

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: P722623

Luminaire Tested: **IFLD-L-SA8B-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722623
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

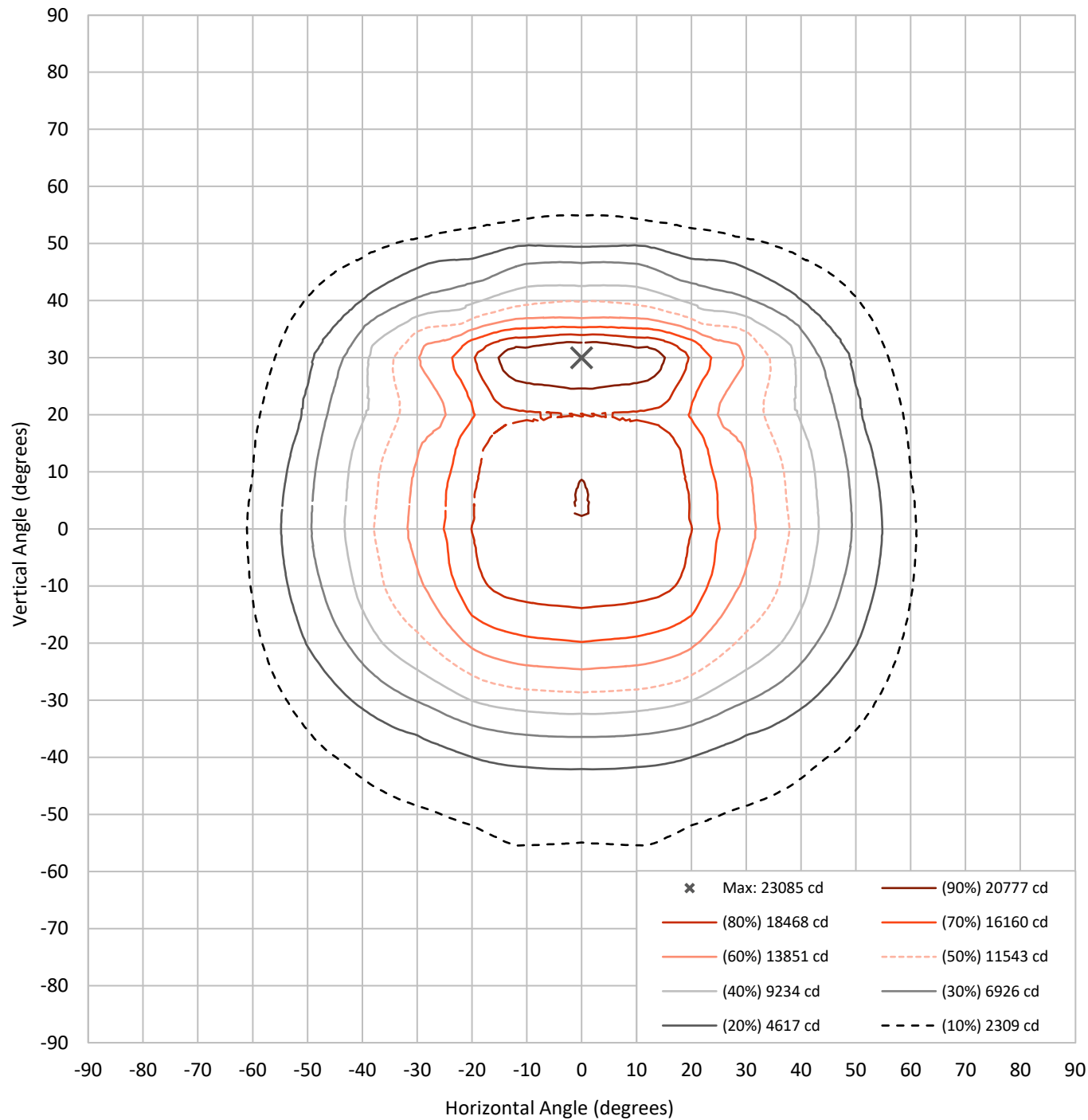
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33067.8 lumens	Max Intensity:	23085 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	21095.8 lumens	Field Lumens:	31175.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
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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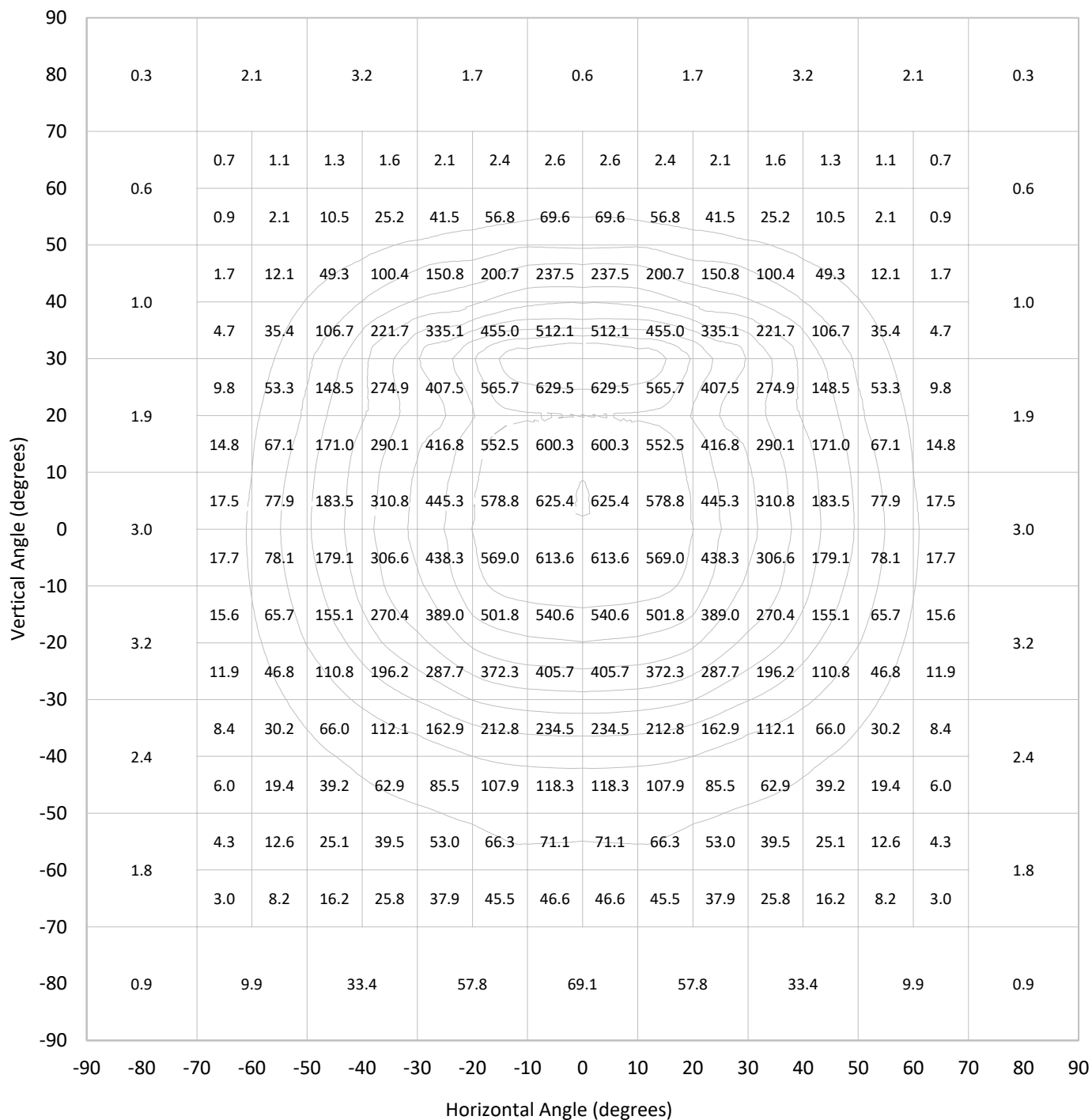
Iso-Candela Plot



