

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: P722393

Luminaire Tested: **IFLD-L-SA8D-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722393
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

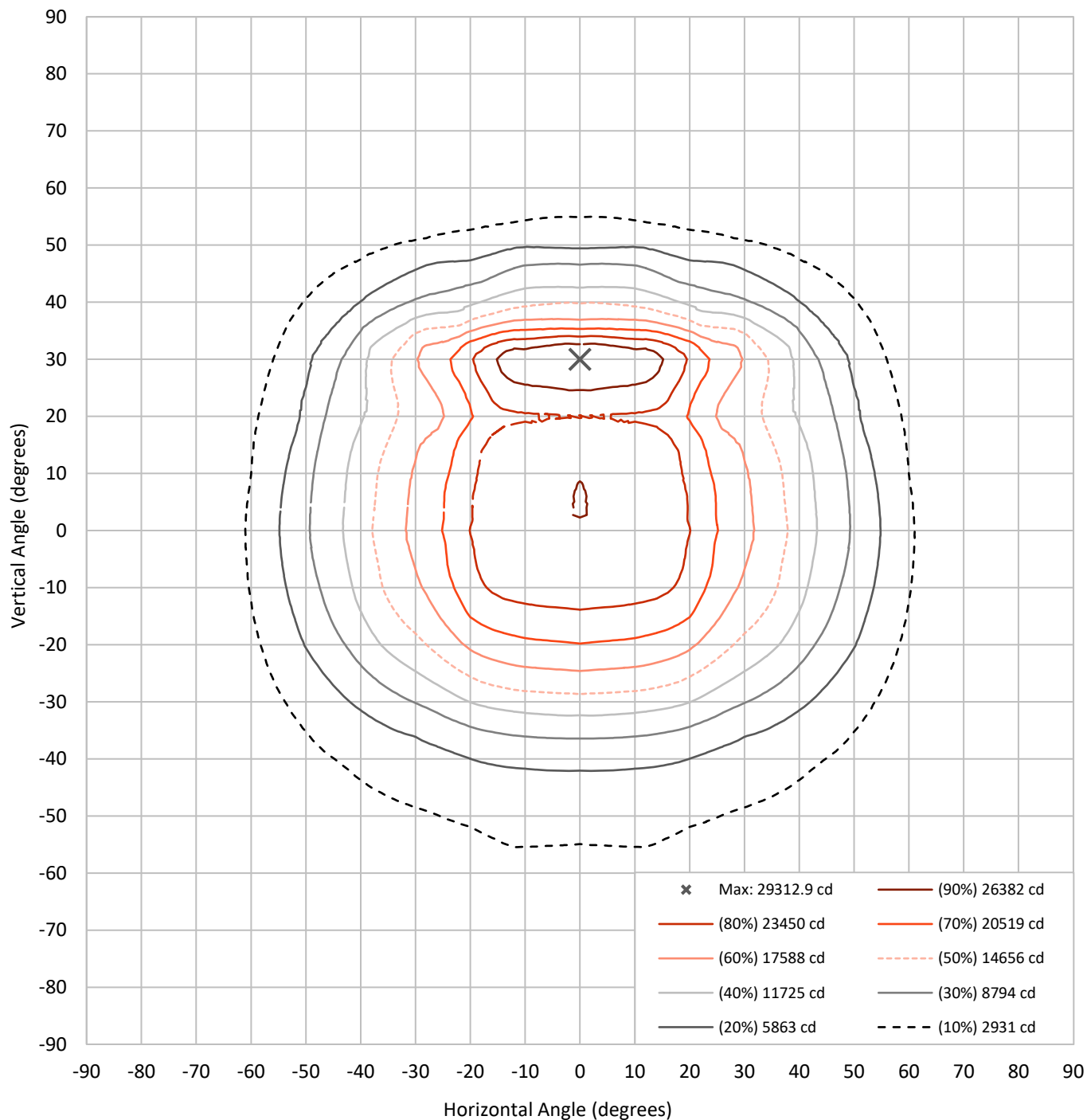
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41988.9 lumens	Max Intensity:	29312.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	26787.1 lumens	Field Lumens:	39586.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	488.3		
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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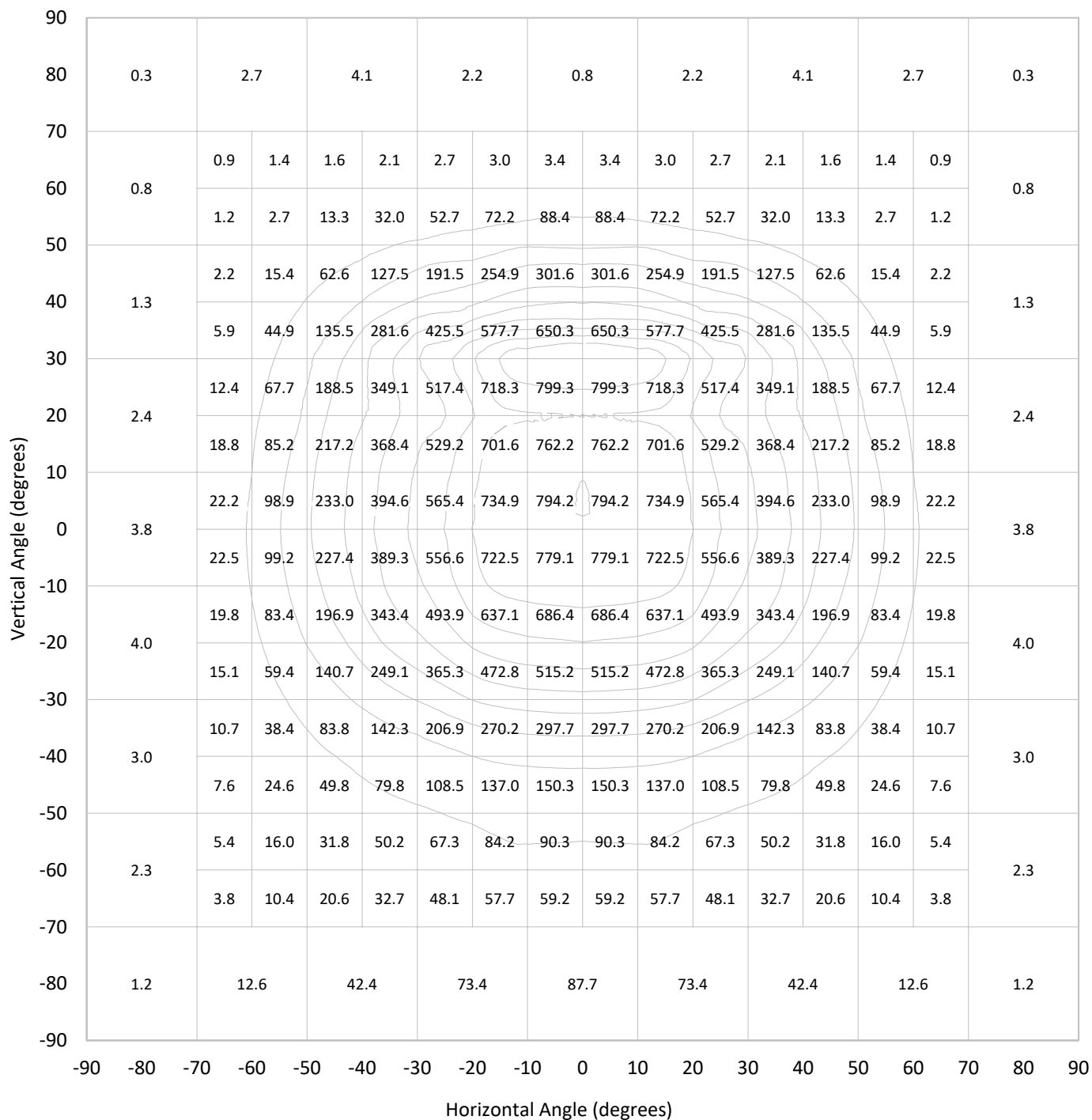
Iso-Candela Plot



