

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: P722750

Luminaire Tested: **IFLD-S-SA3D-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722750
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17221.1 lumens	Max Intensity:	12022.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.5 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:	10986.3 lumens	Field Lumens:	16235.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

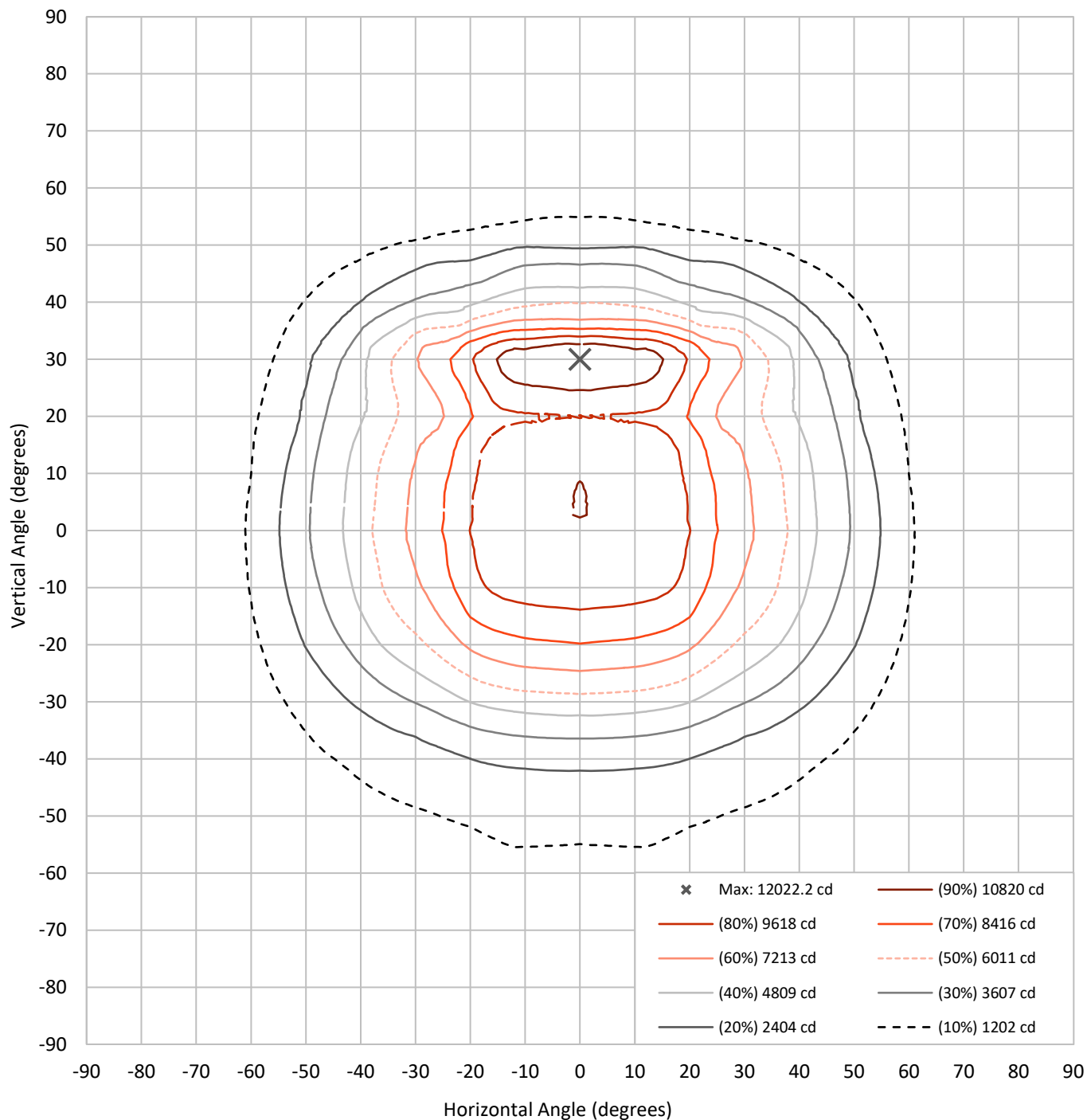
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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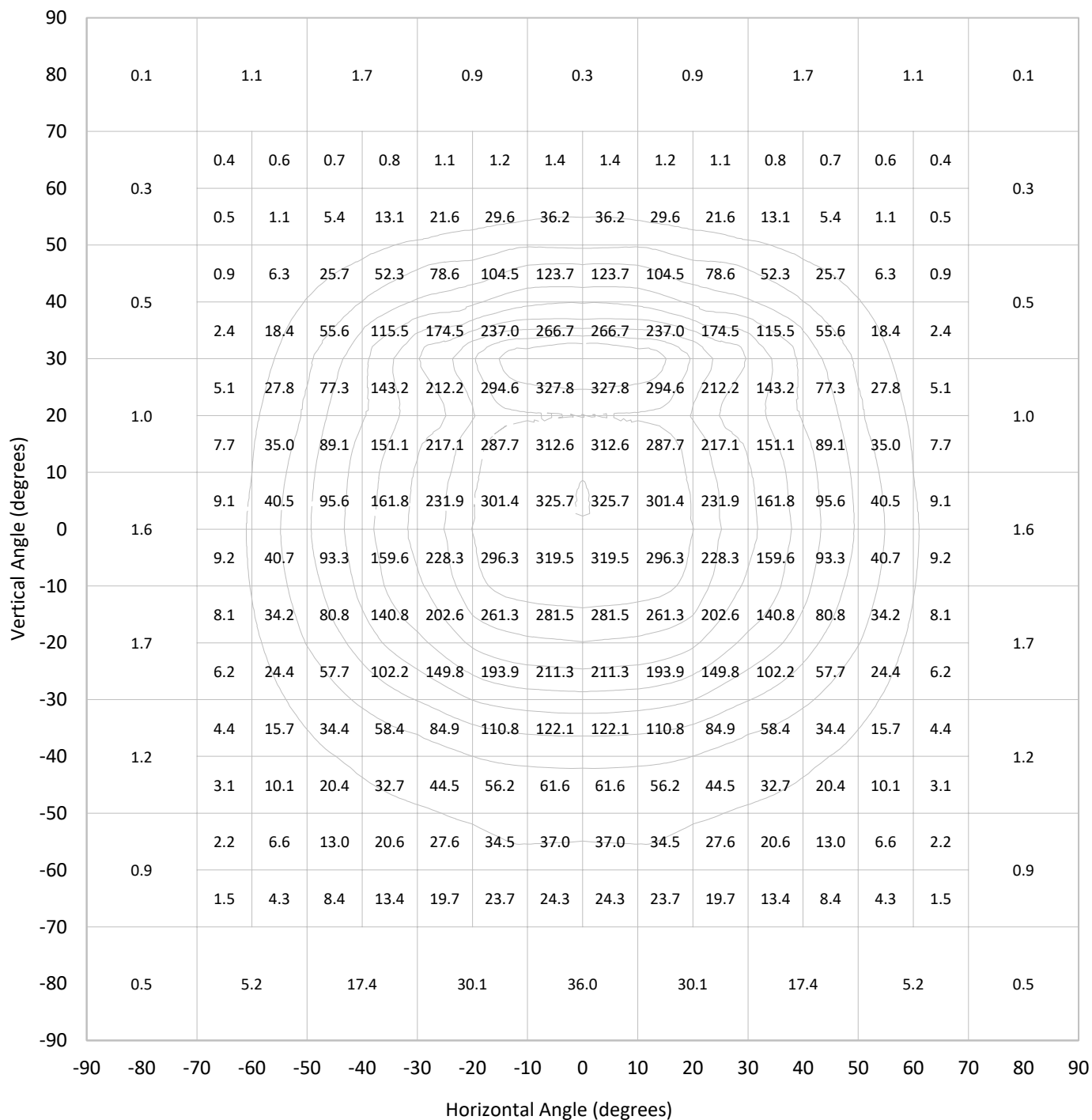
Iso-Candela Plot