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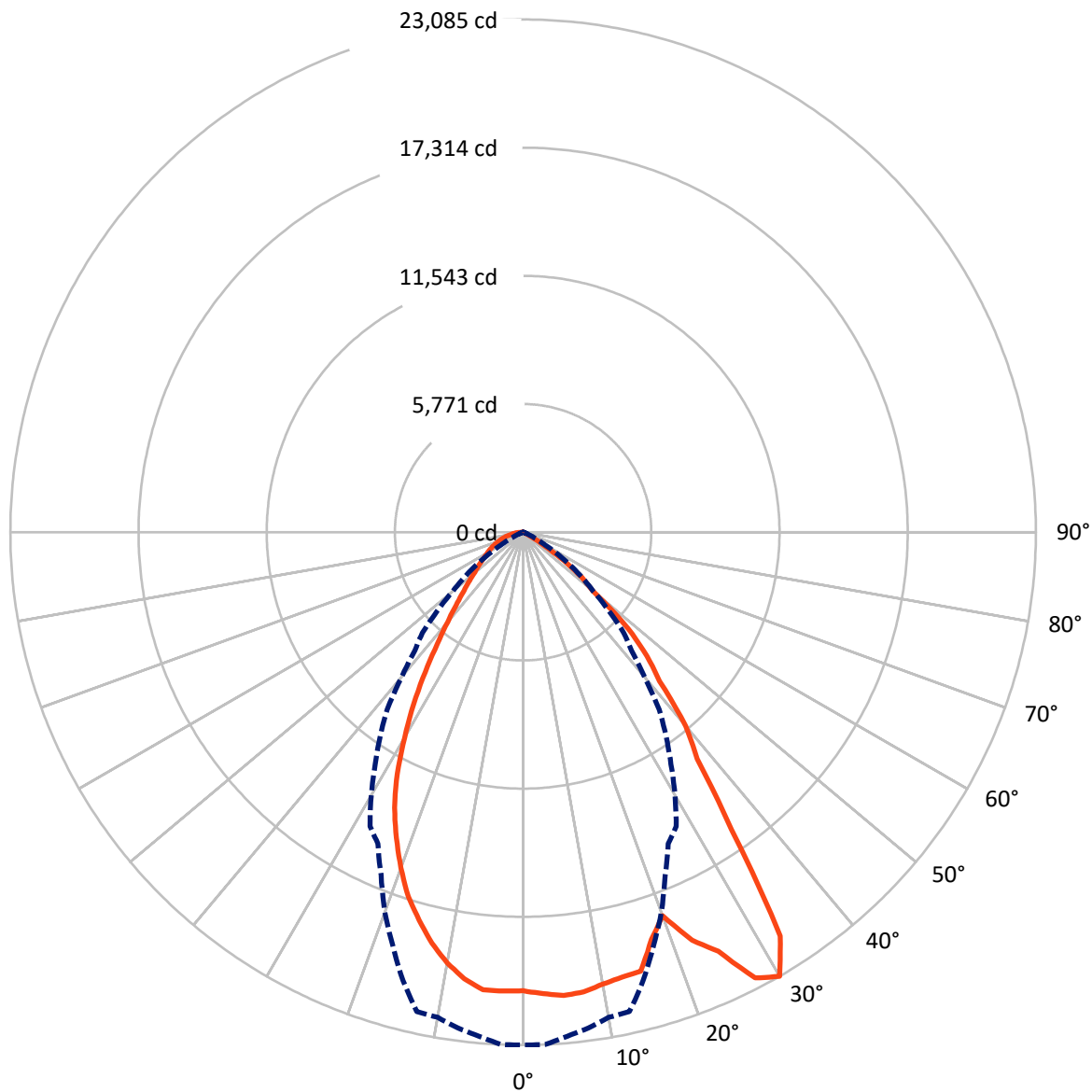
Lumen Table



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Luminous Intensity Polar Plot



