

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: P722246

Luminaire Tested: **IFLD-L-SA8B-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722246
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

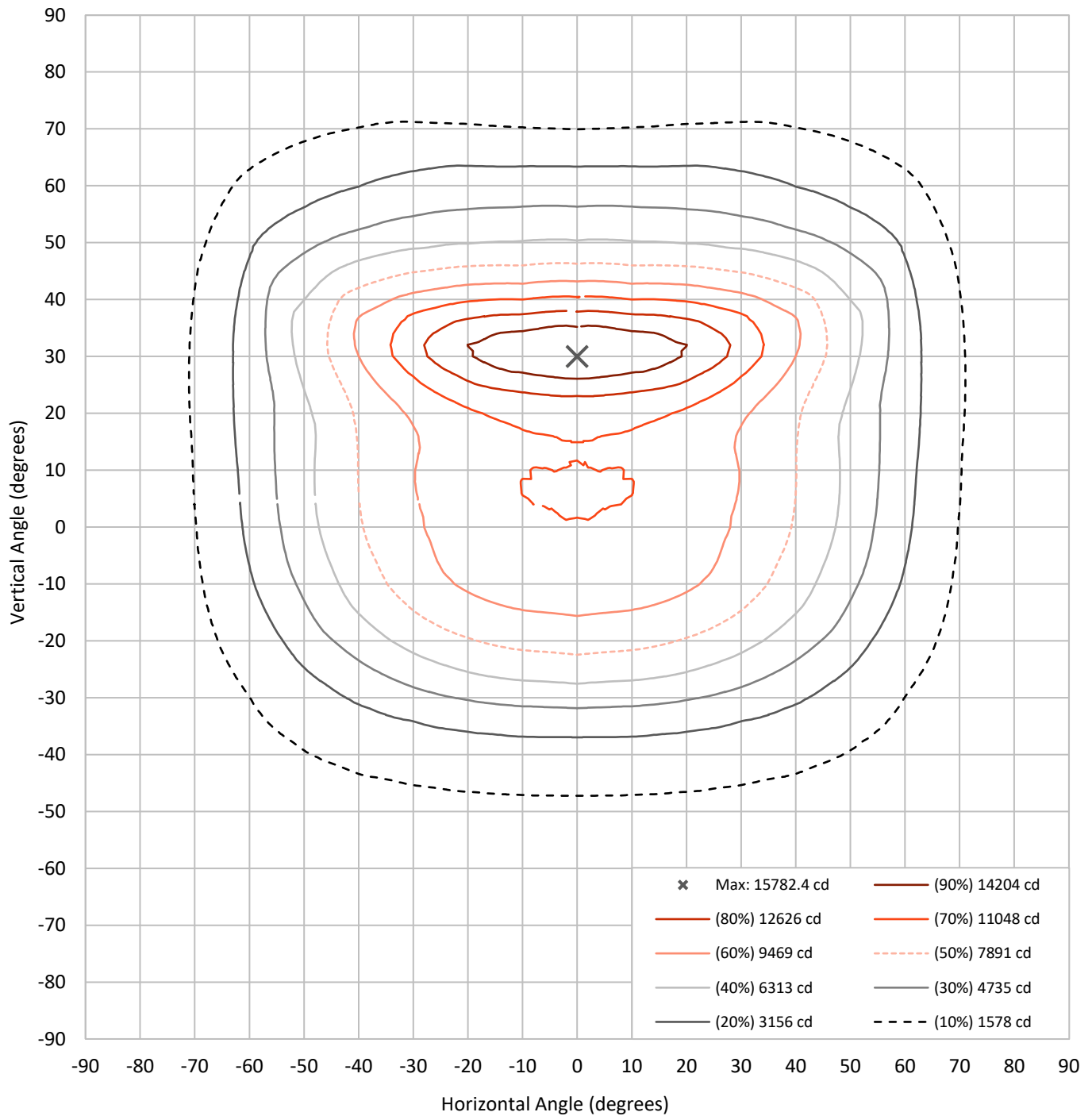
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	26344.8 lumens	Max Intensity:	15782.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15319.8 lumens	Field Lumens:	24688.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 320
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



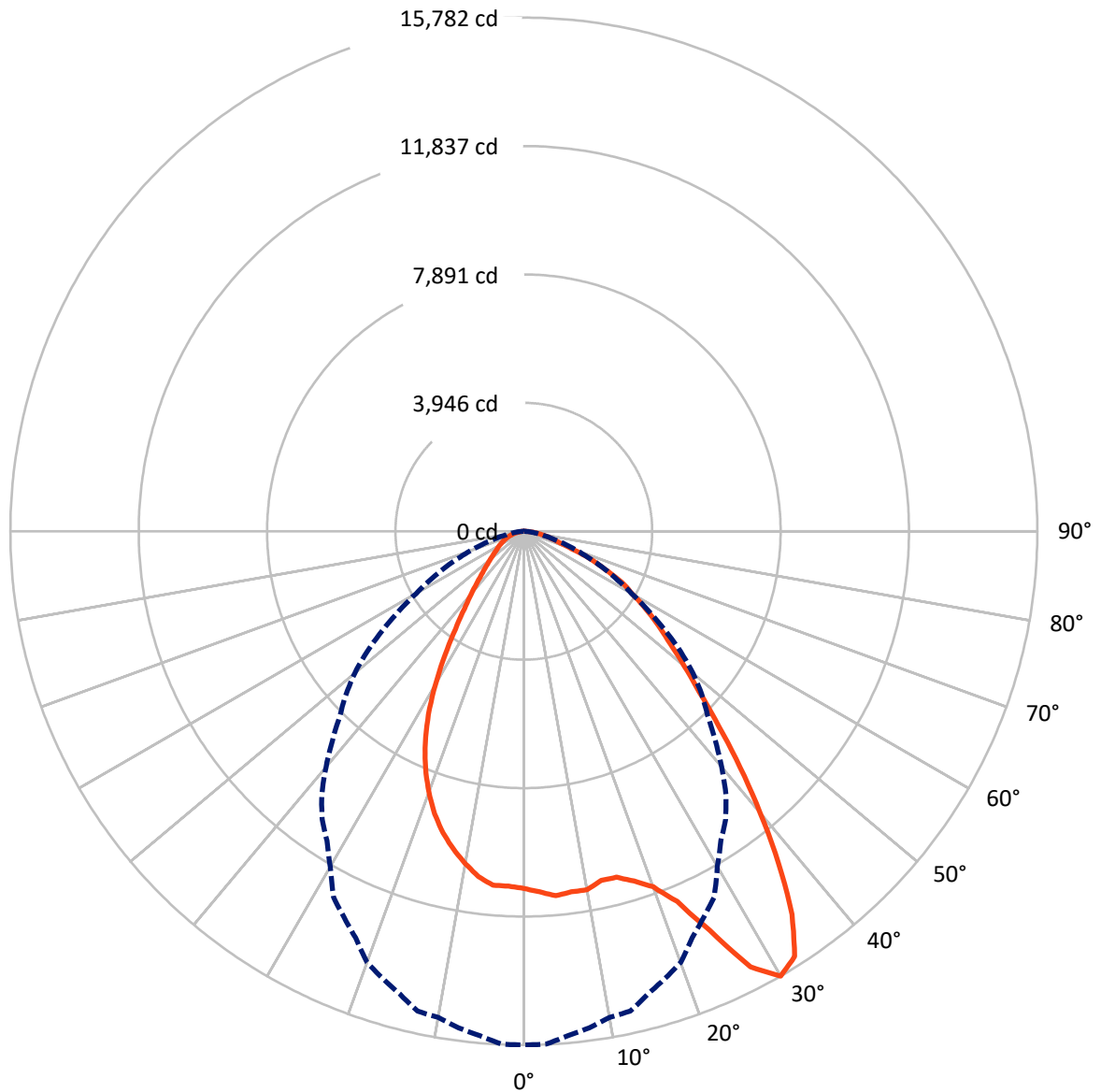
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Iso-Candela Plot



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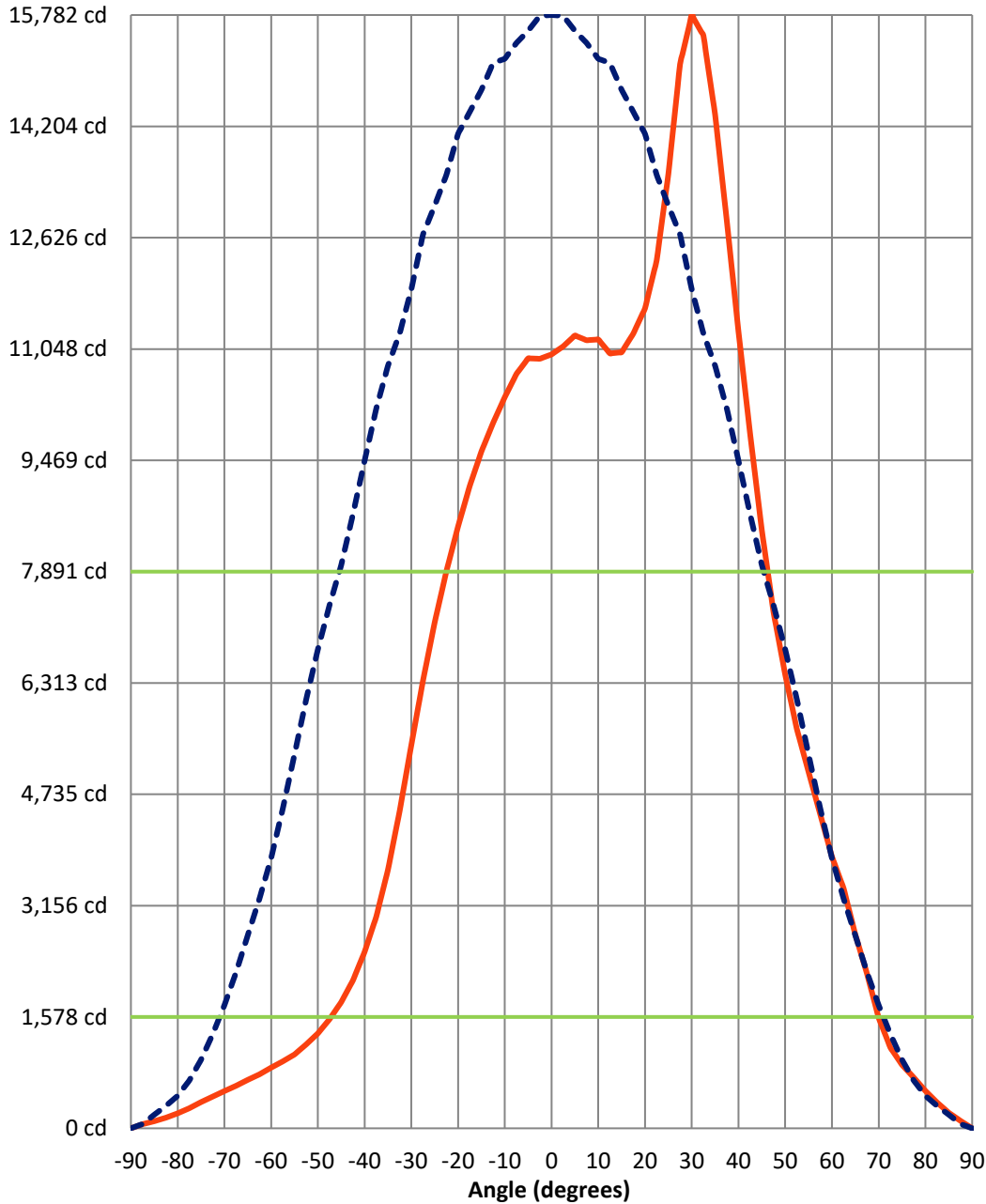
Luminous Intensity Polar Plot



— 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: 15319.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 24688.5
 Efficiency: 93.7%

Spill:
 Lumens: 1656.3
 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°	106.1	108.8	111.6	111.6	108.8	108.8	108.8	106.1	108.8	108.8	108.8
85°	220.5	226.1	231.6	228.9	226.1	220.5	214.9	217.7	220.5	223.3	223.3
82.5°	365.6	374.0	379.6	376.8	371.2	365.6	360.0	362.8	368.4	371.2	371.2
80°	530.3	533.1	535.8	541.4	533.1	533.1	530.3	541.4	547.0	552.6	558.2
77.5°	720.0	722.8	722.8	725.6	728.4	731.2	731.2	750.7	764.7	773.1	781.4
75°	898.7	907.0	915.4	923.8	934.9	940.5	948.9	976.8	999.1	1015.9	1032.6
72.5°	1144.3	1155.4	1169.4	1188.9	1208.4	1222.4	1241.9	1275.4	1300.5	1317.3	1336.8
70°	1565.7	1576.8	1590.8	1604.8	1624.3	1638.2	1657.8	1699.6	1724.8	1735.9	1747.1
67.5°	2190.8	2218.7	2243.9	2216.0	2202.0	2182.5	2188.0	2227.1	2252.2	2269.0	2266.2
65°	2746.2	2765.8	2765.8	2763.0	2751.8	2726.7	2740.6	2788.1	2816.0	2829.9	2788.1
62.5°	3399.3	3399.3	3385.3	3407.7	3410.4	3393.7	3385.3	3388.1	3390.9	3399.3	3329.5
60°	3851.4	3879.3	3887.7	3907.2	3912.8	3912.8	3926.8	3937.9	3937.9	3921.2	3840.2
57.5°	4448.7	4501.7	4512.8	4498.9	4471.0	4434.7	4429.1	4412.4	4378.9	4345.4	4306.3
55°	5051.5	5079.4	5076.6	5068.2	5040.3	4998.5	5004.0	4981.7	4928.7	4886.8	4833.8
52.5°	5657.1	5724.1	5735.2	5718.5	5679.4	5634.8	5637.6	5612.5	5559.4	5514.8	5442.2
50°	6430.2	6486.0	6480.4	6452.5	6396.7	6363.2	6366.0	6318.5	6257.1	6243.2	6148.3
47.5°	7314.9	7379.1	7367.9	7328.8	7253.5	7239.5	7253.5	7192.1	7155.8	7125.1	7013.5
45°	8475.9	8551.2	8509.4	8434.0	8314.0	8328.0	8347.5	8336.3	8258.2	8177.3	8034.9
42.5°	9837.8	9885.3	9835.0	9759.7	9609.0	9636.9	9625.7	9558.7	9511.3	9377.3	9195.9
40°	11294.7	11397.9	11319.8	11202.6	11046.3	11088.1	11057.4	10970.9	10859.3	10691.8	10463.0