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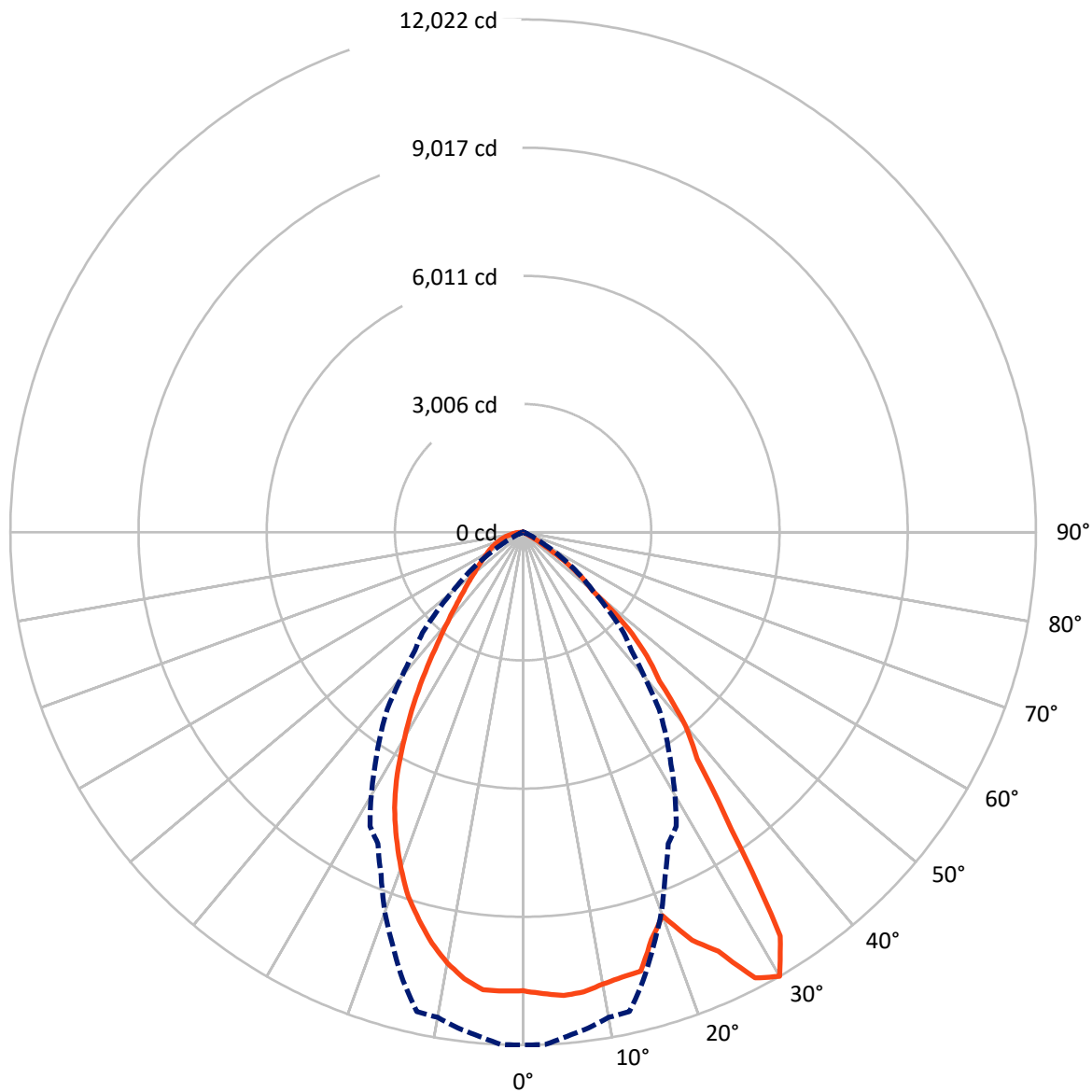
Lumen Table