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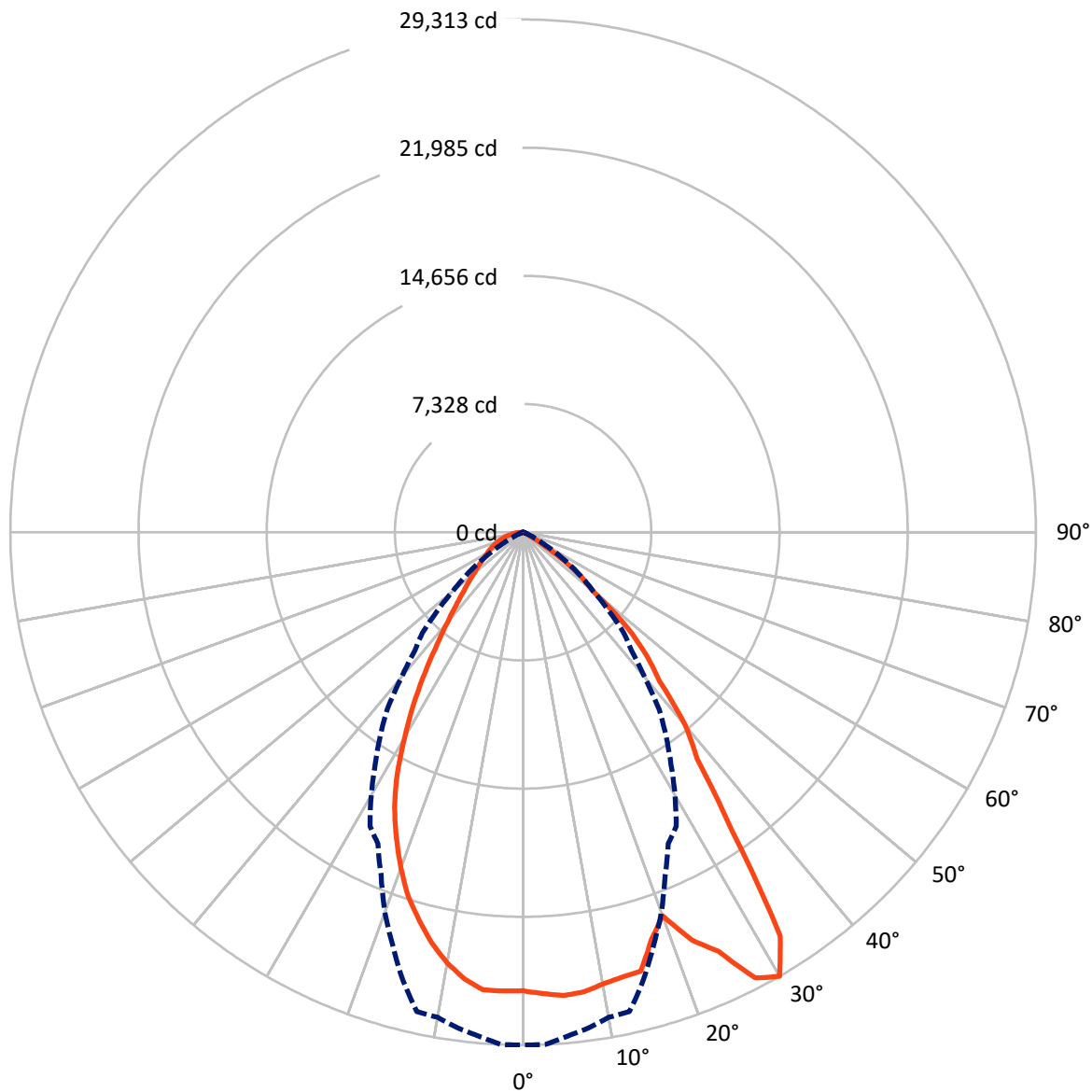
Lumen Table



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Luminous Intensity Polar Plot