37.5°	12865.9	12946.9	12857.6	12720.8	12581.3	12567.3	12505.9	12372.0	12212.9	12028.7	11663.1
35°	14370.2	14579.5	14414.9	14197.2	14026.9	13962.7	13904.1	13594.4	13412.9	13114.3	12614.8
32.5°	15489.4	15642.9	15439.1	15213.1	15006.5	14917.2	14710.7	14342.3	14244.6	13616.7	13159.0
30°	15782.4	15771.2	15559.1	15386.1	15162.8	15101.4	14721.9	14409.3	14096.7	13516.2	13080.8
27.5°	15084.7	15014.9	14811.2	14660.5	14440.0	14367.4	13993.4	13826.0	13343.2	12852.0	12483.6
25°	13530.2	13566.4	13412.9	13337.6	13192.5	13036.2	12888.3	12662.2	12360.8	11931.0	11593.3
22.5°	12305.0	12352.4	12288.2	12198.9	12087.3	12000.8	11889.1	11713.3	11423.1	11157.9	10839.8
20°	11624.0	11610.0	11554.2	11487.2	11381.2	11319.8	11197.0	11049.1	10825.8	10597.0	10253.7
17.5°	11266.8	11180.2	11127.2	11102.1	11046.3	10968.1	10823.0	10672.3	10499.3	10239.7	9988.5
15°	11001.6	11015.6	10973.7	10954.2	10909.5	10800.7	10652.8	10530.0	10295.5	10164.4	9935.5
12.5°	10984.9	10970.9	10973.7	10965.3	10909.5	10770.0	10694.6	10538.3	10387.6	10214.6	9952.3
10°	11183.0	11035.1	11046.3	11085.4	10996.0	10884.4	10803.5	10633.2	10490.9	10270.4	10010.9
7.5°	11171.9	11096.5	11118.8	11054.7	11082.6	10945.8	10834.2	10663.9	10485.3	10250.9	10016.5
5°	11238.9	11124.4	11104.9	11110.5	11040.7	10937.4	10786.7	10624.9	10457.4	10195.1	9955.1
2.5°	11085.4	11102.1	11012.8	10979.3	10970.9	10797.9	10658.4	10502.1	10329.0	10097.4	9882.5
0°	10970.9	11001.6	10909.5	10862.1	10859.3	10711.4	10622.1	10443.5	10320.7	10128.1	9868.5
-2.5°	10909.5	10945.8	10957.0	10870.5	10786.7	10672.3	10521.6	10329.0	10128.1	9904.8	9681.5
-5°	10915.1	10842.6	10811.9	10839.8	10767.2	10652.8	10485.3	10315.1	10116.9	9876.9	9597.8
-7.5°	10694.6	10622.1	10616.5	10602.5	10585.8	10476.9	10337.4	10153.2	9952.3	9729.0	9469.4
-10°	10365.3	10312.3	10298.3	10284.4	10239.7	10175.5	10044.4	9876.9	9695.5	9472.2	9195.9
-12.5°	9999.7	9974.6	9921.6	9885.3	9840.6	9765.3	9639.7	9486.2	9304.8	9106.6	8869.4
-15°	9595.0	9547.6	9494.6	9463.9	9399.7	9310.4	9184.8	9042.4	8844.3	8648.9	8425.7
-17.5°	9106.6	9048.0	8989.4	8981.0	8936.4	8799.6	8682.4	8509.4	8336.3	8149.4	7931.7
-20°	8531.7	8450.8	8411.7	8389.4	8328.0	8227.5	8101.9	7942.8	7775.4	7596.8	7345.6



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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°	7895.4	7825.6	7758.6	7716.8	7663.7	7585.6	7465.6	7326.0	7161.4	6960.4	6728.8
-25°	7172.5	7074.9	7033.0	6985.6	6957.7	6885.1	6767.9	6639.5	6469.2	6273.9	6053.4
-27.5°	6346.5	6268.3	6246.0	6179.0	6145.5	6070.2	5972.5	5852.5	5696.2	5512.0	5330.6