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Luminous Intensity Polar Plot



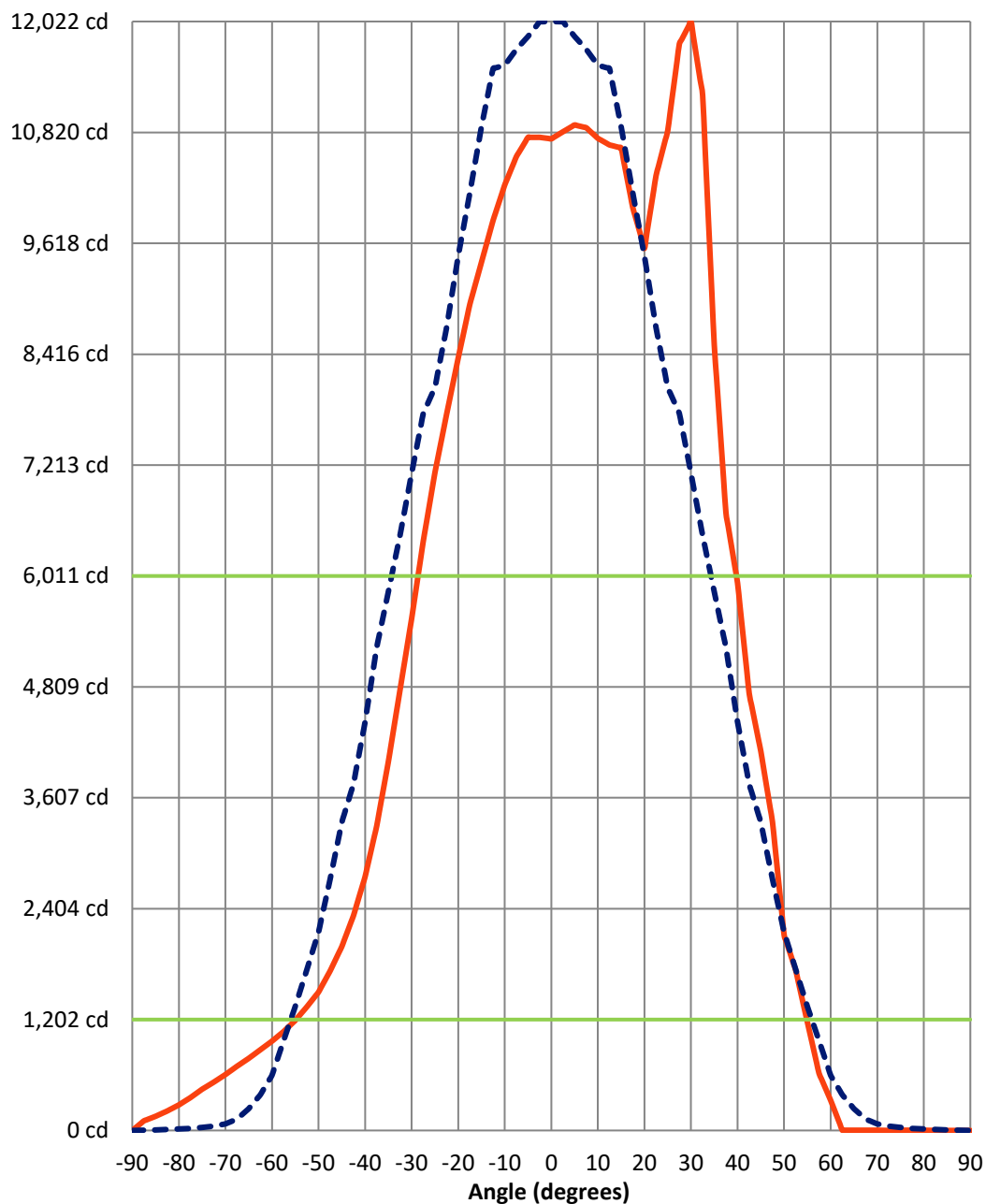
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10986.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16235.6

Efficiency: 94.3%

Spill:

Lumens: 985.5

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	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	8.2
82.5°	0.0	2.7	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	11.0
80°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
77.5°	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0	13.7
75°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	13.7
72.5°	0.0	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
70°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	11.0	11.0	11.0
67.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	11.0	11.0	13.7
65°	2.7	2.7	2.7	5.5	8.2	8.2	11.0	13.7	13.7	16.5	19.2
62.5°	2.7	5.5	5.5	8.2	11.0	13.7	30.2	46.6	46.6	32.9	27.4
60°	326.3	353.7	350.9	318.0	276.9	233.0	224.8	216.6	200.1	175.5	183.7
57.5°	619.6	652.5	666.2	658.0	636.1	597.7	575.8	551.1	518.2	479.8	435.9
55°	1173.4	1187.1	1157.0	1099.4	1036.4	973.3	951.4	918.5	869.1	819.8	754.0
52.5°	1735.5	1782.1	1768.4	1710.8	1625.8	1513.4	1390.0	1294.1	1236.5	1181.7	1115.9
50°	2119.3	2138.5	2176.9	2245.4	2270.1	2193.3	1993.2	1735.5	1551.8	1645.0	1573.7
47.5°	3344.8	3440.8	3421.6	3372.3	3290.0	3081.6	2802.0	2571.7	2379.8	2316.7	2327.7
45°	4109.8	4148.1	4134.4	4112.5	4074.1	3879.5	3569.7	3216.0	3037.8	2966.5	2892.5
42.5°	4737.6	4778.7	4787.0	4789.7	4748.6	4570.4	4290.7	3937.0	3758.8	3553.2	3391.4
40°	5935.7	5996.0	5927.5	5837.0	5699.9	5497.0	5222.9	4896.6	4581.3	4329.1	4137.2
37.5°	6700.6	6774.7	6802.1	6796.6	6766.4	6678.7	6341.5	6031.7	5549.1	4984.4	5085.8
35°	8515.6	8592.4	8570.5	8488.2	8444.3	8351.1	8022.1	7654.7	7048.8	6434.7	6270.2
32.5°	11221.7	11388.9	11076.3	10733.6	10522.5	10596.6	10262.1	9362.8	9083.2	7975.5	7462.8
30°	12022.2	12019.5	11860.5	11720.6	11547.9	11512.3	10881.7	10163.4	9478.0	8702.1	8055.0
27.5°	11778.2	11728.9	11594.5	11493.1	11331.3	11246.3	10629.5	10059.2	9266.8	8573.2	7948.1
25°	10837.8	10876.2	10739.1	10719.9	10656.9	10492.4	10185.3	9543.8	8836.4	8068.7	7619.1
22.5°	10352.5	10338.8	10174.3	10078.4	10155.1	9979.7	9856.3	9209.3	8471.8	7824.7	7284.6
20°	9562.9	9565.7	9524.6	9516.3	9469.7	9390.2	9291.5	8833.7	8312.7	7758.9	7109.2
17.5°	10004.4	10116.8	10166.1	9757.6	9872.8	9782.3	9678.1	9039.3	8647.2	8156.5	7309.3
15°	10651.4	10610.3	10560.9	10539.0	10475.9	10390.9	10201.8	9691.8	9017.4	8510.1	7849.4
12.5°	10684.3	10604.8	10585.6	10582.8	10517.0	10399.2	10215.5	9793.2	9195.6	8578.7	8041.3
10°	10755.6	10673.3	10662.4	10676.1	10574.6	10500.6	10316.9	9924.8	9250.4	8696.6	8189.4
7.5°	10870.7	10733.6	10796.7	10755.6	10709.0	10591.1	10393.7	10009.8	9450.5	8852.9	8321.0
5°	10900.9	10750.1	10818.6	10780.2	10711.7	10596.6	10382.7	10064.7	9573.9	8915.9	8373.1
2.5°	10826.9	10783.0	10752.8	10681.5	10651.4	10525.3	10322.4	9982.4	9516.3	8888.5	8362.1
0°	10750.1	10788.5	10719.9	10648.6	10634.9	10533.5	10360.8	10053.7	9650.7	8965.3	8455.3
-2.5°	10766.5	10736.4	10689.8	10615.7	10544.5	10399.2	10242.9	9955.0	9521.8	8798.0	8323.7
-5°	10766.5	10626.7	10632.2	10634.9	10563.7	10412.9	10223.7	9979.7	9445.1	8795.3	8285.3
-7.5°	10558.2	10437.5	10418.3	10401.9	10382.7	10242.9	10094.8	9790.5	9316.2	8724.0	8178.4
-10°	10251.1	10133.2	10144.2	10119.5	10059.2	9966.0	9853.6	9579.4	9190.1	8499.2	7961.8
-12.5°	9867.3	9815.2	9785.0	9743.9	9683.6	9601.3	9486.2	9228.5	8811.7	8222.3	7712.3
-15°	9412.2	9373.8	9346.4	9321.7	9233.9	9149.0	8998.2	8759.6	8499.2	7865.9	7344.9
-17.5°	8957.0	8861.1	8822.7	8789.8	8732.2	8595.1	8458.1	8279.8	7915.2	7413.5	6966.6
-20°	8373.1	8315.5	8268.9	8225.0	8142.8	8035.8	7923.4	7717.8	7402.5	6996.7	6533.4