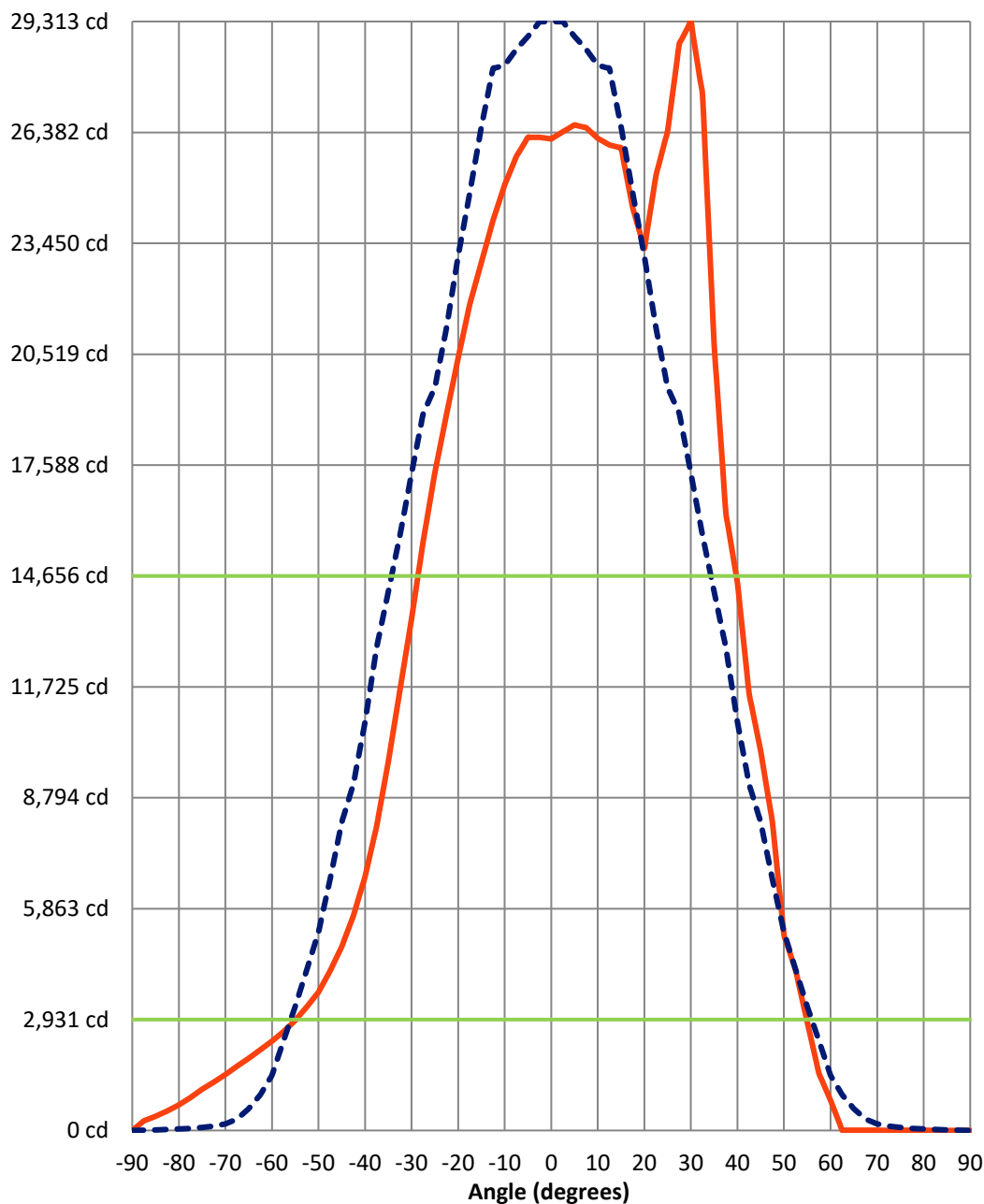
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26787.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 39586.1

Efficiency: 94.3%

Spill:

Lumens: 2402.8

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	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	0.0	6.7	6.7	6.7	13.4	13.4	13.4	13.4	13.4	13.4	20.1
82.5°	0.0	6.7	6.7	6.7	13.4	13.4	13.4	13.4	20.1	20.1	26.7
80°	6.7	6.7	6.7	6.7	13.4	13.4	13.4	20.1	20.1	26.7	26.7
77.5°	6.7	6.7	6.7	13.4	13.4	13.4	20.1	20.1	26.7	26.7	33.4
75°	6.7	6.7	6.7	13.4	13.4	20.1	20.1	20.1	26.7	26.7	33.4
72.5°	0.0	6.7	6.7	13.4	13.4	20.1	20.1	20.1	26.7	26.7	26.7
70°	6.7	6.7	6.7	13.4	13.4	20.1	20.1	20.1	26.7	26.7	26.7
67.5°	6.7	6.7	6.7	13.4	13.4	20.1	20.1	26.7	26.7	26.7	33.4
65°	6.7	6.7	6.7	13.4	20.1	20.1	26.7	33.4	33.4	40.1	46.8
62.5°	6.7	13.4	13.4	20.1	26.7	33.4	73.5	113.6	113.6	80.2	66.8
60°	795.5	862.3	855.7	775.4	675.2	568.2	548.2	528.1	488.0	427.8	447.9
57.5°	1510.8	1591.0	1624.4	1604.4	1550.9	1457.3	1403.8	1343.6	1263.4	1169.8	1062.9
55°	2861.1	2894.5	2821.0	2680.6	2526.9	2373.1	2319.6	2239.4	2119.1	1998.8	1838.3
52.5°	4231.5	4345.1	4311.7	4171.3	3964.1	3690.0	3389.2	3155.2	3014.8	2881.2	2720.7
50°	5167.4	5214.2	5307.7	5474.9	5535.0	5347.8	4859.9	4231.5	3783.6	4010.9	3837.1
47.5°	8155.5	8389.4	8342.6	8222.3	8021.8	7513.7	6831.9	6270.4	5802.4	5648.7	5675.4
45°	10020.5	10114.1	10080.7	10027.2	9933.6	9459.0	8703.6	7841.3	7406.8	7233.0	7052.5
42.5°	11551.3	11651.6	11671.7	11678.4	11578.1	11143.6	10461.7	9599.4	9164.9	8663.5	8269.1
40°	14472.6	14619.7	14452.6	14232.0	13897.7	13403.0	12734.6	11939.1	11170.3	10555.3	10087.4
37.5°	16337.7	16518.2	16585.0	16571.6	16498.1	16284.2	15462.0	14706.6	13530.1	12153.0	12400.3
35°	20763.0	20950.2	20896.7	20696.2	20589.2	20361.9	19559.8	18664.0	17186.6	15689.2	15288.2
32.5°	27360.9	27768.7	27006.6	26171.0	25656.3	25836.8	25021.2	22828.6	22146.8	19446.1	18196.0
30°	29312.9	29306.2	28918.5	28577.6	28156.4	28069.5	26532.0	24780.6	23109.4	21217.6	19640.0
27.5°	28717.9	28597.6	28270.1	28022.7	27628.3	27421.1	25917.0	24526.6	22594.7	20903.4	19379.3
25°	26425.0	26518.6	26184.4	26137.6	25983.9	25582.8	24834.1	23269.8	21545.1	19673.4	18577.1
22.5°	25241.8	25208.4	24807.3	24573.4	24760.5	24332.7	24031.9	22454.3	20656.1	19078.4	17761.5
20°	23316.6	23323.3	23223.0	23203.0	23089.3	22895.5	22654.8	21538.5	20268.3	18918.0	17333.7
17.5°	24392.9	24666.9	24787.3	23791.2	24072.0	23851.4	23597.4	22039.8	21083.9	19887.3	17821.7
15°	25970.5	25870.2	25749.9	25696.4	25542.7	25335.4	24874.2	23630.8	21986.3	20749.6	19138.6
12.5°	26050.7	25856.8	25810.0	25803.4	25642.9	25355.5	24907.6	23878.1	22420.8	20916.8	19606.5
10°	26224.5	26024.0	25997.2	26030.6	25783.3	25602.8	25154.9	24199.0	22554.5	21204.2	19967.5
7.5°	26505.3	26171.0	26324.8	26224.5	26110.9	25823.4	25342.1	24406.2	23042.5	21585.2	20288.4
5°	26578.8	26211.1	26378.3	26284.7	26117.5	25836.8	25315.4	24539.9	23343.4	21739.0	20415.4
2.5°	26398.3	26291.4	26217.8	26044.0	25970.5	25663.0	25168.3	24339.4	23203.0	21672.2	20388.7
0°	26211.1	26304.7	26137.6	25963.8	25930.4	25683.0	25261.9	24513.2	23530.5	21859.3	20616.0
-2.5°	26251.2	26177.7	26064.1	25883.6	25709.8	25355.5	24974.4	24272.5	23216.3	21451.6	20295.1
-5°	26251.2	25910.3	25923.7	25930.4	25756.6	25388.9	24927.7	24332.7	23029.2	21444.9	20201.5
-7.5°	25743.2	25449.1	25402.3	25362.2	25315.4	24974.4	24613.5	23871.5	22715.0	21271.1	19940.8
-10°	24994.5	24707.1	24733.8	24673.6	24526.6	24299.3	24025.2	23356.7	22407.5	20722.9	19412.7
-12.5°	24058.6	23931.6	23858.1	23757.8	23610.7	23410.2	23129.4	22501.1	21485.0	20047.7	18804.4
-15°	22948.9	22855.4	22788.5	22728.4	22514.4	22307.2	21939.5	21358.0	20722.9	19178.7	17908.6
-17.5°	21839.3	21605.3	21511.7	21431.5	21291.1	20956.9	20622.6	20188.1	19299.0	18075.7	16986.1
-20°	20415.4	20275.0	20161.4	20054.4	19853.9	19593.2	19319.1	18817.7	18049.0	17059.6	15929.9

