

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: P722112

Luminaire Tested: **IFLD-S-SA3D-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722112
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

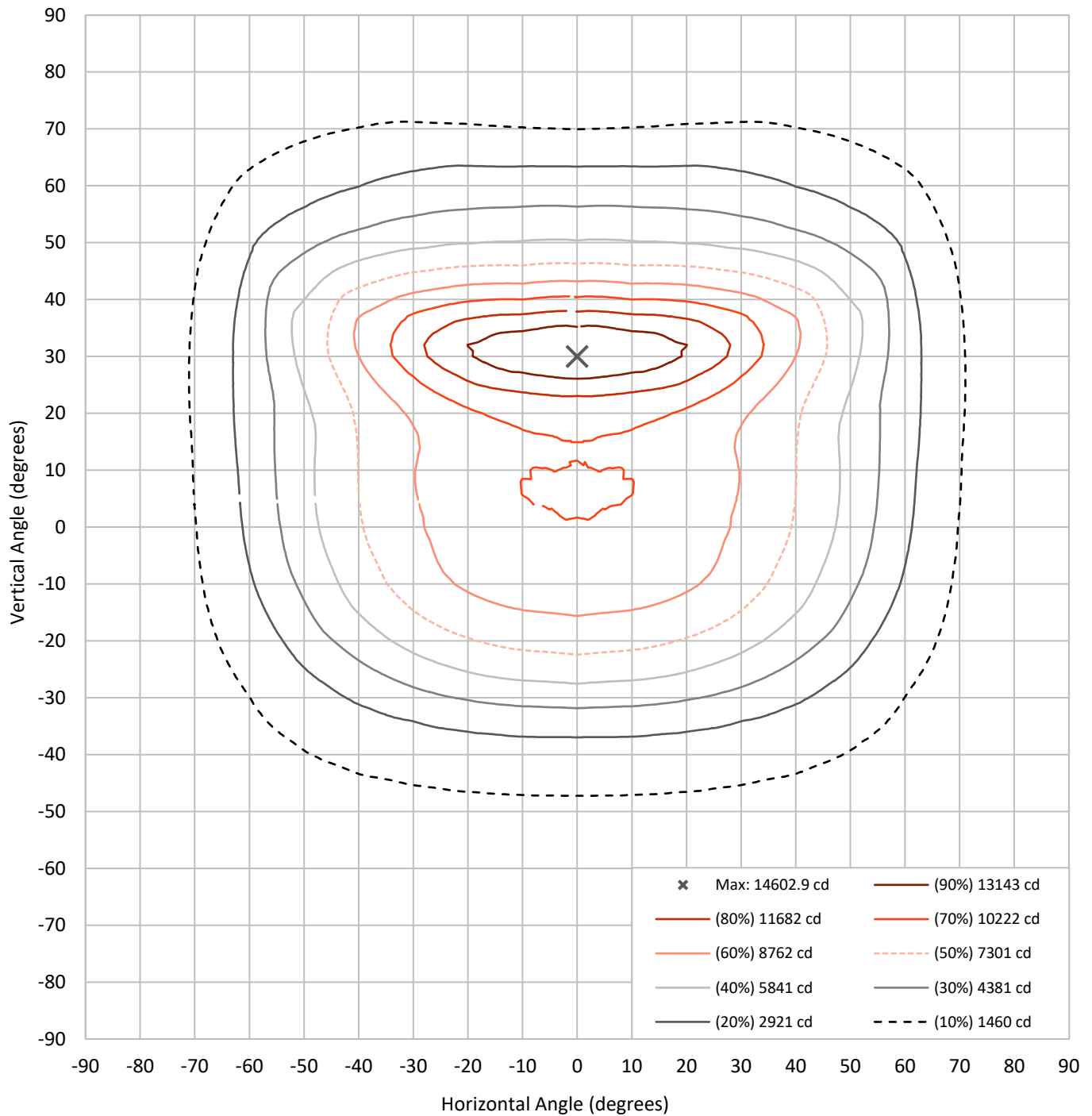
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	24376 lumens	Max Intensity:	14602.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14174.9 lumens	Field Lumens:	22843.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



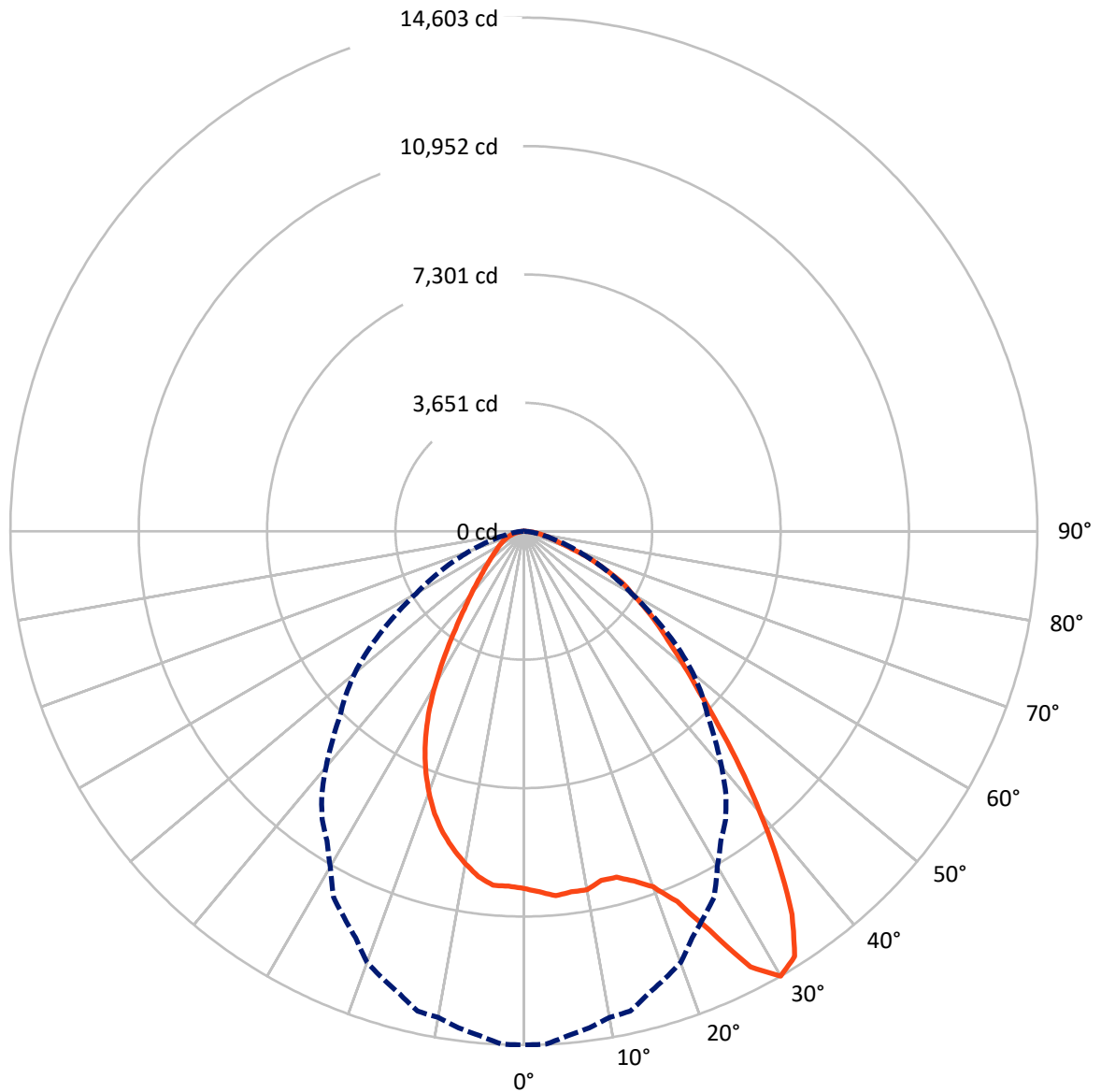
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Iso-Candela Plot



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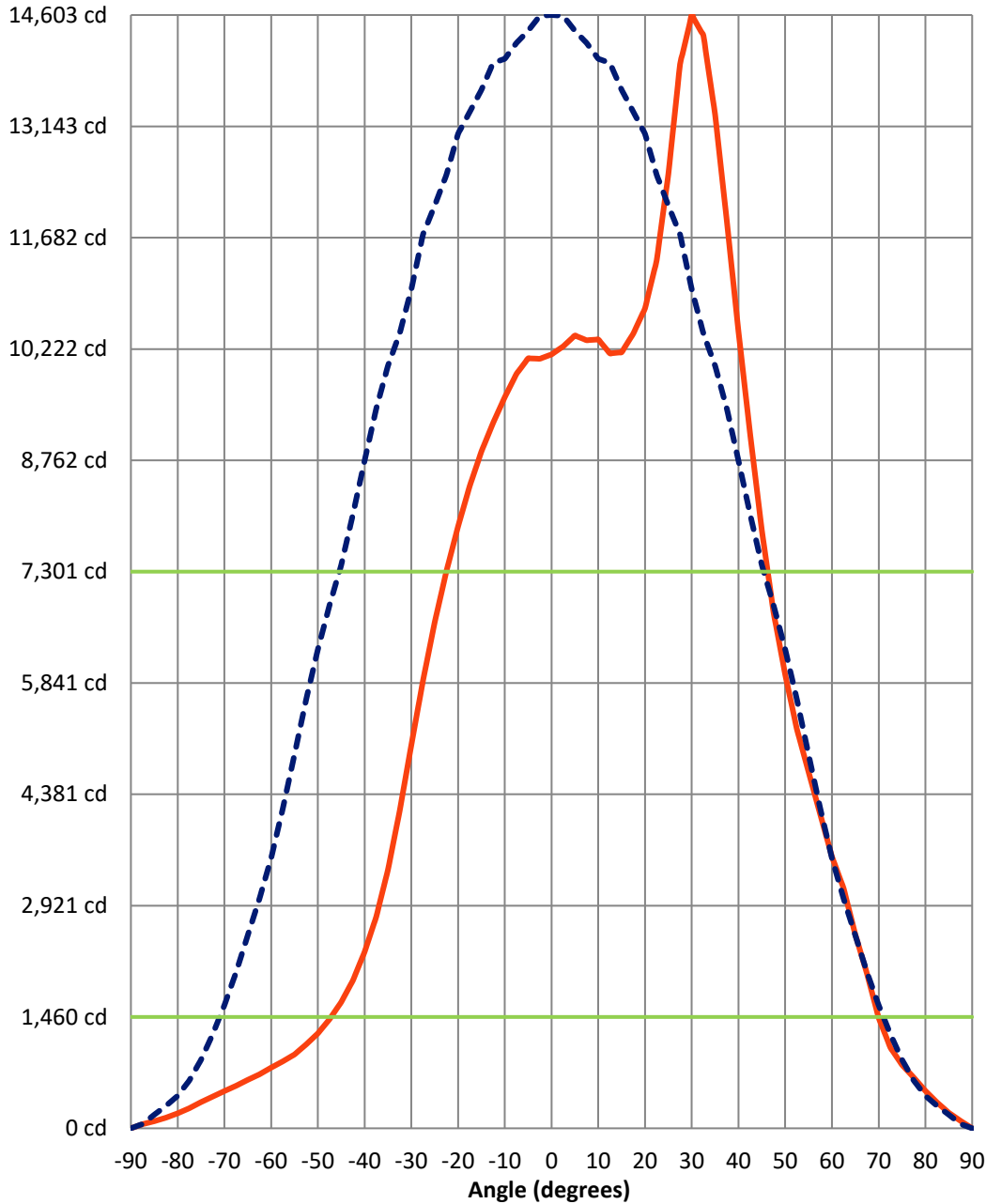
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 14174.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 22843.4
 Efficiency: 93.7%

Spill:
 Lumens: 1532.5
 Efficiency: 6.3%

— 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°	98.1	100.7	103.3	103.3	100.7	100.7	100.7	98.1	100.7	100.7	100.7
85°	204.0	209.2	214.3	211.7	209.2	204.0	198.8	201.4	204.0	206.6	206.6
82.5°	338.3	346.0	351.2	348.6	343.4	338.3	333.1	335.7	340.9	343.4	343.4
80°	490.6	493.2	495.8	501.0	493.2	493.2	490.6	501.0	506.1	511.3	516.5
77.5°	666.2	668.8	668.8	671.4	674.0	676.6	676.6	694.6	707.6	715.3	723.0
75°	831.5	839.2	847.0	854.7	865.1	870.2	878.0	903.8	924.5	940.0	955.5
72.5°	1058.7	1069.1	1082.0	1100.1	1118.1	1131.0	1149.1	1180.1	1203.4	1218.8	1236.9
70°	1448.7	1459.0	1471.9	1484.8	1502.9	1515.8	1533.9	1572.6	1595.9	1606.2	1616.5
67.5°	2027.1	2052.9	2076.2	2050.4	2037.4	2019.4	2024.5	2060.7	2083.9	2099.4	2096.8
65°	2541.0	2559.1	2559.1	2556.5	2546.2	2522.9	2535.8	2579.7	2605.5	2618.5	2579.7
62.5°	3145.2	3145.2	3132.3	3153.0	3155.6	3140.1	3132.3	3134.9	3137.5	3145.2	3080.7
60°	3563.6	3589.4	3597.2	3615.2	3620.4	3620.4	3633.3	3643.6	3643.6	3628.1	3553.3
57.5°	4116.2	4165.3	4175.6	4162.7	4136.9	4103.3	4098.1	4082.6	4051.6	4020.6	3984.5
55°	4674.0	4699.8	4697.2	4689.5	4663.6	4624.9	4630.1	4609.4	4560.4	4521.6	4472.6
52.5°	5234.3	5296.3	5306.6	5291.1	5255.0	5213.7	5216.3	5193.0	5144.0	5102.6	5035.5
50°	5949.6	6001.3	5996.1	5970.3	5918.6	5887.7	5890.2	5846.3	5789.5	5776.6	5688.8
47.5°	6768.2	6827.6	6817.3	6781.1	6711.4	6698.5	6711.4	6654.6	6621.0	6592.6	6489.3
45°	7842.5	7912.2	7873.4	7803.7	7692.7	7705.6	7723.7	7713.3	7641.0	7566.2	7434.5
42.5°	9102.6	9146.5	9100.0	9030.3	8890.9	8916.7	8906.4	8844.4	8800.5	8676.5	8508.7
40°	10450.6	10546.1	10473.8	10365.4	10220.8	10259.5	10231.1	10151.0	10047.7	9892.8	9681.1