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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°	7761.7	7728.8	7690.4	7635.6	7580.7	7479.3	7323.0	7125.6	6878.9	6440.2	6007.0
-25°	7131.1	7068.0	7021.4	6969.3	6925.5	6832.2	6681.5	6492.3	6182.5	5804.1	5442.2
-27.5°	6388.1	6327.8	6303.1	6242.8	6204.4	6119.4	5968.6	5793.1	5513.5	5195.5	4828.1
-30°	5549.1	5560.1	5532.7	5475.1	5428.5	5318.8	5203.7	5055.6	4836.3	4532.0	4203.0
-32.5°	4773.2	4787.0	4754.1	4693.7	4633.4	4553.9	4447.0	4312.6	4148.1	3857.5	3572.4
-35°	3997.4	3991.9	3964.5	3928.8	3887.7	3821.9	3701.3	3599.8	3410.6	3207.8	3010.4
-37.5°	3301.0	3314.7	3306.5	3287.3	3240.7	3185.8	3087.1	2993.9	2854.1	2675.9	2522.3
-40°	2749.9	2766.3	2755.4	2736.2	2695.1	2662.2	2596.4	2514.1	2401.7	2248.2	2119.3
-42.5°	2327.7	2338.6	2324.9	2308.5	2272.8	2248.2	2196.1	2127.5	2034.3	1916.4	1801.3
-45°	1993.2	1995.9	1982.2	1971.3	1943.8	1913.7	1869.8	1815.0	1741.0	1658.7	1565.5
-47.5°	1730.0	1727.3	1713.5	1702.6	1680.6	1653.2	1617.6	1568.2	1510.7	1447.6	1373.6
-50°	1499.7	1513.4	1507.9	1497.0	1480.5	1461.3	1425.7	1373.6	1316.0	1269.4	1217.3
-52.5°	1340.7	1343.4	1340.7	1340.7	1337.9	1324.2	1283.1	1231.0	1168.0	1126.8	1083.0
-55°	1192.6	1206.3	1211.8	1217.3	1220.0	1220.0	1170.7	1115.9	1055.5	1014.4	981.5
-57.5°	1072.0	1080.2	1085.7	1099.4	1110.4	1118.6	1074.7	1025.4	978.8	940.4	910.2
-60°	967.8	978.8	987.0	1000.7	1008.9	1014.4	987.0	954.1	926.7	902.0	858.1
-62.5°	874.6	882.8	891.0	899.3	907.5	913.0	902.0	885.6	871.9	860.9	806.1
-65°	781.4	789.6	797.8	808.8	817.0	822.5	819.8	808.8	797.8	786.9	737.5
-67.5°	696.4	704.6	715.6	718.3	723.8	726.5	721.1	712.8	699.1	685.4	647.0
-70°	605.9	611.4	616.9	616.9	616.9	614.1	608.7	597.7	584.0	564.8	534.6
-72.5°	523.7	529.1	534.6	526.4	520.9	512.7	504.5	490.8	477.1	463.3	446.9
-75°	446.9	449.6	449.6	438.7	430.4	422.2	411.3	403.0	389.3	378.4	364.6
-77.5°	356.4	356.4	356.4	348.2	342.7	337.2	329.0	320.8	309.8	301.6	290.6
-80°	276.9	276.9	276.9	274.2	265.9	260.5	255.0	249.5	241.3	235.8	230.3
-82.5°	211.1	211.1	211.1	208.4	202.9	200.1	194.7	189.2	186.4	181.0	178.2
-85°	153.5	156.3	156.3	153.5	150.8	145.3	142.6	139.8	137.1	134.3	128.9
-87.5°	104.2	104.2	104.2	101.4	98.7	98.7	96.0	90.5	85.0	82.3	79.5
-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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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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	8.2	8.2	8.2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.2
82.5°	13.7	13.7	16.5	16.5	19.2	19.2	19.2	19.2	19.2	19.2	19.2
80°	13.7	16.5	19.2	21.9	24.7	27.4	27.4	27.4	27.4	24.7	24.7
77.5°	16.5	16.5	19.2	21.9	24.7	27.4	30.2	32.9	30.2	30.2	30.2
75°	16.5	19.2	19.2	21.9	24.7	27.4	30.2	32.9	32.9	32.9	32.9
72.5°	13.7	16.5	19.2	21.9	21.9	24.7	27.4	27.4	30.2	30.2	32.9
70°	13.7	16.5	19.2	19.2	21.9	21.9	24.7	27.4	27.4	30.2	30.2
67.5°	16.5	19.2	19.2	21.9	24.7	24.7	24.7	27.4	27.4	30.2	30.2
65°	19.2	21.9	21.9	24.7	27.4	27.4	30.2	30.2	30.2	32.9	32.9
62.5°	32.9	32.9	32.9	30.2	32.9	32.9	32.9	35.6	35.6	32.9	35.6
60°	170.0	123.4	85.0	106.9	96.0	43.9	43.9	43.9	41.1	41.1	38.4
57.5°	400.3	372.9	320.8	271.4	244.0	216.6	134.3	54.8	54.8	49.4	43.9
55°	669.0	578.5	540.1	474.3	403.0	370.1	307.1	208.4	98.7	65.8	57.6
52.5°	1036.4	951.4	852.7	718.3	622.4	545.6	493.5	392.1	263.2	139.8	87.7
50°	1387.3	1348.9	1288.6	1157.0	956.8	828.0	743.0	627.8	471.6	287.9	164.5
47.5°	2234.5	1913.7	1719.0	1617.6	1450.3	1206.3	1041.8	913.0	723.8	485.3	290.6
45°	2813.0	2610.1	2300.3	2086.4	1839.7	1581.9	1368.1	1220.0	995.2	726.5	455.1
42.5°	3309.2	3133.7	2854.1	2541.5	2281.1	1943.8	1669.7	1475.0	1285.8	992.5	679.9
40°	3948.0	3739.6	3471.0	3166.6	2862.3	2431.9	1987.7	1751.9	1543.6	1283.1	918.5
37.5°	5000.8	4633.4	4194.8	3857.5	3460.0	3095.3	2486.7	2070.0	1823.2	1551.8	1198.1
35°	6267.5	5864.4	5132.4	4685.5	4153.6	3610.8	3062.4	2445.6	2094.6	1806.8	1455.8
32.5°	7446.4	6856.9	5919.3	5395.6	5041.9	4041.2	3473.7	2939.1	2374.3	2020.6	1603.9
30°	7772.6	7122.9	6451.2	5839.8	5236.6	4427.8	3756.1	3339.4	2725.2	2149.5	1743.7
27.5°	7443.6	6996.7	6475.8	5908.3	5255.8	4562.1	3928.8	3531.3	2982.9	2237.2	1853.4
25°	7109.2	6643.1	6278.4	5804.1	5200.9	4553.9	3934.3	3651.9	3183.1	2407.2	1913.7
22.5°	6755.5	6464.9	6163.3	5634.1	5063.9	4578.6	4112.5	3756.1	3287.3	2599.1	1938.4
20°	6774.7	6585.5	6253.7	5546.4	5039.2	4723.9	4326.4	3887.7	3399.7	2766.3	1957.6
17.5°	7081.7	6835.0	6418.3	5804.1	5261.3	4871.9	4504.6	4068.6	3514.8	2914.4	2190.6
15°	7460.1	7084.5	6648.6	6108.4	5494.3	5033.7	4641.6	4194.8	3646.4	3051.5	2399.0
12.5°	7734.3	7199.6	6791.1	6303.1	5746.5	5209.2	4732.1	4290.7	3769.8	3163.9	2555.2
10°	7827.5	7342.2	6859.7	6423.7	5875.4	5302.4	4800.7	4351.0	3876.7	3251.6	2670.4
7.5°	7876.8	7465.6	6906.3	6478.6	5952.2	5360.0	4855.5	4383.9	3961.7	3311.9	2744.4
5°	7871.3	7531.4	6941.9	6495.0	5993.3	5384.6	4893.9	4392.2	4022.0	3364.0	2788.3
2.5°	7846.7	7575.2	6999.5	6522.4	6075.5	5431.2	4967.9	4408.6	4044.0	3421.6	2818.4
0°	7937.1	7578.0	7059.8	6530.7	6130.4	5447.7	5000.8	4394.9	4013.8	3438.1	2815.7
-2.5°	7742.5	7416.2	7046.1	6459.4	6056.3	5409.3	4940.5	4351.0	3948.0	3418.9	2804.7
-5°	7709.6	7298.3	6930.9	6393.6	5933.0	5329.8	4828.1	4268.8	3843.8	3355.8	2760.9
-7.5°	7621.8	7185.9	6818.5	6341.5	5817.8	5247.6	4721.2	4183.8	3731.4	3257.1	2697.8
-10°	7429.9	7013.2	6697.9	6229.1	5678.0	5129.7	4592.3	4071.4	3599.8	3122.8	2599.1
-12.5°	7155.8	6739.0	6426.5	5990.5	5502.5	4970.6	4438.8	3926.1	3449.0	2980.2	2481.2
-15°	6846.0	6423.7	6111.2	5713.6	5242.1	4723.9	4244.1	3742.4	3276.3	2829.4	2341.4
-17.5°	6495.0	6094.7	5793.1	5406.6	4937.7	4444.2	3967.2	3512.1	3076.2	2673.1	2179.6
-20°	6089.2	5699.9	5423.0	5036.4	4606.0	4126.2	3662.9	3232.4	2840.4	2462.0	2001.4

