

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: P722146

Luminaire Tested: **IFLD-S-SA6D-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722146
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

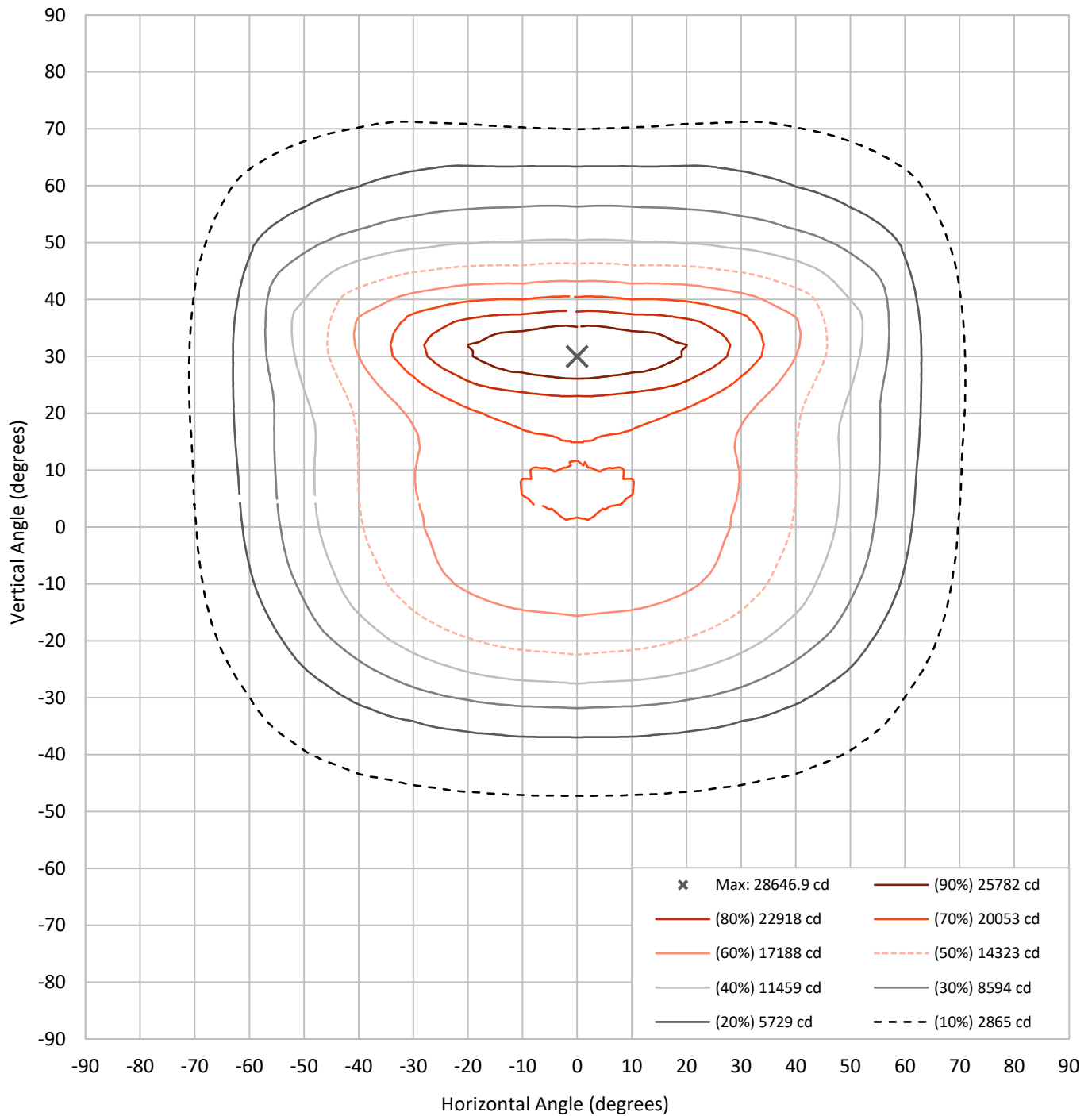
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	47818.8 lumens	Max Intensity:	28646.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	27807.2 lumens	Field Lumens:	44812.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2
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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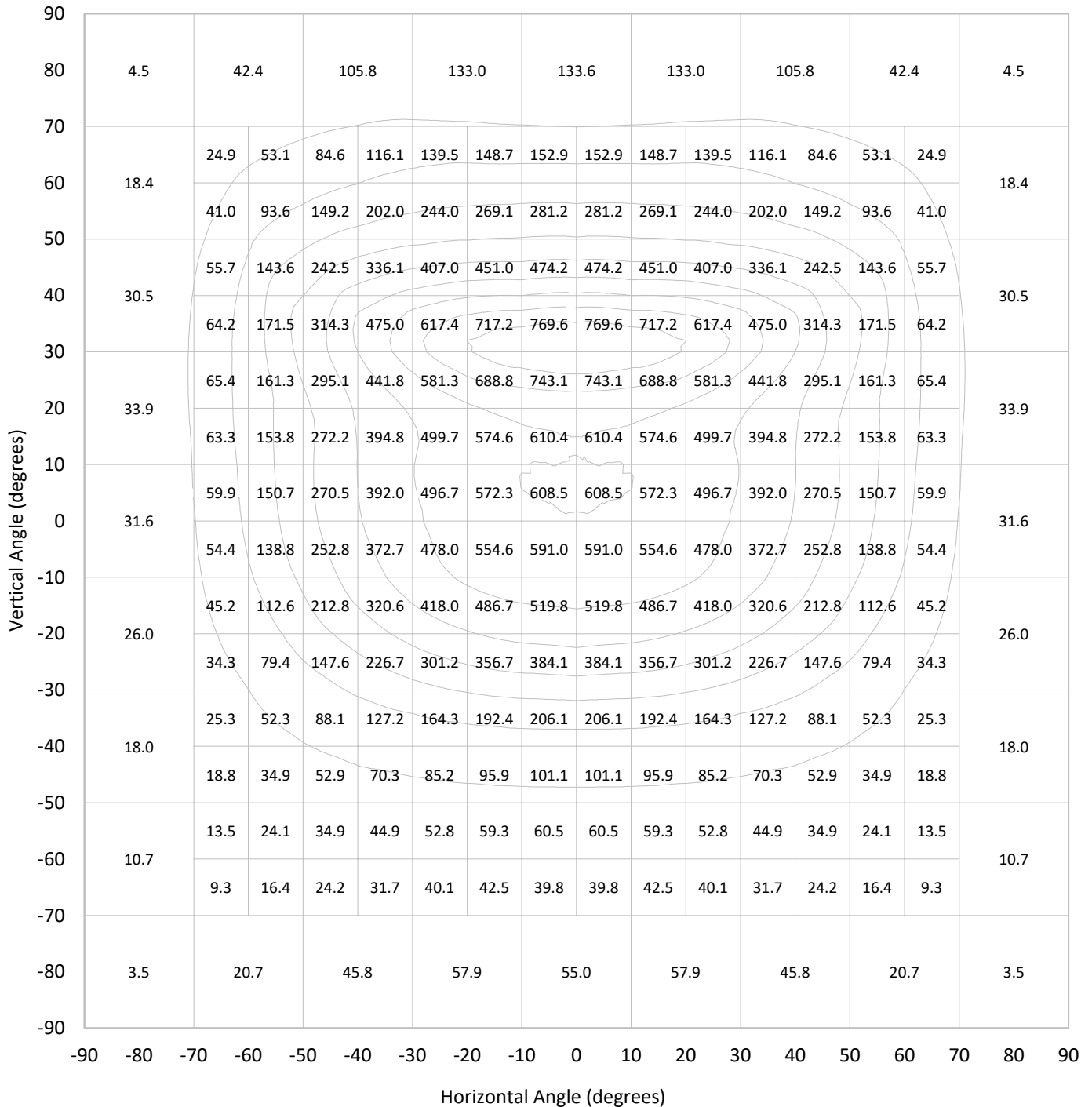
Iso-Candela Plot





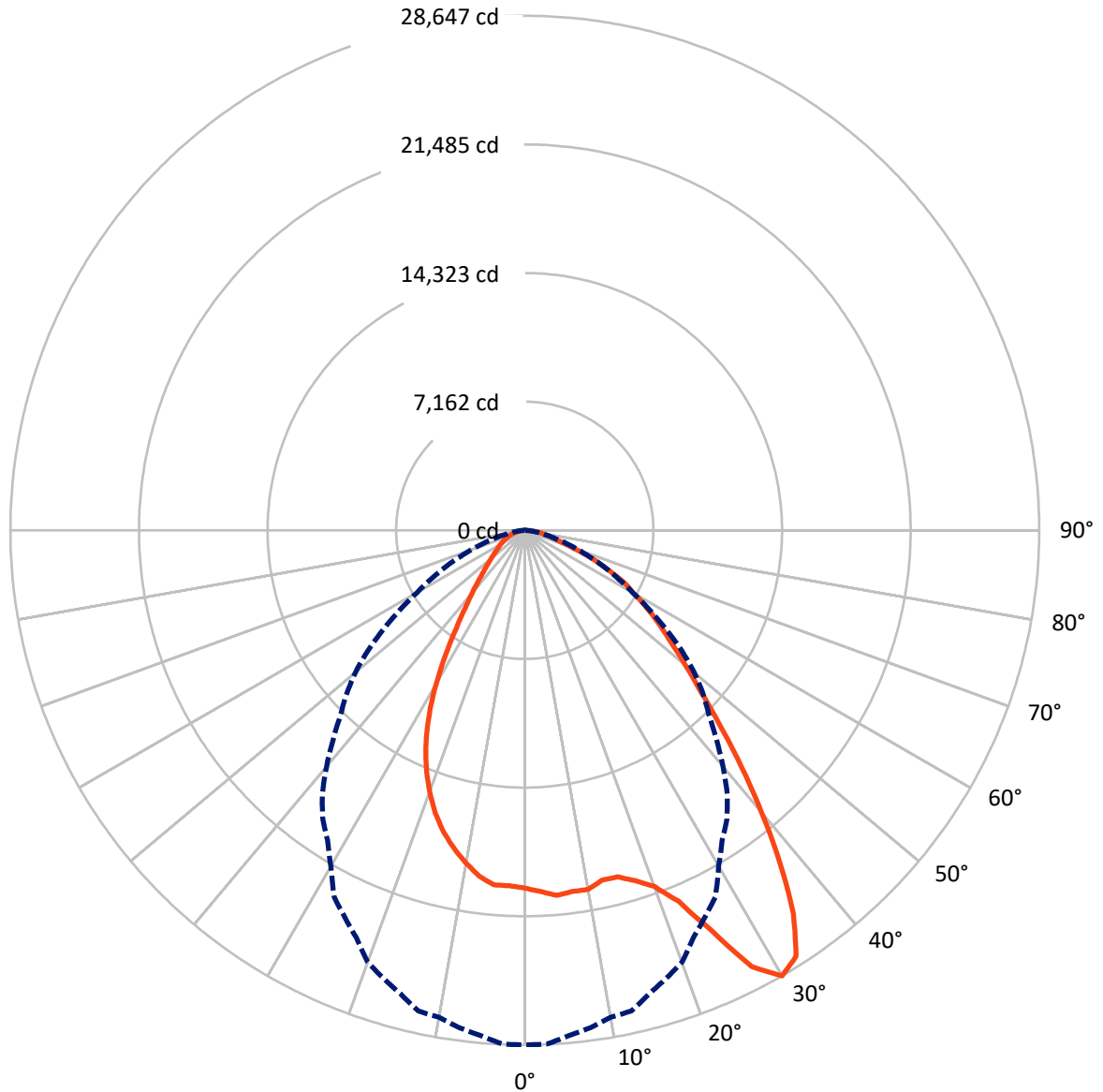
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Lumen Table



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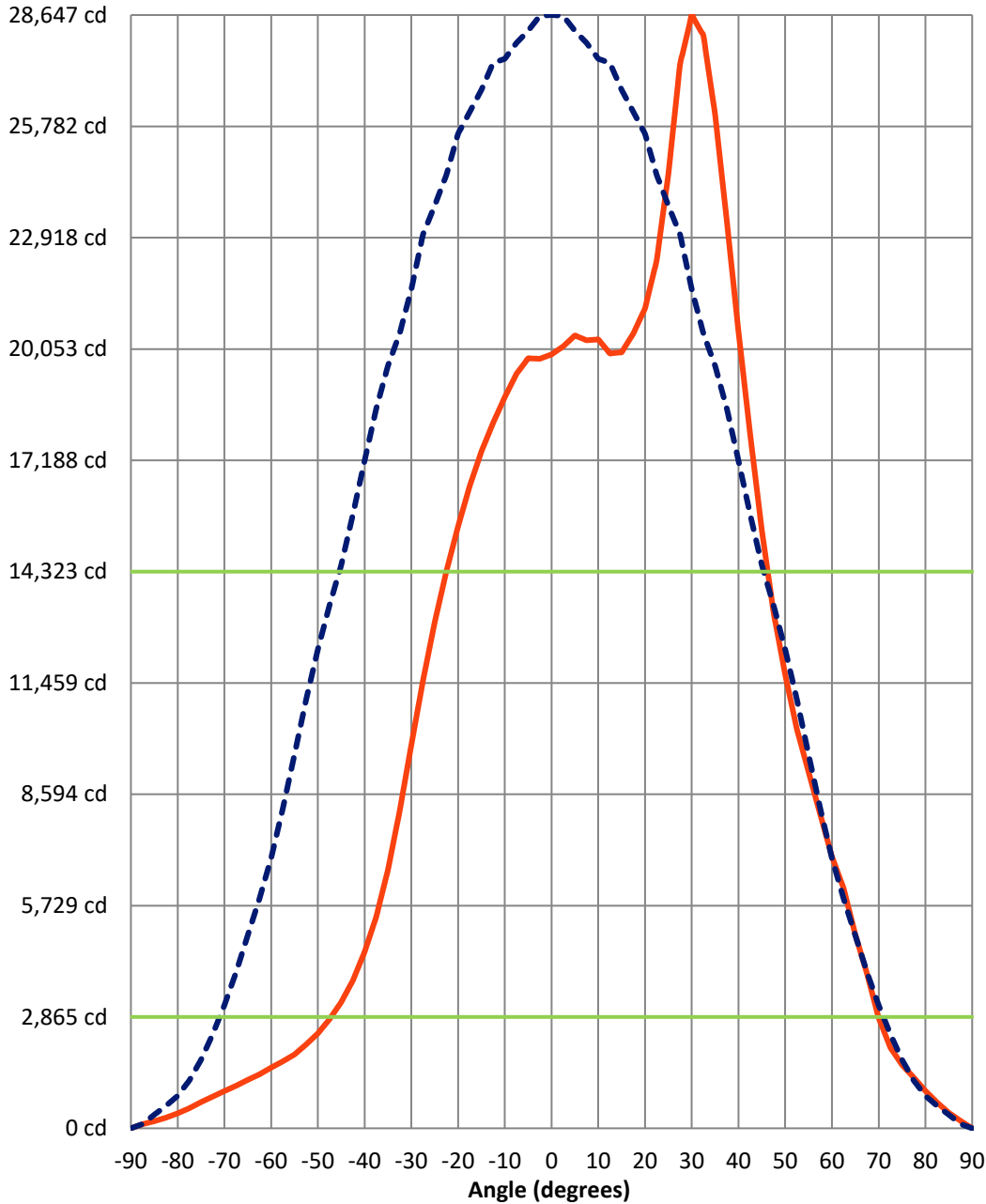
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 27807.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 44812.4
 Efficiency: 93.7%

Spill:
 Lumens: 3006.4
 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°	192.5	197.6	202.6	202.6	197.6	197.6	197.6	192.5	197.6	197.6	197.6
85°	400.2	410.3	420.5	415.4	410.3	400.2	390.1	395.1	400.2	405.3	405.3
82.5°	663.6	678.8	688.9	683.9	673.7	663.6	653.5	658.5	668.7	673.7	673.7
80°	962.5	967.6	972.6	982.8	967.6	967.6	962.5	982.8	992.9	1003.0	1013.2
77.5°	1307.0	1312.0	1312.0	1317.1	1322.2	1327.2	1327.2	1362.7	1388.0	1403.2	1418.4
75°	1631.2	1646.4	1661.6	1676.8	1697.0	1707.2	1722.4	1773.0	1813.5	1843.9	1874.3
72.5°	2077.0	2097.2	2122.6	2158.0	2193.5	2218.8	2254.3	2315.1	2360.6	2391.0	2426.5
70°	2841.9	2862.2	2887.5	2912.8	2948.3	2973.6	3009.1	3085.0	3130.6	3150.9	3171.2
67.5°	3976.6	4027.3	4072.9	4022.2	3996.9	3961.4	3971.6	4042.5	4088.1	4118.5	4113.4
65°	4984.7	5020.2	5020.2	5015.1	4994.8	4949.2	4974.6	5060.7	5111.4	5136.7	5060.7
62.5°	6170.1	6170.1	6144.8	6185.3	6190.4	6160.0	6144.8	6149.8	6154.9	6170.1	6043.5
60°	6990.7	7041.4	7056.6	7092.1	7102.2	7102.2	7127.5	7147.8	7147.8	7117.4	6970.5
57.5°	8074.8	8171.1	8191.3	8166.0	8115.3	8049.5	8039.4	8009.0	7948.2	7887.4	7816.5
55°	9169.0	9219.7	9214.6	9199.4	9148.8	9072.8	9082.9	9042.4	8946.1	8870.1	8773.9
52.5°	10268.3	10389.9	10410.1	10379.7	10308.8	10227.8	10232.8	10187.2	10091.0	10009.9	9878.2
50°	11671.5	11772.8	11762.7	11712.0	11610.7	11549.9	11555.0	11468.9	11357.4	11332.1	11159.9
47.5°	13277.4	13393.9	13373.6	13302.7	13165.9	13140.6	13165.9	13054.5	12988.6	12932.9	12730.3
45°	15384.7	15521.5	15445.5	15308.7	15090.9	15116.2	15151.7	15131.4	14989.6	14842.7	14584.3
42.5°	17856.8	17942.9	17851.7	17715.0	17441.4	17492.1	17471.8	17350.2	17264.1	17021.0	16691.7