37.5°	11904.4	11979.3	11896.7	11770.1	11641.0	11628.1	11571.3	11447.4	11300.2	11129.7	10791.5
35°	13296.3	13490.0	13337.6	13136.2	12978.7	12919.3	12865.0	12578.4	12410.6	12134.3	11672.0
32.5°	14331.8	14473.8	14285.3	14076.1	13885.1	13802.4	13611.3	13270.5	13180.1	12599.1	12175.6
30°	14602.9	14592.6	14396.3	14236.2	14029.7	13972.9	13621.7	13332.4	13043.2	12506.1	12103.3
27.5°	13957.4	13892.8	13704.3	13564.8	13360.8	13293.7	12947.7	12792.7	12346.0	11891.5	11550.6
25°	12519.0	12552.6	12410.6	12340.8	12206.6	12061.9	11925.1	11715.9	11437.0	11039.4	10726.9
22.5°	11385.4	11429.3	11369.9	11287.3	11184.0	11103.9	11000.6	10837.9	10569.4	10324.1	10029.7
20°	10755.3	10742.4	10690.7	10628.8	10530.6	10473.8	10360.2	10223.3	10016.8	9805.0	9487.4
17.5°	10424.8	10344.7	10295.6	10272.4	10220.8	10148.5	10014.2	9874.7	9714.6	9474.5	9242.1
15°	10179.4	10192.4	10153.6	10135.5	10094.2	9993.5	9856.7	9743.0	9526.1	9404.8	9193.0
12.5°	10164.0	10151.0	10153.6	10145.9	10094.2	9965.1	9895.4	9750.8	9611.3	9451.2	9208.5
10°	10347.3	10210.4	10220.8	10256.9	10174.3	10071.0	9996.1	9838.6	9706.9	9502.9	9262.7
7.5°	10337.0	10267.2	10287.9	10228.5	10254.3	10127.8	10024.5	9867.0	9701.7	9484.8	9267.9
5°	10398.9	10293.1	10275.0	10280.2	10215.6	10120.1	9980.6	9830.8	9675.9	9433.2	9211.1
2.5°	10256.9	10272.4	10189.8	10158.8	10151.0	9990.9	9861.8	9717.2	9557.1	9342.8	9143.9
0°	10151.0	10179.4	10094.2	10050.3	10047.7	9910.9	9828.3	9663.0	9549.4	9371.2	9131.0
-2.5°	10094.2	10127.8	10138.1	10058.1	9980.6	9874.7	9735.3	9557.1	9371.2	9164.6	8958.0
-5°	10099.4	10032.3	10003.8	10029.7	9962.5	9856.7	9701.7	9544.2	9360.9	9138.8	8880.5
-7.5°	9895.4	9828.3	9823.1	9810.2	9794.7	9694.0	9564.9	9394.4	9208.5	9001.9	8761.8
-10°	9590.7	9541.6	9528.7	9515.8	9474.5	9415.1	9293.7	9138.8	8970.9	8764.3	8508.7
-12.5°	9252.4	9229.2	9180.1	9146.5	9105.2	9035.5	8919.3	8777.3	8609.4	8426.1	8206.6
-15°	8878.0	8834.1	8785.0	8756.6	8697.2	8614.6	8498.4	8366.7	8183.3	8002.6	7796.0
-17.5°	8426.1	8371.8	8317.6	8309.9	8268.5	8142.0	8033.6	7873.4	7713.3	7540.3	7338.9
-20°	7894.1	7819.2	7783.1	7762.4	7705.6	7612.6	7496.4	7349.2	7194.3	7029.0	6796.6



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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°	7305.3	7240.8	7178.8	7140.1	7091.0	7018.7	6907.7	6778.6	6626.2	6440.3	6225.9
-25°	6636.5	6546.1	6507.4	6463.5	6437.7	6370.5	6262.1	6143.3	5985.8	5805.0	5601.0
-27.5°	5872.2	5799.9	5779.2	5717.2	5686.2	5616.5	5526.1	5415.1	5270.5	5100.1	4932.2
-30°	5027.7	4983.8	4950.3	4888.3	4865.1	4790.2	4730.8	4637.8	4506.1	4384.8	4250.5
