2	30.1	21.1
12.5°	2228.0	1736.6	1287.3	958.7	636.1	346.7	217.1	96.5	45.2	30.1	21.1
10°	2351.6	1802.9	1320.5	997.9	678.3	367.8	229.1	108.5	48.2	30.1	21.1
7.5°	2475.2	1863.2	1362.7	1016.0	696.4	391.9	235.2	120.6	48.2	33.2	21.1
5°	2559.6	1902.4	1423.0	1028.1	705.5	419.1	244.2	135.7	51.3	33.2	21.1
2.5°	2632.0	1926.5	1486.3	1037.1	708.5	434.1	241.2	144.7	54.3	33.2	21.1
0°	2665.1	1926.5	1528.5	1031.1	699.4	449.2	241.2	153.8	54.3	33.2	21.1
-2.5°	2613.9	1980.8	1516.5	1034.1	702.5	449.2	253.2	156.8	60.3	36.2	21.1
-5°	2532.5	2001.9	1480.3	1019.0	696.4	449.2	268.3	159.8	63.3	36.2	24.1
-7.5°	2454.1	2010.9	1438.1	1003.9	687.4	437.2	271.3	156.8	69.3	39.2	24.1
-10°	2351.6	1911.4	1383.8	976.8	669.3	428.1	277.4	156.8	72.4	39.2	24.1
-12.5°	2234.0	1790.8	1317.5	937.6	648.2	419.1	280.4	156.8	75.4	42.2	24.1
-15°	2098.3	1667.2	1242.1	895.4	618.0	407.0	274.4	153.8	78.4	42.2	27.1
-17.5°	1944.6	1546.6	1163.7	844.2	584.9	391.9	262.3	150.7	78.4	42.2	27.1
-20°	1769.7	1426.0	1076.3	792.9	545.7	373.8	250.2	144.7	78.4	42.2	27.1

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CATALOG NUMBER: IFLD-S-SA3D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1612.9	1314.5	985.9	735.6	503.5	352.7	235.2	138.7	78.4	45.2	27.1
-25°	1483.3	1205.9	916.5	678.3	458.3	328.6	220.1	132.7	78.4	45.2	27.1
-27.5°	1347.6	1088.4	844.2	624.1	428.1	307.5	205.0	126.6	75.4	45.2	27.1
-30°	1209.0	973.8	768.8	563.8	398.0	286.4	193.0	117.6	75.4	45.2	27.1
-32.5°	1082.3	880.3	699.4	503.5	364.8	265.3	180.9	114.6	72.4	45.2	27.1
-35°	958.7	795.9	627.1	455.2	328.6	244.2	168.8	111.5	72.4	45.2	27.1
-37.5°	856.2	717.5	560.8	422.1	307.5	226.1	156.8	105.5	69.3	45.2	27.1
-40°	771.8	645.2	497.5	385.9	289.4	208.0	144.7	102.5	69.3	45.2	27.1
-42.5°	693.4	575.8	458.3	355.8	271.3	196.0	135.7	99.5	66.3	45.2	27.1
-45°	624.1	515.5	419.1	328.6	250.2	180.9	129.6	93.5	63.3	45.2	30.1
-47.5°	554.7	473.3	382.9	304.5	229.1	162.8	123.6	90.4	60.3	42.2	30.1
-50°	500.5	428.1	352.7	277.4	208.0	156.8	117.6	84.4	60.3	42.2	30.1
-52.5°	452.2	385.9	319.6	250.2	189.9	147.7	111.5	78.4	57.3	42.2	30.1
-55°	407.0	346.7	286.4	223.1	177.9	138.7	102.5	72.4	57.3	42.2	30.1
-57.5°	361.8	310.5	253.2	202.0	162.8	129.6	96.5	72.4	57.3	42.2	30.1
-60°	325.6	277.4	229.1	186.9	150.7	117.6	87.4	69.3	54.3	42.2	30.1
-62.5°	295.5	250.2	208.0	168.8	138.7	105.5	84.4	69.3	54.3	42.2	27.1
-65°	265.3	226.1	186.9	153.8	123.6	99.5	81.4	66.3	54.3	42.2	27.1
-67.5°	235.2	199.0	168.8	135.7	114.6	96.5	78.4	66.3	51.3	39.2	27.1
-70°	205.0	174.9	147.7	126.6	108.5	90.4	75.4	63.3	51.3	36.2	24.1
-72.5°	180.9	153.8	132.7	117.6	102.5	87.4	72.4	60.3	48.2	33.2	21.1
-75°	153.8	135.7	120.6	105.5	93.5	81.4	69.3	54.3	42.2	30.1	21.1
-77.5°	129.6	117.6	105.5	96.5	84.4	72.4	60.3	48.2	39.2	27.1	18.1
-80°	111.5	102.5	93.5	84.4	75.4	63.3	54.3	42.2	33.2	24.1	15.1
-82.5°	90.4	84.4	75.4	69.3	63.3	54.3	45.2	36.2	24.1	18.1	12.1
-85°	69.3	63.3	60.3	54.3	48.2	39.2	30.1	24.1	18.1	12.1	6.0
-87.5°	36.2	33.2	30.1	27.1	24.1	18.1	15.1	12.1	9.0	6.0	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722605