40°	20501.1	20688.6	20546.7	20334.0	20050.3	20126.3	20070.5	19913.5	19710.9	19406.9	18991.5
37.5°	23353.2	23500.1	23338.0	23089.7	22836.4	22811.1	22699.7	22456.5	22167.8	21833.4	21169.8
35°	26083.6	26463.5	26164.7	25769.5	25460.5	25344.0	25237.6	24675.3	24346.0	23804.0	22897.2
32.5°	28115.0	28393.6	28023.8	27613.5	27238.6	27076.5	26701.6	26032.9	25855.6	24715.8	23885.1
30°	28646.9	28626.6	28241.6	27927.5	27522.3	27410.8	26721.9	26154.5	25587.2	24533.5	23743.2
27.5°	27380.4	27253.8	26884.0	26610.4	26210.2	26078.5	25399.7	25095.8	24219.4	23327.8	22659.1
25°	24558.8	24624.7	24346.0	24209.3	23945.8	23662.2	23393.7	22983.4	22436.3	21656.1	21043.2
22.5°	22334.9	22421.1	22304.5	22142.4	21939.8	21782.8	21580.1	21261.0	20734.2	20252.9	19675.4
20°	21098.9	21073.6	20972.2	20850.7	20658.2	20546.7	20323.8	20055.3	19650.1	19234.7	18611.6
17.5°	20450.5	20293.4	20197.2	20151.6	20050.3	19908.4	19645.0	19371.5	19057.4	18586.3	18130.4
15°	19969.2	19994.6	19918.6	19883.1	19802.1	19604.5	19336.0	19113.1	18687.6	18449.5	18034.1
12.5°	19938.8	19913.5	19918.6	19903.4	19802.1	19548.8	19412.0	19128.3	18854.8	18540.7	18064.5
10°	20298.5	20030.0	20050.3	20121.2	19959.1	19756.5	19609.6	19300.5	19042.2	18642.0	18170.9
7.5°	20278.2	20141.5	20182.0	20065.5	20116.1	19867.9	19665.3	19356.3	19032.1	18606.5	18181.0
5°	20399.8	20192.1	20156.7	20166.8	20040.1	19852.7	19579.2	19285.3	18981.4	18505.2	18069.6
2.5°	20121.2	20151.6	19989.5	19928.7	19913.5	19599.4	19346.1	19062.5	18748.4	18327.9	17937.9
0°	19913.5	19969.2	19802.1	19715.9	19710.9	19442.4	19280.3	18956.1	18733.2	18383.6	17912.5
-2.5°	19802.1	19867.9	19888.2	19731.1	19579.2	19371.5	19097.9	18748.4	18383.6	17978.4	17573.1
-5°	19812.2	19680.5	19624.8	19675.4	19543.7	19336.0	19032.1	18723.1	18363.4	17927.7	17421.2
-7.5°	19412.0	19280.3	19270.2	19244.8	19214.4	19016.9	18763.6	18429.2	18064.5	17659.2	17188.1
-10°	18814.2	18718.0	18692.7	18667.3	18586.3	18469.8	18231.7	17927.7	17598.5	17193.2	16691.7
-12.5°	18150.6	18105.0	18008.8	17942.9	17861.9	17725.1	17497.1	17218.5	16889.2	16529.6	16099.0
-15°	17416.1	17330.0	17233.7	17178.0	17061.5	16899.4	16671.4	16413.1	16053.4	15698.8	15293.5
-17.5°	16529.6	16423.2	16316.8	16301.6	16220.6	15972.3	15759.6	15445.5	15131.4	14792.0	14396.9
-20°	15486.0	15339.1	15268.2	15227.7	15116.2	14933.9	14705.9	14417.2	14113.2	13789.0	13333.1



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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°	14331.0	14204.4	14082.8	14006.8	13910.6	13768.7	13550.9	13297.6	12998.7	12634.0	12213.5
-25°	13019.0	12841.7	12765.7	12679.6	12628.9	12497.2	12284.5	12051.4	11742.4	11387.8	10987.6
-27.5°	11519.5	11377.7	11337.2	11215.6	11154.8	11018.0	10840.7	10622.9	10339.2	10004.9	9675.6