-32.5°	4160.1	4116.2	4105.9	4077.5	4062.0	4012.9	3945.8	3878.6	3772.7	3682.4	3573.9
-35°	3390.6	3359.6	3362.2	3359.6	3344.1	3307.9	3225.3	3207.2	3129.8	3047.1	2977.4
-37.5°	2776.0	2778.6	2776.0	2773.4	2752.7	2737.2	2677.9	2654.6	2608.1	2528.1	2486.8
-40°	2313.7	2318.9	2316.3	2311.2	2287.9	2280.2	2241.4	2210.5	2192.4	2135.6	2091.7
-42.5°	1939.3	1947.1	1944.5	1941.9	1926.4	1923.8	1903.2	1867.0	1856.7	1823.1	1776.6
-45°	1655.3	1652.7	1647.5	1652.7	1644.9	1637.2	1624.3	1601.0	1588.1	1572.6	1533.9
-47.5°	1430.6	1433.2	1428.0	1428.0	1417.7	1409.9	1404.8	1389.3	1379.0	1366.0	1342.8
-50°	1244.7	1255.0	1252.4	1249.8	1242.1	1236.9	1236.9	1221.4	1205.9	1200.8	1185.3
-52.5°	1100.1	1107.8	1110.4	1115.6	1118.1	1120.7	1113.0	1097.5	1071.7	1069.1	1061.3
-55°	968.4	991.6	1007.1	1017.4	1027.8	1035.5	1020.0	999.4	973.5	963.2	960.6
-57.5°	878.0	901.2	919.3	934.8	947.7	960.6	945.1	924.5	901.2	888.3	885.7
-60°	795.3	816.0	834.1	854.7	872.8	893.5	885.7	870.2	857.3	847.0	836.7
-62.5°	707.6	728.2	748.9	774.7	797.9	818.6	821.2	818.6	816.0	818.6	800.5
-65°	635.2	645.6	658.5	686.9	712.7	736.0	748.9	756.6	769.5	782.4	764.4
-67.5°	557.8	570.7	586.2	606.8	627.5	643.0	661.1	681.7	702.4	723.0	710.1
-70°	488.1	498.4	511.3	521.6	534.5	544.9	560.4	583.6	606.8	627.5	622.3
-72.5°	415.8	426.1	433.8	439.0	446.7	451.9	459.7	480.3	495.8	506.1	506.1
-75°	343.4	353.8	361.5	364.1	369.3	371.9	377.0	384.8	392.5	395.1	397.7
-77.5°	263.4	273.7	281.5	286.6	291.8	297.0	299.5	304.7	307.3	307.3	309.9
-80°	196.3	204.0	209.2	216.9	219.5	224.7	229.8	232.4	235.0	235.0	237.6
-82.5°	139.4	144.6	149.8	154.9	160.1	162.7	167.8	170.4	173.0	175.6	178.2
-85°	93.0	98.1	103.3	108.5	111.0	113.6	116.2	118.8	121.4	124.0	126.5
-87.5°	54.2	56.8	59.4	64.6	67.1	72.3	74.9	72.3	74.9	74.9	74.9
-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°	100.7	100.7	100.7	100.7	98.1	93.0	90.4	85.2	80.1	74.9	69.7
85°	209.2	211.7	211.7	211.7	206.6	204.0	196.3	188.5	178.2	162.7	149.8
82.5°	348.6	351.2	351.2	348.6	343.4	335.7	325.4	312.5	291.8	271.1	253.1
80°	524.2	526.8	526.8	524.2	511.3	498.4	485.5	470.0	444.2	415.8	384.8
77.5°	733.4	738.5	738.5	730.8	712.7	697.2	676.6	650.7	612.0	570.7	529.4
75°	976.1	989.0	991.6	983.9	960.6	932.2	898.6	854.7	795.3	743.7	694.6
72.5°	1257.6	1270.5	1280.8	1270.5	1236.9	1198.2	1149.1	1097.5	1038.1	968.4	885.7
70°	1626.9	1639.8	1647.5	1613.9	1554.5	1490.0	1430.6	1371.2	1301.5	1216.3	1125.9
67.5°	2091.7	2078.8	2063.3	1996.1	1921.2	1843.8	1761.1	1673.3	1583.0	1492.6	1386.7
65°	2538.4	2502.3	2468.7	2388.6	2293.1	2192.4	2096.8	1998.7	1890.2	1776.6	1675.9