-30°	5433.8	5386.4	5350.1	5283.1	5258.0	5177.1	5112.9	5012.4	4870.1	4738.9	4593.8
-32.5°	4496.1	4448.7	4437.5	4406.8	4390.0	4337.0	4264.5	4191.9	4077.5	3979.8	3862.6
-35°	3664.4	3630.9	3633.7	3630.9	3614.2	3575.1	3485.8	3466.3	3382.5	3293.2	3217.9
-37.5°	3000.2	3003.0	3000.2	2997.4	2975.1	2958.3	2894.1	2869.0	2818.8	2732.3	2687.6
-40°	2500.6	2506.2	2503.4	2497.8	2472.7	2464.3	2422.5	2389.0	2369.5	2308.1	2260.6
-42.5°	2095.9	2104.3	2101.5	2098.7	2082.0	2079.2	2056.9	2017.8	2006.6	1970.4	1920.1
-45°	1789.0	1786.2	1780.6	1786.2	1777.8	1769.4	1755.5	1730.3	1716.4	1699.6	1657.8
-47.5°	1546.1	1548.9	1543.4	1543.4	1532.2	1523.8	1518.2	1501.5	1490.3	1476.4	1451.3
-50°	1345.2	1356.4	1353.6	1350.8	1342.4	1336.8	1336.8	1320.1	1303.3	1297.8	1281.0
-52.5°	1188.9	1197.3	1200.1	1205.7	1208.4	1211.2	1202.9	1186.1	1158.2	1155.4	1147.0
-55°	1046.6	1071.7	1088.4	1099.6	1110.8	1119.1	1102.4	1080.1	1052.2	1041.0	1038.2
-57.5°	948.9	974.0	993.6	1010.3	1024.3	1038.2	1021.5	999.1	974.0	960.1	957.3
-60°	859.6	881.9	901.5	923.8	943.3	965.6	957.3	940.5	926.6	915.4	904.2
-62.5°	764.7	787.0	809.4	837.3	862.4	884.7	887.5	884.7	881.9	884.7	865.2
-65°	686.6	697.7	711.7	742.4	770.3	795.4	809.4	817.7	831.7	845.6	826.1
-67.5°	602.8	616.8	633.5	655.9	678.2	694.9	714.5	736.8	759.1	781.4	767.5
-70°	527.5	538.6	552.6	563.8	577.7	588.9	605.6	630.7	655.9	678.2	672.6
-72.5°	449.3	460.5	468.9	474.4	482.8	488.4	496.8	519.1	535.8	547.0	547.0
-75°	371.2	382.3	390.7	393.5	399.1	401.9	407.5	415.8	424.2	427.0	429.8
-77.5°	284.7	295.8	304.2	309.8	315.4	321.0	323.7	329.3	332.1	332.1	334.9
-80°	212.1	220.5	226.1	234.4	237.2	242.8	248.4	251.2	254.0	254.0	256.8
-82.5°	150.7	156.3	161.9	167.5	173.0	175.8	181.4	184.2	187.0	189.8	192.6
-85°	100.5	106.1	111.6	117.2	120.0	122.8	125.6	128.4	131.2	134.0	136.8
-87.5°	58.6	61.4	64.2	69.8	72.6	78.1	80.9	78.1	80.9	80.9	80.9
-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°	108.8	108.8	108.8	108.8	106.1	100.5	97.7	92.1	86.5	80.9	75.4
85°	226.1	228.9	228.9	228.9	223.3	220.5	212.1	203.7	192.6	175.8	161.9
82.5°	376.8	379.6	379.6	376.8	371.2	362.8	351.7	337.7	315.4	293.0	273.5
80°	566.5	569.3	569.3	566.5	552.6	538.6	524.7	507.9	480.0	449.3	415.8
77.5°	792.6	798.2	798.2	789.8	770.3	753.5	731.2	703.3	661.4	616.8	572.1
75°	1055.0	1068.9	1071.7	1063.3	1038.2	1007.5	971.2	923.8	859.6	803.8	750.7
72.5°	1359.2	1373.1	1384.3	1373.1	1336.8	1295.0	1241.9	1186.1	1121.9	1046.6	957.3
70°	1758.3	1772.2	1780.6	1744.3	1680.1	1610.3	1546.1	1482.0	1406.6	1314.5	1216.8
67.5°	2260.6	2246.7	2229.9	2157.3	2076.4	1992.7	1903.4	1808.5	1710.8	1613.1	1498.7