-30°	9863.0	9776.9	9711.1	9589.5	9543.9	9397.0	9280.5	9098.1	8839.8	8601.7	8338.2
-32.5°	8160.9	8074.8	8054.6	7998.8	7968.4	7872.2	7740.5	7608.8	7401.1	7223.8	7011.0
-35°	6651.3	6590.6	6595.6	6590.6	6560.2	6489.2	6327.1	6291.7	6139.7	5977.6	5840.8
-37.5°	5445.7	5450.8	5445.7	5440.6	5400.1	5369.7	5253.2	5207.6	5116.4	4959.4	4878.3
-40°	4538.9	4549.1	4544.0	4533.9	4488.3	4473.1	4397.1	4336.3	4300.8	4189.4	4103.3
-42.5°	3804.4	3819.6	3814.5	3809.5	3779.1	3774.0	3733.5	3662.5	3642.3	3576.4	3485.2
-45°	3247.2	3242.1	3232.0	3242.1	3226.9	3211.7	3186.4	3140.8	3115.4	3085.0	3009.1
-47.5°	2806.4	2811.5	2801.4	2801.4	2781.1	2765.9	2755.8	2725.4	2705.1	2679.8	2634.2
-50°	2441.7	2462.0	2456.9	2451.8	2436.6	2426.5	2426.5	2396.1	2365.7	2355.6	2325.2
-52.5°	2158.0	2173.2	2178.3	2188.4	2193.5	2198.5	2183.3	2152.9	2102.3	2097.2	2082.0
-55°	1899.7	1945.3	1975.6	1995.9	2016.2	2031.4	2001.0	1960.4	1909.8	1889.5	1884.5
-57.5°	1722.4	1768.0	1803.4	1833.8	1859.1	1884.5	1854.1	1813.5	1768.0	1742.6	1737.6
-60°	1560.3	1600.8	1636.2	1676.8	1712.2	1752.8	1737.6	1707.2	1681.8	1661.6	1641.3
-62.5°	1388.0	1428.5	1469.1	1519.7	1565.3	1605.8	1610.9	1605.8	1600.8	1605.8	1570.4
-65°	1246.2	1266.4	1291.8	1347.5	1398.1	1443.7	1469.1	1484.3	1509.6	1534.9	1499.5
-67.5°	1094.2	1119.5	1149.9	1190.5	1231.0	1261.4	1296.8	1337.4	1377.9	1418.4	1393.1
-70°	957.4	977.7	1003.0	1023.3	1048.6	1068.9	1099.3	1144.9	1190.5	1231.0	1220.8
-72.5°	815.6	835.9	851.0	861.2	876.4	886.5	901.7	942.2	972.6	992.9	992.9
-75°	673.7	694.0	709.2	714.3	724.4	729.5	739.6	754.8	770.0	775.1	780.1
-77.5°	516.7	537.0	552.2	562.3	572.4	582.6	587.6	597.8	602.8	602.8	607.9
-80°	385.0	400.2	410.3	425.5	430.6	440.7	450.9	455.9	461.0	461.0	466.0
-82.5°	273.6	283.7	293.8	303.9	314.1	319.1	329.3	334.3	339.4	344.5	349.5
-85°	182.4	192.5	202.6	212.8	217.8	222.9	228.0	233.0	238.1	243.2	248.2
-87.5°	106.4	111.4	116.5	126.6	131.7	141.8	146.9	141.8	146.9	146.9	146.9
-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°	197.6	197.6	197.6	197.6	192.5	182.4	177.3	167.2	157.0	146.9	136.8
85°	410.3	415.4	415.4	415.4	405.3	400.2	385.0	369.8	349.5	319.1	293.8
82.5°	683.9	688.9	688.9	683.9	673.7	658.5	638.3	613.0	572.4	531.9	496.4
80°	1028.3	1033.4	1033.4	1028.3	1003.0	977.7	952.4	922.0	871.3	815.6	754.8
77.5°	1438.7	1448.8	1448.8	1433.6	1398.1	1367.8	1327.2	1276.6	1200.6	1119.5	1038.5
75°	1914.9	1940.2	1945.3	1930.1	1884.5	1828.7	1762.9	1676.8	1560.3	1458.9	1362.7
72.5°	2467.0	2492.4	2512.6	2492.4	2426.5	2350.5	2254.3	2152.9	2036.4	1899.7	1737.6
70°	3191.4	3216.8	3232.0	3166.1	3049.6	2922.9	2806.4	2689.9	2553.1	2386.0	2208.7
67.5°	4103.3	4077.9	4047.5	3915.8	3768.9	3617.0	3454.8	3282.6	3105.3	2928.0	2720.3