62.5°	3008.4	2930.9	2848.3	2750.2	2652.0	2541.0	2445.4	2329.2	2207.9	2068.4	1939.3
60°	3470.6	3377.7	3295.0	3173.7	3044.5	2894.8	2791.5	2677.9	2535.8	2386.0	2233.7
57.5°	3917.4	3816.6	3726.3	3620.4	3480.9	3318.3	3204.6	3057.4	2907.7	2719.2	2564.2
55°	4392.5	4291.8	4219.5	4100.7	3948.3	3798.6	3674.6	3519.7	3310.5	3109.1	2918.0
52.5°	4937.4	4857.3	4779.8	4658.5	4475.1	4322.8	4185.9	4012.9	3793.4	3545.5	3315.7
50°	5546.8	5505.5	5422.8	5280.8	5071.6	4937.4	4756.6	4526.8	4291.8	4031.0	3744.3
47.5°	6355.1	6287.9	6171.7	6016.8	5841.2	5639.8	5397.0	5128.5	4795.3	4506.1	4201.4
45°	7320.8	7196.9	7047.1	6837.9	6621.0	6393.8	6127.8	5786.9	5340.2	4963.2	4643.0
42.5°	8366.7	8198.8	7994.8	7721.1	7439.6	7160.7	6874.1	6409.3	5851.5	5417.7	5056.2
40°	9459.0	9244.7	8989.0	8591.3	8278.9	7919.9	7592.0	6897.3	6303.4	5833.4	5448.7
37.5°	10528.1	10256.9	9828.3	9345.4	8981.3	8686.9	7966.4	7222.7	6690.8	6174.3	5784.4
35°	11346.6	11116.8	10360.2	9859.2	9546.8	9082.0	8180.7	7419.0	6856.0	6427.4	5820.5
32.5°	11832.1	11238.2	10574.5	10068.4	9810.2	9048.4	8196.2	7475.8	6933.5	6453.2	5727.6
30°	11723.7	11005.8	10424.8	10001.3	9440.9	8756.6	8051.6	7388.0	6861.2	6280.2	5624.3
27.5°	11070.3	10515.1	9996.1	9554.5	9004.5	8389.9	7739.2	7155.6	6664.9	6102.0	5482.2
25°	10331.8	9828.3	9443.5	9058.7	8537.1	7950.9	7377.6	6956.7	6463.5	5908.3	5296.3
22.5°	9652.7	9291.1	8989.0	8586.2	8077.4	7566.2	7209.8	6773.4	6267.3	5704.3	5105.2
20°	9218.8	8973.5	8627.5	8183.3	7783.1	7462.9	7067.8	6605.5	6083.9	5495.1	4942.5
17.5°	9009.7	8725.6	8340.8	8051.6	7744.3	7393.1	6951.6	6460.9	5905.7	5399.6	4960.6
15°	8901.2	8601.7	8348.6	8064.5	7718.5	7349.2	6858.6	6349.9	5905.7	5438.3	4973.5
12.5°	8924.4	8666.2	8389.9	8080.0	7708.2	7313.1	6868.9	6396.4	5936.7	5466.7	4976.1
10°	8996.8	8725.6	8431.2	8087.8	7713.3	7323.4	6897.3	6424.8	5952.2	5479.7	4970.9
7.5°	9022.6	8728.2	8413.1	8067.1	7700.4	7318.3	6902.5	6432.5	5954.8	5477.1	4955.4
5°	8942.5	8676.5	8371.8	8023.2	7664.3	7292.4	6881.8	6422.2	5934.1	5451.2	4916.7
2.5°	8834.1	8619.7	8327.9	7992.2	7628.1	7256.3	6848.3	6375.7	5887.7	5404.8	4867.6
0°	8816.0	8550.0	8255.6	7956.1	7568.7	7176.2	6770.8	6287.9	5802.4	5317.0	4782.4
-2.5°	8697.2	8415.7	8121.3	7796.0	7455.1	7060.0	6633.9	6161.4	5681.1	5203.3	4689.5
-5°	8606.8	8294.4	7981.9	7630.7	7287.3	6892.2	6450.6	5990.9	5521.0	5056.2	4560.4
-7.5°	8485.5	8165.2	7837.3	7470.6	7098.8	6695.9	6259.5	5799.9	5337.6	4875.4	4400.2
-10°	8240.1	7958.7	7651.4	7271.8	6879.3	6476.4	6042.6	5590.7	5128.5	4661.1	4183.3
-12.5°	7943.2	7646.2	7310.5	6961.9	6610.7	6236.3	5802.4	5358.3	4893.5	4423.5	3948.3
