

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: P722386

Luminaire Tested: **IFLD-L-SA7B-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722386
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26822.8 lumens	Max Intensity:	18725.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.5 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:	17111.8 lumens	Field Lumens:	25287.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

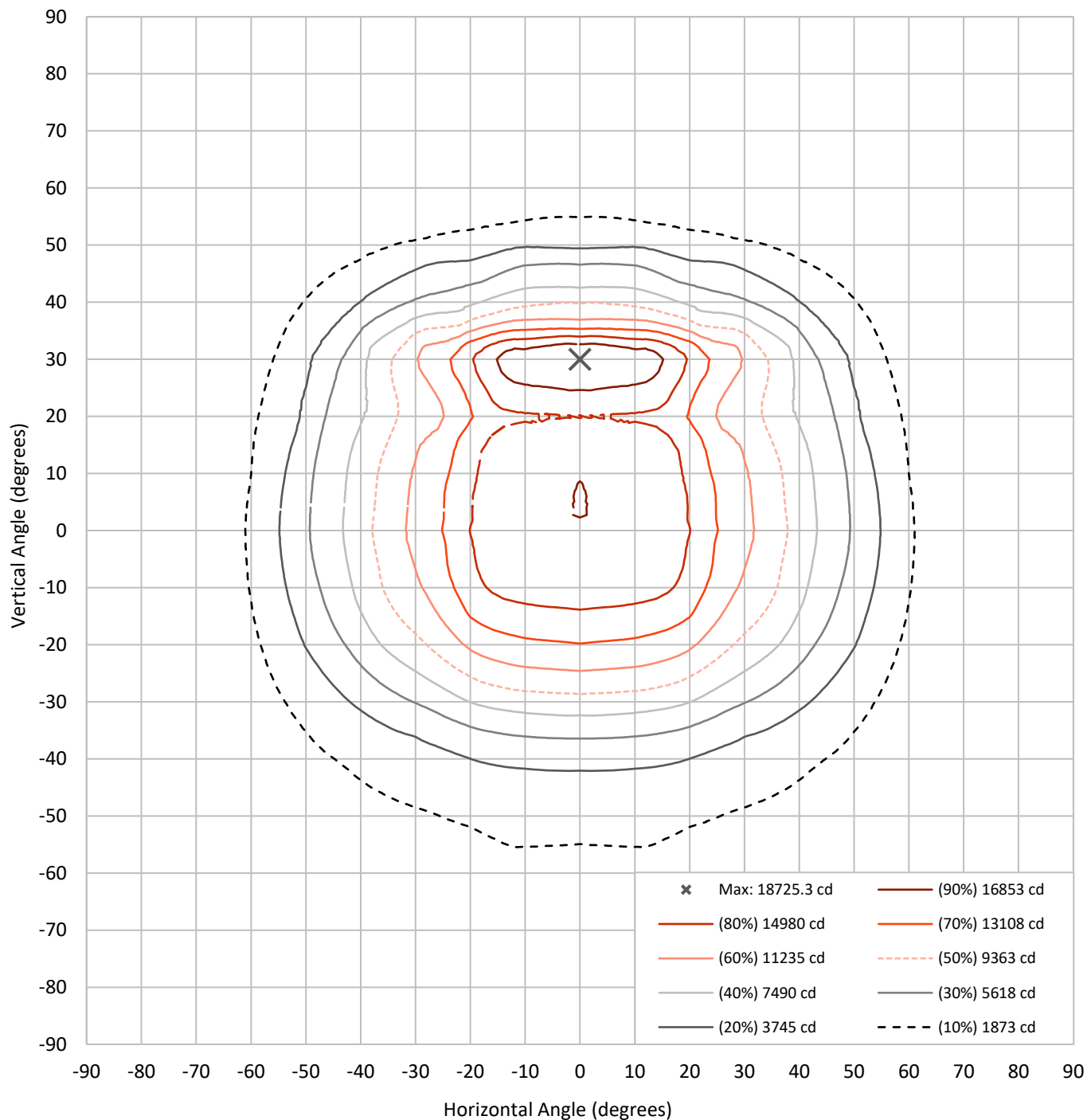
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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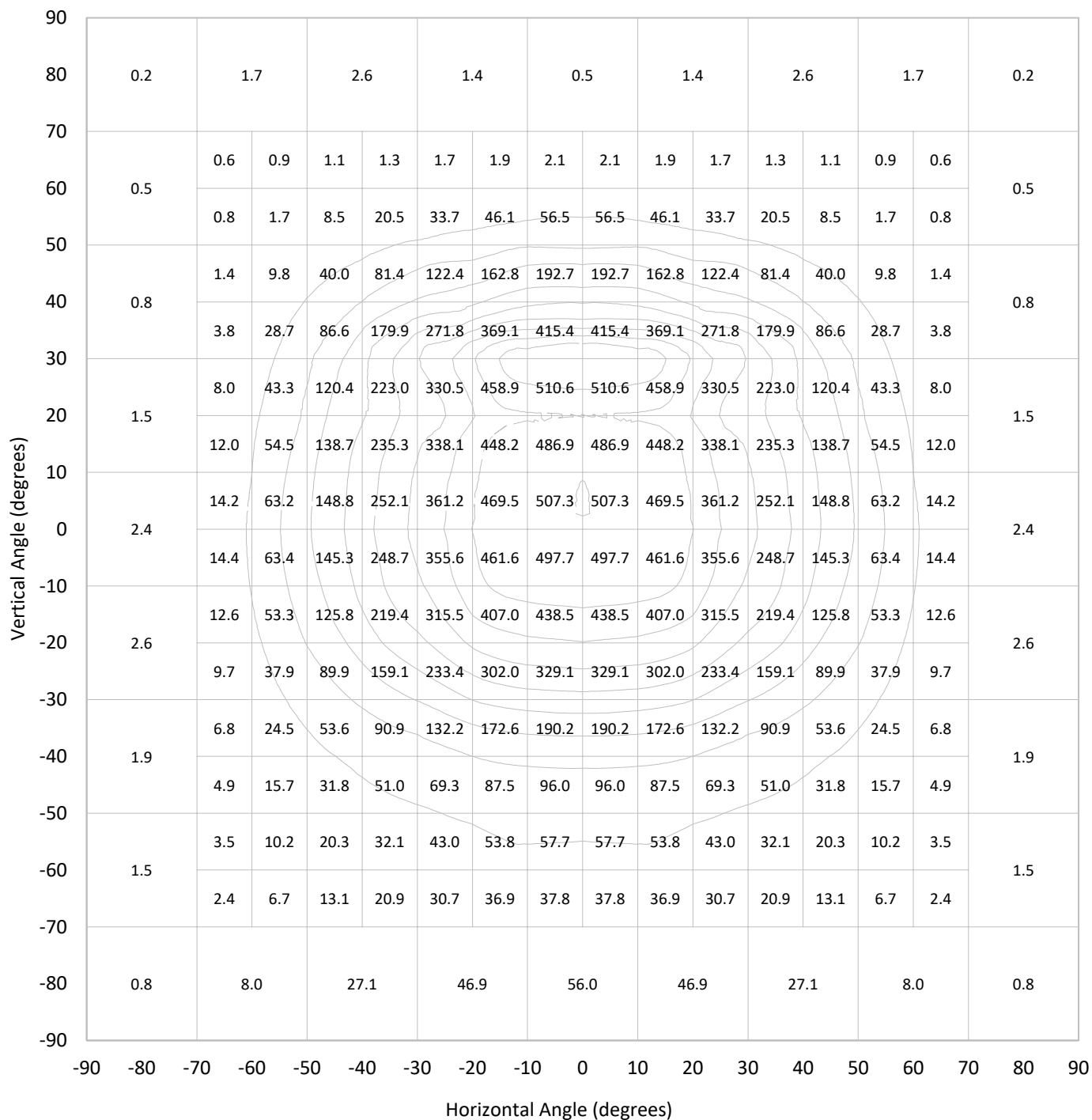
Iso-Candela Plot