65°	2743.4	2704.4	2668.1	2581.6	2478.3	2369.5	2266.2	2160.1	2042.9	1920.1	1811.3
62.5°	3251.4	3167.6	3078.3	2972.3	2866.2	2746.2	2643.0	2517.4	2386.2	2235.5	2095.9
60°	3750.9	3650.5	3561.2	3430.0	3290.4	3128.6	3016.9	2894.1	2740.6	2578.8	2414.1
57.5°	4233.8	4124.9	4027.2	3912.8	3762.1	3586.3	3463.5	3304.4	3142.5	2938.8	2771.3
55°	4747.3	4638.4	4560.3	4431.9	4267.2	4105.4	3971.4	3804.0	3577.9	3360.2	3153.7
52.5°	5336.2	5249.6	5165.9	5034.7	4836.6	4671.9	4524.0	4337.0	4099.8	3831.9	3583.5
50°	5994.8	5950.1	5860.8	5707.3	5481.3	5336.2	5140.8	4892.4	4638.4	4356.6	4046.8
47.5°	6868.3	6795.8	6670.2	6502.7	6313.0	6095.3	5832.9	5542.7	5182.7	4870.1	4540.8
45°	7912.1	7778.2	7616.3	7390.2	7155.8	6910.2	6622.7	6254.4	5771.5	5364.1	5018.0
42.5°	9042.4	8861.0	8640.6	8344.7	8040.5	7739.1	7429.3	6927.0	6324.1	5855.3	5464.5
40°	10223.0	9991.3	9715.0	9285.2	8947.5	8559.6	8205.2	7454.4	6812.5	6304.6	5888.7
37.5°	11378.4	11085.4	10622.1	10100.2	9706.7	9388.5	8609.9	7806.1	7231.2	6673.0	6251.6
35°	12263.1	12014.7	11197.0	10655.6	10317.9	9815.5	8841.5	8018.2	7409.8	6946.5	6290.6
32.5°	12787.8	12145.9	11428.6	10881.6	10602.5	9779.2	8858.2	8079.6	7493.5	6974.4	6190.2
30°	12670.6	11894.7	11266.8	10809.1	10203.4	9463.9	8701.9	7984.7	7415.4	6787.4	6078.5
27.5°	11964.5	11364.4	10803.5	10326.2	9731.8	9067.6	8364.3	7733.5	7203.2	6594.8	5925.0
25°	11166.3	10622.1	10206.2	9790.4	9226.6	8593.1	7973.5	7518.6	6985.6	6385.5	5724.1
22.5°	10432.3	10041.6	9715.0	9279.7	8729.9	8177.3	7792.1	7320.5	6773.5	6165.0	5517.6
20°	9963.4	9698.3	9324.3	8844.3	8411.7	8065.6	7638.6	7139.1	6575.3	5939.0	5341.7
17.5°	9737.4	9430.4	9014.5	8701.9	8369.8	7990.3	7513.0	6982.8	6382.7	5835.7	5361.3
15°	9620.1	9296.4	9022.9	8715.9	8341.9	7942.8	7412.6	6862.8	6382.7	5877.6	5375.2
12.5°	9645.3	9366.2	9067.6	8732.6	8330.8	7903.8	7423.7	6913.0	6416.2	5908.3	5378.0
10°	9723.4	9430.4	9112.2	8741.0	8336.3	7914.9	7454.4	6943.7	6433.0	5922.2	5372.4
7.5°	9751.3	9433.2	9092.7	8718.7	8322.4	7909.3	7460.0	6952.1	6435.8	5919.4	5355.7
5°	9664.8	9377.3	9048.0	8671.3	8283.3	7881.4	7437.7	6940.9	6413.4	5891.5	5313.8
2.5°	9547.6	9315.9	9000.6	8637.8	8244.2	7842.4	7401.4	6890.7	6363.2	5841.3	5260.8
0°	9528.0	9240.6	8922.4	8598.7	8180.1	7755.8	7317.7	6795.8	6271.1	5746.4	5168.7
-2.5°	9399.7	9095.5	8777.3	8425.7	8057.3	7630.3	7169.8	6659.0	6139.9	5623.6	5068.2
-5°	9302.0	8964.3	8626.6	8247.0	7875.9	7448.8	6971.6	6474.8	5966.9	5464.5	4928.7
-7.5°	9170.8	8824.7	8470.3	8074.0	7672.1	7236.7	6765.1	6268.3	5768.7	5269.2	4755.7
-10°	8905.7	8601.5	8269.4	7859.1	7434.9	6999.5	6530.6	6042.2	5542.7	5037.5	4521.2