65°	4979.6	4908.7	4842.9	4685.8	4498.4	4300.8	4113.4	3920.9	3708.1	3485.2	3287.7
62.5°	5901.6	5749.6	5587.5	5395.0	5202.5	4984.7	4797.3	4569.3	4331.2	4057.7	3804.4
60°	6808.4	6626.0	6463.9	6225.8	5972.5	5678.7	5476.1	5253.2	4974.6	4680.8	4381.9
57.5°	7684.8	7487.2	7309.9	7102.2	6828.6	6509.5	6286.6	5997.9	5704.0	5334.2	5030.3
55°	8616.9	8419.3	8277.5	8044.4	7745.5	7451.7	7208.6	6904.6	6494.3	6099.2	5724.3
52.5°	9685.7	9528.7	9376.7	9138.6	8779.0	8480.1	8211.6	7872.2	7441.6	6955.3	6504.4
50°	10881.3	10800.2	10638.1	10359.5	9949.2	9685.7	9331.1	8880.3	8419.3	7907.7	7345.4
47.5°	12466.8	12335.1	12107.2	11803.2	11458.8	11063.6	10587.4	10060.6	9407.1	8839.8	8242.0
45°	14361.4	14118.3	13824.5	13414.1	12988.6	12542.8	12021.0	11352.4	10476.0	9736.4	9108.2
42.5°	16413.1	16083.8	15683.6	15146.6	14594.5	14047.4	13485.1	12573.2	11479.0	10628.0	9918.8
40°	18555.9	18135.4	17633.9	16853.8	16240.8	15536.7	14893.3	13530.6	12365.5	11443.6	10688.8
37.5°	20653.1	20121.2	19280.3	18333.0	17618.7	17041.2	15627.9	14168.9	13125.4	12112.2	11347.3
35°	22259.0	21808.1	20323.8	19341.1	18728.1	17816.3	16048.3	14553.9	13449.6	12608.7	11418.2
32.5°	23211.3	22046.2	20744.3	19751.4	19244.8	17750.4	16078.7	14665.4	13601.6	12659.3	11235.9
30°	22998.6	21590.3	20450.5	19619.7	18520.4	17178.0	15795.0	14493.1	13459.7	12319.9	11033.2
27.5°	21716.9	20627.8	19609.6	18743.3	17664.3	16458.7	15182.1	14037.2	13074.7	11970.4	10754.6
25°	20268.1	19280.3	18525.5	17770.7	16747.4	15597.5	14472.9	13647.2	12679.6	11590.5	10389.9
22.5°	18935.8	18226.6	17633.9	16843.7	15845.7	14842.7	14143.6	13287.5	12294.6	11190.3	10015.0
20°	18084.8	17603.5	16924.7	16053.4	15268.2	14640.0	13865.0	12958.2	11934.9	10779.9	9695.9
17.5°	17674.4	17117.2	16362.4	15795.0	15192.2	14503.3	13637.0	12674.5	11585.4	10592.5	9731.3
15°	17461.7	16874.0	16377.6	15820.4	15141.6	14417.2	13454.7	12456.7	11585.4	10668.5	9756.7
12.5°	17507.3	17000.7	16458.7	15850.8	15121.3	14346.2	13474.9	12547.9	11646.2	10724.2	9761.7
10°	17649.1	17117.2	16539.7	15866.0	15131.4	14366.5	13530.6	12603.6	11676.6	10749.5	9751.6
7.5°	17699.8	17122.3	16504.2	15825.4	15106.1	14356.4	13540.8	12618.8	11681.6	10744.5	9721.2
5°	17542.7	17021.0	16423.2	15739.3	15035.2	14305.7	13500.3	12598.5	11641.1	10693.8	9645.2
2.5°	17330.0	16909.5	16337.1	15678.5	14964.3	14234.8	13434.4	12507.4	11549.9	10602.6	9549.0
0°	17294.5	16772.7	16195.2	15607.6	14847.7	14077.7	13282.4	12335.1	11382.8	10430.4	9381.8
-2.5°	17061.5	16509.3	15931.8	15293.5	14624.9	13849.8	13013.9	12086.9	11144.7	10207.5	9199.4
-5°	16884.2	16271.2	15658.3	14969.3	14295.6	13520.5	12654.3	11752.6	10830.6	9918.8	8946.1
-7.5°	16646.1	16017.9	15374.6	14655.2	13925.8	13135.5	12279.4	11377.7	10470.9	9564.2	8632.1