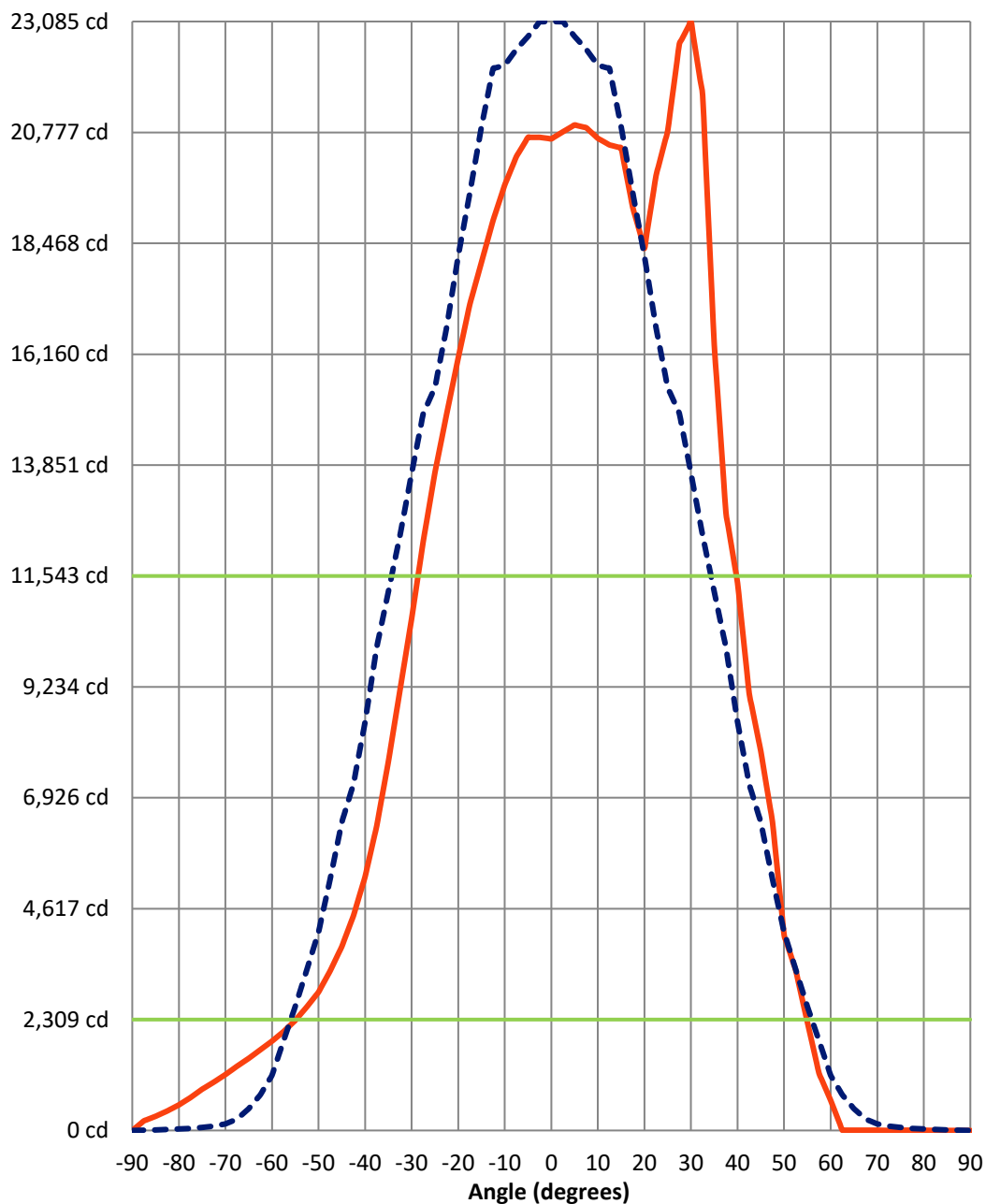
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21095.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 31175.5

Efficiency: 94.3%

Spill:

Lumens: 1892.3

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	5.3	5.3	5.3	5.3	5.3	5.3	5.3
85°	0.0	5.3	5.3	5.3	10.5	10.5	10.5	10.5	10.5	10.5	15.8
82.5°	0.0	5.3	5.3	5.3	10.5	10.5	10.5	10.5	15.8	15.8	21.1
80°	5.3	5.3	5.3	5.3	10.5	10.5	10.5	15.8	15.8	21.1	21.1
77.5°	5.3	5.3	5.3	10.5	10.5	10.5	15.8	15.8	21.1	21.1	26.3
75°	5.3	5.3	5.3	10.5	10.5	15.8	15.8	15.8	21.1	21.1	26.3
72.5°	0.0	5.3	5.3	10.5	10.5	15.8	15.8	15.8	21.1	21.1	21.1
70°	5.3	5.3	5.3	10.5	10.5	15.8	15.8	15.8	21.1	21.1	21.1
67.5°	5.3	5.3	5.3	10.5	10.5	15.8	15.8	21.1	21.1	21.1	26.3
65°	5.3	5.3	5.3	10.5	15.8	15.8	21.1	26.3	26.3	31.6	36.9
62.5°	5.3	10.5	10.5	15.8	21.1	26.3	57.9	89.5	89.5	63.2	52.6
60°	626.5	679.1	673.9	610.7	531.7	447.5	431.7	415.9	384.3	336.9	352.7
57.5°	1189.8	1253.0	1279.3	1263.5	1221.4	1147.7	1105.6	1058.2	995.0	921.3	837.1
55°	2253.2	2279.5	2221.6	2111.1	1990.0	1868.9	1826.8	1763.6	1668.9	1574.1	1447.7
52.5°	3332.4	3421.9	3395.6	3285.1	3121.9	2906.0	2669.1	2484.9	2374.3	2269.0	2142.7
50°	4069.5	4106.3	4180.0	4311.7	4359.0	4211.6	3827.3	3332.4	2979.7	3158.7	3021.8
47.5°	6422.7	6607.0	6570.1	6475.4	6317.4	5917.3	5380.4	4938.1	4569.6	4448.5	4469.6
45°	7891.5	7965.2	7938.9	7896.8	7823.1	7449.3	6854.4	6175.3	5833.1	5696.2	5554.1
42.5°	9097.1	9176.1	9191.9	9197.1	9118.2	8776.0	8239.0	7559.9	7217.7	6822.8	6512.2
40°	11397.7	11513.5	11381.9	11208.2	10945.0	10555.4	10028.9	9402.5	8797.0	8312.7	7944.2
37.5°	12866.5	13008.7	13061.3	13050.8	12992.9	12824.4	12176.9	11582.0	10655.4	9570.9	9765.7
35°	16351.6	16499.0	16456.9	16299.0	16214.8	16035.8	15404.0	14698.6	13535.1	12355.9	12040.0
32.5°	21547.7	21868.9	21268.7	20610.6	20205.3	20347.4	19705.1	17978.4	17441.4	15314.5	14330.1
30°	23085.0	23079.7	22774.4	22505.9	22174.2	22105.8	20894.9	19515.6	18199.5	16709.6	15467.2
27.5°	22616.4	22521.7	22263.7	22068.9	21758.3	21595.1	20410.6	19315.6	17794.1	16462.2	15261.9
25°	20810.7	20884.4	20621.2	20584.3	20463.2	20147.4	19557.7	18325.8	16967.6	15493.5	14630.1
22.5°	19878.9	19852.5	19536.7	19352.4	19499.8	19162.9	18926.0	17683.6	16267.4	15025.0	13987.9
20°	18362.7	18367.9	18289.0	18273.2	18183.7	18031.0	17841.5	16962.3	15962.1	14898.6	13650.9
17.5°	19210.3	19426.1	19520.9	18736.5	18957.6	18783.8	18583.8	17357.2	16604.3	15662.0	14035.2
15°	20452.7	20373.7	20279.0	20236.9	20115.8	19952.6	19589.3	18610.1	17315.0	16341.1	15072.4
12.5°	20515.9	20363.2	20326.4	20321.1	20194.7	19968.4	19615.6	18804.9	17657.2	16472.7	15440.9
10°	20652.8	20494.8	20473.8	20500.1	20305.3	20163.2	19810.4	19057.6	17762.5	16699.1	15725.2
7.5°	20873.9	20610.6	20731.7	20652.8	20563.3	20336.9	19957.8	19220.8	18146.8	16999.2	15977.8
5°	20931.8	20642.2	20773.8	20700.1	20568.5	20347.4	19936.8	19326.1	18383.7	17120.3	16077.9
2.5°	20789.6	20705.4	20647.5	20510.6	20452.7	20210.5	19821.0	19168.2	18273.2	17067.6	16056.8
0°	20642.2	20715.9	20584.3	20447.4	20421.1	20226.3	19894.7	19305.0	18531.1	17215.0	16235.8
-2.5°	20673.8	20615.9	20526.4	20384.3	20247.4	19968.4	19668.3	19115.5	18283.7	16893.9	15983.1