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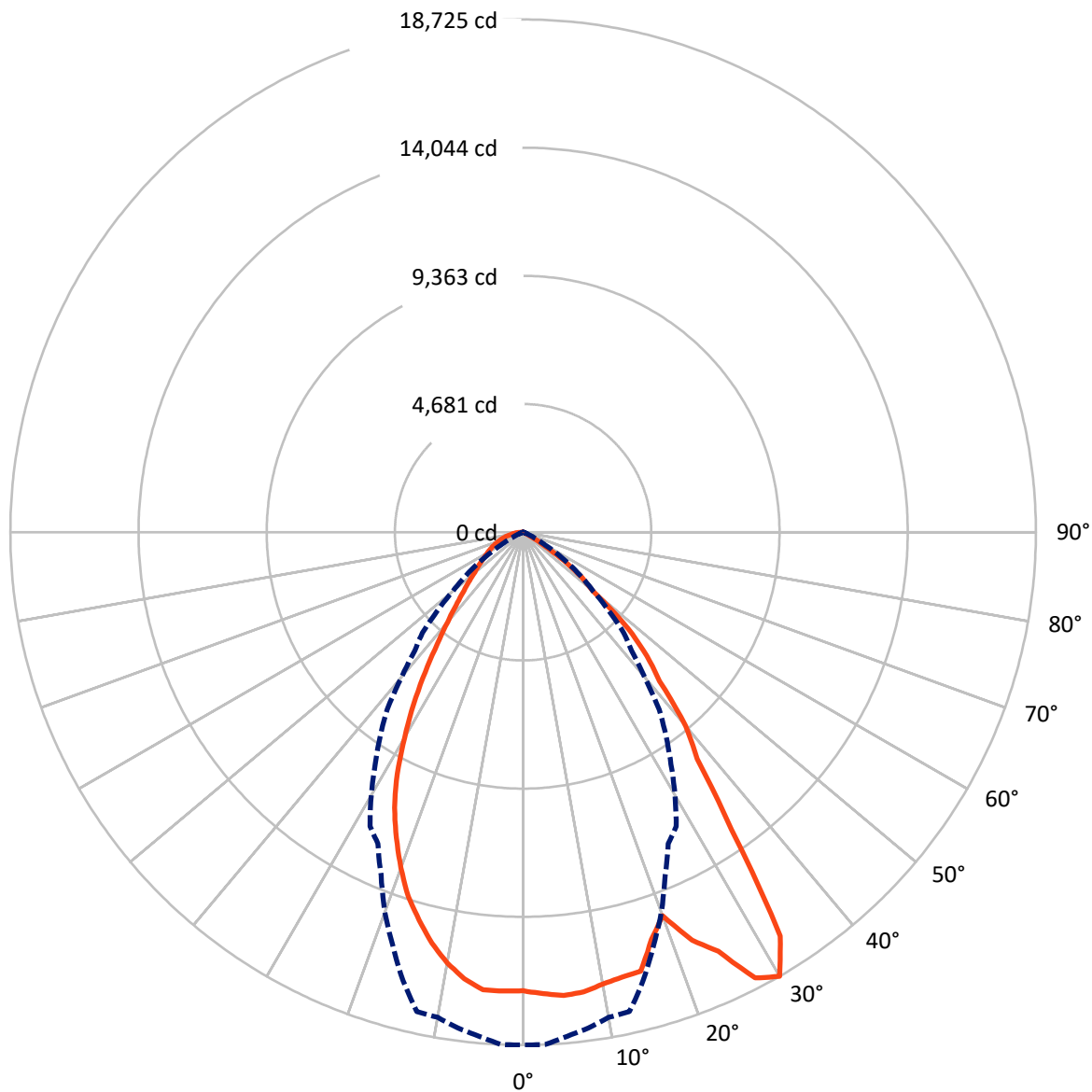
Lumen Table