-12.5°	8584.7	8263.8	7901.0	7524.2	7144.6	6740.0	6271.1	5791.1	5288.7	4780.8	4267.2
-15°	8168.9	7853.5	7482.3	7113.9	6748.3	6360.4	5947.4	5514.8	5004.0	4504.5	3991.0
-17.5°	7649.8	7354.0	7021.8	6670.2	6307.4	5916.7	5514.8	5149.2	4671.9	4203.1	3695.1
-20°	7091.6	6815.3	6516.7	6184.6	5821.8	5439.4	5059.9	4677.5	4264.5	3851.4	3379.8



REPORT NUMBER: P722246
 CATALOG NUMBER: IFLD-L-SA8B-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6511.1	6232.0	5930.6	5620.8	5285.9	4931.5	4579.8	4214.2	3851.4	3477.4	3078.3
-25°	5841.3	5595.7	5319.4	5018.0	4719.4	4409.6	4074.7	3742.6	3432.8	3109.0	2782.5
-27.5°	5140.8	4914.7	4663.6	4401.2	4144.5	3884.9	3594.6	3287.7	3030.9	2763.0	2492.3
-30°	4404.0	4222.6	4018.9	3790.0	3591.9	3382.5	3139.7	2885.8	2651.3	2447.6	2229.9
-32.5°	3706.3	3552.8	3407.7	3257.0	3061.6	2899.7	2732.3	2545.3	2338.8	2146.2	1989.9
-35°	3106.2	2941.6	2880.2	2768.5	2629.0	2486.7	2363.9	2229.9	2073.6	1903.4	1775.0
-37.5°	2601.1	2503.4	2416.9	2355.5	2263.4	2149.0	2051.3	1953.6	1833.6	1705.2	1576.8
-40°	2207.6	2140.6	2045.7	2015.0	1956.4	1878.3	1777.8	1702.4	1621.5	1523.8	1415.0
-42.5°	1892.2	1842.0	1780.6	1727.6	1702.4	1646.6	1568.5	1495.9	1431.7	1364.7	1281.0
-45°	1632.7	1599.2	1560.1	1512.7	1493.1	1448.5	1392.6	1311.7	1275.4	1219.6	1158.2
-47.5°	1423.3	1406.6	1378.7	1348.0	1320.1	1286.6	1236.4	1186.1	1135.9	1099.6	1052.2
-50°	1258.7	1247.5	1230.8	1205.7	1169.4	1147.0	1113.6	1068.9	1021.5	990.8	957.3
-52.5°	1127.5	1116.4	1105.2	1085.7	1057.7	1035.4	1007.5	971.2	932.2	901.5	873.5
-55°	1027.0	1010.3	1001.9	985.2	962.9	937.7	912.6	887.5	854.0	826.1	798.2
-57.5°	948.9	926.6	915.4	901.5	879.1	854.0	834.5	809.4	787.0	756.3	731.2
-60°	887.5	862.4	840.1	826.1	806.6	781.4	761.9	742.4	720.0	694.9	664.2
-62.5°	837.3	806.6	775.9	759.1	739.6	717.3	697.7	678.2	655.9	630.7	602.8
-65°	789.8	753.5	714.5	697.7	678.2	655.9	630.7	616.8	597.2	574.9	547.0
-67.5°	731.2	692.1	658.6	639.1	619.6	600.0	577.7	563.8	544.2	516.3	488.4
-70°	644.7	619.6	597.2	580.5	563.8	547.0	524.7	502.4	480.0	454.9	429.8
-72.5°	535.8	527.5	524.7	516.3	496.8	477.2	454.9	432.6	413.0	393.5	374.0
-75°	432.6	438.2	443.7	441.0	421.4	401.9	382.3	362.8	348.9	332.1	315.4
-77.5°	343.3	348.9	354.4	354.4	340.5	329.3	315.4	301.4	290.3	276.3	259.6
-80°	265.1	273.5	281.9	287.5	276.3	267.9	256.8	245.6	234.4	223.3	212.1
-82.5°	200.9	209.3	217.7	223.3	214.9	209.3	200.9	192.6	184.2	173.0	164.7
-85°	145.1	150.7	156.3	159.1	153.5	147.9	142.3	136.8	131.2	122.8	117.2
-87.5°	83.7	86.5	89.3	92.1	86.5	80.9	78.1	72.6	69.8	64.2	61.4