-5°	20673.8	20405.3	20415.8	20421.1	20284.2	19994.7	19631.4	19162.9	18136.3	16888.6	15909.4
-7.5°	20273.7	20042.1	20005.2	19973.6	19936.8	19668.3	19384.0	18799.6	17888.9	16751.7	15704.1
-10°	19684.1	19457.7	19478.8	19431.4	19315.6	19136.6	18920.7	18394.3	17646.7	16320.0	15288.2
-12.5°	18947.0	18847.0	18789.1	18710.1	18594.3	18436.4	18215.3	17720.4	16920.2	15788.3	14809.1
-15°	18073.1	17999.4	17946.8	17899.4	17730.9	17567.7	17278.2	16820.2	16320.0	15103.9	14103.7
-17.5°	17199.2	17015.0	16941.3	16878.1	16767.5	16504.3	16241.1	15898.9	15198.7	14235.3	13377.2
-20°	16077.9	15967.3	15877.8	15793.6	15635.7	15430.3	15214.5	14819.7	14214.2	13435.1	12545.4

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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°	14903.9	14840.7	14767.0	14661.7	14556.4	14361.6	14061.6	13682.5	13208.7	12366.4	11534.6
-25°	13693.0	13572.0	13482.5	13382.4	13298.2	13119.2	12829.7	12466.4	11871.5	11145.0	10450.1
-27.5°	12266.4	12150.5	12103.2	11987.3	11913.6	11750.4	11460.9	11124.0	10587.0	9976.3	9270.8
-30°	10655.4	10676.5	10623.8	10513.3	10423.8	10213.2	9992.1	9707.8	9286.6	8702.3	8070.5
-32.5°	9165.5	9191.9	9128.7	9012.9	8897.1	8744.4	8539.1	8281.1	7965.2	7407.2	6859.7
-35°	7675.7	7665.2	7612.5	7544.1	7465.1	7338.8	7107.1	6912.3	6549.1	6159.5	5780.5
-37.5°	6338.5	6364.8	6349.0	6312.2	6222.7	6117.4	5927.9	5748.9	5480.4	5138.2	4843.4
-40°	5280.3	5311.9	5290.9	5254.0	5175.0	5111.9	4985.5	4827.6	4611.7	4316.9	4069.5
-42.5°	4469.6	4490.6	4464.3	4432.7	4364.3	4316.9	4216.9	4085.3	3906.3	3679.9	3458.8
-45°	3827.3	3832.6	3806.3	3785.2	3732.6	3674.6	3590.4	3485.1	3343.0	3185.0	3006.0
-47.5°	3321.9	3316.7	3290.3	3269.3	3227.2	3174.5	3106.1	3011.3	2900.8	2779.7	2637.5
-50°	2879.7	2906.0	2895.5	2874.4	2842.8	2806.0	2737.6	2637.5	2527.0	2437.5	2337.5
-52.5°	2574.4	2579.6	2574.4	2574.4	2569.1	2542.8	2463.8	2363.8	2242.7	2163.7	2079.5
-55°	2290.1	2316.4	2326.9	2337.5	2342.7	2342.7	2248.0	2142.7	2026.8	1947.9	1884.7
-57.5°	2058.4	2074.2	2084.8	2111.1	2132.1	2147.9	2063.7	1968.9	1879.4	1805.7	1747.8
-60°	1858.4	1879.4	1895.2	1921.6	1937.3	1947.9	1895.2	1832.1	1779.4	1732.0	1647.8
-62.5°	1679.4	1695.2	1711.0	1726.8	1742.6	1753.1	1732.0	1700.4	1674.1	1653.1	1547.8
-65°	1500.4	1516.2	1532.0	1553.0	1568.8	1579.4	1574.1	1553.0	1532.0	1510.9	1416.2
-67.5°	1337.2	1353.0	1374.0	1379.3	1389.8	1395.1	1384.6	1368.8	1342.5	1316.1	1242.4
-70°	1163.5	1174.0	1184.5	1184.5	1184.5	1179.3	1168.7	1147.7	1121.3	1084.5	1026.6
-72.5°	1005.5	1016.1	1026.6	1010.8	1000.3	984.5	968.7	942.4	916.0	889.7	858.1
-75°	858.1	863.4	863.4	842.3	826.5	810.7	789.7	773.9	747.6	726.5	700.2
-77.5°	684.4	684.4	684.4	668.6	658.1	647.5	631.7	616.0	594.9	579.1	558.0
-80°	531.7	531.7	531.7	526.5	510.7	500.1	489.6	479.1	463.3	452.7	442.2
-82.5°	405.4	405.4	405.4	400.1	389.6	384.3	373.8	363.3	358.0	347.5	342.2
-85°	294.8	300.1	300.1	294.8	289.5	279.0	273.8	268.5	263.2	258.0	247.4
-87.5°	200.1	200.1	200.1	194.8	189.5	189.5	184.3	173.7	163.2	157.9	152.7
-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):

