

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: P723821

Luminaire Tested: **IFLD-S-SA6E-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723821
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20591.3 lumens	Max Intensity:	484440.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	7467.2 lumens	Field Lumens:	11904.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

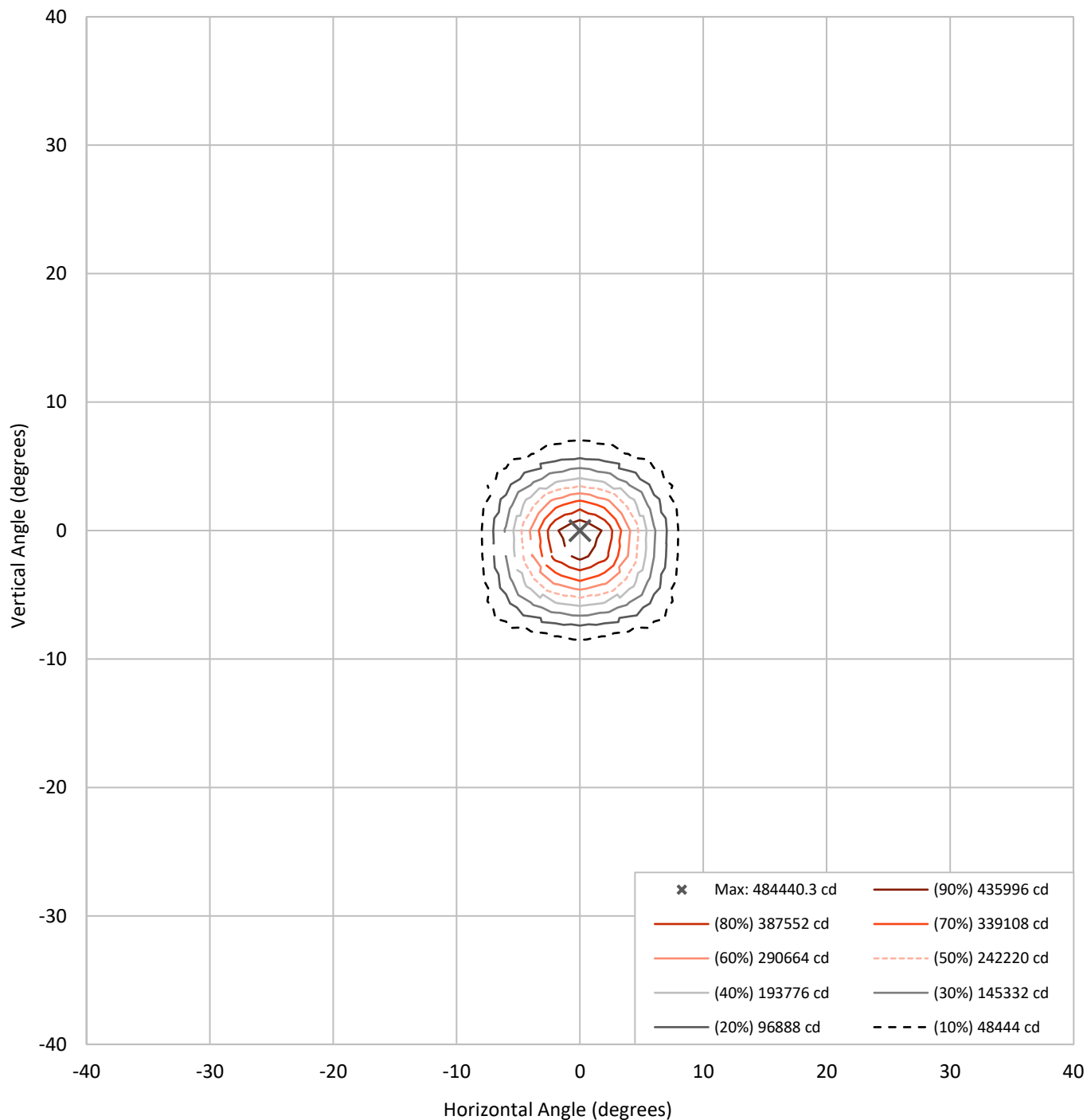
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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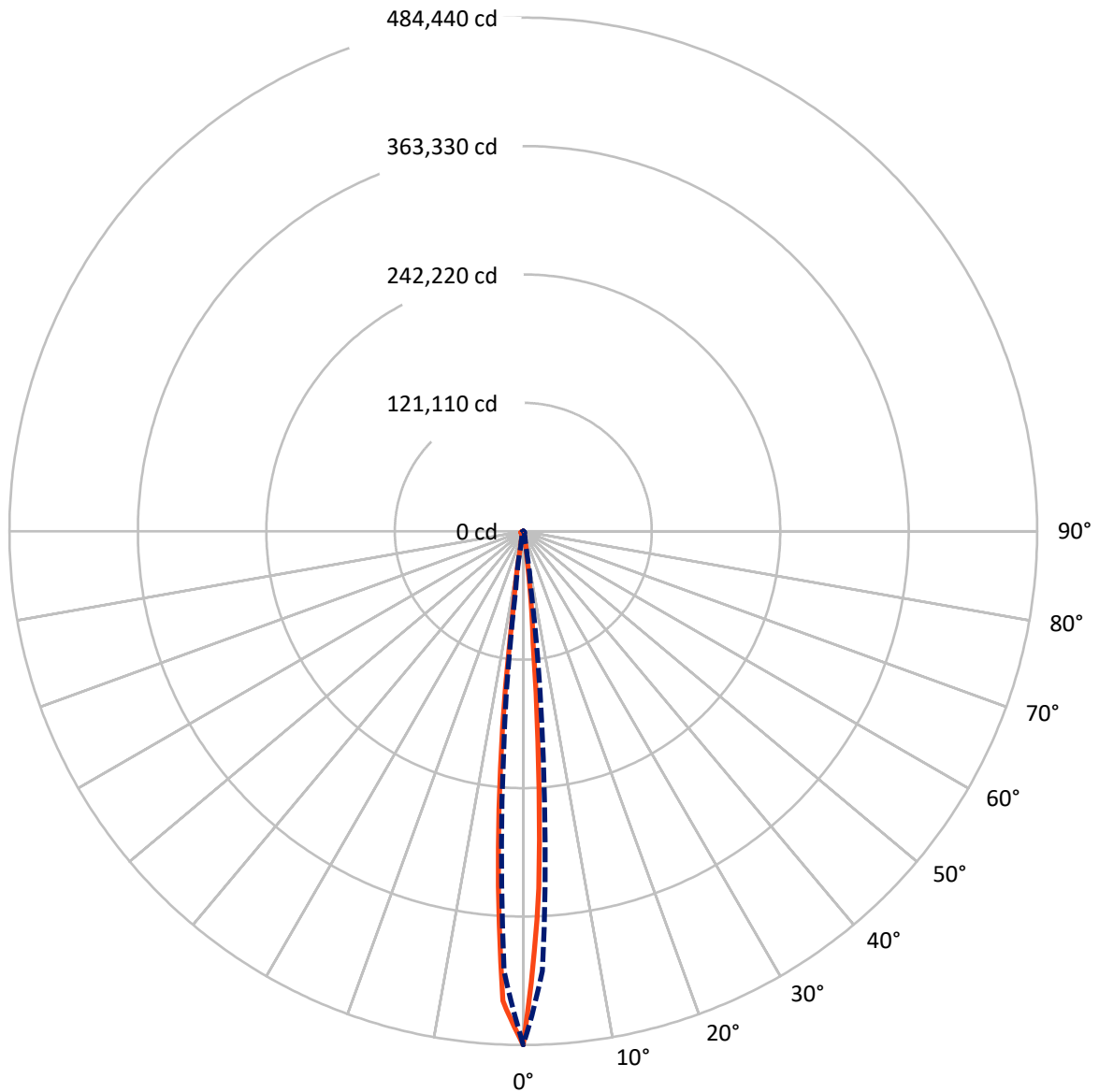
Lumen Table

	Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
Vertical Angle (degrees)																				
90																				
80	0.3		4.6		5.0		1.9		0.5		1.9		5.0		4.6		0.3			
70																				
60	0.5		1.0	1.3	1.0	0.8	0.7	0.5	0.3	0.3	0.5	0.7	0.8	1.0	1.3	1.0	0.5			
50			0.6	0.9	2.4	5.3	8.7	11.1	12.8	12.8	11.1	8.7	5.3	2.4	0.9	0.6				
40	0.5		0.7	2.8	9.4	18.5	27.0	32.5	36.0	36.0	32.5	27.0	18.5	9.4	2.8	0.7	0.5			
30			1.4	7.1	19.3	31.3	36.8	39.7	41.1	41.1	39.7	36.8	31.3	19.3	7.1	1.4				
20	0.8		2.7	12.2	28.0	36.3	37.4	44.1	53.1	53.1	44.1	37.4	36.3	28.0	12.2	2.7	0.8			
10			4.2	17.1	34.4	38.7	43.6	76.7	130.7	130.7	76.7	43.6	38.7	34.4	17.1	4.2				
0	1.4		5.4	21.0	37.8	40.1	53.9	145.9	2703.1	2703.1	145.9	53.9	40.1	37.8	21.0	5.4	1.4			
-10			6.4	23.0	39.7	41.6	55.7	157.1	3941.4	3941.4	157.1	55.7	41.6	39.7	23.0	6.4				