-10°	16164.8	15612.7	15009.8	14265.2	13495.2	12704.9	11853.9	10967.4	10060.6	9143.7	8206.5
-12.5°	15582.3	14999.7	14341.2	13657.3	12968.3	12233.8	11382.8	10511.5	9599.6	8677.6	7745.5
-15°	14827.5	14255.0	13581.3	12912.6	12249.0	11544.9	10795.1	10009.9	9082.9	8176.1	7244.0
-17.5°	13885.2	13348.3	12745.5	12107.2	11448.6	10739.4	10009.9	9346.3	8480.1	7629.0	6707.1
-20°	12872.1	12370.6	11828.6	11225.7	10567.2	9873.2	9184.2	8490.2	7740.5	6990.7	6134.6



REPORT NUMBER: P722146
 CATALOG NUMBER: IFLD-S-SA6D-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11818.4	11311.8	10764.7	10202.4	9594.6	8951.2	8312.9	7649.3	6990.7	6311.9	5587.5
-25°	10602.6	10156.8	9655.3	9108.2	8566.2	8003.9	7396.0	6793.2	6230.9	5643.3	5050.6
-27.5°	9331.1	8920.8	8464.9	7988.7	7522.7	7051.5	6524.7	5967.5	5501.4	5015.1	4523.7
-30°	7993.8	7664.5	7294.7	6879.3	6519.6	6139.7	5699.0	5238.0	4812.5	4442.7	4047.5
-32.5°	6727.3	6448.7	6185.3	5911.7	5557.1	5263.3	4959.4	4620.0	4245.1	3895.6	3611.9
-35°	5638.2	5339.3	5227.9	5025.2	4771.9	4513.6	4290.7	4047.5	3763.9	3454.8	3221.8
-37.5°	4721.3	4544.0	4386.9	4275.5	4108.3	3900.6	3723.3	3546.0	3328.2	3095.2	2862.2
-40°	4007.0	3885.4	3713.2	3657.5	3551.1	3409.3	3226.9	3090.1	2943.2	2765.9	2568.3
-42.5°	3434.6	3343.4	3232.0	3135.7	3090.1	2988.8	2847.0	2715.2	2598.7	2477.2	2325.2
-45°	2963.5	2902.7	2831.8	2745.6	2710.2	2629.1	2527.8	2380.9	2315.1	2213.7	2102.3
-47.5°	2583.5	2553.1	2502.5	2446.8	2396.1	2335.3	2244.1	2152.9	2061.8	1995.9	1909.8
-50°	2284.7	2264.4	2234.0	2188.4	2122.6	2082.0	2021.2	1940.2	1854.1	1798.3	1737.6
-52.5°	2046.6	2026.3	2006.0	1970.6	1919.9	1879.4	1828.7	1762.9	1692.0	1636.2	1585.6
-55°	1864.2	1833.8	1818.6	1788.2	1747.7	1702.1	1656.5	1610.9	1550.1	1499.5	1448.8
-57.5°	1722.4	1681.8	1661.6	1636.2	1595.7	1550.1	1514.7	1469.1	1428.5	1372.8	1327.2
-60°	1610.9	1565.3	1524.8	1499.5	1464.0	1418.4	1383.0	1347.5	1307.0	1261.4	1205.7
-62.5°	1519.7	1464.0	1408.3	1377.9	1342.4	1301.9	1266.4	1231.0	1190.5	1144.9	1094.2
-65°	1433.6	1367.8	1296.8	1266.4	1231.0	1190.5	1144.9	1119.5	1084.1	1043.5	992.9
-67.5°	1327.2	1256.3	1195.5	1160.1	1124.6	1089.1	1048.6	1023.3	987.8	937.2	886.5
-70°	1170.2	1124.6	1084.1	1053.7	1023.3	992.9	952.4	911.8	871.3	825.7	780.1
-72.5°	972.6	957.4	952.4	937.2	901.7	866.2	825.7	785.2	749.7	714.3	678.8
-75°	785.2	795.3	805.5	800.4	764.9	729.5	694.0	658.5	633.2	602.8	572.4
-77.5°	623.1	633.2	643.4	643.4	618.0	597.8	572.4	547.1	526.8	501.5	471.1
-80°	481.2	496.4	511.6	521.8	501.5	486.3	466.0	445.8	425.5	405.3	385.0
-82.5°	364.7	379.9	395.1	405.3	390.1	379.9	364.7	349.5	334.3	314.1	298.9
-85°	263.4	273.6	283.7	288.7	278.6	268.5	258.4	248.2	238.1	222.9	212.8