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Luminous Intensity Polar Plot



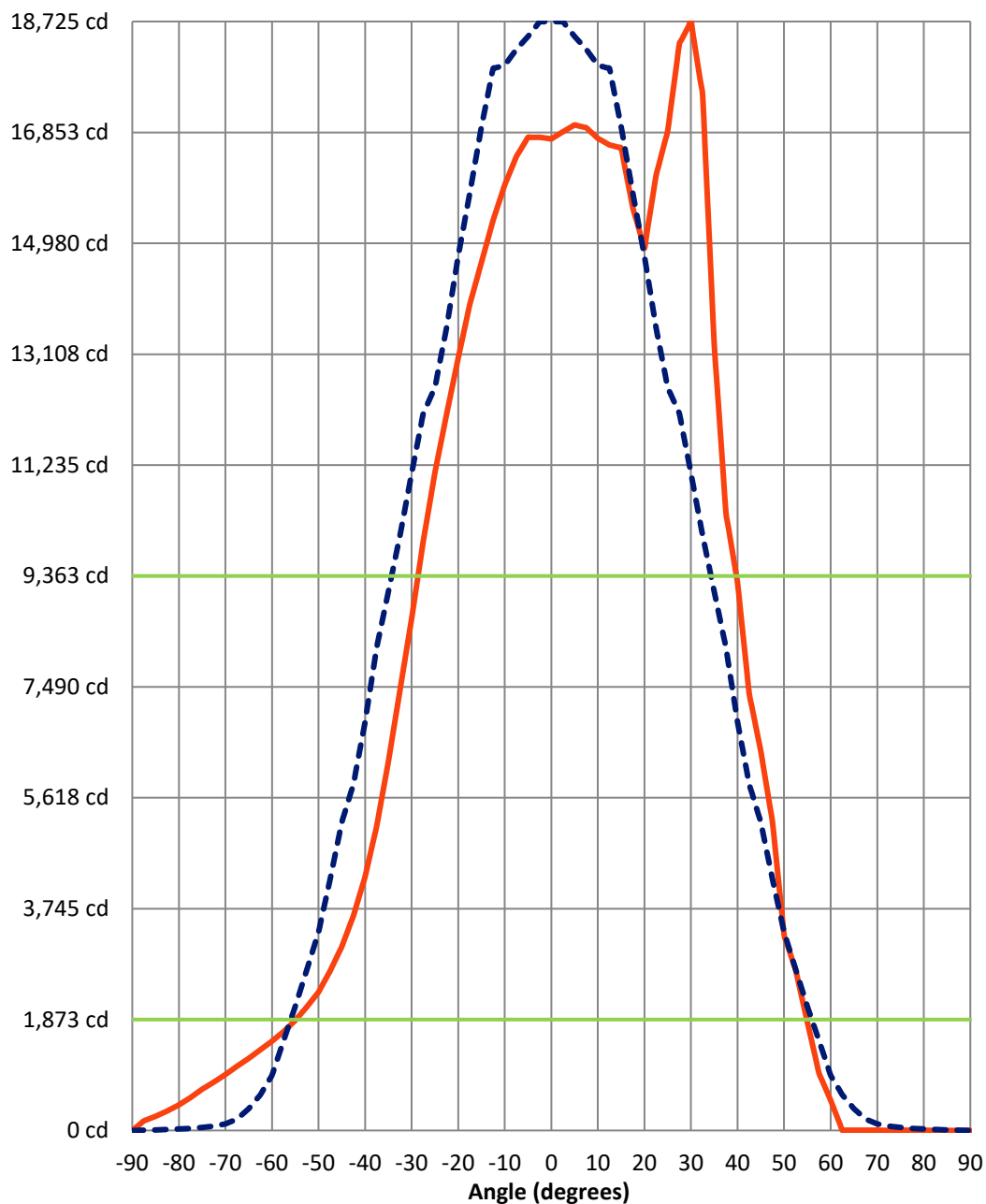
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17111.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25287.9

Efficiency: 94.3%

Spill:

Lumens: 1534.9

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	8.5	8.5	12.8
82.5°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	12.8	12.8	17.1
80°	4.3	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.1	17.1
77.5°	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.1	17.1	21.4
75°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.1	17.1	21.4
72.5°	0.0	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.1	17.1	17.1
70°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.1	17.1	17.1
67.5°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	17.1	17.1	17.1	21.4
65°	4.3	4.3	4.3	8.5	12.8	12.8	17.1	21.4	21.4	25.6	29.9
62.5°	4.3	8.5	8.5	12.8	17.1	21.4	47.0	72.6	72.6	51.2	42.7
60°	508.2	550.9	546.6	495.4	431.3	363.0	350.2	337.4	311.7	273.3	286.1
57.5°	965.1	1016.3	1037.7	1024.9	990.7	930.9	896.8	858.3	807.1	747.3	679.0
55°	1827.7	1849.0	1802.1	1712.4	1614.2	1516.0	1481.8	1430.6	1353.7	1276.8	1174.3
52.5°	2703.1	2775.7	2754.4	2664.7	2532.3	2357.2	2165.0	2015.6	1925.9	1840.5	1738.0
50°	3301.0	3330.8	3390.6	3497.4	3535.8	3416.3	3104.5	2703.1	2417.0	2562.2	2451.2
47.5°	5209.8	5359.2	5329.4	5252.5	5124.4	4799.8	4364.3	4005.6	3706.6	3608.4	3625.5
45°	6401.2	6461.0	6439.6	6405.5	6345.7	6042.5	5559.9	5009.1	4731.5	4620.5	4505.2
42.5°	7379.1	7443.2	7456.0	7460.2	7396.2	7118.6	6683.0	6132.2	5854.6	5534.3	5282.4
40°	9245.2	9339.2	9232.4	9091.5	8878.0	8562.0	8134.9	7626.8	7135.7	6742.8	6443.9
37.5°	10436.6	10551.9	10594.6	10586.1	10539.1	10402.5	9877.2	9394.7	8643.1	7763.4	7921.4
35°	13263.6	13383.2	13349.0	13220.9	13152.6	13007.4	12494.9	11922.7	10979.0	10022.4	9766.2
32.5°	17478.4	17738.9	17252.1	16718.3	16389.5	16504.8	15983.8	14583.1	14147.5	12422.3	11623.8
30°	18725.3	18721.1	18473.4	18255.6	17986.6	17931.0	16948.9	15830.1	14762.5	13554.0	12546.2
27.5°	18345.3	18268.4	18059.2	17901.2	17649.2	17516.8	16556.0	15667.8	14433.7	13353.3	12379.6
25°	16880.5	16940.3	16726.8	16696.9	16598.7	16342.5	15864.2	14865.0	13763.2	12567.5	11867.2
22.5°	16124.7	16103.4	15847.1	15697.7	15817.2	15543.9	15351.8	14344.0	13195.3	12187.5	11346.2
20°	14894.9	14899.1	14835.1	14822.3	14749.7	14625.8	14472.1	13759.0	12947.6	12085.0	11072.9
17.5°	15582.4	15757.5	15834.3	15198.0	15377.4	15236.5	15074.2	14079.2	13468.6	12704.2	11384.7
15°	16590.2	16526.1	16449.2	16415.1	16316.9	16184.5	15889.8	15095.6	14045.1	13255.1	12225.9
12.5°	16641.4	16517.6	16487.7	16483.4	16380.9	16197.3	15911.2	15253.6	14322.6	13361.8	12524.8
10°	16752.4	16624.3	16607.2	16628.6	16470.6	16355.3	16069.2	15458.5	14408.0	13545.4	12755.4
7.5°	16931.8	16718.3	16816.5	16752.4	16679.8	16496.2	16188.8	15590.9	14719.8	13788.8	12960.4
5°	16978.8	16743.9	16850.7	16790.9	16684.1	16504.8	16171.7	15676.3	14911.9	13887.1	13041.5
2.5°	16863.5	16795.1	16748.2	16637.1	16590.2	16393.7	16077.7	15548.2	14822.3	13844.4	13024.5
0°	16743.9	16803.7	16696.9	16585.9	16564.5	16406.5	16137.5	15659.2	15031.5	13963.9	13169.6
-2.5°	16769.5	16722.5	16650.0	16534.7	16423.6	16197.3	15953.9	15505.5	14830.8	13703.4	12964.7
-5°	16769.5	16551.7	16560.3	16564.5	16453.5	16218.7	15924.0	15543.9	14711.2	13699.2	12904.9
-7.5°	16445.0	16257.1	16227.2	16201.6	16171.7	15953.9	15723.3	15249.3	14510.5	13588.1	12738.3
-10°	15966.7	15783.1	15800.2	15761.7	15667.8	15522.6	15347.5	14920.5	14314.1	13238.0	12401.0
-12.5°	15368.9	15287.7	15240.7	15176.7	15082.7	14954.6	14775.3	14373.9	13724.8	12806.7	12012.4
-15°	14660.0	14600.2	14557.5	14519.1	14382.4	14250.0	14015.2	13643.7	13238.0	12251.5	11440.2
-17.5°	13951.1	13801.7	13741.9	13690.6	13600.9	13387.4	13173.9	12896.3	12328.4	11546.9	10850.9
-20°	13041.5	12951.9	12879.3	12810.9	12682.8	12516.3	12341.2	12020.9	11529.8	10897.8	10176.2