-20	2.0		6.8	23.6	41.9	45.0	50.2	91.4	175.3	175.3	91.4	50.2	45.0	41.9	23.6	6.8	2.0			
-30			6.4	22.4	42.4	50.5	50.6	59.2	72.2	72.2	59.2	50.6	50.5	42.4	22.4	6.4				
-40	2.2		5.7	19.8	40.5	55.6	60.6	63.1	63.6	63.6	63.1	60.6	55.6	40.5	19.8	5.7	2.2			
-50			5.0	15.9	34.4	53.6	65.2	73.1	76.6	76.6	73.1	65.2	53.6	34.4	15.9	5.0				
-60	1.7		4.5	12.3	26.7	45.7	61.4	71.3	75.4	75.4	71.3	61.4	45.7	26.7	12.3	4.5	1.7			
-70			4.2	10.8	21.7	38.1	53.7	65.0	70.2	70.2	65.0	53.7	38.1	21.7	10.8	4.2				
-80	0.8		12.7		37.9		70.3		77.6		70.3		37.9		12.7		0.8			
-90																				

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Luminous Intensity Polar Plot

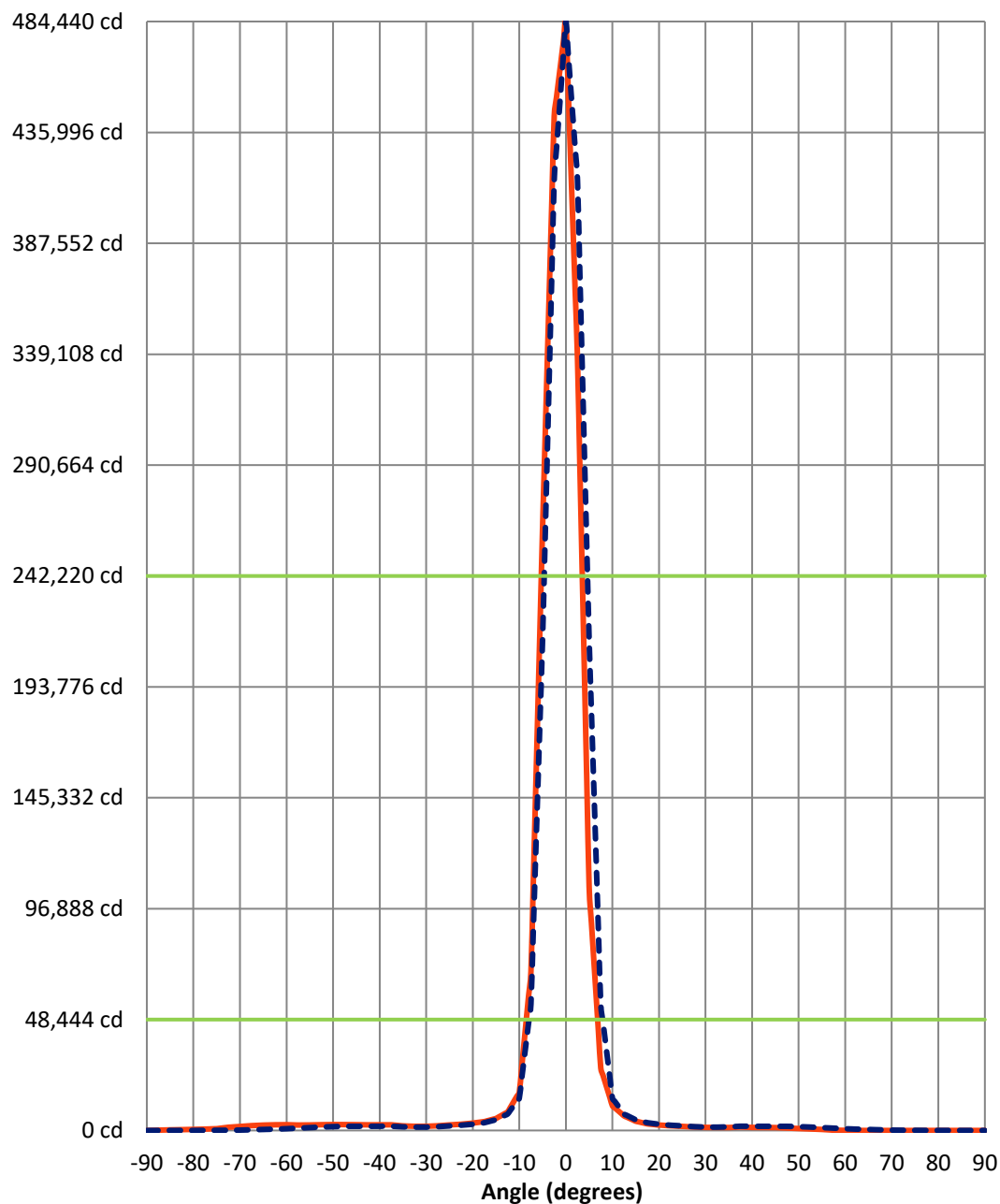


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7467.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11904.2

Efficiency: 57.8%

Spill:

Lumens: 8687

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	0.0	4.8	4.8	9.5	9.5	9.5	14.3	19.0	23.8	23.8	28.5
82.5°	0.0	4.8	4.8	9.5	9.5	14.3	14.3	23.8	28.5	33.3	42.8
80°	4.8	4.8	4.8	9.5	9.5	14.3	14.3	19.0	23.8	33.3	38.0
77.5°	0.0	4.8	4.8	4.8	9.5	9.5	9.5	14.3	19.0	23.8	28.5
75°	0.0	4.8	4.8	4.8	9.5	9.5	9.5	9.5	14.3	14.3	19.0
72.5°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	9.5	14.3	14.3	14.3
70°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	9.5	14.3	14.3	14.3
67.5°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	9.5	14.3	14.3	14.3
65°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	14.3	14.3	14.3	14.3