-15°	7558.4	7266.6	6923.2	6582.3	6244.0	5885.1	5502.9	5102.6	4630.1	4167.8	3692.7
-17.5°	7078.1	6804.4	6497.1	6171.7	5836.0	5474.5	5102.6	4764.4	4322.8	3889.0	3419.0
-20°	6561.6	6306.0	6029.7	5722.4	5386.7	5032.9	4681.7	4327.9	3945.8	3563.6	3127.2



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 CATALOG NUMBER: IFLD-S-SA3D-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6024.5	5766.3	5487.4	5200.8	4890.9	4562.9	4237.6	3899.3	3563.6	3217.6	2848.3
-25°	5404.8	5177.5	4921.9	4643.0	4366.7	4080.0	3770.2	3462.9	3176.2	2876.7	2574.6
-27.5°	4756.6	4547.4	4315.0	4072.3	3834.7	3594.6	3326.0	3042.0	2804.4	2556.5	2306.0
-30°	4074.9	3907.0	3718.5	3506.8	3323.4	3129.8	2905.1	2670.1	2453.2	2264.7	2063.3
-32.5°	3429.3	3287.3	3153.0	3013.5	2832.8	2683.0	2528.1	2355.1	2164.0	1985.8	1841.2
-35°	2874.1	2721.7	2664.9	2561.6	2432.5	2300.8	2187.2	2063.3	1918.7	1761.1	1642.3
-37.5°	2406.7	2316.3	2236.3	2179.5	2094.2	1988.4	1898.0	1807.6	1696.6	1577.8	1459.0
-40°	2042.6	1980.6	1892.8	1864.4	1810.2	1737.9	1644.9	1575.2	1500.3	1409.9	1309.2
-42.5°	1750.8	1704.3	1647.5	1598.4	1575.2	1523.6	1451.3	1384.1	1324.7	1262.7	1185.3
-45°	1510.6	1479.7	1443.5	1399.6	1381.5	1340.2	1288.6	1213.7	1180.1	1128.5	1071.7
-47.5°	1317.0	1301.5	1275.7	1247.3	1221.4	1190.4	1144.0	1097.5	1051.0	1017.4	973.5
-50°	1164.6	1154.3	1138.8	1115.6	1082.0	1061.3	1030.3	989.0	945.1	916.7	885.7
-52.5°	1043.3	1032.9	1022.6	1004.5	978.7	958.0	932.2	898.6	862.5	834.1	808.3
-55°	950.3	934.8	927.0	911.6	890.9	867.7	844.4	821.2	790.2	764.4	738.5
-57.5°	878.0	857.3	847.0	834.1	813.4	790.2	772.1	748.9	728.2	699.8	676.6
-60°	821.2	797.9	777.3	764.4	746.3	723.0	705.0	686.9	666.2	643.0	614.6
-62.5°	774.7	746.3	717.9	702.4	684.3	663.7	645.6	627.5	606.8	583.6	557.8
-65°	730.8	697.2	661.1	645.6	627.5	606.8	583.6	570.7	552.6	532.0	506.1
-67.5°	676.6	640.4	609.4	591.3	573.3	555.2	534.5	521.6	503.5	477.7	451.9
-70°	596.5	573.3	552.6	537.1	521.6	506.1	485.5	464.8	444.2	420.9	397.7
-72.5°	495.8	488.1	485.5	477.7	459.7	441.6	420.9	400.3	382.2	364.1	346.0
-75°	400.3	405.4	410.6	408.0	389.9	371.9	353.8	335.7	322.8	307.3	291.8
-77.5°	317.6	322.8	328.0	328.0	315.0	304.7	291.8	278.9	268.6	255.6	240.2
-80°	245.3	253.1	260.8	266.0	255.6	247.9	237.6	227.2	216.9	206.6	196.3
-82.5°	185.9	193.7	201.4	206.6	198.8	193.7	185.9	178.2	170.4	160.1	152.4
-85°	134.3	139.4	144.6	147.2	142.0	136.9	131.7	126.5	121.4	113.6	108.5
-87.5°	77.5	80.1	82.6	85.2	80.1	74.9	72.3	67.1	64.6	59.4	56.8
-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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 CATALOG NUMBER: IFLD-S-SA3D-750-U-76