CATALOG NUMBER: IFLD-S-SA3D-830-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°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	3.0	3.0	0.0	0.0
67.5°	6.0	3.0	0.0	0.0
65°	6.0	3.0	0.0	0.0
62.5°	6.0	3.0	0.0	0.0
60°	6.0	3.0	0.0	0.0
57.5°	9.0	3.0	3.0	0.0
55°	9.0	3.0	3.0	0.0
52.5°	9.0	3.0	3.0	0.0
50°	9.0	6.0	3.0	0.0
47.5°	9.0	6.0	3.0	0.0
45°	9.0	6.0	3.0	0.0
42.5°	9.0	6.0	3.0	0.0
40°	12.1	6.0	3.0	0.0
37.5°	12.1	6.0	3.0	0.0
35°	12.1	6.0	3.0	0.0
32.5°	12.1	6.0	3.0	0.0
30°	12.1	6.0	3.0	0.0
27.5°	12.1	9.0	3.0	0.0
25°	12.1	9.0	3.0	0.0
22.5°	15.1	9.0	3.0	0.0
20°	15.1	9.0	3.0	0.0
17.5°	15.1	9.0	3.0	0.0
15°	15.1	9.0	3.0	0.0
12.5°	15.1	9.0	3.0	0.0
10°	15.1	9.0	3.0	0.0
7.5°	15.1	9.0	3.0	0.0
5°	15.1	9.0	3.0	0.0
2.5°	15.1	9.0	3.0	0.0
0°	15.1	9.0	3.0	0.0
-2.5°	15.1	9.0	3.0	0.0
-5°	15.1	9.0	3.0	0.0
-7.5°	15.1	9.0	3.0	0.0
-10°	15.1	9.0	3.0	0.0
-12.5°	18.1	9.0	3.0	0.0
-15°	18.1	9.0	3.0	0.0
-17.5°	18.1	9.0	3.0	0.0
-20°	18.1	9.0	3.0	0.0

REPORT NUMBER: P722605

CATALOG NUMBER: IFLD-S-SA3D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.1	9.0	3.0	0.0
-25°	18.1	9.0	3.0	0.0
-27.5°	18.1	9.0	3.0	0.0
-30°	18.1	9.0	3.0	0.0
-32.5°	18.1	9.0	3.0	0.0
-35°	18.1	9.0	3.0	0.0
-37.5°	18.1	9.0	3.0	0.0
-40°	18.1	9.0	3.0	0.0
-42.5°	15.1	9.0	3.0	0.0
-45°	18.1	9.0	3.0	0.0
-47.5°	18.1	9.0	3.0	0.0
-50°	18.1	9.0	3.0	0.0
-52.5°	18.1	9.0	3.0	0.0
-55°	18.1	9.0	3.0	0.0
-57.5°	18.1	9.0	3.0	0.0
-60°	18.1	9.0	3.0	0.0
-62.5°	15.1	9.0	3.0	0.0
-65°	15.1	6.0	3.0	0.0
-67.5°	15.1	6.0	3.0	0.0
-70°	15.1	6.0	3.0	0.0
-72.5°	12.1	6.0	3.0	0.0
-75°	12.1	6.0	3.0	0.0
-77.5°	9.0	3.0	0.0	0.0
-80°	9.0	3.0	0.0	0.0
-82.5°	6.0	3.0	0.0	0.0
-85°	3.0	3.0	0.0	0.0
-87.5°	3.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)