62.5°	4.8	4.8	4.8	9.5	14.3	14.3	19.0	23.8	23.8	23.8	23.8
60°	47.5	52.3	57.0	57.0	52.3	52.3	57.0	57.0	57.0	57.0	57.0
57.5°	128.3	137.8	142.6	142.6	142.6	137.8	156.9	161.6	142.6	133.1	147.4
55°	446.8	461.1	451.6	437.3	408.8	375.5	366.0	361.3	366.0	342.2	304.2
52.5°	651.2	665.5	660.7	651.2	632.2	608.4	589.4	570.4	551.4	513.4	470.6
50°	846.1	850.9	846.1	836.6	817.6	793.8	755.8	713.0	675.0	665.5	627.5
47.5°	1064.8	1079.0	1079.0	1074.3	1060.0	1017.2	960.2	898.4	869.9	860.4	822.3
45°	1259.7	1269.2	1273.9	1278.7	1273.9	1231.1	1178.8	1145.6	1083.8	1064.8	1064.8
42.5°	1311.9	1316.7	1321.5	1326.2	1340.5	1307.2	1264.4	1207.4	1193.1	1188.4	1178.8
40°	1331.0	1321.5	1326.2	1331.0	1335.7	1311.9	1278.7	1245.4	1235.9	1226.4	1226.4
37.5°	1511.6	1468.8	1435.5	1407.0	1383.2	1359.5	1326.2	1297.7	1273.9	1254.9	1273.9
35°	1288.2	1288.2	1321.5	1350.0	1378.5	1407.0	1411.8	1378.5	1326.2	1302.4	1335.7
32.5°	1316.7	1316.7	1316.7	1326.2	1335.7	1359.5	1383.2	1397.5	1435.5	1392.8	1392.8
30°	1345.2	1350.0	1359.5	1364.2	1350.0	1340.5	1331.0	1331.0	1354.7	1416.5	1449.8
27.5°	1511.6	1511.6	1497.3	1478.3	1435.5	1369.0	1335.7	1288.2	1292.9	1321.5	1402.3
25°	1782.5	1773.0	1739.8	1692.2	1616.2	1521.1	1430.8	1331.0	1288.2	1273.9	1307.2
22.5°	2039.2	2025.0	1982.2	1939.4	1877.6	1782.5	1630.4	1478.3	1345.2	1288.2	1273.9
20°	2367.2	2333.9	2286.4	2219.8	2120.0	2025.0	1891.9	1692.2	1497.3	1350.0	1292.9
17.5°	2894.8	2852.1	2761.7	2642.9	2471.8	2324.4	2134.3	1944.1	1725.5	1487.8	1359.5