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°	64.6	59.4	54.2	51.6	46.5	38.7	33.6	28.4	23.2	18.1	15.5
85°	136.9	124.0	108.5	100.7	90.4	80.1	69.7	59.4	49.1	38.7	28.4
82.5°	235.0	219.5	204.0	185.9	162.7	134.3	105.9	87.8	72.3	56.8	43.9
80°	353.8	325.4	299.5	276.3	250.5	214.3	175.6	139.4	98.1	74.9	56.8
77.5°	490.6	457.1	420.9	382.2	340.9	291.8	247.9	201.4	152.4	103.3	72.3
75°	645.6	601.7	552.6	498.4	444.2	379.6	317.6	263.4	206.6	144.6	87.8
72.5°	818.6	764.4	705.0	632.7	547.4	472.6	397.7	325.4	258.2	183.3	118.8
70°	1040.7	955.5	867.7	790.2	681.7	562.9	475.1	392.5	307.3	224.7	149.8
67.5°	1278.2	1174.9	1069.1	955.5	818.6	679.1	552.6	459.7	358.9	263.4	178.2
65°	1536.5	1407.4	1273.1	1146.5	958.0	792.8	650.7	524.2	408.0	299.5	206.6
62.5°	1802.4	1650.1	1495.2	1329.9	1113.0	909.0	743.7	596.5	454.5	333.1	232.4
60°	2086.5	1908.3	1719.8	1513.2	1260.2	1035.5	831.5	671.4	503.5	366.7	260.8
57.5°	2386.0	2192.4	1970.3	1691.4	1412.5	1156.9	932.2	738.5	547.4	397.7	281.5
55°	2711.4	2489.3	2246.6	1877.3	1562.3	1278.2	1032.9	805.7	593.9	423.5	302.1
52.5°	3062.6	2804.4	2497.1	2073.6	1719.8	1402.2	1125.9	865.1	637.8	451.9	320.2
50°	3455.1	3129.8	2716.6	2254.4	1856.7	1518.4	1218.8	929.6	674.0	482.9	335.7
47.5°	3863.1	3511.9	2912.8	2422.2	1996.1	1632.0	1314.4	986.4	710.1	508.7	351.2
45°	4289.2	3777.9	3116.8	2572.0	2117.5	1735.3	1386.7	1038.1	754.0	532.0	364.1
42.5°	4710.1	3979.3	3295.0	2721.7	2231.1	1828.3	1446.1	1087.2	790.2	555.2	377.0
40°	4909.0	4131.7	3437.0	2825.0	2326.7	1910.9	1497.7	1131.0	821.2	570.7	389.9
37.5°	4991.6	4224.7	3530.0	2923.2	2401.5	1954.8	1541.6	1169.8	847.0	586.2	400.3
35°	5009.7	4258.2	3576.5	2990.3	2463.5	1996.1	1575.2	1198.2	867.7	601.7	410.6
32.5°	4976.1	4247.9	3589.4	3013.5	2502.3	2027.1	1598.4	1218.8	883.1	617.2	420.9
30°	4901.2	4193.7	3542.9	3011.0	2530.7	2045.2	1613.9	1234.3	898.6	627.5	426.1
27.5°	4779.8	4098.1	3483.5	3013.5	2546.2	2052.9	1621.7	1242.1	909.0	635.2	436.4
25°	4630.1	3969.0	3486.1	3008.4	2548.7	2055.5	1621.7	1242.1	911.6	637.8	444.2
22.5°	4457.1	3969.0	3486.1	3000.6	2533.2	2050.4	1613.9	1236.9	911.6	643.0	451.9
20°	4467.4	3971.6	3478.4	2985.1	2510.0	2034.9	1595.9	1224.0	903.8	650.7	457.1
17.5°	4475.1	3966.4	3462.9	2964.5	2479.0	2009.0	1572.6	1205.9	903.8	658.5	459.7
15°	4475.1	3950.9	3439.6	2933.5	2440.3	1972.9	1539.1	1190.4	906.4	661.1	464.8
12.5°	4467.4	3922.5	3403.5	2892.2	2393.8	1929.0	1518.4	1185.3	906.4	663.7	464.8
10°	4451.9	3883.8	3357.0	2840.5	2349.9	1913.5	1508.1	1174.9	901.2	663.7	464.8