-87.5°	152.0	157.0	162.1	167.2	157.0	146.9	141.8	131.7	126.6	116.5	111.4
-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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 CATALOG NUMBER: IFLD-S-SA6D-760-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°	126.6	116.5	106.4	101.3	91.2	76.0	65.9	55.7	45.6	35.5	30.4
85°	268.5	243.2	212.8	197.6	177.3	157.0	136.8	116.5	96.2	76.0	55.7
82.5°	461.0	430.6	400.2	364.7	319.1	263.4	207.7	172.2	141.8	111.4	86.1
80°	694.0	638.3	587.6	542.0	491.4	420.5	344.5	273.6	192.5	146.9	111.4
77.5°	962.5	896.6	825.7	749.7	668.7	572.4	486.3	395.1	298.9	202.6	141.8
75°	1266.4	1180.3	1084.1	977.7	871.3	744.7	623.1	516.7	405.3	283.7	172.2
72.5°	1605.8	1499.5	1383.0	1241.1	1073.9	927.0	780.1	638.3	506.6	359.7	233.0
70°	2041.5	1874.3	1702.1	1550.1	1337.4	1104.3	932.1	770.0	602.8	440.7	293.8
67.5°	2507.6	2304.9	2097.2	1874.3	1605.8	1332.3	1084.1	901.7	704.1	516.7	349.5
65°	3014.1	2760.8	2497.4	2249.2	1879.4	1555.2	1276.6	1028.3	800.4	587.6	405.3
62.5°	3535.9	3237.0	2933.1	2608.9	2183.3	1783.1	1458.9	1170.2	891.6	653.5	455.9
60°	4093.1	3743.6	3373.8	2968.5	2472.1	2031.4	1631.2	1317.1	987.8	719.3	511.6
57.5°	4680.8	4300.8	3865.2	3318.1	2771.0	2269.5	1828.7	1448.8	1073.9	780.1	552.2
55°	5319.0	4883.4	4407.2	3682.8	3064.8	2507.6	2026.3	1580.5	1165.1	830.8	592.7
52.5°	6008.0	5501.4	4898.6	4067.8	3373.8	2750.7	2208.7	1697.0	1251.2	886.5	628.2
50°	6778.0	6139.7	5329.2	4422.4	3642.3	2978.7	2391.0	1823.7	1322.2	947.3	658.5
47.5°	7578.4	6889.4	5714.2	4751.7	3915.8	3201.6	2578.5	1935.1	1393.1	998.0	688.9
45°	8414.2	7411.2	6114.4	5045.5	4153.9	3404.2	2720.3	2036.4	1479.2	1043.5	714.3
42.5°	9239.9	7806.3	6463.9	5339.3	4376.8	3586.6	2836.8	2132.7	1550.1	1089.1	739.6
40°	9630.0	8105.2	6742.5	5541.9	4564.3	3748.7	2938.1	2218.8	1610.9	1119.5	764.9
37.5°	9792.1	8287.6	6924.9	5734.4	4711.2	3834.8	3024.3	2294.8	1661.6	1149.9	785.2
35°	9827.6	8353.4	7016.1	5866.2	4832.7	3915.8	3090.1	2350.5	1702.1	1180.3	805.5
32.5°	9761.7	8333.2	7041.4	5911.7	4908.7	3976.6	3135.7	2391.0	1732.5	1210.7	825.7
30°	9614.8	8226.8	6950.2	5906.7	4964.4	4012.1	3166.1	2421.4	1762.9	1231.0	835.9
27.5°	9376.7	8039.4	6833.7	5911.7	4994.8	4027.3	3181.3	2436.6	1783.1	1246.2	856.1
25°	9082.9	7786.1	6838.8	5901.6	4999.9	4032.3	3181.3	2436.6	1788.2	1251.2	871.3
22.5°	8743.5	7786.1	6838.8	5886.4	4969.5	4022.2	3166.1	2426.5	1788.2	1261.4	886.5
20°	8763.8	7791.1	6823.6	5856.0	4923.9	3991.8	3130.6	2401.2	1773.0	1276.6	896.6
17.5°	8779.0	7781.0	6793.2	5815.5	4863.1	3941.2	3085.0	2365.7	1773.0	1291.8	901.7
15°	8779.0	7750.6	6747.6	5754.7	4787.1	3870.2	3019.2	2335.3	1778.1	1296.8	911.8
12.5°	8763.8	7694.9	6676.7	5673.7	4696.0	3784.1	2978.7	2325.2	1778.1	1301.9	911.8
