

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: P722378

Luminaire Tested: **IFLD-S-SA6D-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722378
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

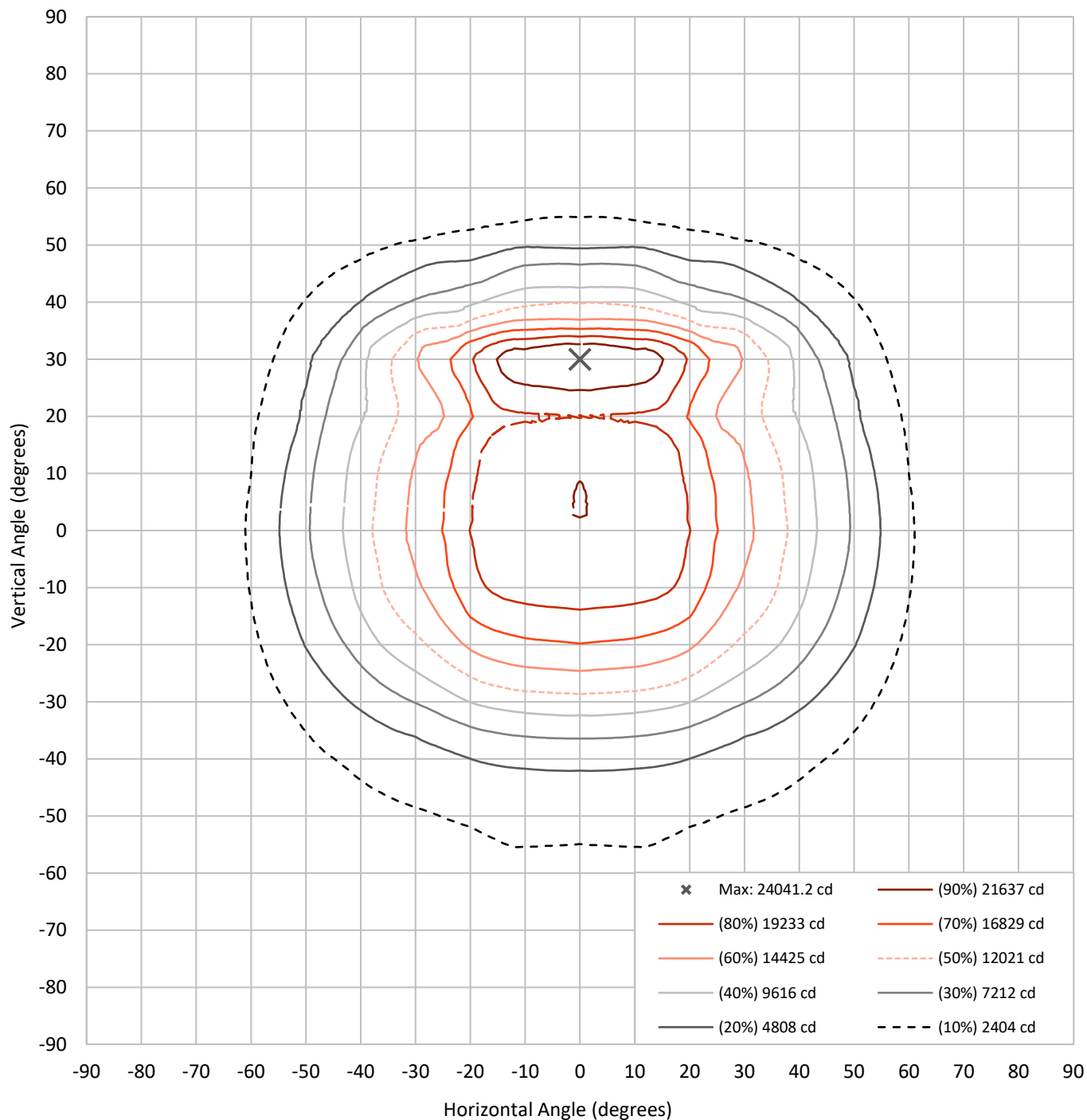
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34437.5 lumens	Max Intensity:	24041.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	21969.6 lumens	Field Lumens:	32466.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
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		



REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

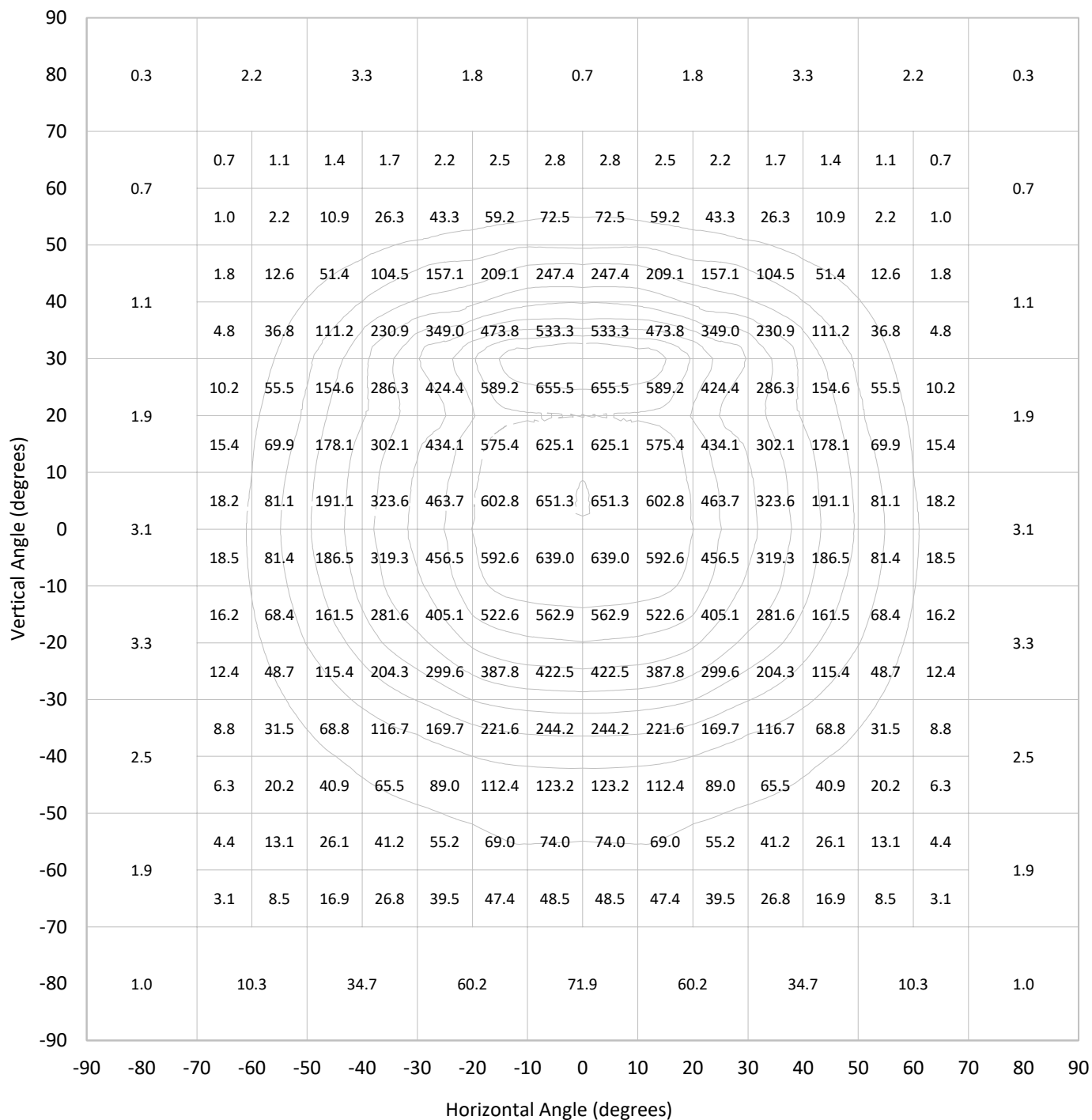
Iso-Candela Plot



REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

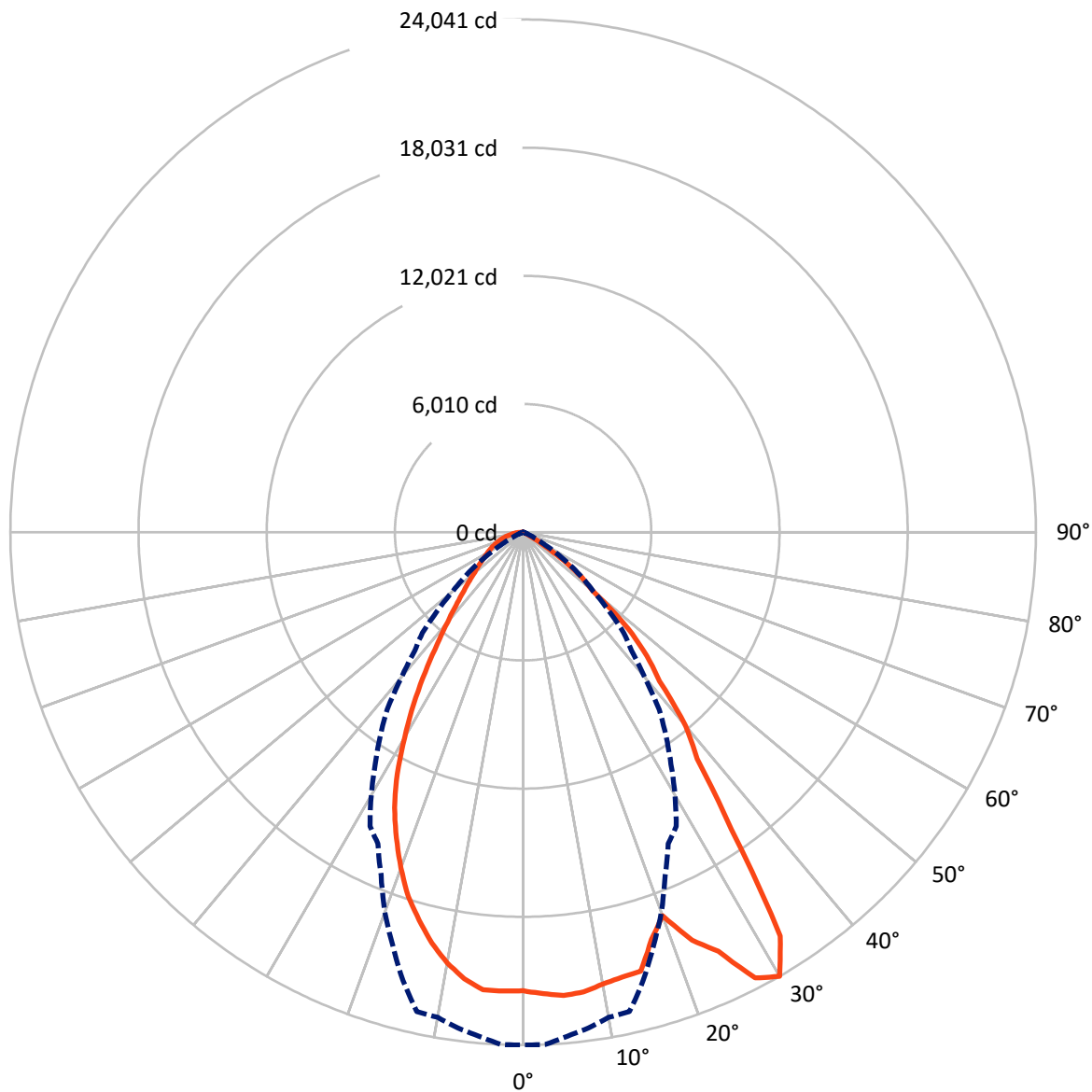
Lumen Table



REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

Luminous Intensity Polar Plot



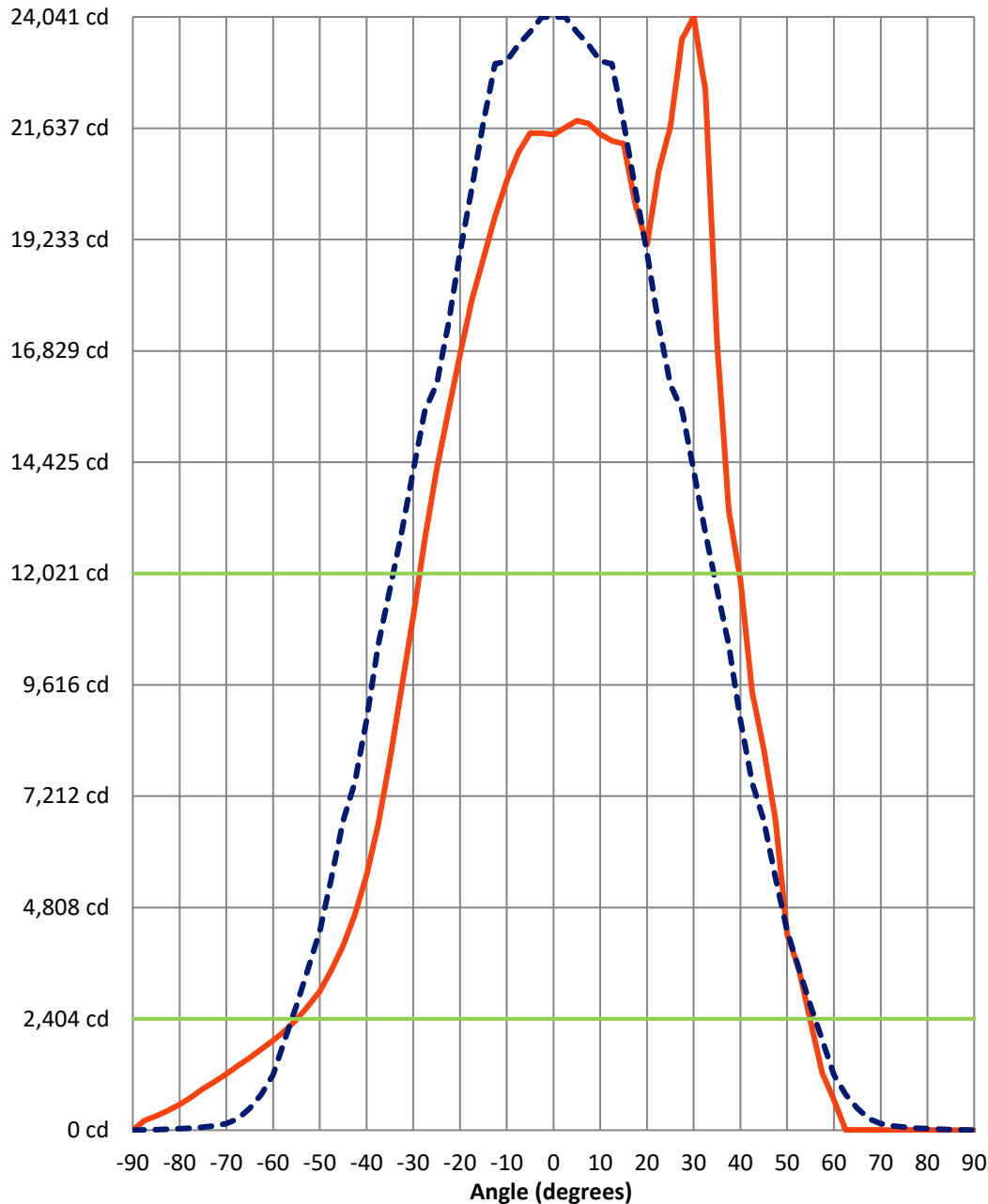
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 21969.6
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 32466.8
Efficiency: 94.3%

Spill:

Lumens: 1970.7
Efficiency: 5.7%

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

REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

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	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	11.0	11.0	16.4
82.5°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.4	16.4	21.9
80°	5.5	5.5	5.5	5.5	11.0	11.0	11.0	16.4	16.4	21.9	21.9
77.5°	5.5	5.5	5.5	11.0	11.0	11.0	16.4	16.4	21.9	21.9	27.4
75°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	16.4	21.9	21.9	27.4
72.5°	0.0	5.5	5.5	11.0	11.0	16.4	16.4	16.4	21.9	21.9	21.9
70°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	16.4	21.9	21.9	21.9
67.5°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	21.9	21.9	21.9	27.4
65°	5.5	5.5	5.5	11.0	16.4	16.4	21.9	27.4	27.4	32.9	38.4
62.5°	5.5	11.0	11.0	16.4	21.9	27.4	60.3	93.2	93.2	65.8	54.8
60°	652.4	707.3	701.8	636.0	553.7	466.0	449.6	433.1	400.2	350.9	367.3
57.5°	1239.1	1304.9	1332.3	1315.8	1272.0	1195.2	1151.3	1102.0	1036.2	959.5	871.7
55°	2346.6	2374.0	2313.7	2198.5	2072.4	1946.3	1902.5	1836.7	1738.0	1639.3	1507.7
52.5°	3470.5	3563.7	3536.3	3421.1	3251.2	3026.4	2779.7	2587.8	2472.7	2363.0	2231.4
50°	4238.0	4276.4	4353.2	4490.2	4539.6	4386.1	3985.8	3470.5	3103.1	3289.6	3147.0
47.5°	6688.8	6880.7	6842.3	6743.6	6579.1	6162.4	5603.2	5142.7	4758.9	4632.8	4654.7
45°	8218.4	8295.2	8267.8	8223.9	8147.1	7757.9	7138.3	6431.1	6074.7	5932.2	5784.1
42.5°	9473.9	9556.2	9572.6	9578.1	9495.9	9139.5	8580.3	7873.0	7516.6	7105.4	6782.0
40°	11869.8	11990.4	11853.4	11672.4	11398.3	10992.6	10444.3	9791.9	9161.4	8657.0	8273.2
37.5°	13399.5	13547.5	13602.3	13591.4	13531.0	13355.6	12681.2	12061.7	11096.8	9967.4	10170.2
35°	17028.9	17182.5	17138.6	16974.1	16886.4	16700.0	16042.1	15307.4	14095.8	12867.6	12538.7
32.5°	22440.3	22774.7	22149.7	21464.4	21042.2	21190.2	20521.4	18723.1	18163.8	15948.9	14923.6
30°	24041.2	24035.7	23717.7	23438.1	23092.7	23021.4	21760.4	20324.0	18953.3	17401.8	16107.9
27.5°	23553.2	23454.5	23185.9	22983.0	22659.6	22489.6	21256.0	20115.6	18531.2	17144.1	15894.0
25°	21672.7	21749.5	21475.3	21436.9	21310.8	20981.9	20367.8	19084.9	17670.4	16135.3	15236.1
22.5°	20702.3	20674.9	20345.9	20154.0	20307.5	19956.6	19709.9	18416.0	16941.2	15647.3	14567.3
20°	19123.3	19128.8	19046.5	19030.1	18936.9	18777.9	18580.5	17664.9	16623.2	15515.7	14216.4
17.5°	20006.0	20230.8	20329.5	19512.6	19742.8	19561.9	19353.6	18076.1	17292.1	16310.7	14616.6
15°	21299.9	21217.6	21119.0	21075.1	20949.0	20779.0	20400.7	19381.0	18032.3	17018.0	15696.7
12.5°	21365.7	21206.7	21168.3	21162.8	21031.2	20795.5	20428.1	19583.8	18388.6	17155.0	16080.4
10°	21508.2	21343.7	21321.8	21349.2	21146.4	20998.3	20631.0	19847.0	18498.3	17390.8	16376.5
7.5°	21738.5	21464.4	21590.5	21508.2	21415.0	21179.3	20784.5	20017.0	18898.5	17703.3	16639.7
5°	21798.8	21497.3	21634.3	21557.6	21420.5	21190.2	20762.6	20126.6	19145.2	17829.4	16743.8
2.5°	21650.8	21563.0	21502.7	21360.2	21299.9	21047.7	20642.0	19962.1	19030.1	17774.6	16721.9
0°	21497.3	21574.0	21436.9	21294.4	21267.0	21064.1	20718.7	20104.7	19298.7	17928.1	16908.3
-2.5°	21530.1	21469.8	21376.6	21228.6	21086.1	20795.5	20483.0	19907.3	19041.1	17593.6	16645.2
-5°	21530.1	21250.5	21261.5	21267.0	21124.4	20822.9	20444.6	19956.6	18887.5	17588.2	16568.4
-7.5°	21113.5	20872.2	20833.9	20801.0	20762.6	20483.0	20186.9	19578.3	18629.9	17445.6	16354.6
-10°	20499.4	20263.7	20285.6	20236.3	20115.6	19929.2	19704.4	19156.2	18377.7	16996.0	15921.5
-12.5°	19731.9	19627.7	19567.4	19485.1	19364.5	19200.0	18969.8	18454.4	17621.1	16442.3	15422.5
-15°	18821.7	18745.0	18690.2	18640.8	18465.4	18295.4	17993.9	17516.9	16996.0	15729.6	14687.9
-17.5°	17911.6	17719.7	17643.0	17577.2	17462.1	17187.9	16913.8	16557.4	15828.2	14824.9	13931.3
-20°	16743.8	16628.7	16535.5	16447.8	16283.3	16069.5	15844.7	15433.5	14803.0	13991.6	13065.0

REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	15521.2	15455.4	15378.7	15269.0	15159.4	14956.5	14644.0	14249.3	13755.8	12878.6	12012.4
-25°	14260.2	14134.1	14040.9	13936.8	13849.0	13662.6	13361.1	12982.8	12363.3	11606.7	10882.9
-27.5°	12774.4	12653.8	12604.5	12483.9	12407.1	12237.2	11935.6	11584.7	11025.5	10389.5	9654.8
-30°	11096.8	11118.7	11063.9	10948.7	10855.5	10636.2	10406.0	10109.9	9671.3	9062.7	8404.8
-32.5°	9545.2	9572.6	9506.8	9386.2	9265.6	9106.6	8892.8	8624.1	8295.2	7714.0	7143.8
-35°	7993.6	7982.7	7927.8	7856.6	7774.3	7642.7	7401.5	7198.6	6820.3	6414.6	6019.9
-37.5°	6601.0	6628.5	6612.0	6573.6	6480.4	6370.8	6173.4	5987.0	5707.4	5351.0	5044.0
-40°	5499.0	5531.9	5510.0	5471.6	5389.4	5323.6	5192.0	5027.5	4802.8	4495.7	4238.0
-42.5°	4654.7	4676.7	4649.2	4616.3	4545.1	4495.7	4391.6	4254.5	4068.1	3832.3	3602.1
-45°	3985.8	3991.3	3963.9	3942.0	3887.2	3826.9	3739.1	3629.5	3481.4	3317.0	3130.6
-47.5°	3459.5	3454.0	3426.6	3404.7	3360.8	3306.0	3234.7	3136.0	3020.9	2894.8	2746.8
-50°	2999.0	3026.4	3015.4	2993.5	2960.6	2922.2	2850.9	2746.8	2631.6	2538.4	2434.3
-52.5°	2681.0	2686.5	2681.0	2681.0	2675.5	2648.1	2565.9	2461.7	2335.6	2253.3	2165.6
-55°	2384.9	2412.3	2423.3	2434.3	2439.8	2439.8	2341.1	2231.4	2110.8	2028.6	1962.8
-57.5°	2143.7	2160.1	2171.1	2198.5	2220.5	2236.9	2149.2	2050.5	1957.3	1880.5	1820.2
-60°	1935.4	1957.3	1973.7	2001.1	2017.6	2028.6	1973.7	1907.9	1853.1	1803.8	1716.1
-62.5°	1748.9	1765.4	1781.8	1798.3	1814.7	1825.7	1803.8	1770.9	1743.5	1721.5	1611.9
-65°	1562.5	1579.0	1595.4	1617.4	1633.8	1644.8	1639.3	1617.4	1595.4	1573.5	1474.8
-67.5°	1392.6	1409.0	1431.0	1436.4	1447.4	1452.9	1441.9	1425.5	1398.1	1370.6	1293.9
-70°	1211.7	1222.6	1233.6	1233.6	1233.6	1228.1	1217.1	1195.2	1167.8	1129.4	1069.1
-72.5°	1047.2	1058.1	1069.1	1052.7	1041.7	1025.2	1008.8	981.4	954.0	926.6	893.7
-75°	893.7	899.1	899.1	877.2	860.8	844.3	822.4	805.9	778.5	756.6	729.2
-77.5°	712.7	712.7	712.7	696.3	685.3	674.4	657.9	641.5	619.5	603.1	581.2
-80°	553.7	553.7	553.7	548.3	531.8	520.8	509.9	498.9	482.5	471.5	460.5
-82.5°	422.2	422.2	422.2	416.7	405.7	400.2	389.3	378.3	372.8	361.9	356.4
-85°	307.0	312.5	312.5	307.0	301.5	290.6	285.1	279.6	274.1	268.6	257.7
-87.5°	208.3	208.3	208.3	202.9	197.4	197.4	191.9	180.9	170.0	164.5	159.0
-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: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	16.4	16.4	16.4	21.9	21.9	21.9	21.9	21.9	21.9	21.9	16.4
82.5°	27.4	27.4	32.9	32.9	38.4	38.4	38.4	38.4	38.4	38.4	38.4
80°	27.4	32.9	38.4	43.9	49.3	54.8	54.8	54.8	54.8	49.3	49.3
77.5°	32.9	32.9	38.4	43.9	49.3	54.8	60.3	65.8	60.3	60.3	60.3
75°	32.9	38.4	38.4	43.9	49.3	54.8	60.3	65.8	65.8	65.8	65.8
72.5°	27.4	32.9	38.4	43.9	43.9	49.3	54.8	54.8	60.3	60.3	65.8
70°	27.4	32.9	38.4	38.4	43.9	43.9	49.3	54.8	54.8	60.3	60.3
67.5°	32.9	38.4	38.4	43.9	49.3	49.3	49.3	54.8	54.8	60.3	60.3
65°	38.4	43.9	43.9	49.3	54.8	54.8	60.3	60.3	60.3	65.8	65.8
62.5°	65.8	65.8	65.8	60.3	65.8	65.8	65.8	71.3	71.3	65.8	71.3
60°	339.9	246.7	170.0	213.8	191.9	87.7	87.7	87.7	82.2	82.2	76.8
57.5°	800.5	745.6	641.5	542.8	488.0	433.1	268.6	109.7	109.7	98.7	87.7
55°	1337.8	1156.8	1080.1	948.5	805.9	740.2	614.1	416.7	197.4	131.6	115.1
52.5°	2072.4	1902.5	1705.1	1436.4	1244.5	1091.0	986.9	784.0	526.3	279.6	175.4
50°	2774.2	2697.4	2576.8	2313.7	1913.4	1655.7	1485.8	1255.5	943.0	575.7	329.0
47.5°	4468.3	3826.9	3437.6	3234.7	2900.3	2412.3	2083.4	1825.7	1447.4	970.4	581.2
45°	5625.1	5219.4	4599.9	4172.3	3678.8	3163.5	2735.8	2439.8	1990.2	1452.9	910.1
42.5°	6617.5	6266.6	5707.4	5082.4	4561.5	3887.2	3338.9	2949.6	2571.3	1984.7	1359.7
40°	7894.9	7478.3	6941.0	6332.4	5723.8	4863.1	3974.9	3503.4	3086.7	2565.9	1836.7
37.5°	10000.3	9265.6	8388.4	7714.0	6919.0	6189.8	4972.7	4139.4	3645.9	3103.1	2395.9
35°	12533.2	11727.3	10263.4	9369.8	8306.1	7220.6	6124.1	4890.5	4188.7	3613.0	2911.3
32.5°	14890.7	13712.0	11836.9	10789.7	10082.5	8081.3	6946.4	5877.3	4747.9	4040.7	3207.3
30°	15543.2	14243.8	12900.5	11677.9	10471.8	8854.4	7511.2	6677.8	5449.7	4298.4	3486.9
27.5°	14885.2	13991.6	12949.9	11815.0	10510.1	9123.0	7856.6	7061.6	5965.1	4473.8	3706.2
25°	14216.4	13284.3	12555.1	11606.7	10400.5	9106.6	7867.5	7302.8	6365.3	4813.7	3826.9
22.5°	13509.1	12928.0	12324.9	11266.7	10126.4	9155.9	8223.9	7511.2	6573.6	5197.5	3876.2
20°	13547.5	13169.2	12505.8	11091.3	10077.0	9446.5	8651.5	7774.3	6798.4	5531.9	3914.6
17.5°	14161.5	13668.1	12834.8	11606.7	10521.1	9742.6	9007.9	8136.2	7028.7	5828.0	4380.6
15°	14918.1	14167.0	13295.3	12215.2	10987.1	10066.0	9282.0	8388.4	7291.9	6102.1	4797.3
12.5°	15466.4	14397.3	13580.4	12604.5	11491.5	10416.9	9463.0	8580.3	7538.6	6326.9	5109.8
10°	15652.8	14682.4	13717.5	12845.7	11749.2	10603.3	9600.0	8700.9	7752.4	6502.4	5340.0
7.5°	15751.5	14929.1	13810.7	12955.4	11902.7	10718.5	9709.7	8766.7	7922.3	6623.0	5488.1
5°	15740.5	15060.7	13881.9	12988.3	11985.0	10767.8	9786.4	8783.1	8043.0	6727.1	5575.8
2.5°	15691.2	15148.4	13997.1	13043.1	12149.4	10861.0	9934.5	8816.0	8086.8	6842.3	5636.1
0°	15872.1	15153.9	14117.7	13059.5	12259.1	10893.9	10000.3	8788.6	8026.5	6875.2	5630.6
-2.5°	15482.8	14830.4	14090.3	12917.0	12111.1	10817.2	9879.6	8700.9	7894.9	6836.8	5608.7
-5°	15417.1	14594.7	13860.0	12785.4	11864.3	10658.2	9654.8	8536.4	7686.6	6710.7	5521.0
-7.5°	15241.6	14369.9	13635.2	12681.2	11634.1	10493.7	9441.0	8366.4	7461.8	6513.3	5394.9
-10°	14857.8	14024.5	13394.0	12456.5	11354.5	10257.9	9183.3	8141.7	7198.6	6244.7	5197.5
-12.5°	14309.6	13476.2	12851.2	11979.5	11003.6	9939.9	8876.3	7851.1	6897.1	5959.6	4961.7
-15°	13690.0	12845.7	12220.7	11425.7	10482.7	9446.5	8487.1	7483.7	6551.7	5658.0	4682.1
-17.5°	12988.3	12187.8	11584.7	10811.7	9874.2	8887.3	7933.3	7023.2	6151.5	5345.5	4358.7
-20°	12176.8	11398.3	10844.6	10071.5	9210.8	8251.3	7324.7	6464.0	5680.0	4923.4	4002.3

REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-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°	11173.5	10488.2	9857.7	9166.9	8415.8	7538.6	6677.8	5915.7	5164.6	4424.5	3635.0
-25°	10148.3	9484.9	8870.8	8240.3	7522.1	6765.5	6030.9	5340.0	4605.4	3936.5	3278.6
-27.5°	9007.9	8415.8	7867.5	7286.4	6628.5	5976.0	5372.9	4698.6	4062.6	3492.4	2927.7
-30°	7790.8	7308.3	6831.3	6315.9	5784.1	5235.9	4698.6	4062.6	3563.7	3108.6	2631.6
-32.5°	6623.0	6189.8	5806.1	5422.3	4961.7	4512.2	4035.2	3563.7	3147.0	2746.8	2346.6
-35°	5597.7	5137.2	4923.4	4616.3	4249.0	3843.3	3454.0	3125.1	2790.6	2428.8	2072.4
-37.5°	4709.5	4413.5	4161.3	3931.0	3640.4	3289.6	3009.9	2741.3	2461.7	2132.7	1825.7
-40°	4013.3	3799.4	3547.2	3377.3	3141.5	2889.3	2609.7	2384.9	2149.2	1880.5	1628.3
-42.5°	3454.0	3278.6	3114.1	2933.2	2757.7	2543.9	2302.7	2088.9	1875.0	1677.7	1469.3
-45°	2993.5	2867.4	2735.8	2587.8	2434.3	2247.9	2050.5	1831.2	1677.7	1502.2	1326.8
-47.5°	2615.2	2522.0	2412.3	2297.2	2165.6	2001.1	1820.2	1661.2	1502.2	1354.2	1184.2
-50°	2313.7	2225.9	2138.2	2039.5	1924.4	1781.8	1644.8	1496.7	1348.7	1206.2	1047.2
-52.5°	2061.5	1984.7	1913.4	1831.2	1721.5	1600.9	1474.8	1343.2	1206.2	1063.6	937.5
-55°	1886.0	1798.3	1727.0	1644.8	1546.1	1431.0	1315.8	1195.2	1063.6	954.0	849.8
-57.5°	1743.5	1644.8	1562.5	1474.8	1376.1	1277.4	1173.3	1063.6	964.9	860.8	762.1
-60°	1622.8	1507.7	1414.5	1326.8	1233.6	1140.4	1052.7	959.5	866.2	773.0	674.4
-62.5°	1496.7	1376.1	1261.0	1178.8	1107.5	1025.2	948.5	860.8	778.5	685.3	614.1
-65°	1354.2	1239.1	1129.4	1058.1	992.3	921.1	849.8	773.0	701.8	630.5	564.7
-67.5°	1195.2	1096.5	1019.8	954.0	888.2	827.9	762.1	696.3	636.0	564.7	498.9
-70°	1003.3	948.5	904.6	855.3	795.0	740.2	679.8	619.5	553.7	493.4	433.1
-72.5°	855.3	822.4	789.5	740.2	685.3	636.0	586.6	531.8	477.0	422.2	372.8
-75°	701.8	674.4	646.9	614.1	570.2	531.8	488.0	438.6	394.7	356.4	318.0
-77.5°	564.7	542.8	526.3	498.9	466.0	433.1	405.7	372.8	339.9	301.5	263.2
-80°	449.6	438.6	433.1	422.2	394.7	367.3	345.4	318.0	285.1	257.7	230.3
-82.5°	350.9	350.9	345.4	339.9	318.0	296.1	279.6	257.7	235.8	213.8	186.4
-85°	257.7	252.2	252.2	246.7	230.3	219.3	202.9	191.9	175.4	153.5	142.5
-87.5°	153.5	148.0	142.5	137.1	126.1	120.6	109.7	104.2	93.2	82.2	76.8
-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: P722378