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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°	18924.7	18844.5	18750.9	18617.2	18483.5	18236.2	17855.1	17373.8	16772.2	15702.6	14646.4
-25°	17387.2	17233.4	17119.8	16992.8	16885.8	16658.5	16290.9	15829.6	15074.2	14151.7	13269.3
-27.5°	15575.6	15428.5	15368.4	15221.3	15127.7	14920.5	14552.8	14125.0	13443.2	12667.7	11771.9
-30°	13530.1	13556.8	13489.9	13349.6	13235.9	12968.5	12687.8	12326.8	11792.0	11050.0	10247.8
-32.5°	11638.3	11671.7	11591.5	11444.4	11297.3	11103.5	10842.8	10515.2	10114.1	9405.5	8710.3
-35°	9746.5	9733.1	9666.2	9579.3	9479.1	9318.6	9024.5	8777.2	8315.9	7821.2	7339.9
-37.5°	8048.5	8081.9	8061.9	8015.1	7901.4	7767.7	7527.1	7299.8	6958.9	6524.4	6150.0
-40°	6704.9	6745.0	6718.2	6671.4	6571.2	6490.9	6330.5	6130.0	5855.9	5481.5	5167.4
-42.5°	5675.4	5702.1	5668.7	5628.6	5541.7	5481.5	5354.5	5187.4	4960.1	4672.7	4391.9
-45°	4859.9	4866.5	4833.1	4806.4	4739.5	4666.0	4559.0	4425.3	4244.9	4044.3	3817.0
-47.5°	4218.1	4211.4	4178.0	4151.3	4097.8	4030.9	3944.0	3823.7	3683.3	3529.6	3349.1
-50°	3656.6	3690.0	3676.6	3649.9	3609.8	3563.0	3476.1	3349.1	3208.7	3095.1	2968.1
-52.5°	3268.9	3275.6	3268.9	3268.9	3262.2	3228.8	3128.5	3001.5	2847.7	2747.5	2640.5
-55°	2907.9	2941.3	2954.7	2968.1	2974.7	2974.7	2854.4	2720.7	2573.7	2473.4	2393.2
-57.5°	2613.8	2633.8	2647.2	2680.6	2707.3	2727.4	2620.4	2500.1	2386.5	2292.9	2219.4
-60°	2359.7	2386.5	2406.5	2440.0	2460.0	2473.4	2406.5	2326.3	2259.5	2199.3	2092.3
-62.5°	2132.5	2152.5	2172.6	2192.6	2212.7	2226.0	2199.3	2159.2	2125.8	2099.0	1965.3
-65°	1905.2	1925.2	1945.3	1972.0	1992.1	2005.4	1998.8	1972.0	1945.3	1918.5	1798.2
-67.5°	1697.9	1718.0	1744.7	1751.4	1764.8	1771.5	1758.1	1738.1	1704.6	1671.2	1577.6
-70°	1477.3	1490.7	1504.1	1504.1	1504.1	1497.4	1484.0	1457.3	1423.9	1377.1	1303.5
-72.5°	1276.8	1290.2	1303.5	1283.5	1270.1	1250.1	1230.0	1196.6	1163.2	1129.7	1089.6
-75°	1089.6	1096.3	1096.3	1069.6	1049.5	1029.5	1002.7	982.7	949.2	922.5	889.1
-77.5°	869.0	869.0	869.0	849.0	835.6	822.2	802.2	782.1	755.4	735.3	708.6
-80°	675.2	675.2	675.2	668.5	648.4	635.1	621.7	608.3	588.3	574.9	561.5
-82.5°	514.7	514.7	514.7	508.0	494.7	488.0	474.6	461.3	454.6	441.2	434.5
-85°	374.3	381.0	381.0	374.3	367.7	354.3	347.6	340.9	334.2	327.6	314.2
-87.5°	254.0	254.0	254.0	247.3	240.7	240.7	234.0	220.6	207.2	200.5	193.9
-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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	20.1	20.1	20.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	20.1
82.5°	33.4	33.4	40.1	40.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8
80°	33.4	40.1	46.8	53.5	60.2	66.8	66.8	66.8	66.8	60.2	60.2
77.5°	40.1	40.1	46.8	53.5	60.2	66.8	73.5	80.2	73.5	73.5	73.5
75°	40.1	46.8	46.8	53.5	60.2	66.8	73.5	80.2	80.2	80.2	80.2
72.5°	33.4	40.1	46.8	53.5	53.5	60.2	66.8	66.8	73.5	73.5	80.2
70°	33.4	40.1	46.8	46.8	53.5	53.5	60.2	66.8	66.8	73.5	73.5
67.5°	40.1	46.8	46.8	53.5	60.2	60.2	60.2	66.8	66.8	73.5	73.5
65°	46.8	53.5	53.5	60.2	66.8	66.8	73.5	73.5	73.5	80.2	80.2
62.5°	80.2	80.2	80.2	73.5	80.2	80.2	80.2	86.9	86.9	80.2	86.9
60°	414.5	300.8	207.2	260.7	234.0	107.0	107.0	107.0	100.3	100.3	93.6
57.5°	976.0	909.1	782.1	661.8	594.9	528.1	327.6	133.7	133.7	120.3	107.0
55°	1631.1	1410.5	1316.9	1156.5	982.7	902.4	748.7	508.0	240.7	160.4	140.4
52.5°	2526.9	2319.6	2079.0	1751.4	1517.5	1330.3	1203.3	955.9	641.7	340.9	213.9
50°	3382.5	3288.9	3141.9	2821.0	2333.0	2018.8	1811.6	1530.8	1149.8	701.9	401.1
47.5°	5448.1	4666.0	4191.4	3944.0	3536.3	2941.3	2540.2	2226.0	1764.8	1183.2	708.6
45°	6858.6	6363.9	5608.6	5087.1	4485.5	3857.1	3335.7	2974.7	2426.6	1771.5	1109.7
42.5°	8068.6	7640.7	6958.9	6196.8	5561.8	4739.5	4071.0	3596.4	3135.2	2419.9	1657.8
40°	9626.1	9118.1	8463.0	7721.0	6978.9	5929.4	4846.5	4271.6	3763.5	3128.5	2239.4
37.5°	12193.1	11297.3	10227.8	9405.5	8436.2	7547.1	6063.1	5047.0	4445.4	3783.6	2921.3
35°	15281.5	14298.8	12514.0	11424.3	10127.5	8803.9	7466.9	5962.8	5107.2	4405.3	3549.6
32.5°	18155.9	16718.7	14432.5	13155.7	12293.4	9853.4	8469.7	7166.1	5789.0	4926.7	3910.6
30°	18951.4	17367.1	15729.4	14238.6	12768.0	10796.0	9158.2	8142.1	6644.7	5240.9	4251.5
27.5°	18149.3	17059.6	15789.5	14405.8	12814.8	11123.5	9579.3	8610.0	7273.1	5454.8	4518.9
25°	17333.7	16197.3	15308.2	14151.7	12681.1	11103.5	9592.7	8904.2	7761.1	5869.3	4666.0
22.5°	16471.4	15762.8	15027.5	13737.3	12346.8	11163.6	10027.2	9158.2	8015.1	6337.2	4726.2
20°	16518.2	16056.9	15248.0	13523.4	12286.7	11517.9	10548.6	9479.1	8289.2	6745.0	4773.0
17.5°	17266.9	16665.2	15649.1	14151.7	12828.1	11878.9	10983.1	9920.3	8569.9	7106.0	5341.2
15°	18189.4	17273.5	16210.7	14893.8	13396.4	12273.3	11317.4	10227.8	8890.8	7440.2	5849.2
12.5°	18857.8	17554.3	16558.3	15368.4	14011.4	12701.1	11538.0	10461.7	9191.6	7714.3	6230.2
10°	19085.1	17901.9	16725.4	15662.5	14325.5	12928.4	11705.1	10608.8	9452.3	7928.2	6511.0
7.5°	19205.5	18202.7	16839.0	15796.2	14512.7	13068.8	11838.8	10689.0	9659.5	8075.2	6691.5
5°	19192.1	18363.2	16925.9	15836.3	14613.0	13129.0	11932.4	10709.1	9806.6	8202.3	6798.5
2.5°	19131.9	18470.1	17066.3	15903.2	14813.5	13242.6	12112.9	10749.2	9860.1	8342.6	6872.0
0°	19352.5	18476.8	17213.4	15923.2	14947.2	13282.7	12193.1	10715.7	9786.6	8382.8	6865.3
-2.5°	18877.9	18082.4	17180.0	15749.4	14766.7	13189.1	12046.0	10608.8	9626.1	8336.0	6838.6
-5°	18797.7	17795.0	16899.2	15589.0	14465.9	12995.3	11771.9	10408.2	9372.1	8182.2	6731.6
-7.5°	18583.8	17520.9	16625.1	15462.0	14185.2	12794.7	11511.2	10201.0	9098.0	7941.6	6577.9
-10°	18115.8	17099.7	16331.0	15187.9	13844.2	12507.3	11197.1	9926.9	8777.2	7614.0	6337.2
-12.5°	17447.4	16431.3	15669.2	14606.3	13416.4	12119.6	10822.7	9572.6	8409.5	7266.4	6049.8
-15°	16692.0	15662.5	14900.4	13931.1	12781.4	11517.9	10348.1	9124.8	7988.3	6898.7	5708.8
-17.5°	15836.3	14860.3	14125.0	13182.4	12039.3	10836.1	9672.9	8563.2	7500.4	6517.7	5314.4
-20°	14847.0	13897.7	13222.6	12280.0	11230.5	10060.6	8930.9	7881.4	6925.5	6003.0	4879.9