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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°	12089.3	12038.0	11978.2	11892.8	11807.4	11649.4	11406.0	11098.5	10714.2	10031.0	9356.3
-25°	11107.1	11008.9	10936.3	10855.1	10786.8	10641.6	10406.8	10112.1	9629.6	9040.3	8476.6
-27.5°	9949.8	9855.9	9817.5	9723.5	9663.7	9531.3	9296.5	9023.2	8587.6	8092.2	7520.0
-30°	8643.1	8660.2	8617.5	8527.8	8455.2	8284.4	8105.1	7874.5	7532.8	7058.8	6546.4
-32.5°	7434.6	7456.0	7404.7	7310.8	7216.8	7093.0	6926.4	6717.2	6461.0	6008.3	5564.2
-35°	6226.1	6217.6	6174.9	6119.4	6055.3	5952.8	5764.9	5606.9	5312.3	4996.3	4688.8
-37.5°	5141.5	5162.8	5150.0	5120.1	5047.5	4962.1	4808.4	4663.2	4445.4	4167.8	3928.7
-40°	4283.1	4308.7	4291.7	4261.8	4197.7	4146.5	4044.0	3915.9	3740.8	3501.7	3301.0
-42.5°	3625.5	3642.6	3621.2	3595.6	3540.1	3501.7	3420.5	3313.8	3168.6	2984.9	2805.6
-45°	3104.5	3108.8	3087.4	3070.4	3027.7	2980.7	2912.4	2826.9	2711.6	2583.5	2438.3
-47.5°	2694.6	2690.3	2668.9	2651.9	2617.7	2575.0	2519.5	2442.6	2352.9	2254.7	2139.4
-50°	2335.9	2357.2	2348.7	2331.6	2306.0	2276.1	2220.6	2139.4	2049.8	1977.2	1896.0
-52.5°	2088.2	2092.5	2088.2	2088.2	2083.9	2062.6	1998.5	1917.4	1819.2	1755.1	1686.8
-55°	1857.6	1878.9	1887.5	1896.0	1900.3	1900.3	1823.4	1738.0	1644.1	1580.0	1528.8
-57.5°	1669.7	1682.5	1691.0	1712.4	1729.5	1742.3	1674.0	1597.1	1524.5	1464.7	1417.7
-60°	1507.4	1524.5	1537.3	1558.7	1571.5	1580.0	1537.3	1486.1	1443.4	1404.9	1336.6
-62.5°	1362.2	1375.0	1387.9	1400.7	1413.5	1422.0	1404.9	1379.3	1358.0	1340.9	1255.5
-65°	1217.0	1229.9	1242.7	1259.7	1272.6	1281.1	1276.8	1259.7	1242.7	1225.6	1148.7
-67.5°	1084.7	1097.5	1114.6	1118.8	1127.4	1131.6	1123.1	1110.3	1088.9	1067.6	1007.8
-70°	943.7	952.3	960.8	960.8	960.8	956.6	948.0	930.9	909.6	879.7	832.7
-72.5°	815.6	824.2	832.7	819.9	811.4	798.5	785.7	764.4	743.0	721.7	696.1
-75°	696.1	700.3	700.3	683.3	670.4	657.6	640.5	627.7	606.4	589.3	568.0
-77.5°	555.1	555.1	555.1	542.3	533.8	525.2	512.4	499.6	482.5	469.7	452.7
-80°	431.3	431.3	431.3	427.0	414.2	405.7	397.1	388.6	375.8	367.2	358.7
-82.5°	328.8	328.8	328.8	324.5	316.0	311.7	303.2	294.7	290.4	281.8	277.6
-85°	239.1	243.4	243.4	239.1	234.9	226.3	222.1	217.8	213.5	209.2	200.7
-87.5°	162.3	162.3	162.3	158.0	153.7	153.7	149.5	140.9	132.4	128.1	123.8
-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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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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	12.8	12.8	12.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1	12.8
82.5°	21.4	21.4	25.6	25.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9
80°	21.4	25.6	29.9	34.2	38.4	42.7	42.7	42.7	42.7	38.4	38.4
77.5°	25.6	25.6	29.9	34.2	38.4	42.7	47.0	51.2	47.0	47.0	47.0
75°	25.6	29.9	29.9	34.2	38.4	42.7	47.0	51.2	51.2	51.2	51.2
72.5°	21.4	25.6	29.9	34.2	34.2	38.4	42.7	42.7	47.0	47.0	51.2
70°	21.4	25.6	29.9	29.9	34.2	34.2	38.4	42.7	42.7	47.0	47.0
67.5°	25.6	29.9	29.9	34.2	38.4	38.4	38.4	42.7	42.7	47.0	47.0
65°	29.9	34.2	34.2	38.4	42.7	42.7	47.0	47.0	47.0	51.2	51.2
62.5°	51.2	51.2	51.2	47.0	51.2	51.2	51.2	55.5	55.5	51.2	55.5
60°	264.8	192.2	132.4	166.5	149.5	68.3	68.3	68.3	64.1	64.1	59.8
57.5°	623.5	580.8	499.6	422.8	380.1	337.4	209.2	85.4	85.4	76.9	68.3
55°	1042.0	901.0	841.3	738.8	627.7	576.5	478.3	324.5	153.7	102.5	89.7
52.5°	1614.2	1481.8	1328.1	1118.8	969.4	849.8	768.7	610.7	410.0	217.8	136.7
50°	2160.8	2101.0	2007.0	1802.1	1490.3	1289.6	1157.3	977.9	734.5	448.4	256.2
47.5°	3480.3	2980.7	2677.5	2519.5	2259.0	1878.9	1622.7	1422.0	1127.4	755.8	452.7
45°	4381.3	4065.3	3582.8	3249.7	2865.4	2464.0	2130.9	1900.3	1550.1	1131.6	708.9
42.5°	5154.3	4881.0	4445.4	3958.6	3552.9	3027.7	2600.6	2297.4	2002.8	1545.9	1059.0
40°	6149.3	5824.7	5406.2	4932.2	4458.2	3787.8	3096.0	2728.7	2404.2	1998.5	1430.6
37.5°	7789.1	7216.8	6533.6	6008.3	5389.1	4821.2	3873.2	3224.1	2839.8	2417.0	1866.1
35°	9761.9	9134.2	7994.0	7298.0	6469.5	5624.0	4769.9	3809.1	3262.5	2814.1	2267.5
32.5°	11598.2	10680.1	9219.6	8404.0	7853.1	6294.4	5410.5	4577.8	3698.1	3147.2	2498.1
30°	12106.3	11094.3	10048.0	9095.8	8156.3	6896.6	5850.3	5201.2	4244.7	3347.9	2715.9
27.5°	11593.9	10897.8	10086.5	9202.5	8186.2	7105.8	6119.4	5500.2	4646.1	3484.6	2886.7
25°	11072.9	10347.0	9779.0	9040.3	8100.8	7093.0	6127.9	5688.1	4957.8	3749.3	2980.7
22.5°	10522.1	10069.4	9599.7	8775.5	7887.3	7131.4	6405.5	5850.3	5120.1	4048.3	3019.1
20°	10551.9	10257.3	9740.6	8638.8	7848.8	7357.8	6738.6	6055.3	5295.2	4308.7	3049.0
17.5°	11030.2	10645.9	9996.8	9040.3	8194.7	7588.3	7016.1	6337.1	5474.5	4539.3	3412.0
15°	11619.5	11034.5	10355.5	9514.3	8557.7	7840.3	7229.6	6533.6	5679.5	4752.9	3736.5
12.5°	12046.6	11213.8	10577.6	9817.5	8950.6	8113.6	7370.6	6683.0	5871.7	4927.9	3979.9
10°	12191.7	11435.9	10684.3	10005.3	9151.3	8258.8	7477.3	6777.0	6038.2	5064.6	4159.3
7.5°	12268.6	11628.1	10756.9	10090.8	9270.9	8348.5	7562.7	6828.2	6170.6	5158.5	4274.6
5°	12260.1	11730.6	10812.4	10116.4	9334.9	8386.9	7622.5	6841.0	6264.6	5239.7	4342.9
2.5°	12221.6	11798.9	10902.1	10159.1	9463.0	8459.5	7737.8	6866.7	6298.7	5329.4	4389.9
0°	12362.6	11803.1	10996.1	10171.9	9548.4	8485.1	7789.1	6845.3	6251.7	5355.0	4385.6
-2.5°	12059.4	11551.2	10974.7	10060.9	9433.1	8425.3	7695.1	6777.0	6149.3	5325.1	4368.5
-5°	12008.1	11367.6	10795.4	9958.4	9241.0	8301.5	7520.0	6648.9	5987.0	5226.9	4300.2
-7.5°	11871.5	11192.5	10620.3	9877.2	9061.6	8173.4	7353.5	6516.5	5811.9	5073.1	4202.0
-10°	11572.5	10923.5	10432.4	9702.2	8843.8	7989.8	7152.8	6341.4	5606.9	4863.9	4048.3
-12.5°	11145.5	10496.4	10009.6	9330.6	8570.5	7742.1	6913.6	6115.1	5372.1	4641.8	3864.6
-15°	10663.0	10005.3	9518.5	8899.3	8164.8	7357.8	6610.4	5829.0	5103.0	4407.0	3646.8
-17.5°	10116.4	9492.9	9023.2	8421.1	7690.8	6922.2	6179.1	5470.3	4791.3	4163.6	3394.9
-20°	9484.4	8878.0	8446.7	7844.6	7174.1	6426.8	5705.1	5034.7	4424.0	3834.7	3117.3