7.5°	4423.5	3837.3	3318.3	2809.5	2324.1	1895.4	1492.6	1159.5	893.5	658.5	470.0
5°	4379.6	3811.5	3287.3	2773.4	2287.9	1882.5	1482.2	1146.5	888.3	658.5	464.8
2.5°	4322.8	3780.5	3251.1	2726.9	2246.6	1838.6	1448.7	1118.1	870.2	648.2	459.7
0°	4229.8	3718.5	3189.1	2662.4	2189.8	1794.7	1415.1	1089.7	852.2	637.8	454.5
-2.5°	4144.6	3635.9	3109.1	2595.2	2135.6	1756.0	1389.3	1074.2	844.4	635.2	451.9
-5°	4025.8	3522.3	3003.2	2507.4	2063.3	1717.2	1363.5	1056.2	836.7	630.1	451.9
-7.5°	3894.1	3403.5	2892.2	2417.0	1991.0	1650.1	1314.4	1027.8	818.6	619.8	449.3
-10°	3690.1	3225.3	2752.7	2313.7	1913.5	1590.7	1273.1	1001.9	803.1	609.4	439.0
-12.5°	3473.2	3029.0	2592.6	2187.2	1825.7	1528.7	1226.6	973.5	785.0	599.1	433.8
-15°	3243.4	2827.6	2424.8	2055.5	1730.1	1453.8	1177.5	942.5	766.9	586.2	426.1
-17.5°	3003.2	2615.9	2251.8	1921.2	1634.6	1376.4	1125.9	914.1	746.3	573.3	418.3
-20°	2750.2	2399.0	2076.2	1784.4	1533.9	1298.9	1071.7	880.6	723.0	557.8	408.0



REPORT NUMBER: P722112

CATALOG NUMBER: IFLD-S-SA3D-750-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2499.7	2184.6	1895.4	1650.1	1430.6	1218.8	1017.4	847.0	697.2	539.7	400.3
-25°	2277.6	1983.2	1735.3	1521.0	1329.9	1141.4	960.6	813.4	668.8	521.6	389.9
-27.5°	2060.7	1810.2	1577.8	1399.6	1231.8	1066.5	906.4	777.3	640.4	501.0	379.6
-30°	1859.3	1644.9	1453.8	1280.8	1138.8	999.4	859.9	741.1	609.4	480.3	366.7
-32.5°	1675.9	1502.9	1342.8	1177.5	1051.0	932.2	816.0	705.0	578.4	459.7	353.8
-35°	1505.5	1371.2	1231.8	1092.3	963.2	870.2	769.5	666.2	550.0	436.4	340.9
-37.5°	1353.1	1244.7	1133.6	1014.8	903.8	810.8	725.6	627.5	521.6	415.8	328.0
-40°	1221.4	1133.6	1035.5	940.0	847.0	759.2	681.7	588.8	493.2	400.3	315.0
-42.5°	1100.1	1032.9	952.9	872.8	790.2	712.7	637.8	547.4	464.8	382.2	302.1
-45°	1007.1	940.0	875.4	803.1	733.4	666.2	591.3	511.3	439.0	361.5	289.2
-47.5°	919.3	859.9	800.5	741.1	684.3	622.3	547.4	480.3	410.6	343.4	278.9
-50°	841.8	785.0	733.4	681.7	632.7	573.3	503.5	449.3	387.3	325.4	266.0
-52.5°	769.5	720.5	668.8	627.5	586.2	526.8	470.0	418.3	364.1	304.7	253.1
-55°	705.0	658.5	612.0	573.3	534.5	482.9	436.4	392.5	340.9	289.2	240.2
-57.5°	643.0	604.3	560.4	524.2	485.5	444.2	405.4	364.1	317.6	273.7	227.2
-60°	586.2	550.0	511.3	475.1	441.6	408.0	371.9	338.3	297.0	255.6	214.3
-62.5°	529.4	498.4	464.8	428.7	402.8	371.9	343.4	309.9	276.3	240.2	191.1
-65°	477.7	449.3	418.3	387.3	364.1	340.9	315.0	284.1	255.6	222.1	170.4
-67.5°	426.1	400.3	374.4	348.6	328.0	309.9	284.1	260.8	237.6	201.4	149.8
-70°	377.0	356.4	333.1	312.5	297.0	276.3	258.2	237.6	216.9	175.6	126.5