15°	4049.9	3940.6	3783.7	3455.7	3118.2	2837.8	2552.6	2234.1	2010.7	1697.0	1502.1
12.5°	6369.6	6070.1	5613.8	4848.5	4092.7	3441.5	2980.4	2571.6	2210.3	1920.4	1644.7
10°	10780.8	10139.1	8879.4	6787.9	5395.1	4197.3	3370.2	2823.5	2367.2	2067.7	1763.5
7.5°	27265.6	22241.3	15738.6	10747.5	7058.8	5128.9	3855.0	3061.2	2533.6	2162.8	1858.6
5°	106267.5	87539.0	46697.6	19489.0	10619.1	6203.2	4292.3	3251.3	2642.9	2234.1	1929.9
2.5°	337260.1	291246.9	152803.5	41953.7	13038.6	6987.5	4591.8	3370.2	2704.7	2286.4	1982.2
0°	484440.3	415182.9	214450.7	55177.7	14141.4	7187.2	4686.9	3393.9	2714.2	2295.9	1982.2
-2.5°	443180.6	387869.8	207158.9	51346.5	14450.4	7244.2	4762.9	3474.8	2785.5	2338.7	1996.4
-5°	263334.9	230983.1	144508.8	36610.9	12839.0	6726.1	4563.3	3403.5	2738.0	2314.9	1986.9
-7.5°	69381.0	60064.2	39510.4	19104.0	8309.0	5689.8	4192.5	3284.6	2676.2	2272.1	1948.9
-10°	16727.3	15852.7	14160.4	8679.7	6469.4	4753.4	3717.2	3070.7	2552.6	2215.1	1887.1
-12.5°	8066.6	7876.4	7149.1	5894.2	4801.0	3950.1	3365.4	2847.3	2438.5	2115.3	1801.5
-15°	5247.8	5138.4	4891.3	4411.2	3855.0	3446.2	3037.4	2619.1	2295.9	1967.9	1730.2
-17.5°	3883.5	3878.8	3755.2	3574.6	3298.9	2994.7	2695.2	2429.0	2115.3	1834.8	1654.2
-20°	3218.1	3218.1	3146.8	3027.9	2833.0	2633.4	2433.8	2186.6	1929.9	1720.7	1644.7

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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°	2733.2	2738.0	2699.9	2623.9	2519.3	2352.9	2158.1	1958.4	1773.0	1697.0	1673.2