	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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
85°	15.8	15.8	15.8	21.1	21.1	21.1	21.1	21.1	21.1	21.1	15.8
82.5°	26.3	26.3	31.6	31.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9
80°	26.3	31.6	36.9	42.1	47.4	52.6	52.6	52.6	52.6	47.4	47.4
77.5°	31.6	31.6	36.9	42.1	47.4	52.6	57.9	63.2	57.9	57.9	57.9
75°	31.6	36.9	36.9	42.1	47.4	52.6	57.9	63.2	63.2	63.2	63.2
72.5°	26.3	31.6	36.9	42.1	42.1	47.4	52.6	52.6	57.9	57.9	63.2
70°	26.3	31.6	36.9	36.9	42.1	42.1	47.4	52.6	52.6	57.9	57.9
67.5°	31.6	36.9	36.9	42.1	47.4	47.4	47.4	52.6	52.6	57.9	57.9
65°	36.9	42.1	42.1	47.4	52.6	52.6	57.9	57.9	57.9	63.2	63.2
62.5°	63.2	63.2	63.2	57.9	63.2	63.2	63.2	68.4	68.4	63.2	68.4
60°	326.4	236.9	163.2	205.3	184.3	84.2	84.2	84.2	79.0	79.0	73.7
57.5°	768.6	716.0	616.0	521.2	468.5	415.9	258.0	105.3	105.3	94.8	84.2
55°	1284.5	1110.8	1037.1	910.8	773.9	710.7	589.6	400.1	189.5	126.3	110.6
52.5°	1990.0	1826.8	1637.3	1379.3	1195.0	1047.6	947.6	752.8	505.4	268.5	168.5
50°	2663.9	2590.1	2474.3	2221.6	1837.3	1589.9	1426.7	1205.6	905.5	552.8	315.9
47.5°	4290.6	3674.6	3300.9	3106.1	2784.9	2316.4	2000.5	1753.1	1389.8	931.8	558.0
45°	5401.4	5011.8	4416.9	4006.3	3532.5	3037.6	2627.0	2342.7	1911.0	1395.1	873.9
42.5°	6354.3	6017.4	5480.4	4880.2	4380.1	3732.6	3206.1	2832.3	2469.1	1905.8	1305.6
40°	7580.9	7180.8	6664.9	6080.5	5496.2	4669.6	3816.8	3364.0	2963.9	2463.8	1763.6
37.5°	9602.5	8897.1	8054.7	7407.2	6643.8	5943.7	4774.9	3974.7	3500.9	2979.7	2300.6
35°	12034.7	11260.8	9855.2	8997.1	7975.8	6933.4	5880.5	4696.0	4022.1	3469.3	2795.5
32.5°	14298.5	13166.6	11366.1	10360.6	9681.5	7759.9	6670.2	5643.6	4559.1	3880.0	3079.8
30°	14924.9	13677.2	12387.4	11213.4	10055.3	8502.2	7212.4	6412.2	5232.9	4127.4	3348.2
27.5°	14293.2	13435.1	12434.8	11345.1	10092.1	8760.2	7544.1	6780.7	5727.8	4295.9	3558.8
25°	13650.9	12756.0	12055.8	11145.0	9986.8	8744.4	7554.6	7012.4	6112.1	4622.3	3674.6
22.5°	12971.8	12413.8	11834.7	10818.6	9723.6	8791.8	7896.8	7212.4	6312.2	4990.8	3722.0
20°	13008.7	12645.4	12008.4	10650.1	9676.2	9070.8	8307.4	7465.1	6528.0	5311.9	3758.9
17.5°	13598.3	13124.5	12324.3	11145.0	10102.6	9355.1	8649.6	7812.6	6749.1	5596.2	4206.4
15°	14324.8	13603.5	12766.5	11729.4	10550.1	9665.7	8912.8	8054.7	7001.8	5859.4	4606.5
12.5°	14851.2	13824.7	13040.2	12103.2	11034.5	10002.6	9086.6	8239.0	7238.7	6075.3	4906.5
10°	15030.2	14098.4	13171.9	12334.8	11281.9	10181.6	9218.2	8354.8	7444.0	6243.7	5127.7
7.5°	15125.0	14335.3	13261.4	12440.1	11429.3	10292.2	9323.5	8418.0	7607.2	6359.6	5269.8
5°	15114.5	14461.7	13329.8	12471.7	11508.3	10339.5	9397.2	8433.8	7723.1	6459.6	5354.0
2.5°	15067.1	14545.9	13440.3	12524.3	11666.2	10429.0	9539.3	8465.4	7765.2	6570.1	5411.9
0°	15240.8	14551.2	13556.2	12540.1	11771.5	10460.6	9602.5	8439.0	7707.3	6601.7	5406.7
-2.5°	14867.0	14240.6	13529.8	12403.2	11629.3	10386.9	9486.7	8354.8	7580.9	6564.9	5385.6
-5°	14803.9	14014.2	13308.7	12276.9	11392.4	10234.2	9270.8	8196.9	7380.9	6443.8	5301.4
-7.5°	14635.4	13798.3	13092.9	12176.9	11171.3	10076.3	9065.5	8033.7	7165.0	6254.3	5180.3
-10°	14266.9	13466.7	12861.2	11961.0	10902.8	9849.9	8818.1	7817.8	6912.3	5996.3	4990.8
-12.5°	13740.4	12940.2	12340.1	11503.0	10565.9	9544.6	8523.3	7538.8	6622.8	5722.5	4764.4
-15°	13145.5	12334.8	11734.6	10971.3	10065.8	9070.8	8149.5	7186.1	6291.1	5433.0	4495.9
-17.5°	12471.7	11703.1	11124.0	10381.7	9481.4	8533.8	7617.8	6743.9	5906.8	5132.9	4185.3
-20°	11692.5	10945.0	10413.2	9670.9	8844.4	7923.1	7033.4	6206.9	5454.1	4727.5	3843.1