-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):

	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°	69.8	64.2	58.6	55.8	50.2	41.9	36.3	30.7	25.1	19.5	16.7
85°	147.9	134.0	117.2	108.8	97.7	86.5	75.4	64.2	53.0	41.9	30.7
82.5°	254.0	237.2	220.5	200.9	175.8	145.1	114.4	94.9	78.1	61.4	47.4
80°	382.3	351.7	323.7	298.6	270.7	231.6	189.8	150.7	106.1	80.9	61.4
77.5°	530.3	494.0	454.9	413.0	368.4	315.4	267.9	217.7	164.7	111.6	78.1
75°	697.7	650.3	597.2	538.6	480.0	410.3	343.3	284.7	223.3	156.3	94.9
72.5°	884.7	826.1	761.9	683.8	591.7	510.7	429.8	351.7	279.1	198.2	128.4
70°	1124.7	1032.6	937.7	854.0	736.8	608.4	513.5	424.2	332.1	242.8	161.9
67.5°	1381.5	1269.8	1155.4	1032.6	884.7	734.0	597.2	496.8	387.9	284.7	192.6
65°	1660.6	1521.0	1375.9	1239.1	1035.4	856.8	703.3	566.5	441.0	323.7	223.3
62.5°	1948.0	1783.4	1615.9	1437.3	1202.9	982.4	803.8	644.7	491.2	360.0	251.2
60°	2255.0	2062.5	1858.7	1635.5	1361.9	1119.1	898.7	725.6	544.2	396.3	281.9
57.5°	2578.8	2369.5	2129.4	1828.0	1526.6	1250.3	1007.5	798.2	591.7	429.8	304.2
55°	2930.4	2690.4	2428.1	2029.0	1688.5	1381.5	1116.4	870.8	641.9	457.7	326.5
52.5°	3310.0	3030.9	2698.8	2241.1	1858.7	1515.4	1216.8	934.9	689.3	488.4	346.1
50°	3734.2	3382.5	2936.0	2436.4	2006.6	1641.0	1317.3	1004.7	728.4	521.9	362.8
47.5°	4175.1	3795.6	3148.1	2617.8	2157.3	1763.8	1420.6	1066.1	767.5	549.8	379.6
45°	4635.6	4083.1	3368.6	2779.7	2288.5	1875.5	1498.7	1121.9	814.9	574.9	393.5
42.5°	5090.6	4300.7	3561.2	2941.6	2411.3	1975.9	1562.9	1175.0	854.0	600.0	407.5
40°	5305.5	4465.4	3714.7	3053.2	2514.6	2065.2	1618.7	1222.4	887.5	616.8	421.4
37.5°	5394.8	4565.9	3815.1	3159.3	2595.5	2112.7	1666.2	1264.3	915.4	633.5	432.6
35°	5414.3	4602.2	3865.4	3231.8	2662.5	2157.3	1702.4	1295.0	937.7	650.3	443.7
32.5°	5378.0	4591.0	3879.3	3257.0	2704.4	2190.8	1727.6	1317.3	954.5	667.0	454.9
30°	5297.1	4532.4	3829.1	3254.2	2735.1	2210.4	1744.3	1334.0	971.2	678.2	460.5
27.5°	5165.9	4429.1	3764.9	3257.0	2751.8	2218.7	1752.7	1342.4	982.4	686.6	471.7
25°	5004.0	4289.6	3767.7	3251.4	2754.6	2221.5	1752.7	1342.4	985.2	689.3	480.0
22.5°	4817.1	4289.6	3767.7	3243.0	2737.8	2216.0	1744.3	1336.8	985.2	694.9	488.4
20°	4828.2	4292.4	3759.3	3226.3	2712.7	2199.2	1724.8	1322.9	976.8	703.3	494.0
17.5°	4836.6	4286.8	3742.6	3203.9	2679.2	2171.3	1699.6	1303.3	976.8	711.7	496.8
15°	4836.6	4270.0	3717.4	3170.4	2637.4	2132.2	1663.4	1286.6	979.6	714.5	502.4
12.5°	4828.2	4239.3	3678.4	3125.8	2587.1	2084.8	1641.0	1281.0	979.6	717.3	502.4
10°	4811.5	4197.5	3628.1	3070.0	2539.7	2068.0	1629.9	1269.8	974.0	717.3	502.4
7.5°	4780.8	4147.2	3586.3	3036.5	2511.8	2048.5	1613.1	1253.1	965.6	711.7	507.9