-25°	2419.5	2410.0	2367.2	2295.9	2186.6	2053.5	1925.1	1792.0	1739.8	1720.7	1754.0
-27.5°	2048.7	2063.0	2044.0	2010.7	1939.4	1844.3	1815.8	1777.8	1787.3	1815.8	1944.1
-30°	1830.1	1844.3	1863.3	1877.6	1853.8	1830.1	1839.6	1868.1	1929.9	2039.2	2086.8
-32.5°	1830.1	1834.8	1863.3	1891.9	1906.1	1925.1	1977.4	2072.5	2162.8	2134.3	2124.8
-35°	1996.4	1982.2	2020.2	2058.2	2110.5	2177.1	2234.1	2215.1	2181.8	2172.3	2181.8
-37.5°	2471.8	2381.5	2343.4	2319.7	2305.4	2295.9	2281.6	2267.4	2253.1	2243.6	2257.9
-40°	2467.0	2443.3	2419.5	2400.5	2386.2	2367.2	2357.7	2352.9	2338.7	2329.2	2319.7
-42.5°	2457.5	2467.0	2467.0	2462.3	2467.0	2462.3	2448.0	2429.0	2405.2	2386.2	2367.2
-45°	2528.8	2533.6	2543.1	2552.6	2566.8	2547.8	2519.3	2486.0	2452.8	2424.2	2400.5
-47.5°	2571.6	2576.4	2585.9	2600.1	2609.6	2590.6	2552.6	2509.8	2457.5	2410.0	2362.5
-50°	2585.9	2600.1	2604.9	2604.9	2600.1	2576.4	2519.3	2457.5	2400.5	2352.9	2310.2
-52.5°	2519.3	2533.6	2538.3	2528.8	2524.1	2500.3	2448.0	2391.0	2329.2	2295.9	2257.9
-55°	2410.0	2429.0	2443.3	2443.3	2443.3	2438.5	2391.0	2338.7	2291.1	2253.1	2215.1
-57.5°	2367.2	2400.5	2429.0	2433.8	2438.5	2443.3	2410.0	2357.7	2300.7	2243.6	2196.1
-60°	2524.1	2552.6	2566.8	2547.8	2533.6	2519.3	2467.0	2405.2	2348.2	2291.1	2200.8
-62.5°	2481.3	2528.8	2552.6	2538.3	2519.3	2495.5	2438.5	2367.2	2300.7	2238.9	2148.5
-65°	2343.4	2386.2	2414.7	2391.0	2362.5	2329.2	2276.9	2210.3	2148.5	2086.8	2005.9