-72.5°	330.5	309.9	291.8	276.3	263.4	245.3	229.8	214.3	185.9	147.2	105.9
-75°	276.3	263.4	253.1	240.2	227.2	214.3	201.4	183.3	154.9	118.8	82.6
-77.5°	227.2	219.5	211.7	201.4	191.1	180.8	165.3	147.2	124.0	93.0	67.1
-80°	185.9	178.2	173.0	162.7	154.9	144.6	129.1	113.6	90.4	72.3	54.2
-82.5°	142.0	136.9	131.7	126.5	118.8	108.5	93.0	80.1	67.1	54.2	41.3
-85°	100.7	98.1	93.0	87.8	80.1	72.3	62.0	54.2	46.5	36.2	28.4
-87.5°	51.6	49.1	46.5	43.9	41.3	36.2	31.0	25.8	23.2	18.1	12.9
-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-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.3	7.7	2.6	0.0
85°	20.7	12.9	5.2	0.0
82.5°	31.0	20.7	7.7	0.0
80°	41.3	25.8	12.9	0.0
77.5°	51.6	31.0	15.5	0.0
75°	62.0	38.7	18.1	0.0
72.5°	69.7	43.9	20.7	0.0
70°	82.6	51.6	23.2	0.0
67.5°	103.3	56.8	25.8	0.0
65°	121.4	62.0	28.4	0.0
62.5°	142.0	67.1	31.0	0.0
60°	160.1	72.3	33.6	0.0
57.5°	178.2	85.2	36.2	0.0
55°	193.7	95.5	38.7	0.0
52.5°	211.7	105.9	41.3	0.0
50°	227.2	116.2	43.9	0.0
47.5°	240.2	126.5	43.9	0.0
45°	250.5	134.3	46.5	0.0
42.5°	258.2	142.0	49.1	0.0
40°	266.0	149.8	51.6	0.0
37.5°	273.7	157.5	51.6	0.0
35°	281.5	165.3	54.2	0.0
32.5°	289.2	173.0	54.2	0.0
30°	294.4	178.2	56.8	0.0
27.5°	302.1	183.3	56.8	0.0
25°	304.7	188.5	59.4	0.0
22.5°	309.9	191.1	59.4	0.0
20°	315.0	196.3	59.4	0.0
17.5°	317.6	198.8	62.0	0.0
15°	317.6	201.4	64.6	0.0
12.5°	320.2	204.0	64.6	0.0
10°	320.2	209.2	62.0	0.0
7.5°	325.4	206.6	62.0	0.0
5°	322.8	206.6	62.0	0.0
2.5°	320.2	204.0	62.0	0.0
0°	317.6	204.0	62.0	0.0
-2.5°	317.6	204.0	62.0	0.0
-5°	317.6	204.0	62.0	0.0
-7.5°	315.0	206.6	62.0	0.0
-10°	309.9	206.6	62.0	0.0
-12.5°	307.3	198.8	62.0	0.0
-15°	304.7	196.3	62.0	0.0
-17.5°	299.5	193.7	59.4	0.0
-20°	294.4	191.1	59.4	0.0



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 CATALOG NUMBER: IFLD-S-SA3D-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	289.2	185.9	59.4	0.0
-25°	284.1	180.8	56.8	0.0
-27.5°	278.9	175.6	56.8	0.0
-30°	271.1	170.4	54.2	0.0
-32.5°	263.4	165.3	54.2	0.0
-35°	258.2	157.5	51.6	0.0
-37.5°	250.5	149.8	51.6	0.0
-40°	242.7	142.0	49.1	0.0
-42.5°	235.0	134.3	46.5	0.0
-45°	224.7	126.5	46.5	0.0
-47.5°	216.9	118.8	43.9	0.0
-50°	204.0	108.5	41.3	0.0
-52.5°	188.5	98.1	38.7	0.0
-55°	173.0	90.4	36.2	0.0
-57.5°	157.5	80.1	36.2	0.0
-60°	142.0	69.7	33.6	0.0
-62.5°	126.5	64.6	31.0	0.0
-65°	111.0	59.4	28.4	0.0
-67.5°	93.0	51.6	25.8	0.0
-70°	77.5	46.5	23.2	0.0
-72.5°	67.1	41.3	20.7	0.0
-75°	56.8	36.2	18.1	0.0
-77.5°	49.1	31.0	15.5	0.0
-80°	38.7	23.2	10.3	0.0
-82.5°	28.4	18.1	7.7	0.0
-85°	18.1	12.9	5.2	0.0
-87.5°	10.3	5.2	2.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)