10°	8733.4	7618.9	6585.5	5572.3	4609.8	3753.7	2958.4	2304.9	1768.0	1301.9	911.8
7.5°	8677.6	7527.7	6509.5	5511.5	4559.2	3718.3	2928.0	2274.5	1752.8	1291.8	922.0
5°	8591.5	7477.1	6448.7	5440.6	4488.3	3692.9	2907.7	2249.2	1742.6	1291.8	911.8
2.5°	8480.1	7416.3	6377.8	5349.4	4407.2	3606.8	2841.9	2193.5	1707.2	1271.5	901.7
0°	8297.7	7294.7	6256.2	5222.8	4295.8	3520.7	2776.0	2137.8	1671.7	1251.2	891.6
-2.5°	8130.5	7132.6	6099.2	5091.1	4189.4	3444.7	2725.4	2107.4	1656.5	1246.2	886.5
-5°	7897.5	6909.7	5891.5	4918.9	4047.5	3368.7	2674.7	2071.9	1641.3	1236.0	886.5
-7.5°	7639.2	6676.7	5673.7	4741.6	3905.7	3237.0	2578.5	2016.2	1605.8	1215.8	881.4
-10°	7239.0	6327.1	5400.1	4538.9	3753.7	3120.5	2497.4	1965.5	1575.5	1195.5	861.2
-12.5°	6813.4	5942.1	5086.0	4290.7	3581.5	2998.9	2406.2	1909.8	1540.0	1175.3	851.0
-15°	6362.6	5547.0	4756.7	4032.3	3394.1	2852.0	2310.0	1849.0	1504.5	1149.9	835.9
-17.5°	5891.5	5131.6	4417.3	3768.9	3206.6	2700.1	2208.7	1793.3	1464.0	1124.6	820.7
-20°	5395.0	4706.1	4072.9	3500.4	3009.1	2548.1	2102.3	1727.4	1418.4	1094.2	800.4



REPORT NUMBER: P722146
 CATALOG NUMBER: IFLD-S-SA6D-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4903.7	4285.6	3718.3	3237.0	2806.4	2391.0	1995.9	1661.6	1367.8	1058.7	785.2
-25°	4468.0	3890.5	3404.2	2983.7	2608.9	2239.1	1884.5	1595.7	1312.0	1023.3	764.9
-27.5°	4042.5	3551.1	3095.2	2745.6	2416.4	2092.2	1778.1	1524.8	1256.3	982.8	744.7
-30°	3647.3	3226.9	2852.0	2512.6	2234.0	1960.4	1686.9	1453.9	1195.5	942.2	719.3
-32.5°	3287.7	2948.3	2634.2	2310.0	2061.8	1828.7	1600.8	1383.0	1134.7	901.7	694.0
-35°	2953.3	2689.9	2416.4	2142.8	1889.5	1707.2	1509.6	1307.0	1079.0	856.1	668.7
-37.5°	2654.5	2441.7	2223.9	1990.8	1773.0	1590.6	1423.5	1231.0	1023.3	815.6	643.4
-40°	2396.1	2223.9	2031.4	1843.9	1661.6	1489.3	1337.4	1155.0	967.6	785.2	618.0
-42.5°	2158.0	2026.3	1869.3	1712.2	1550.1	1398.1	1251.2	1073.9	911.8	749.7	592.7
-45°	1975.6	1843.9	1717.3	1575.5	1438.7	1307.0	1160.1	1003.0	861.2	709.2	567.4
-47.5°	1803.4	1686.9	1570.4	1453.9	1342.4	1220.8	1073.9	942.2	805.5	673.7	547.1
-50°	1651.4	1540.0	1438.7	1337.4	1241.1	1124.6	987.8	881.4	759.9	638.3	521.8
-52.5°	1509.6	1413.3	1312.0	1231.0	1149.9	1033.4	922.0	820.7	714.3	597.8	496.4
-55°	1383.0	1291.8	1200.6	1124.6	1048.6	947.3	856.1	770.0	668.7	567.4	471.1
-57.5°	1261.4	1185.4	1099.3	1028.3	952.4	871.3	795.3	714.3	623.1	537.0	445.8
-60°	1149.9	1079.0	1003.0	932.1	866.2	800.4	729.5	663.6	582.6	501.5	420.5
-62.5°	1038.5	977.7	911.8	840.9	790.3	729.5	673.7	607.9	542.0	471.1	374.9
-65°	937.2	881.4	820.7	759.9	714.3	668.7	618.0	557.2	501.5	435.7	334.3
-67.5°	835.9	785.2	734.5	683.9	643.4	607.9	557.2	511.6	466.0	395.1	293.8