5°	4733.3	4119.3	3552.8	2997.4	2472.7	2034.5	1602.0	1239.1	960.1	711.7	502.4
2.5°	4671.9	4085.8	3513.7	2947.2	2428.1	1987.1	1565.7	1208.4	940.5	700.5	496.8
0°	4571.5	4018.9	3446.7	2877.4	2366.7	1939.7	1529.4	1177.7	921.0	689.3	491.2
-2.5°	4479.4	3929.6	3360.2	2804.8	2308.1	1897.8	1501.5	1161.0	912.6	686.6	488.4
-5°	4351.0	3806.8	3245.8	2709.9	2229.9	1855.9	1473.6	1141.5	904.2	681.0	488.4
-7.5°	4208.6	3678.4	3125.8	2612.3	2151.8	1783.4	1420.6	1110.8	884.7	669.8	485.6
-10°	3988.2	3485.8	2975.1	2500.6	2068.0	1719.2	1375.9	1082.9	868.0	658.6	474.4
-12.5°	3753.7	3273.7	2802.0	2363.9	1973.1	1652.2	1325.7	1052.2	848.4	647.5	468.9
-15°	3505.3	3056.0	2620.6	2221.5	1869.9	1571.3	1272.6	1018.7	828.9	633.5	460.5
-17.5°	3245.8	2827.2	2433.6	2076.4	1766.6	1487.5	1216.8	988.0	806.6	619.6	452.1
-20°	2972.3	2592.7	2243.9	1928.5	1657.8	1403.8	1158.2	951.7	781.4	602.8	441.0



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CATALOG NUMBER: IFLD-L-SA8B-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2701.6	2361.1	2048.5	1783.4	1546.1	1317.3	1099.6	915.4	753.5	583.3	432.6
-25°	2461.6	2143.4	1875.5	1643.8	1437.3	1233.6	1038.2	879.1	722.8	563.8	421.4
-27.5°	2227.1	1956.4	1705.2	1512.7	1331.2	1152.6	979.6	840.1	692.1	541.4	410.3
-30°	2009.4	1777.8	1571.3	1384.3	1230.8	1080.1	929.4	801.0	658.6	519.1	396.3
-32.5°	1811.3	1624.3	1451.3	1272.6	1135.9	1007.5	881.9	761.9	625.2	496.8	382.3
-35°	1627.1	1482.0	1331.2	1180.5	1041.0	940.5	831.7	720.0	594.5	471.7	368.4
-37.5°	1462.4	1345.2	1225.2	1096.8	976.8	876.3	784.2	678.2	563.8	449.3	354.4
-40°	1320.1	1225.2	1119.1	1015.9	915.4	820.5	736.8	636.3	533.1	432.6	340.5
-42.5°	1188.9	1116.4	1029.8	943.3	854.0	770.3	689.3	591.7	502.4	413.0	326.5
-45°	1088.4	1015.9	946.1	868.0	792.6	720.0	639.1	552.6	474.4	390.7	312.6
-47.5°	993.6	929.4	865.2	801.0	739.6	672.6	591.7	519.1	443.7	371.2	301.4
-50°	909.8	848.4	792.6	736.8	683.8	619.6	544.2	485.6	418.6	351.7	287.5
-52.5°	831.7	778.7	722.8	678.2	633.5	569.3	507.9	452.1	393.5	329.3	273.5
-55°	761.9	711.7	661.4	619.6	577.7	521.9	471.7	424.2	368.4	312.6	259.6
-57.5°	694.9	653.1	605.6	566.5	524.7	480.0	438.2	393.5	343.3	295.8	245.6
-60°	633.5	594.5	552.6	513.5	477.2	441.0	401.9	365.6	321.0	276.3	231.6
-62.5°	572.1	538.6	502.4	463.3	435.4	401.9	371.2	334.9	298.6	259.6	206.5
-65°	516.3	485.6	452.1	418.6	393.5	368.4	340.5	307.0	276.3	240.0	184.2
-67.5°	460.5	432.6	404.7	376.8	354.4	334.9	307.0	281.9	256.8	217.7	161.9
-70°	407.5	385.1	360.0	337.7	321.0	298.6	279.1	256.8	234.4	189.8	136.8