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CATALOG NUMBER: IFLD-S-SA3D-950-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°	5587.5	5244.8	4929.5	4584.1	4208.5	3769.8	3339.4	2958.3	2582.7	2212.5	1817.7
-25°	5074.8	4743.1	4436.0	4120.7	3761.6	3383.2	3015.8	2670.4	2303.0	1968.5	1639.5
-27.5°	4504.6	4208.5	3934.3	3643.7	3314.7	2988.4	2686.8	2349.6	2031.6	1746.4	1464.1
-30°	3895.9	3654.6	3416.1	3158.4	2892.5	2618.3	2349.6	2031.6	1782.1	1554.5	1316.0
-32.5°	3311.9	3095.3	2903.4	2711.5	2481.2	2256.4	2017.9	1782.1	1573.7	1373.6	1173.4
-35°	2799.2	2568.9	2462.0	2308.5	2124.8	1921.9	1727.3	1562.8	1395.5	1214.6	1036.4
-37.5°	2355.1	2207.0	2080.9	1965.8	1820.5	1645.0	1505.2	1370.8	1231.0	1066.5	913.0
-40°	2006.9	1900.0	1773.9	1688.9	1571.0	1444.9	1305.0	1192.6	1074.7	940.4	814.3
-42.5°	1727.3	1639.5	1557.3	1466.8	1379.1	1272.1	1151.5	1044.6	937.7	839.0	734.8
-45°	1497.0	1433.9	1368.1	1294.1	1217.3	1124.1	1025.4	915.7	839.0	751.2	663.5
-47.5°	1307.8	1261.2	1206.3	1148.8	1083.0	1000.7	910.2	830.7	751.2	677.2	592.2
-50°	1157.0	1113.1	1069.3	1019.9	962.3	891.0	822.5	748.5	674.5	603.2	523.7
-52.5°	1030.9	992.5	956.8	915.7	860.9	800.6	737.5	671.7	603.2	531.9	468.8
-55°	943.1	899.3	863.6	822.5	773.2	715.6	658.0	597.7	531.9	477.1	425.0
-57.5°	871.9	822.5	781.4	737.5	688.2	638.8	586.7	531.9	482.5	430.4	381.1
-60°	811.5	754.0	707.4	663.5	616.9	570.3	526.4	479.8	433.2	386.6	337.2
-62.5°	748.5	688.2	630.6	589.5	553.8	512.7	474.3	430.4	389.3	342.7	307.1
-65°	677.2	619.6	564.8	529.1	496.2	460.6	425.0	386.6	350.9	315.3	282.4
-67.5°	597.7	548.3	510.0	477.1	444.2	414.0	381.1	348.2	318.0	282.4	249.5
-70°	501.7	474.3	452.4	427.7	397.5	370.1	340.0	309.8	276.9	246.8	216.6
-72.5°	427.7	411.3	394.8	370.1	342.7	318.0	293.4	265.9	238.5	211.1	186.4
-75°	350.9	337.2	323.5	307.1	285.1	265.9	244.0	219.3	197.4	178.2	159.0
-77.5°	282.4	271.4	263.2	249.5	233.0	216.6	202.9	186.4	170.0	150.8	131.6
-80°	224.8	219.3	216.6	211.1	197.4	183.7	172.7	159.0	142.6	128.9	115.2
-82.5°	175.5	175.5	172.7	170.0	159.0	148.1	139.8	128.9	117.9	106.9	93.2
-85°	128.9	126.1	126.1	123.4	115.2	109.7	101.4	96.0	87.7	76.8	71.3
-87.5°	76.8	74.0	71.3	68.5	63.1	60.3	54.8	52.1	46.6	41.1	38.4
-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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CATALOG NUMBER: IFLD-S-SA3D-950-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
85°	8.2	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7
82.5°	16.5	16.5	13.7	13.7	11.0	8.2	5.5	5.5	5.5	2.7	2.7
80°	24.7	24.7	24.7	21.9	19.2	13.7	11.0	8.2	5.5	2.7	2.7
77.5°	30.2	27.4	27.4	24.7	24.7	21.9	16.5	13.7	8.2	5.5	2.7
75°	30.2	30.2	30.2	27.4	27.4	24.7	21.9	16.5	13.7	8.2	5.5
72.5°	32.9	30.2	30.2	30.2	27.4	24.7	21.9	19.2	16.5	11.0	5.5
70°	30.2	30.2	30.2	30.2	27.4	27.4	21.9	19.2	19.2	11.0	8.2
67.5°	30.2	30.2	30.2	27.4	27.4	24.7	21.9	19.2	19.2	13.7	8.2
65°	32.9	30.2	30.2	30.2	27.4	24.7	21.9	19.2	19.2	16.5	11.0
62.5°	35.6	32.9	32.9	30.2	27.4	24.7	21.9	19.2	19.2	16.5	11.0
60°	38.4	35.6	32.9	32.9	30.2	27.4	21.9	21.9	19.2	16.5	11.0
57.5°	41.1	38.4	38.4	35.6	32.9	30.2	24.7	21.9	19.2	16.5	13.7
55°	49.4	43.9	41.1	41.1	38.4	32.9	27.4	21.9	19.2	16.5	13.7
52.5°	65.8	52.1	46.6	46.6	43.9	38.4	30.2	24.7	19.2	16.5	13.7
50°	104.2	65.8	54.8	49.4	49.4	43.9	35.6	27.4	19.2	16.5	13.7
47.5°	164.5	109.7	65.8	57.6	54.8	52.1	41.1	27.4	21.9	16.5	13.7
45°	271.4	161.8	106.9	68.5	57.6	54.8	46.6	30.2	21.9	19.2	13.7
42.5°	372.9	252.2	164.5	82.3	68.5	60.3	49.4	32.9	24.7	19.2	13.7
40°	586.7	345.5	230.3	134.3	79.5	63.1	54.8	38.4	24.7	19.2	13.7
37.5°	795.1	457.9	309.8	197.4	90.5	71.3	57.6	41.1	27.4	19.2	16.5
35°	1003.5	641.6	383.8	263.2	120.6	85.0	60.3	43.9	27.4	19.2	16.5
32.5°	1189.9	814.3	460.6	329.0	181.0	101.4	65.8	46.6	30.2	21.9	16.5
30°	1343.4	973.3	597.7	386.6	235.8	123.4	71.3	46.6	32.9	21.9	16.5
27.5°	1458.6	1096.7	737.5	446.9	282.4	145.3	82.3	52.1	32.9	21.9	16.5
25°	1551.8	1192.6	860.9	510.0	323.5	181.0	98.7	54.8	35.6	24.7	16.5
22.5°	1625.8	1272.1	962.3	594.9	372.9	216.6	120.6	60.3	35.6	24.7	16.5
20°	1727.3	1351.6	1030.9	685.4	425.0	249.5	139.8	65.8	35.6	24.7	19.2
17.5°	1815.0	1431.2	1085.7	762.2	477.1	274.2	161.8	71.3	38.4	24.7	19.2
15°	1916.4	1507.9	1135.1	822.5	526.4	296.1	181.0	76.8	38.4	27.4	19.2
12.5°	2026.1	1579.2	1170.7	871.9	578.5	315.3	197.4	87.7	41.1	27.4	19.2
10°	2138.5	1639.5	1200.9	907.5	616.9	334.5	208.4	98.7	43.9	27.4	19.2
7.5°	2250.9	1694.4	1239.2	923.9	633.3	356.4	213.9	109.7	43.9	30.2	19.2
5°	2327.7	1730.0	1294.1	934.9	641.6	381.1	222.1	123.4	46.6	30.2	19.2
2.5°	2393.5	1751.9	1351.6	943.1	644.3	394.8	219.3	131.6	49.4	30.2	19.2
0°	2423.6	1751.9	1390.0	937.7	636.1	408.5	219.3	139.8	49.4	30.2	19.2
-2.5°	2377.0	1801.3	1379.1	940.4	638.8	408.5	230.3	142.6	54.8	32.9	19.2
-5°	2303.0	1820.5	1346.2	926.7	633.3	408.5	244.0	145.3	57.6	32.9	21.9
-7.5°	2231.7	1828.7	1307.8	913.0	625.1	397.5	246.8	142.6	63.1	35.6	21.9
-10°	2138.5	1738.2	1258.4	888.3	608.7	389.3	252.2	142.6	65.8	35.6	21.9
-12.5°	2031.6	1628.6	1198.1	852.7	589.5	381.1	255.0	142.6	68.5	38.4	21.9
-15°	1908.2	1516.1	1129.6	814.3	562.0	370.1	249.5	139.8	71.3	38.4	24.7
-17.5°	1768.4	1406.5	1058.3	767.7	531.9	356.4	238.5	137.1	71.3	38.4	24.7
-20°	1609.4	1296.8	978.8	721.1	496.2	340.0	227.6	131.6	71.3	38.4	24.7