REPORT NUMBER: P722623

CATALOG NUMBER: IFLD-L-SA8B-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°	10729.1	10071.0	9465.6	8802.3	8081.1	7238.7	6412.2	5680.4	4959.2	4248.5	3490.4
-25°	9744.6	9107.6	8518.0	7912.6	7222.9	6496.4	5791.0	5127.7	4422.2	3779.9	3148.2
-27.5°	8649.6	8081.1	7554.6	6996.6	6364.8	5738.3	5159.2	4511.7	3901.0	3353.5	2811.3
-30°	7480.9	7017.6	6559.6	6064.7	5554.1	5027.6	4511.7	3901.0	3421.9	2985.0	2527.0
-32.5°	6359.6	5943.7	5575.1	5206.6	4764.4	4332.7	3874.7	3421.9	3021.8	2637.5	2253.2
-35°	5375.1	4932.9	4727.5	4432.7	4080.0	3690.4	3316.7	3000.8	2679.6	2332.2	1990.0
-37.5°	4522.2	4237.9	3995.8	3774.7	3495.6	3158.7	2890.2	2632.3	2363.8	2047.9	1753.1
-40°	3853.6	3648.3	3406.2	3243.0	3016.6	2774.4	2505.9	2290.1	2063.7	1805.7	1563.6
-42.5°	3316.7	3148.2	2990.3	2816.5	2648.1	2442.7	2211.1	2005.8	1800.5	1610.9	1410.9
-45°	2874.4	2753.3	2627.0	2484.9	2337.5	2158.5	1968.9	1758.4	1610.9	1442.5	1274.0
-47.5°	2511.2	2421.7	2316.4	2205.8	2079.5	1921.6	1747.8	1595.2	1442.5	1300.3	1137.1
-50°	2221.6	2137.4	2053.2	1958.4	1847.9	1711.0	1579.4	1437.2	1295.1	1158.2	1005.5
-52.5°	1979.5	1905.8	1837.3	1758.4	1653.1	1537.2	1416.2	1289.8	1158.2	1021.3	900.2
-55°	1811.0	1726.8	1658.3	1579.4	1484.6	1374.0	1263.5	1147.7	1021.3	916.0	816.0
-57.5°	1674.1	1579.4	1500.4	1416.2	1321.4	1226.6	1126.6	1021.3	926.6	826.5	731.8
-60°	1558.3	1447.7	1358.2	1274.0	1184.5	1095.0	1010.8	921.3	831.8	742.3	647.5
-62.5°	1437.2	1321.4	1210.8	1131.9	1063.4	984.5	910.8	826.5	747.6	658.1	589.6
-65°	1300.3	1189.8	1084.5	1016.1	952.9	884.4	816.0	742.3	673.9	605.4	542.2
-67.5°	1147.7	1052.9	979.2	916.0	852.9	794.9	731.8	668.6	610.7	542.2	479.1
-70°	963.4	910.8	868.6	821.3	763.4	710.7	652.8	594.9	531.7	473.8	415.9
-72.5°	821.3	789.7	758.1	710.7	658.1	610.7	563.3	510.7	458.0	405.4	358.0
-75°	673.9	647.5	621.2	589.6	547.5	510.7	468.5	421.2	379.0	342.2	305.3
-77.5°	542.2	521.2	505.4	479.1	447.5	415.9	389.6	358.0	326.4	289.5	252.7
-80°	431.7	421.2	415.9	405.4	379.0	352.7	331.7	305.3	273.8	247.4	221.1
-82.5°	336.9	336.9	331.7	326.4	305.3	284.3	268.5	247.4	226.4	205.3	179.0
-85°	247.4	242.2	242.2	236.9	221.1	210.6	194.8	184.3	168.5	147.4	136.9
-87.5°	147.4	142.1	136.9	131.6	121.1	115.8	105.3	100.0	89.5	79.0	73.7
-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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CATALOG NUMBER: IFLD-L-SA8B-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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	0.0	0.0
85°	15.8	10.5	10.5	10.5	10.5	10.5	5.3	5.3	5.3	5.3	5.3
82.5°	31.6	31.6	26.3	26.3	21.1	15.8	10.5	10.5	10.5	5.3	5.3
80°	47.4	47.4	47.4	42.1	36.9	26.3	21.1	15.8	10.5	5.3	5.3
77.5°	57.9	52.6	52.6	47.4	47.4	42.1	31.6	26.3	15.8	10.5	5.3
75°	57.9	57.9	57.9	52.6	52.6	47.4	42.1	31.6	26.3	15.8	10.5
72.5°	63.2	57.9	57.9	57.9	52.6	47.4	42.1	36.9	31.6	21.1	10.5
70°	57.9	57.9	57.9	57.9	52.6	52.6	42.1	36.9	36.9	21.1	15.8
67.5°	57.9	57.9	57.9	52.6	52.6	47.4	42.1	36.9	36.9	26.3	15.8
65°	63.2	57.9	57.9	57.9	52.6	47.4	42.1	36.9	36.9	31.6	21.1
62.5°	68.4	63.2	63.2	57.9	52.6	47.4	42.1	36.9	36.9	31.6	21.1
60°	73.7	68.4	63.2	63.2	57.9	52.6	42.1	42.1	36.9	31.6	21.1
57.5°	79.0	73.7	73.7	68.4	63.2	57.9	47.4	42.1	36.9	31.6	26.3
55°	94.8	84.2	79.0	79.0	73.7	63.2	52.6	42.1	36.9	31.6	26.3
52.5°	126.3	100.0	89.5	89.5	84.2	73.7	57.9	47.4	36.9	31.6	26.3
50°	200.1	126.3	105.3	94.8	94.8	84.2	68.4	52.6	36.9	31.6	26.3
47.5°	315.9	210.6	126.3	110.6	105.3	100.0	79.0	52.6	42.1	31.6	26.3
45°	521.2	310.6	205.3	131.6	110.6	105.3	89.5	57.9	42.1	36.9	26.3
42.5°	716.0	484.3	315.9	157.9	131.6	115.8	94.8	63.2	47.4	36.9	26.3
40°	1126.6	663.3	442.2	258.0	152.7	121.1	105.3	73.7	47.4	36.9	26.3
37.5°	1526.7	879.2	594.9	379.0	173.7	136.9	110.6	79.0	52.6	36.9	31.6
35°	1926.8	1231.9	737.0	505.4	231.6	163.2	115.8	84.2	52.6	36.9	31.6
32.5°	2284.8	1563.6	884.4	631.7	347.5	194.8	126.3	89.5	57.9	42.1	31.6
30°	2579.6	1868.9	1147.7	742.3	452.7	236.9	136.9	89.5	63.2	42.1	31.6
27.5°	2800.7	2105.8	1416.2	858.1	542.2	279.0	157.9	100.0	63.2	42.1	31.6
25°	2979.7	2290.1	1653.1	979.2	621.2	347.5	189.5	105.3	68.4	47.4	31.6
22.5°	3121.9	2442.7	1847.9	1142.4	716.0	415.9	231.6	115.8	68.4	47.4	31.6
20°	3316.7	2595.4	1979.5	1316.1	816.0	479.1	268.5	126.3	68.4	47.4	36.9
17.5°	3485.1	2748.1	2084.8	1463.5	916.0	526.5	310.6	136.9	73.7	47.4	36.9
15°	3679.9	2895.5	2179.5	1579.4	1010.8	568.6	347.5	147.4	73.7	52.6	36.9
12.5°	3890.5	3032.4	2248.0	1674.1	1110.8	605.4	379.0	168.5	79.0	52.6	36.9
10°	4106.3	3148.2	2305.9	1742.6	1184.5	642.3	400.1	189.5	84.2	52.6	36.9
7.5°	4322.2	3253.5	2379.6	1774.1	1216.1	684.4	410.6	210.6	84.2	57.9	36.9
5°	4469.6	3321.9	2484.9	1795.2	1231.9	731.8	426.4	236.9	89.5	57.9	36.9
2.5°	4595.9	3364.0	2595.4	1811.0	1237.2	758.1	421.2	252.7	94.8	57.9	36.9
0°	4653.8	3364.0	2669.1	1800.5	1221.4	784.4	421.2	268.5	94.8	57.9	36.9
-2.5°	4564.3	3458.8	2648.1	1805.7	1226.6	784.4	442.2	273.8	105.3	63.2	36.9
-5°	4422.2	3495.6	2584.9	1779.4	1216.1	784.4	468.5	279.0	110.6	63.2	42.1
-7.5°	4285.3	3511.4	2511.2	1753.1	1200.3	763.4	473.8	273.8	121.1	68.4	42.1
-10°	4106.3	3337.7	2416.4	1705.7	1168.7	747.6	484.3	273.8	126.3	68.4	42.1
-12.5°	3901.0	3127.1	2300.6	1637.3	1131.9	731.8	489.6	273.8	131.6	73.7	42.1
-15°	3664.1	2911.3	2169.0	1563.6	1079.2	710.7	479.1	268.5	136.9	73.7	47.4
-17.5°	3395.6	2700.7	2032.1	1474.1	1021.3	684.4	458.0	263.2	136.9	73.7	47.4
-20°	3090.3	2490.1	1879.4	1384.6	952.9	652.8	437.0	252.7	136.9	73.7	47.4