REPORT NUMBER: P722393

CATALOG NUMBER: IFLD-L-SA8D-722-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°	13623.6	12788.0	12019.3	11177.0	10261.2	9191.6	8142.1	7212.9	6297.1	5394.6	4432.0
-25°	12373.6	11564.7	10816.0	10047.3	9171.6	8249.1	7353.3	6511.0	5615.2	4799.7	3997.5
-27.5°	10983.1	10261.2	9592.7	8884.1	8081.9	7286.4	6551.1	5728.9	4953.4	4258.2	3569.7
-30°	9499.1	8910.9	8329.3	7700.9	7052.5	6384.0	5728.9	4953.4	4345.1	3790.3	3208.7
-32.5°	8075.2	7547.1	7079.2	6611.3	6049.8	5501.6	4920.0	4345.1	3837.1	3349.1	2861.1
-35°	6825.2	6263.7	6003.0	5628.6	5180.7	4686.1	4211.4	3810.3	3402.6	2961.4	2526.9
-37.5°	5742.3	5381.3	5073.8	4793.0	4438.7	4010.9	3670.0	3342.4	3001.5	2600.4	2226.0
-40°	4893.3	4632.6	4325.1	4117.8	3830.4	3522.9	3182.0	2907.9	2620.4	2292.9	1985.4
-42.5°	4211.4	3997.5	3797.0	3576.4	3362.5	3101.8	2807.6	2546.9	2286.2	2045.6	1791.5
-45°	3649.9	3496.2	3335.7	3155.2	2968.1	2740.8	2500.1	2232.7	2045.6	1831.6	1617.7
-47.5°	3188.7	3075.0	2941.3	2800.9	2640.5	2440.0	2219.4	2025.5	1831.6	1651.1	1443.9
-50°	2821.0	2714.0	2607.1	2486.7	2346.4	2172.6	2005.4	1825.0	1644.5	1470.7	1276.8
-52.5°	2513.5	2419.9	2333.0	2232.7	2099.0	1952.0	1798.2	1637.8	1470.7	1296.9	1143.1
-55°	2299.6	2192.6	2105.7	2005.4	1885.1	1744.7	1604.4	1457.3	1296.9	1163.2	1036.1
-57.5°	2125.8	2005.4	1905.2	1798.2	1677.9	1557.6	1430.5	1296.9	1176.5	1049.5	929.2
-60°	1978.7	1838.3	1724.7	1617.7	1504.1	1390.4	1283.5	1169.8	1056.2	942.6	822.2
-62.5°	1825.0	1677.9	1537.5	1437.2	1350.3	1250.1	1156.5	1049.5	949.2	835.6	748.7
-65°	1651.1	1510.8	1377.1	1290.2	1210.0	1123.0	1036.1	942.6	855.7	768.8	688.5
-67.5°	1457.3	1337.0	1243.4	1163.2	1082.9	1009.4	929.2	849.0	775.4	688.5	608.3
-70°	1223.3	1156.5	1103.0	1042.8	969.3	902.4	828.9	755.4	675.2	601.6	528.1
-72.5°	1042.8	1002.7	962.6	902.4	835.6	775.4	715.3	648.4	581.6	514.7	454.6
-75°	855.7	822.2	788.8	748.7	695.2	648.4	594.9	534.8	481.3	434.5	387.7
-77.5°	688.5	661.8	641.7	608.3	568.2	528.1	494.7	454.6	414.5	367.7	320.9
-80°	548.2	534.8	528.1	514.7	481.3	447.9	421.1	387.7	347.6	314.2	280.8
-82.5°	427.8	427.8	421.1	414.5	387.7	361.0	340.9	314.2	287.4	260.7	227.3
-85°	314.2	307.5	307.5	300.8	280.8	267.4	247.3	234.0	213.9	187.2	173.8
-87.5°	187.2	180.5	173.8	167.1	153.8	147.1	133.7	127.0	113.6	100.3	93.6
-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: P722393