-72.5°	357.2	334.9	315.4	298.6	284.7	265.1	248.4	231.6	200.9	159.1	114.4
-75°	298.6	284.7	273.5	259.6	245.6	231.6	217.7	198.2	167.5	128.4	89.3
-77.5°	245.6	237.2	228.9	217.7	206.5	195.4	178.6	159.1	134.0	100.5	72.6
-80°	200.9	192.6	187.0	175.8	167.5	156.3	139.5	122.8	97.7	78.1	58.6
-82.5°	153.5	147.9	142.3	136.8	128.4	117.2	100.5	86.5	72.6	58.6	44.7
-85°	108.8	106.1	100.5	94.9	86.5	78.1	67.0	58.6	50.2	39.1	30.7
-87.5°	55.8	53.0	50.2	47.4	44.7	39.1	33.5	27.9	25.1	19.5	14.0
-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-L-SA8B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.2	8.4	2.8	0.0
85°	22.3	14.0	5.6	0.0
82.5°	33.5	22.3	8.4	0.0
80°	44.7	27.9	14.0	0.0
77.5°	55.8	33.5	16.7	0.0
75°	67.0	41.9	19.5	0.0
72.5°	75.4	47.4	22.3	0.0
70°	89.3	55.8	25.1	0.0
67.5°	111.6	61.4	27.9	0.0
65°	131.2	67.0	30.7	0.0
62.5°	153.5	72.6	33.5	0.0
60°	173.0	78.1	36.3	0.0
57.5°	192.6	92.1	39.1	0.0
55°	209.3	103.3	41.9	0.0
52.5°	228.9	114.4	44.7	0.0
50°	245.6	125.6	47.4	0.0
47.5°	259.6	136.8	47.4	0.0
45°	270.7	145.1	50.2	0.0
42.5°	279.1	153.5	53.0	0.0
40°	287.5	161.9	55.8	0.0
37.5°	295.8	170.2	55.8	0.0
35°	304.2	178.6	58.6	0.0
32.5°	312.6	187.0	58.6	0.0
30°	318.2	192.6	61.4	0.0
27.5°	326.5	198.2	61.4	0.0
25°	329.3	203.7	64.2	0.0
22.5°	334.9	206.5	64.2	0.0
20°	340.5	212.1	64.2	0.0
17.5°	343.3	214.9	67.0	0.0
15°	343.3	217.7	69.8	0.0
12.5°	346.1	220.5	69.8	0.0
10°	346.1	226.1	67.0	0.0
7.5°	351.7	223.3	67.0	0.0
5°	348.9	223.3	67.0	0.0
2.5°	346.1	220.5	67.0	0.0
0°	343.3	220.5	67.0	0.0
-2.5°	343.3	220.5	67.0	0.0
-5°	343.3	220.5	67.0	0.0
-7.5°	340.5	223.3	67.0	0.0
-10°	334.9	223.3	67.0	0.0
-12.5°	332.1	214.9	67.0	0.0
-15°	329.3	212.1	67.0	0.0
-17.5°	323.7	209.3	64.2	0.0
-20°	318.2	206.5	64.2	0.0



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CATALOG NUMBER: IFLD-L-SA8B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	312.6	200.9	64.2	0.0
-25°	307.0	195.4	61.4	0.0
-27.5°	301.4	189.8	61.4	0.0
-30°	293.0	184.2	58.6	0.0
-32.5°	284.7	178.6	58.6	0.0
-35°	279.1	170.2	55.8	0.0
-37.5°	270.7	161.9	55.8	0.0
-40°	262.3	153.5	53.0	0.0
-42.5°	254.0	145.1	50.2	0.0
-45°	242.8	136.8	50.2	0.0
-47.5°	234.4	128.4	47.4	0.0
-50°	220.5	117.2	44.7	0.0
-52.5°	203.7	106.1	41.9	0.0
-55°	187.0	97.7	39.1	0.0
-57.5°	170.2	86.5	39.1	0.0
-60°	153.5	75.4	36.3	0.0
-62.5°	136.8	69.8	33.5	0.0
-65°	120.0	64.2	30.7	0.0
-67.5°	100.5	55.8	27.9	0.0
-70°	83.7	50.2	25.1	0.0
-72.5°	72.6	44.7	22.3	0.0
-75°	61.4	39.1	19.5	0.0
-77.5°	53.0	33.5	16.7	0.0
-80°	41.9	25.1	11.2	0.0
-82.5°	30.7	19.5	8.4	0.0
-85°	19.5	14.0	5.6	0.0
-87.5°	11.2	5.6	2.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)