-67.5°	2110.5	2172.3	2219.8	2167.6	2129.5	2086.8	2044.0	1986.9	1925.1	1853.8	1777.8
-70°	1744.5	1792.0	1834.8	1820.6	1811.1	1801.5	1773.0	1716.0	1663.7	1606.7	1540.1
-72.5°	1402.3	1445.0	1483.1	1459.3	1440.3	1411.8	1369.0	1307.2	1245.4	1183.6	1121.8
-75°	774.8	789.1	803.3	798.6	798.6	798.6	798.6	803.3	793.8	779.6	751.0
-77.5°	594.2	613.2	627.5	637.0	651.2	670.2	684.5	660.7	637.0	613.2	584.7
-80°	465.8	484.8	499.1	551.4	589.4	632.2	660.7	627.5	594.2	565.7	541.9
-82.5°	351.8	366.0	380.3	408.8	427.8	451.6	470.6	470.6	465.8	461.1	446.8
-85°	256.7	275.7	294.7	304.2	318.5	318.5	323.2	304.2	285.2	270.9	251.9
-87.5°	147.4	152.1	152.1	152.1	156.9	156.9	156.9	147.4	142.6	133.1	128.3
-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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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°	4.8	4.8	4.8	9.5	9.5	14.3	14.3	19.0	19.0	23.8	23.8
85°	28.5	28.5	28.5	33.3	33.3	38.0	42.8	47.5	52.3	52.3	57.0
82.5°	47.5	52.3	57.0	61.8	66.5	71.3	76.1	80.8	95.1	104.6	109.3
80°	47.5	52.3	66.5	76.1	85.6	95.1	95.1	95.1	95.1	99.8	109.3
77.5°	33.3	38.0	42.8	52.3	76.1	95.1	109.3	118.8	109.3	104.6	95.1
75°	19.0	23.8	28.5	33.3	47.5	66.5	90.3	114.1	133.1	128.3	118.8
72.5°	19.0	19.0	23.8	28.5	33.3	38.0	42.8	66.5	95.1	118.8	133.1
70°	19.0	23.8	23.8	28.5	33.3	38.0	42.8	52.3	66.5	95.1	123.6
67.5°	19.0	23.8	23.8	33.3	42.8	47.5	52.3	47.5	42.8	61.8	90.3
65°	19.0	19.0	23.8	28.5	33.3	38.0	52.3	52.3	47.5	47.5	47.5