REPORT NUMBER: P722386

CATALOG NUMBER: IFLD-L-SA7B-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°	8702.9	8169.1	7678.0	7140.0	6554.9	5871.7	5201.2	4607.7	4022.6	3446.1	2831.2
-25°	7904.4	7387.6	6909.4	6418.3	5858.9	5269.6	4697.3	4159.3	3587.1	3066.1	2553.6
-27.5°	7016.1	6554.9	6127.9	5675.2	5162.8	4654.6	4184.9	3659.7	3164.3	2720.2	2280.3
-30°	6068.1	5692.3	5320.8	4919.4	4505.2	4078.1	3659.7	3164.3	2775.7	2421.3	2049.8
-32.5°	5158.5	4821.2	4522.3	4223.3	3864.6	3514.5	3143.0	2775.7	2451.2	2139.4	1827.7
-35°	4360.0	4001.3	3834.7	3595.6	3309.5	2993.5	2690.3	2434.1	2173.6	1891.7	1614.2
-37.5°	3668.2	3437.6	3241.2	3061.8	2835.5	2562.2	2344.4	2135.2	1917.4	1661.2	1422.0
-40°	3125.9	2959.3	2762.9	2630.5	2446.9	2250.5	2032.7	1857.6	1674.0	1464.7	1268.3
-42.5°	2690.3	2553.6	2425.5	2284.6	2148.0	1981.4	1793.5	1627.0	1460.4	1306.7	1144.4
-45°	2331.6	2233.4	2130.9	2015.6	1896.0	1750.8	1597.1	1426.3	1306.7	1170.1	1033.4
-47.5°	2036.9	1964.3	1878.9	1789.3	1686.8	1558.7	1417.7	1293.9	1170.1	1054.8	922.4
-50°	1802.1	1733.7	1665.4	1588.6	1498.9	1387.9	1281.1	1165.8	1050.5	939.5	815.6
-52.5°	1605.6	1545.9	1490.3	1426.3	1340.9	1246.9	1148.7	1046.2	939.5	828.4	730.2
-55°	1469.0	1400.7	1345.1	1281.1	1204.2	1114.6	1024.9	930.9	828.4	743.0	661.9
-57.5°	1358.0	1281.1	1217.0	1148.7	1071.8	995.0	913.8	828.4	751.6	670.4	593.6
-60°	1264.0	1174.3	1101.7	1033.4	960.8	888.2	819.9	747.3	674.7	602.1	525.2
-62.5°	1165.8	1071.8	982.2	918.1	862.6	798.5	738.8	670.4	606.4	533.8	478.3
-65°	1054.8	965.1	879.7	824.2	772.9	717.4	661.9	602.1	546.6	491.1	439.8
-67.5°	930.9	854.1	794.3	743.0	691.8	644.8	593.6	542.3	495.4	439.8	388.6
-70°	781.5	738.8	704.6	666.2	619.2	576.5	529.5	482.5	431.3	384.3	337.4
-72.5°	666.2	640.5	614.9	576.5	533.8	495.4	456.9	414.2	371.5	328.8	290.4
-75°	546.6	525.2	503.9	478.3	444.1	414.2	380.1	341.6	307.5	277.6	247.7
-77.5°	439.8	422.8	410.0	388.6	363.0	337.4	316.0	290.4	264.8	234.9	205.0
-80°	350.2	341.6	337.4	328.8	307.5	286.1	269.0	247.7	222.1	200.7	179.4
-82.5°	273.3	273.3	269.0	264.8	247.7	230.6	217.8	200.7	183.6	166.5	145.2
-85°	200.7	196.4	196.4	192.2	179.4	170.8	158.0	149.5	136.7	119.6	111.0
-87.5°	119.6	115.3	111.0	106.8	98.2	93.9	85.4	81.1	72.6	64.1	59.8
-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: P722386