REPORT NUMBER: P722623

CATALOG NUMBER: IFLD-L-SA8B-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°	2816.5	2295.3	1721.5	1284.5	879.2	616.0	410.6	242.2	136.9	79.0	47.4
-25°	2590.1	2105.8	1600.4	1184.5	800.2	573.8	384.3	231.6	136.9	79.0	47.4
-27.5°	2353.2	1900.5	1474.1	1089.8	747.6	537.0	358.0	221.1	131.6	79.0	47.4
-30°	2111.1	1700.4	1342.5	984.5	694.9	500.1	336.9	205.3	131.6	79.0	47.4
-32.5°	1890.0	1537.2	1221.4	879.2	637.0	463.3	315.9	200.1	126.3	79.0	47.4
-35°	1674.1	1389.8	1095.0	794.9	573.8	426.4	294.8	194.8	126.3	79.0	47.4
-37.5°	1495.1	1253.0	979.2	737.0	537.0	394.8	273.8	184.3	121.1	79.0	47.4
-40°	1347.7	1126.6	868.6	673.9	505.4	363.3	252.7	179.0	121.1	79.0	47.4
-42.5°	1210.8	1005.5	800.2	621.2	473.8	342.2	236.9	173.7	115.8	79.0	47.4
-45°	1089.8	900.2	731.8	573.8	437.0	315.9	226.4	163.2	110.6	79.0	52.6
-47.5°	968.7	826.5	668.6	531.7	400.1	284.3	215.8	157.9	105.3	73.7	52.6
-50°	873.9	747.6	616.0	484.3	363.3	273.8	205.3	147.4	105.3	73.7	52.6
-52.5°	789.7	673.9	558.0	437.0	331.7	258.0	194.8	136.9	100.0	73.7	52.6
-55°	710.7	605.4	500.1	389.6	310.6	242.2	179.0	126.3	100.0	73.7	52.6
-57.5°	631.7	542.2	442.2	352.7	284.3	226.4	168.5	126.3	100.0	73.7	52.6
-60°	568.6	484.3	400.1	326.4	263.2	205.3	152.7	121.1	94.8	73.7	52.6
-62.5°	515.9	437.0	363.3	294.8	242.2	184.3	147.4	121.1	94.8	73.7	47.4
-65°	463.3	394.8	326.4	268.5	215.8	173.7	142.1	115.8	94.8	73.7	47.4
-67.5°	410.6	347.5	294.8	236.9	200.1	168.5	136.9	115.8	89.5	68.4	47.4
-70°	358.0	305.3	258.0	221.1	189.5	157.9	131.6	110.6	89.5	63.2	42.1
-72.5°	315.9	268.5	231.6	205.3	179.0	152.7	126.3	105.3	84.2	57.9	36.9
-75°	268.5	236.9	210.6	184.3	163.2	142.1	121.1	94.8	73.7	52.6	36.9
-77.5°	226.4	205.3	184.3	168.5	147.4	126.3	105.3	84.2	68.4	47.4	31.6
-80°	194.8	179.0	163.2	147.4	131.6	110.6	94.8	73.7	57.9	42.1	26.3
-82.5°	157.9	147.4	131.6	121.1	110.6	94.8	79.0	63.2	42.1	31.6	21.1
-85°	121.1	110.6	105.3	94.8	84.2	68.4	52.6	42.1	31.6	21.1	10.5
-87.5°	63.2	57.9	52.6	47.4	42.1	31.6	26.3	21.1	15.8	10.5	5.3
-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-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°	5.3	0.0	0.0	0.0
77.5°	5.3	0.0	0.0	0.0
75°	5.3	5.3	0.0	0.0
72.5°	5.3	5.3	0.0	0.0
70°	5.3	5.3	0.0	0.0
67.5°	10.5	5.3	0.0	0.0
65°	10.5	5.3	0.0	0.0
62.5°	10.5	5.3	0.0	0.0
60°	10.5	5.3	0.0	0.0
57.5°	15.8	5.3	5.3	0.0
55°	15.8	5.3	5.3	0.0
52.5°	15.8	5.3	5.3	0.0
50°	15.8	10.5	5.3	0.0
47.5°	15.8	10.5	5.3	0.0
45°	15.8	10.5	5.3	0.0
42.5°	15.8	10.5	5.3	0.0
40°	21.1	10.5	5.3	0.0
37.5°	21.1	10.5	5.3	0.0
35°	21.1	10.5	5.3	0.0
32.5°	21.1	10.5	5.3	0.0
30°	21.1	10.5	5.3	0.0
27.5°	21.1	15.8	5.3	0.0
25°	21.1	15.8	5.3	0.0
22.5°	26.3	15.8	5.3	0.0
20°	26.3	15.8	5.3	0.0
17.5°	26.3	15.8	5.3	0.0
15°	26.3	15.8	5.3	0.0
12.5°	26.3	15.8	5.3	0.0
10°	26.3	15.8	5.3	0.0
7.5°	26.3	15.8	5.3	0.0
5°	26.3	15.8	5.3	0.0
2.5°	26.3	15.8	5.3	0.0
0°	26.3	15.8	5.3	0.0
-2.5°	26.3	15.8	5.3	0.0
-5°	26.3	15.8	5.3	0.0
-7.5°	26.3	15.8	5.3	0.0
-10°	26.3	15.8	5.3	0.0
-12.5°	31.6	15.8	5.3	0.0
-15°	31.6	15.8	5.3	0.0
-17.5°	31.6	15.8	5.3	0.0
-20°	31.6	15.8	5.3	0.0

REPORT NUMBER: P722623

CATALOG NUMBER: IFLD-L-SA8B-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	31.6	15.8	5.3	0.0
-25°	31.6	15.8	5.3	0.0
-27.5°	31.6	15.8	5.3	0.0
-30°	31.6	15.8	5.3	0.0
-32.5°	31.6	15.8	5.3	0.0
-35°	31.6	15.8	5.3	0.0
-37.5°	31.6	15.8	5.3	0.0
-40°	31.6	15.8	5.3	0.0
-42.5°	26.3	15.8	5.3	0.0
-45°	31.6	15.8	5.3	0.0
-47.5°	31.6	15.8	5.3	0.0
-50°	31.6	15.8	5.3	0.0
-52.5°	31.6	15.8	5.3	0.0
-55°	31.6	15.8	5.3	0.0
-57.5°	31.6	15.8	5.3	0.0
-60°	31.6	15.8	5.3	0.0
-62.5°	26.3	15.8	5.3	0.0
-65°	26.3	10.5	5.3	0.0
-67.5°	26.3	10.5	5.3	0.0
-70°	26.3	10.5	5.3	0.0
-72.5°	21.1	10.5	5.3	0.0
-75°	21.1	10.5	5.3	0.0
-77.5°	15.8	5.3	0.0	0.0
-80°	15.8	5.3	0.0	0.0
-82.5°	10.5	5.3	0.0	0.0
-85°	5.3	5.3	0.0	0.0
-87.5°	5.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)