CATALOG NUMBER: IFLD-S-SA6D-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	16.4	11.0	11.0	11.0	11.0	11.0	5.5	5.5	5.5	5.5	5.5
82.5°	32.9	32.9	27.4	27.4	21.9	16.4	11.0	11.0	11.0	5.5	5.5
80°	49.3	49.3	49.3	43.9	38.4	27.4	21.9	16.4	11.0	5.5	5.5
77.5°	60.3	54.8	54.8	49.3	49.3	43.9	32.9	27.4	16.4	11.0	5.5
75°	60.3	60.3	60.3	54.8	54.8	49.3	43.9	32.9	27.4	16.4	11.0
72.5°	65.8	60.3	60.3	60.3	54.8	49.3	43.9	38.4	32.9	21.9	11.0
70°	60.3	60.3	60.3	60.3	54.8	54.8	43.9	38.4	38.4	21.9	16.4
67.5°	60.3	60.3	60.3	54.8	54.8	49.3	43.9	38.4	38.4	27.4	16.4
65°	65.8	60.3	60.3	60.3	54.8	49.3	43.9	38.4	38.4	32.9	21.9
62.5°	71.3	65.8	65.8	60.3	54.8	49.3	43.9	38.4	38.4	32.9	21.9
60°	76.8	71.3	65.8	65.8	60.3	54.8	43.9	43.9	38.4	32.9	21.9
57.5°	82.2	76.8	76.8	71.3	65.8	60.3	49.3	43.9	38.4	32.9	27.4
55°	98.7	87.7	82.2	82.2	76.8	65.8	54.8	43.9	38.4	32.9	27.4
52.5°	131.6	104.2	93.2	93.2	87.7	76.8	60.3	49.3	38.4	32.9	27.4
50°	208.3	131.6	109.7	98.7	98.7	87.7	71.3	54.8	38.4	32.9	27.4
47.5°	329.0	219.3	131.6	115.1	109.7	104.2	82.2	54.8	43.9	32.9	27.4
45°	542.8	323.5	213.8	137.1	115.1	109.7	93.2	60.3	43.9	38.4	27.4
42.5°	745.6	504.4	329.0	164.5	137.1	120.6	98.7	65.8	49.3	38.4	27.4
40°	1173.3	690.8	460.5	268.6	159.0	126.1	109.7	76.8	49.3	38.4	27.4
37.5°	1590.0	915.6	619.5	394.7	180.9	142.5	115.1	82.2	54.8	38.4	32.9
35°	2006.6	1282.9	767.6	526.3	241.2	170.0	120.6	87.7	54.8	38.4	32.9
32.5°	2379.4	1628.3	921.1	657.9	361.9	202.9	131.6	93.2	60.3	43.9	32.9
30°	2686.5	1946.3	1195.2	773.0	471.5	246.7	142.5	93.2	65.8	43.9	32.9
27.5°	2916.7	2193.0	1474.8	893.7	564.7	290.6	164.5	104.2	65.8	43.9	32.9
25°	3103.1	2384.9	1721.5	1019.8	646.9	361.9	197.4	109.7	71.3	49.3	32.9
22.5°	3251.2	2543.9	1924.4	1189.7	745.6	433.1	241.2	120.6	71.3	49.3	32.9
20°	3454.0	2702.9	2061.5	1370.6	849.8	498.9	279.6	131.6	71.3	49.3	38.4
17.5°	3629.5	2861.9	2171.1	1524.2	954.0	548.3	323.5	142.5	76.8	49.3	38.4
15°	3832.3	3015.4	2269.8	1644.8	1052.7	592.1	361.9	153.5	76.8	54.8	38.4
12.5°	4051.6	3158.0	2341.1	1743.5	1156.8	630.5	394.7	175.4	82.2	54.8	38.4
10°	4276.4	3278.6	2401.4	1814.7	1233.6	668.9	416.7	197.4	87.7	54.8	38.4
7.5°	4501.2	3388.2	2478.1	1847.6	1266.5	712.7	427.6	219.3	87.7	60.3	38.4
5°	4654.7	3459.5	2587.8	1869.6	1282.9	762.1	444.1	246.7	93.2	60.3	38.4
2.5°	4786.3	3503.4	2702.9	1886.0	1288.4	789.5	438.6	263.2	98.7	60.3	38.4
0°	4846.6	3503.4	2779.7	1875.0	1272.0	816.9	438.6	279.6	98.7	60.3	38.4
-2.5°	4753.4	3602.1	2757.7	1880.5	1277.4	816.9	460.5	285.1	109.7	65.8	38.4
-5°	4605.4	3640.4	2692.0	1853.1	1266.5	816.9	488.0	290.6	115.1	65.8	43.9
-7.5°	4462.8	3656.9	2615.2	1825.7	1250.0	795.0	493.4	285.1	126.1	71.3	43.9
-10°	4276.4	3476.0	2516.5	1776.4	1217.1	778.5	504.4	285.1	131.6	71.3	43.9
-12.5°	4062.6	3256.7	2395.9	1705.1	1178.8	762.1	509.9	285.1	137.1	76.8	43.9
-15°	3815.9	3031.9	2258.8	1628.3	1123.9	740.2	498.9	279.6	142.5	76.8	49.3
-17.5°	3536.3	2812.6	2116.3	1535.1	1063.6	712.7	477.0	274.1	142.5	76.8	49.3
-20°	3218.3	2593.3	1957.3	1441.9	992.3	679.8	455.1	263.2	142.5	76.8	49.3



REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-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°	2933.2	2390.4	1792.8	1337.8	915.6	641.5	427.6	252.2	142.5	82.2	49.3
-25°	2697.4	2193.0	1666.7	1233.6	833.4	597.6	400.2	241.2	142.5	82.2	49.3
-27.5°	2450.7	1979.2	1535.1	1134.9	778.5	559.2	372.8	230.3	137.1	82.2	49.3
-30°	2198.5	1770.9	1398.1	1025.2	723.7	520.8	350.9	213.8	137.1	82.2	49.3
-32.5°	1968.3	1600.9	1272.0	915.6	663.4	482.5	329.0	208.3	131.6	82.2	49.3
-35°	1743.5	1447.4	1140.4	827.9	597.6	444.1	307.0	202.9	131.6	82.2	49.3
-37.5°	1557.1	1304.9	1019.8	767.6	559.2	411.2	285.1	191.9	126.1	82.2	49.3
-40°	1403.5	1173.3	904.6	701.8	526.3	378.3	263.2	186.4	126.1	82.2	49.3
-42.5°	1261.0	1047.2	833.4	646.9	493.4	356.4	246.7	180.9	120.6	82.2	49.3
-45°	1134.9	937.5	762.1	597.6	455.1	329.0	235.8	170.0	115.1	82.2	54.8
-47.5°	1008.8	860.8	696.3	553.7	416.7	296.1	224.8	164.5	109.7	76.8	54.8
-50°	910.1	778.5	641.5	504.4	378.3	285.1	213.8	153.5	109.7	76.8	54.8
-52.5°	822.4	701.8	581.2	455.1	345.4	268.6	202.9	142.5	104.2	76.8	54.8
-55°	740.2	630.5	520.8	405.7	323.5	252.2	186.4	131.6	104.2	76.8	54.8
-57.5°	657.9	564.7	460.5	367.3	296.1	235.8	175.4	131.6	104.2	76.8	54.8
-60°	592.1	504.4	416.7	339.9	274.1	213.8	159.0	126.1	98.7	76.8	54.8
-62.5°	537.3	455.1	378.3	307.0	252.2	191.9	153.5	126.1	98.7	76.8	49.3
-65°	482.5	411.2	339.9	279.6	224.8	180.9	148.0	120.6	98.7	76.8	49.3
-67.5°	427.6	361.9	307.0	246.7	208.3	175.4	142.5	120.6	93.2	71.3	49.3
-70°	372.8	318.0	268.6	230.3	197.4	164.5	137.1	115.1	93.2	65.8	43.9
-72.5°	329.0	279.6	241.2	213.8	186.4	159.0	131.6	109.7	87.7	60.3	38.4
-75°	279.6	246.7	219.3	191.9	170.0	148.0	126.1	98.7	76.8	54.8	38.4
-77.5°	235.8	213.8	191.9	175.4	153.5	131.6	109.7	87.7	71.3	49.3	32.9
-80°	202.9	186.4	170.0	153.5	137.1	115.1	98.7	76.8	60.3	43.9	27.4
-82.5°	164.5	153.5	137.1	126.1	115.1	98.7	82.2	65.8	43.9	32.9	21.9
-85°	126.1	115.1	109.7	98.7	87.7	71.3	54.8	43.9	32.9	21.9	11.0
-87.5°	65.8	60.3	54.8	49.3	43.9	32.9	27.4	21.9	16.4	11.0	5.5
-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: P722378

CATALOG NUMBER: IFLD-S-SA6D-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°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	5.5	5.5	0.0	0.0
67.5°	11.0	5.5	0.0	0.0
65°	11.0	5.5	0.0	0.0
62.5°	11.0	5.5	0.0	0.0
60°	11.0	5.5	0.0	0.0
57.5°	16.4	5.5	5.5	0.0
55°	16.4	5.5	5.5	0.0
52.5°	16.4	5.5	5.5	0.0
50°	16.4	11.0	5.5	0.0
47.5°	16.4	11.0	5.5	0.0
45°	16.4	11.0	5.5	0.0
42.5°	16.4	11.0	5.5	0.0
40°	21.9	11.0	5.5	0.0
37.5°	21.9	11.0	5.5	0.0
35°	21.9	11.0	5.5	0.0
32.5°	21.9	11.0	5.5	0.0
30°	21.9	11.0	5.5	0.0
27.5°	21.9	16.4	5.5	0.0
25°	21.9	16.4	5.5	0.0
22.5°	27.4	16.4	5.5	0.0
20°	27.4	16.4	5.5	0.0
17.5°	27.4	16.4	5.5	0.0
15°	27.4	16.4	5.5	0.0
12.5°	27.4	16.4	5.5	0.0
10°	27.4	16.4	5.5	0.0
7.5°	27.4	16.4	5.5	0.0
5°	27.4	16.4	5.5	0.0
2.5°	27.4	16.4	5.5	0.0
0°	27.4	16.4	5.5	0.0
-2.5°	27.4	16.4	5.5	0.0
-5°	27.4	16.4	5.5	0.0
-7.5°	27.4	16.4	5.5	0.0
-10°	27.4	16.4	5.5	0.0
-12.5°	32.9	16.4	5.5	0.0
-15°	32.9	16.4	5.5	0.0
-17.5°	32.9	16.4	5.5	0.0
-20°	32.9	16.4	5.5	0.0



REPORT NUMBER: P722378

CATALOG NUMBER: IFLD-S-SA6D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	32.9	16.4	5.5	0.0
-25°	32.9	16.4	5.5	0.0
-27.5°	32.9	16.4	5.5	0.0
-30°	32.9	16.4	5.5	0.0
-32.5°	32.9	16.4	5.5	0.0
-35°	32.9	16.4	5.5	0.0
-37.5°	32.9	16.4	5.5	0.0
-40°	32.9	16.4	5.5	0.0
-42.5°	27.4	16.4	5.5	0.0
-45°	32.9	16.4	5.5	0.0
-47.5°	32.9	16.4	5.5	0.0
-50°	32.9	16.4	5.5	0.0
-52.5°	32.9	16.4	5.5	0.0
-55°	32.9	16.4	5.5	0.0
-57.5°	32.9	16.4	5.5	0.0
-60°	32.9	16.4	5.5	0.0
-62.5°	27.4	16.4	5.5	0.0
-65°	27.4	11.0	5.5	0.0
-67.5°	27.4	11.0	5.5	0.0
-70°	27.4	11.0	5.5	0.0
-72.5°	21.9	11.0	5.5	0.0
-75°	21.9	11.0	5.5	0.0
-77.5°	16.4	5.5	0.0	0.0
-80°	16.4	5.5	0.0	0.0
-82.5°	11.0	5.5	0.0	0.0
-85°	5.5	5.5	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)