CATALOG NUMBER: IFLD-L-SA7B-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	12.8	8.5	8.5	8.5	8.5	8.5	4.3	4.3	4.3	4.3	4.3
82.5°	25.6	25.6	21.4	21.4	17.1	12.8	8.5	8.5	8.5	4.3	4.3
80°	38.4	38.4	38.4	34.2	29.9	21.4	17.1	12.8	8.5	4.3	4.3
77.5°	47.0	42.7	42.7	38.4	38.4	34.2	25.6	21.4	12.8	8.5	4.3
75°	47.0	47.0	47.0	42.7	42.7	38.4	34.2	25.6	21.4	12.8	8.5
72.5°	51.2	47.0	47.0	47.0	42.7	38.4	34.2	29.9	25.6	17.1	8.5
70°	47.0	47.0	47.0	47.0	42.7	42.7	34.2	29.9	29.9	17.1	12.8
67.5°	47.0	47.0	47.0	42.7	42.7	38.4	34.2	29.9	29.9	21.4	12.8
65°	51.2	47.0	47.0	47.0	42.7	38.4	34.2	29.9	29.9	25.6	17.1
62.5°	55.5	51.2	51.2	47.0	42.7	38.4	34.2	29.9	29.9	25.6	17.1
60°	59.8	55.5	51.2	51.2	47.0	42.7	34.2	34.2	29.9	25.6	17.1
57.5°	64.1	59.8	59.8	55.5	51.2	47.0	38.4	34.2	29.9	25.6	21.4
55°	76.9	68.3	64.1	64.1	59.8	51.2	42.7	34.2	29.9	25.6	21.4
52.5°	102.5	81.1	72.6	72.6	68.3	59.8	47.0	38.4	29.9	25.6	21.4
50°	162.3	102.5	85.4	76.9	76.9	68.3	55.5	42.7	29.9	25.6	21.4
47.5°	256.2	170.8	102.5	89.7	85.4	81.1	64.1	42.7	34.2	25.6	21.4
45°	422.8	251.9	166.5	106.8	89.7	85.4	72.6	47.0	34.2	29.9	21.4
42.5°	580.8	392.9	256.2	128.1	106.8	93.9	76.9	51.2	38.4	29.9	21.4
40°	913.8	538.1	358.7	209.2	123.8	98.2	85.4	59.8	38.4	29.9	21.4
37.5°	1238.4	713.1	482.5	307.5	140.9	111.0	89.7	64.1	42.7	29.9	25.6
35°	1562.9	999.3	597.8	410.0	187.9	132.4	93.9	68.3	42.7	29.9	25.6
32.5°	1853.3	1268.3	717.4	512.4	281.8	158.0	102.5	72.6	47.0	34.2	25.6
30°	2092.5	1516.0	930.9	602.1	367.2	192.2	111.0	72.6	51.2	34.2	25.6
27.5°	2271.8	1708.1	1148.7	696.1	439.8	226.3	128.1	81.1	51.2	34.2	25.6
25°	2417.0	1857.6	1340.9	794.3	503.9	281.8	153.7	85.4	55.5	38.4	25.6
22.5°	2532.3	1981.4	1498.9	926.7	580.8	337.4	187.9	93.9	55.5	38.4	25.6
20°	2690.3	2105.3	1605.6	1067.6	661.9	388.6	217.8	102.5	55.5	38.4	29.9
17.5°	2826.9	2229.1	1691.0	1187.1	743.0	427.0	251.9	111.0	59.8	38.4	29.9
15°	2984.9	2348.7	1767.9	1281.1	819.9	461.2	281.8	119.6	59.8	42.7	29.9
12.5°	3155.8	2459.7	1823.4	1358.0	901.0	491.1	307.5	136.7	64.1	42.7	29.9
10°	3330.8	2553.6	1870.4	1413.5	960.8	521.0	324.5	153.7	68.3	42.7	29.9
7.5°	3505.9	2639.1	1930.2	1439.1	986.4	555.1	333.1	170.8	68.3	47.0	29.9
5°	3625.5	2694.6	2015.6	1456.2	999.3	593.6	345.9	192.2	72.6	47.0	29.9
2.5°	3728.0	2728.7	2105.3	1469.0	1003.5	614.9	341.6	205.0	76.9	47.0	29.9
0°	3775.0	2728.7	2165.0	1460.4	990.7	636.3	341.6	217.8	76.9	47.0	29.9
-2.5°	3702.4	2805.6	2148.0	1464.7	995.0	636.3	358.7	222.1	85.4	51.2	29.9
-5°	3587.1	2835.5	2096.7	1443.4	986.4	636.3	380.1	226.3	89.7	51.2	34.2
-7.5°	3476.0	2848.3	2036.9	1422.0	973.6	619.2	384.3	222.1	98.2	55.5	34.2
-10°	3330.8	2707.4	1960.1	1383.6	948.0	606.4	392.9	222.1	102.5	55.5	34.2
-12.5°	3164.3	2536.6	1866.1	1328.1	918.1	593.6	397.1	222.1	106.8	59.8	34.2
-15°	2972.1	2361.5	1759.4	1268.3	875.4	576.5	388.6	217.8	111.0	59.8	38.4
-17.5°	2754.4	2190.7	1648.3	1195.7	828.4	555.1	371.5	213.5	111.0	59.8	38.4
-20°	2506.7	2019.9	1524.5	1123.1	772.9	529.5	354.4	205.0	111.0	59.8	38.4