CATALOG NUMBER: IFLD-L-SA8D-722-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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	0.0	0.0
85°	20.1	13.4	13.4	13.4	13.4	13.4	6.7	6.7	6.7	6.7	6.7
82.5°	40.1	40.1	33.4	33.4	26.7	20.1	13.4	13.4	13.4	6.7	6.7
80°	60.2	60.2	60.2	53.5	46.8	33.4	26.7	20.1	13.4	6.7	6.7
77.5°	73.5	66.8	66.8	60.2	60.2	53.5	40.1	33.4	20.1	13.4	6.7
75°	73.5	73.5	73.5	66.8	66.8	60.2	53.5	40.1	33.4	20.1	13.4
72.5°	80.2	73.5	73.5	73.5	66.8	60.2	53.5	46.8	40.1	26.7	13.4
70°	73.5	73.5	73.5	73.5	66.8	66.8	53.5	46.8	46.8	26.7	20.1
67.5°	73.5	73.5	73.5	66.8	66.8	60.2	53.5	46.8	46.8	33.4	20.1
65°	80.2	73.5	73.5	73.5	66.8	60.2	53.5	46.8	46.8	40.1	26.7
62.5°	86.9	80.2	80.2	73.5	66.8	60.2	53.5	46.8	46.8	40.1	26.7
60°	93.6	86.9	80.2	80.2	73.5	66.8	53.5	53.5	46.8	40.1	26.7
57.5°	100.3	93.6	93.6	86.9	80.2	73.5	60.2	53.5	46.8	40.1	33.4
55°	120.3	107.0	100.3	100.3	93.6	80.2	66.8	53.5	46.8	40.1	33.4
52.5°	160.4	127.0	113.6	113.6	107.0	93.6	73.5	60.2	46.8	40.1	33.4
50°	254.0	160.4	133.7	120.3	120.3	107.0	86.9	66.8	46.8	40.1	33.4
47.5°	401.1	267.4	160.4	140.4	133.7	127.0	100.3	66.8	53.5	40.1	33.4
45°	661.8	394.4	260.7	167.1	140.4	133.7	113.6	73.5	53.5	46.8	33.4
42.5°	909.1	615.0	401.1	200.5	167.1	147.1	120.3	80.2	60.2	46.8	33.4
40°	1430.5	842.3	561.5	327.6	193.9	153.8	133.7	93.6	60.2	46.8	33.4
37.5°	1938.6	1116.4	755.4	481.3	220.6	173.8	140.4	100.3	66.8	46.8	40.1
35°	2446.6	1564.2	935.9	641.7	294.1	207.2	147.1	107.0	66.8	46.8	40.1
32.5°	2901.2	1985.4	1123.0	802.2	441.2	247.3	160.4	113.6	73.5	53.5	40.1
30°	3275.6	2373.1	1457.3	942.6	574.9	300.8	173.8	113.6	80.2	53.5	40.1
27.5°	3556.3	2673.9	1798.2	1089.6	688.5	354.3	200.5	127.0	80.2	53.5	40.1
25°	3783.6	2907.9	2099.0	1243.4	788.8	441.2	240.7	133.7	86.9	60.2	40.1
22.5°	3964.1	3101.8	2346.4	1450.6	909.1	528.1	294.1	147.1	86.9	60.2	40.1
20°	4211.4	3295.6	2513.5	1671.2	1036.1	608.3	340.9	160.4	86.9	60.2	46.8
17.5°	4425.3	3489.5	2647.2	1858.4	1163.2	668.5	394.4	173.8	93.6	60.2	46.8
15°	4672.7	3676.6	2767.5	2005.4	1283.5	722.0	441.2	187.2	93.6	66.8	46.8
12.5°	4940.1	3850.4	2854.4	2125.8	1410.5	768.8	481.3	213.9	100.3	66.8	46.8
10°	5214.2	3997.5	2927.9	2212.7	1504.1	815.5	508.0	240.7	107.0	66.8	46.8
7.5°	5488.2	4131.2	3021.5	2252.8	1544.2	869.0	521.4	267.4	107.0	73.5	46.8
5°	5675.4	4218.1	3155.2	2279.5	1564.2	929.2	541.5	300.8	113.6	73.5	46.8
2.5°	5835.8	4271.6	3295.6	2299.6	1570.9	962.6	534.8	320.9	120.3	73.5	46.8
0°	5909.4	4271.6	3389.2	2286.2	1550.9	996.0	534.8	340.9	120.3	73.5	46.8
-2.5°	5795.7	4391.9	3362.5	2292.9	1557.6	996.0	561.5	347.6	133.7	80.2	46.8
-5°	5615.2	4438.7	3282.2	2259.5	1544.2	996.0	594.9	354.3	140.4	80.2	53.5
-7.5°	5441.4	4458.8	3188.7	2226.0	1524.1	969.3	601.6	347.6	153.8	86.9	53.5
-10°	5214.2	4238.2	3068.3	2165.9	1484.0	949.2	615.0	347.6	160.4	86.9	53.5
-12.5°	4953.4	3970.8	2921.3	2079.0	1437.2	929.2	621.7	347.6	167.1	93.6	53.5
-15°	4652.6	3696.7	2754.1	1985.4	1370.4	902.4	608.3	340.9	173.8	93.6	60.2
-17.5°	4311.7	3429.3	2580.3	1871.7	1296.9	869.0	581.6	334.2	173.8	93.6	60.2
-20°	3924.0	3161.9	2386.5	1758.1	1210.0	828.9	554.8	320.9	173.8	93.6	60.2