-70°	739.6	699.1	653.5	613.0	582.6	542.0	506.6	466.0	425.5	344.5	248.2
-72.5°	648.4	607.9	572.4	542.0	516.7	481.2	450.9	420.5	364.7	288.7	207.7
-75°	542.0	516.7	496.4	471.1	445.8	420.5	395.1	359.7	303.9	233.0	162.1
-77.5°	445.8	430.6	415.4	395.1	374.9	354.6	324.2	288.7	243.2	182.4	131.7
-80°	364.7	349.5	339.4	319.1	303.9	283.7	253.3	222.9	177.3	141.8	106.4
-82.5°	278.6	268.5	258.4	248.2	233.0	212.8	182.4	157.0	131.7	106.4	81.1
-85°	197.6	192.5	182.4	172.2	157.0	141.8	121.6	106.4	91.2	70.9	55.7
-87.5°	101.3	96.2	91.2	86.1	81.1	70.9	60.8	50.7	45.6	35.5	25.3
-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-S-SA6D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	20.3	15.2	5.1	0.0
85°	40.5	25.3	10.1	0.0
82.5°	60.8	40.5	15.2	0.0
80°	81.1	50.7	25.3	0.0
77.5°	101.3	60.8	30.4	0.0
75°	121.6	76.0	35.5	0.0
72.5°	136.8	86.1	40.5	0.0
70°	162.1	101.3	45.6	0.0
67.5°	202.6	111.4	50.7	0.0
65°	238.1	121.6	55.7	0.0
62.5°	278.6	131.7	60.8	0.0
60°	314.1	141.8	65.9	0.0
57.5°	349.5	167.2	70.9	0.0
55°	379.9	187.4	76.0	0.0
52.5°	415.4	207.7	81.1	0.0
50°	445.8	228.0	86.1	0.0
47.5°	471.1	248.2	86.1	0.0
45°	491.4	263.4	91.2	0.0
42.5°	506.6	278.6	96.2	0.0
40°	521.8	293.8	101.3	0.0
37.5°	537.0	309.0	101.3	0.0
35°	552.2	324.2	106.4	0.0
32.5°	567.4	339.4	106.4	0.0
30°	577.5	349.5	111.4	0.0
27.5°	592.7	359.7	111.4	0.0
25°	597.8	369.8	116.5	0.0
22.5°	607.9	374.9	116.5	0.0
20°	618.0	385.0	116.5	0.0
17.5°	623.1	390.1	121.6	0.0
15°	623.1	395.1	126.6	0.0
12.5°	628.2	400.2	126.6	0.0
10°	628.2	410.3	121.6	0.0
7.5°	638.3	405.3	121.6	0.0
5°	633.2	405.3	121.6	0.0
2.5°	628.2	400.2	121.6	0.0
0°	623.1	400.2	121.6	0.0
-2.5°	623.1	400.2	121.6	0.0
-5°	623.1	400.2	121.6	0.0
-7.5°	618.0	405.3	121.6	0.0
-10°	607.9	405.3	121.6	0.0
-12.5°	602.8	390.1	121.6	0.0
-15°	597.8	385.0	121.6	0.0
-17.5°	587.6	379.9	116.5	0.0
-20°	577.5	374.9	116.5	0.0



REPORT NUMBER: P722146

CATALOG NUMBER: IFLD-S-SA6D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	567.4	364.7	116.5	0.0
-25°	557.2	354.6	111.4	0.0
-27.5°	547.1	344.5	111.4	0.0
-30°	531.9	334.3	106.4	0.0
-32.5°	516.7	324.2	106.4	0.0
-35°	506.6	309.0	101.3	0.0
-37.5°	491.4	293.8	101.3	0.0
-40°	476.2	278.6	96.2	0.0
-42.5°	461.0	263.4	91.2	0.0
-45°	440.7	248.2	91.2	0.0
-47.5°	425.5	233.0	86.1	0.0
-50°	400.2	212.8	81.1	0.0
-52.5°	369.8	192.5	76.0	0.0
-55°	339.4	177.3	70.9	0.0
-57.5°	309.0	157.0	70.9	0.0
-60°	278.6	136.8	65.9	0.0
-62.5°	248.2	126.6	60.8	0.0
-65°	217.8	116.5	55.7	0.0
-67.5°	182.4	101.3	50.7	0.0
-70°	152.0	91.2	45.6	0.0
-72.5°	131.7	81.1	40.5	0.0
-75°	111.4	70.9	35.5	0.0
-77.5°	96.2	60.8	30.4	0.0
-80°	76.0	45.6	20.3	0.0
-82.5°	55.7	35.5	15.2	0.0
-85°	35.5	25.3	10.1	0.0
-87.5°	20.3	10.1	5.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)