REPORT NUMBER: P722386

CATALOG NUMBER: IFLD-L-SA7B-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°	2284.6	1861.9	1396.4	1042.0	713.1	499.6	333.1	196.4	111.0	64.1	38.4
-25°	2101.0	1708.1	1298.2	960.8	649.1	465.5	311.7	187.9	111.0	64.1	38.4
-27.5°	1908.8	1541.6	1195.7	884.0	606.4	435.6	290.4	179.4	106.8	64.1	38.4
-30°	1712.4	1379.3	1088.9	798.5	563.7	405.7	273.3	166.5	106.8	64.1	38.4
-32.5°	1533.0	1246.9	990.7	713.1	516.7	375.8	256.2	162.3	102.5	64.1	38.4
-35°	1358.0	1127.4	888.2	644.8	465.5	345.9	239.1	158.0	102.5	64.1	38.4
-37.5°	1212.8	1016.3	794.3	597.8	435.6	320.3	222.1	149.5	98.2	64.1	38.4
-40°	1093.2	913.8	704.6	546.6	410.0	294.7	205.0	145.2	98.2	64.1	38.4
-42.5°	982.2	815.6	649.1	503.9	384.3	277.6	192.2	140.9	93.9	64.1	38.4
-45°	884.0	730.2	593.6	465.5	354.4	256.2	183.6	132.4	89.7	64.1	42.7
-47.5°	785.7	670.4	542.3	431.3	324.5	230.6	175.1	128.1	85.4	59.8	42.7
-50°	708.9	606.4	499.6	392.9	294.7	222.1	166.5	119.6	85.4	59.8	42.7
-52.5°	640.5	546.6	452.7	354.4	269.0	209.2	158.0	111.0	81.1	59.8	42.7
-55°	576.5	491.1	405.7	316.0	251.9	196.4	145.2	102.5	81.1	59.8	42.7
-57.5°	512.4	439.8	358.7	286.1	230.6	183.6	136.7	102.5	81.1	59.8	42.7
-60°	461.2	392.9	324.5	264.8	213.5	166.5	123.8	98.2	76.9	59.8	42.7
-62.5°	418.5	354.4	294.7	239.1	196.4	149.5	119.6	98.2	76.9	59.8	38.4
-65°	375.8	320.3	264.8	217.8	175.1	140.9	115.3	93.9	76.9	59.8	38.4
-67.5°	333.1	281.8	239.1	192.2	162.3	136.7	111.0	93.9	72.6	55.5	38.4
-70°	290.4	247.7	209.2	179.4	153.7	128.1	106.8	89.7	72.6	51.2	34.2
-72.5°	256.2	217.8	187.9	166.5	145.2	123.8	102.5	85.4	68.3	47.0	29.9
-75°	217.8	192.2	170.8	149.5	132.4	115.3	98.2	76.9	59.8	42.7	29.9
-77.5°	183.6	166.5	149.5	136.7	119.6	102.5	85.4	68.3	55.5	38.4	25.6
-80°	158.0	145.2	132.4	119.6	106.8	89.7	76.9	59.8	47.0	34.2	21.4
-82.5°	128.1	119.6	106.8	98.2	89.7	76.9	64.1	51.2	34.2	25.6	17.1
-85°	98.2	89.7	85.4	76.9	68.3	55.5	42.7	34.2	25.6	17.1	8.5
-87.5°	51.2	47.0	42.7	38.4	34.2	25.6	21.4	17.1	12.8	8.5	4.3
-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: P722386

CATALOG NUMBER: IFLD-L-SA7B-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.5	4.3	0.0	0.0
65°	8.5	4.3	0.0	0.0
62.5°	8.5	4.3	0.0	0.0
60°	8.5	4.3	0.0	0.0
57.5°	12.8	4.3	4.3	0.0
55°	12.8	4.3	4.3	0.0
52.5°	12.8	4.3	4.3	0.0
50°	12.8	8.5	4.3	0.0
47.5°	12.8	8.5	4.3	0.0
45°	12.8	8.5	4.3	0.0
42.5°	12.8	8.5	4.3	0.0
40°	17.1	8.5	4.3	0.0
37.5°	17.1	8.5	4.3	0.0
35°	17.1	8.5	4.3	0.0
32.5°	17.1	8.5	4.3	0.0
30°	17.1	12.8	4.3	0.0
27.5°	17.1	12.8	4.3	0.0
25°	17.1	12.8	4.3	0.0
22.5°	21.4	12.8	4.3	0.0
20°	21.4	12.8	4.3	0.0
17.5°	21.4	12.8	4.3	0.0
15°	21.4	12.8	4.3	0.0
12.5°	21.4	12.8	4.3	0.0
10°	21.4	12.8	4.3	0.0
7.5°	21.4	12.8	4.3	0.0
5°	21.4	12.8	4.3	0.0
2.5°	21.4	12.8	4.3	0.0
0°	21.4	12.8	4.3	0.0
-2.5°	21.4	12.8	4.3	0.0
-5°	21.4	12.8	4.3	0.0
-7.5°	21.4	12.8	4.3	0.0
-10°	21.4	12.8	4.3	0.0
-12.5°	25.6	12.8	4.3	0.0
-15°	25.6	12.8	4.3	0.0
-17.5°	25.6	12.8	4.3	0.0
-20°	25.6	12.8	4.3	0.0

REPORT NUMBER: P722386

CATALOG NUMBER: IFLD-L-SA7B-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.6	12.8	4.3	0.0
-25°	25.6	12.8	4.3	0.0
-27.5°	25.6	12.8	4.3	0.0
-30°	25.6	12.8	4.3	0.0
-32.5°	25.6	12.8	4.3	0.0
-35°	25.6	12.8	4.3	0.0
-37.5°	25.6	12.8	4.3	0.0
-40°	25.6	12.8	4.3	0.0
-42.5°	21.4	12.8	4.3	0.0
-45°	25.6	12.8	4.3	0.0
-47.5°	25.6	12.8	4.3	0.0
-50°	25.6	12.8	4.3	0.0
-52.5°	25.6	12.8	4.3	0.0
-55°	25.6	12.8	4.3	0.0
-57.5°	25.6	12.8	4.3	0.0
-60°	25.6	12.8	4.3	0.0
-62.5°	21.4	12.8	4.3	0.0
-65°	21.4	8.5	4.3	0.0
-67.5°	21.4	8.5	4.3	0.0
-70°	21.4	8.5	4.3	0.0
-72.5°	17.1	8.5	4.3	0.0
-75°	17.1	8.5	4.3	0.0
-77.5°	12.8	4.3	0.0	0.0
-80°	12.8	4.3	0.0	0.0
-82.5°	8.5	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)