REPORT NUMBER: P722393

CATALOG NUMBER: IFLD-L-SA8D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3576.4	2914.6	2185.9	1631.1	1116.4	782.1	521.4	307.5	173.8	100.3	60.2
-25°	3288.9	2673.9	2032.2	1504.1	1016.1	728.6	488.0	294.1	173.8	100.3	60.2
-27.5°	2988.1	2413.2	1871.7	1383.8	949.2	681.9	454.6	280.8	167.1	100.3	60.2
-30°	2680.6	2159.2	1704.6	1250.1	882.4	635.1	427.8	260.7	167.1	100.3	60.2
-32.5°	2399.8	1952.0	1550.9	1116.4	808.9	588.3	401.1	254.0	160.4	100.3	60.2
-35°	2125.8	1764.8	1390.4	1009.4	728.6	541.5	374.3	247.3	160.4	100.3	60.2
-37.5°	1898.5	1591.0	1243.4	935.9	681.9	501.4	347.6	234.0	153.8	100.3	60.2
-40°	1711.3	1430.5	1103.0	855.7	641.7	461.3	320.9	227.3	153.8	100.3	60.2
-42.5°	1537.5	1276.8	1016.1	788.8	601.6	434.5	300.8	220.6	147.1	100.3	60.2
-45°	1383.8	1143.1	929.2	728.6	554.8	401.1	287.4	207.2	140.4	100.3	66.8
-47.5°	1230.0	1049.5	849.0	675.2	508.0	361.0	274.1	200.5	133.7	93.6	66.8
-50°	1109.7	949.2	782.1	615.0	461.3	347.6	260.7	187.2	133.7	93.6	66.8
-52.5°	1002.7	855.7	708.6	554.8	421.1	327.6	247.3	173.8	127.0	93.6	66.8
-55°	902.4	768.8	635.1	494.7	394.4	307.5	227.3	160.4	127.0	93.6	66.8
-57.5°	802.2	688.5	561.5	447.9	361.0	287.4	213.9	160.4	127.0	93.6	66.8
-60°	722.0	615.0	508.0	414.5	334.2	260.7	193.9	153.8	120.3	93.6	66.8
-62.5°	655.1	554.8	461.3	374.3	307.5	234.0	187.2	153.8	120.3	93.6	60.2
-65°	588.3	501.4	414.5	340.9	274.1	220.6	180.5	147.1	120.3	93.6	60.2
-67.5°	521.4	441.2	374.3	300.8	254.0	213.9	173.8	147.1	113.6	86.9	60.2
-70°	454.6	387.7	327.6	280.8	240.7	200.5	167.1	140.4	113.6	80.2	53.5
-72.5°	401.1	340.9	294.1	260.7	227.3	193.9	160.4	133.7	107.0	73.5	46.8
-75°	340.9	300.8	267.4	234.0	207.2	180.5	153.8	120.3	93.6	66.8	46.8
-77.5°	287.4	260.7	234.0	213.9	187.2	160.4	133.7	107.0	86.9	60.2	40.1
-80°	247.3	227.3	207.2	187.2	167.1	140.4	120.3	93.6	73.5	53.5	33.4
-82.5°	200.5	187.2	167.1	153.8	140.4	120.3	100.3	80.2	53.5	40.1	26.7
-85°	153.8	140.4	133.7	120.3	107.0	86.9	66.8	53.5	40.1	26.7	13.4
-87.5°	80.2	73.5	66.8	60.2	53.5	40.1	33.4	26.7	20.1	13.4	6.7
-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: P722393

CATALOG NUMBER: IFLD-L-SA8D-722-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°	6.7	0.0	0.0	0.0
77.5°	6.7	0.0	0.0	0.0
75°	6.7	6.7	0.0	0.0
72.5°	6.7	6.7	0.0	0.0
70°	6.7	6.7	0.0	0.0
67.5°	13.4	6.7	0.0	0.0
65°	13.4	6.7	0.0	0.0
62.5°	13.4	6.7	0.0	0.0
60°	13.4	6.7	0.0	0.0
57.5°	20.1	6.7	6.7	0.0
55°	20.1	6.7	6.7	0.0
52.5°	20.1	6.7	6.7	0.0
50°	20.1	13.4	6.7	0.0
47.5°	20.1	13.4	6.7	0.0
45°	20.1	13.4	6.7	0.0
42.5°	20.1	13.4	6.7	0.0
40°	26.7	13.4	6.7	0.0
37.5°	26.7	13.4	6.7	0.0
35°	26.7	13.4	6.7	0.0
32.5°	26.7	13.4	6.7	0.0
30°	26.7	13.4	6.7	0.0
27.5°	26.7	20.1	6.7	0.0
25°	26.7	20.1	6.7	0.0
22.5°	33.4	20.1	6.7	0.0
20°	33.4	20.1	6.7	0.0
17.5°	33.4	20.1	6.7	0.0
15°	33.4	20.1	6.7	0.0
12.5°	33.4	20.1	6.7	0.0
10°	33.4	20.1	6.7	0.0
7.5°	33.4	20.1	6.7	0.0
5°	33.4	20.1	6.7	0.0
2.5°	33.4	20.1	6.7	0.0
0°	33.4	20.1	6.7	0.0
-2.5°	33.4	20.1	6.7	0.0
-5°	33.4	20.1	6.7	0.0
-7.5°	33.4	20.1	6.7	0.0
-10°	33.4	20.1	6.7	0.0
-12.5°	40.1	20.1	6.7	0.0
-15°	40.1	20.1	6.7	0.0
-17.5°	40.1	20.1	6.7	0.0
-20°	40.1	20.1	6.7	0.0

REPORT NUMBER: P722393

CATALOG NUMBER: IFLD-L-SA8D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	40.1	20.1	6.7	0.0
-25°	40.1	20.1	6.7	0.0
-27.5°	40.1	20.1	6.7	0.0
-30°	40.1	20.1	6.7	0.0
-32.5°	40.1	20.1	6.7	0.0
-35°	40.1	20.1	6.7	0.0
-37.5°	40.1	20.1	6.7	0.0
-40°	40.1	20.1	6.7	0.0
-42.5°	33.4	20.1	6.7	0.0
-45°	40.1	20.1	6.7	0.0
-47.5°	40.1	20.1	6.7	0.0
-50°	40.1	20.1	6.7	0.0
-52.5°	40.1	20.1	6.7	0.0
-55°	40.1	20.1	6.7	0.0
-57.5°	40.1	20.1	6.7	0.0
-60°	40.1	20.1	6.7	0.0
-62.5°	33.4	20.1	6.7	0.0
-65°	33.4	13.4	6.7	0.0
-67.5°	33.4	13.4	6.7	0.0
-70°	33.4	13.4	6.7	0.0
-72.5°	26.7	13.4	6.7	0.0
-75°	26.7	13.4	6.7	0.0
-77.5°	20.1	6.7	0.0	0.0
-80°	20.1	6.7	0.0	0.0
-82.5°	13.4	6.7	0.0	0.0
-85°	6.7	6.7	0.0	0.0
-87.5°	6.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)