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CATALOG NUMBER: IFLD-S-SA3D-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1466.8	1195.4	896.5	669.0	457.9	320.8	213.9	126.1	71.3	41.1	24.7
-25°	1348.9	1096.7	833.5	616.9	416.7	298.8	200.1	120.6	71.3	41.1	24.7
-27.5°	1225.5	989.7	767.7	567.5	389.3	279.7	186.4	115.2	68.5	41.1	24.7
-30°	1099.4	885.6	699.1	512.7	361.9	260.5	175.5	106.9	68.5	41.1	24.7
-32.5°	984.3	800.6	636.1	457.9	331.7	241.3	164.5	104.2	65.8	41.1	24.7
-35°	871.9	723.8	570.3	414.0	298.8	222.1	153.5	101.4	65.8	41.1	24.7
-37.5°	778.6	652.5	510.0	383.8	279.7	205.6	142.6	96.0	63.1	41.1	24.7
-40°	701.9	586.7	452.4	350.9	263.2	189.2	131.6	93.2	63.1	41.1	24.7
-42.5°	630.6	523.7	416.7	323.5	246.8	178.2	123.4	90.5	60.3	41.1	24.7
-45°	567.5	468.8	381.1	298.8	227.6	164.5	117.9	85.0	57.6	41.1	27.4
-47.5°	504.5	430.4	348.2	276.9	208.4	148.1	112.4	82.3	54.8	38.4	27.4
-50°	455.1	389.3	320.8	252.2	189.2	142.6	106.9	76.8	54.8	38.4	27.4
-52.5°	411.3	350.9	290.6	227.6	172.7	134.3	101.4	71.3	52.1	38.4	27.4
-55°	370.1	315.3	260.5	202.9	161.8	126.1	93.2	65.8	52.1	38.4	27.4
-57.5°	329.0	282.4	230.3	183.7	148.1	117.9	87.7	65.8	52.1	38.4	27.4
-60°	296.1	252.2	208.4	170.0	137.1	106.9	79.5	63.1	49.4	38.4	27.4
-62.5°	268.7	227.6	189.2	153.5	126.1	96.0	76.8	63.1	49.4	38.4	24.7
-65°	241.3	205.6	170.0	139.8	112.4	90.5	74.0	60.3	49.4	38.4	24.7
-67.5°	213.9	181.0	153.5	123.4	104.2	87.7	71.3	60.3	46.6	35.6	24.7
-70°	186.4	159.0	134.3	115.2	98.7	82.3	68.5	57.6	46.6	32.9	21.9
-72.5°	164.5	139.8	120.6	106.9	93.2	79.5	65.8	54.8	43.9	30.2	19.2
-75°	139.8	123.4	109.7	96.0	85.0	74.0	63.1	49.4	38.4	27.4	19.2
-77.5°	117.9	106.9	96.0	87.7	76.8	65.8	54.8	43.9	35.6	24.7	16.5
-80°	101.4	93.2	85.0	76.8	68.5	57.6	49.4	38.4	30.2	21.9	13.7
-82.5°	82.3	76.8	68.5	63.1	57.6	49.4	41.1	32.9	21.9	16.5	11.0
-85°	63.1	57.6	54.8	49.4	43.9	35.6	27.4	21.9	16.5	11.0	5.5
-87.5°	32.9	30.2	27.4	24.7	21.9	16.5	13.7	11.0	8.2	5.5	2.7
-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):

	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°	2.7	0.0	0.0	0.0
77.5°	2.7	0.0	0.0	0.0
75°	2.7	2.7	0.0	0.0
72.5°	2.7	2.7	0.0	0.0
70°	2.7	2.7	0.0	0.0
67.5°	5.5	2.7	0.0	0.0
65°	5.5	2.7	0.0	0.0
62.5°	5.5	2.7	0.0	0.0
60°	5.5	2.7	0.0	0.0
57.5°	8.2	2.7	2.7	0.0
55°	8.2	2.7	2.7	0.0
52.5°	8.2	2.7	2.7	0.0
50°	8.2	5.5	2.7	0.0
47.5°	8.2	5.5	2.7	0.0
45°	8.2	5.5	2.7	0.0
42.5°	8.2	5.5	2.7	0.0
40°	11.0	5.5	2.7	0.0
37.5°	11.0	5.5	2.7	0.0
35°	11.0	5.5	2.7	0.0
32.5°	11.0	5.5	2.7	0.0
30°	11.0	5.5	2.7	0.0
27.5°	11.0	8.2	2.7	0.0
25°	11.0	8.2	2.7	0.0
22.5°	13.7	8.2	2.7	0.0
20°	13.7	8.2	2.7	0.0
17.5°	13.7	8.2	2.7	0.0
15°	13.7	8.2	2.7	0.0
12.5°	13.7	8.2	2.7	0.0
10°	13.7	8.2	2.7	0.0
7.5°	13.7	8.2	2.7	0.0
5°	13.7	8.2	2.7	0.0
2.5°	13.7	8.2	2.7	0.0
0°	13.7	8.2	2.7	0.0
-2.5°	13.7	8.2	2.7	0.0
-5°	13.7	8.2	2.7	0.0
-7.5°	13.7	8.2	2.7	0.0
-10°	13.7	8.2	2.7	0.0
-12.5°	16.5	8.2	2.7	0.0
-15°	16.5	8.2	2.7	0.0
-17.5°	16.5	8.2	2.7	0.0
-20°	16.5	8.2	2.7	0.0

REPORT NUMBER: P722750

CATALOG NUMBER: IFLD-S-SA3D-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.5	8.2	2.7	0.0
-25°	16.5	8.2	2.7	0.0
-27.5°	16.5	8.2	2.7	0.0
-30°	16.5	8.2	2.7	0.0
-32.5°	16.5	8.2	2.7	0.0
-35°	16.5	8.2	2.7	0.0
-37.5°	16.5	8.2	2.7	0.0
-40°	16.5	8.2	2.7	0.0
-42.5°	13.7	8.2	2.7	0.0
-45°	16.5	8.2	2.7	0.0
-47.5°	16.5	8.2	2.7	0.0
-50°	16.5	8.2	2.7	0.0
-52.5°	16.5	8.2	2.7	0.0
-55°	16.5	8.2	2.7	0.0
-57.5°	16.5	8.2	2.7	0.0
-60°	16.5	8.2	2.7	0.0
-62.5°	13.7	8.2	2.7	0.0
-65°	13.7	5.5	2.7	0.0
-67.5°	13.7	5.5	2.7	0.0
-70°	13.7	5.5	2.7	0.0
-72.5°	11.0	5.5	2.7	0.0
-75°	11.0	5.5	2.7	0.0
-77.5°	8.2	2.7	0.0	0.0
-80°	8.2	2.7	0.0	0.0
-82.5°	5.5	2.7	0.0	0.0
-85°	2.7	2.7	0.0	0.0
-87.5°	2.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)