62.5°	28.5	28.5	28.5	28.5	33.3	33.3	33.3	42.8	42.8	42.8	42.8
60°	57.0	52.3	52.3	52.3	52.3	42.8	42.8	42.8	38.0	42.8	38.0
57.5°	137.8	114.1	104.6	104.6	90.3	85.6	71.3	52.3	52.3	42.8	42.8
55°	280.5	266.2	223.4	185.4	166.4	147.4	114.1	95.1	71.3	57.0	52.3
52.5°	432.6	394.5	356.5	309.0	261.4	223.4	190.1	147.4	118.8	85.6	66.5
50°	565.7	532.4	489.6	437.3	375.5	328.0	280.5	223.4	175.9	133.1	95.1
47.5°	770.1	703.5	651.2	589.4	518.1	451.6	389.8	323.2	247.2	194.9	147.4
45°	988.7	893.6	822.3	765.3	670.2	579.9	508.6	437.3	347.0	256.7	199.6
42.5°	1140.8	1069.5	974.5	898.4	812.8	717.8	622.7	546.6	451.6	347.0	256.7
40°	1221.6	1174.1	1098.0	1031.5	941.2	836.6	736.8	660.7	560.9	446.8	323.2
37.5°	1283.4	1259.7	1221.6	1169.3	1083.8	960.2	860.4	770.1	684.5	551.4	418.3
35°	1354.7	1350.0	1326.2	1302.4	1231.1	1112.3	993.5	888.9	784.3	660.7	513.4
32.5°	1421.3	1416.5	1402.3	1392.8	1364.2	1259.7	1131.3	1012.5	893.6	765.3	603.7
30°	1454.5	1445.0	1445.0	1454.5	1426.0	1359.5	1264.4	1136.1	1003.0	850.9	698.8
27.5°	1454.5	1445.0	1449.8	1464.1	1459.3	1426.0	1354.7	1250.2	1102.8	931.7	784.3
25°	1392.8	1440.3	1440.3	1459.3	1464.1	1454.5	1416.5	1350.0	1197.9	1017.2	850.9
22.5°	1307.2	1421.3	1464.1	1459.3	1464.1	1487.8	1492.6	1430.8	1288.2	1102.8	917.4
20°	1307.2	1388.0	1511.6	1478.3	1487.8	1540.1	1563.9	1511.6	1383.2	1183.6	984.0
17.5°	1335.7	1388.0	1492.6	1544.9	1559.1	1601.9	1639.9	1606.7	1468.8	1269.2	1074.3
15°	1416.5	1407.0	1478.3	1606.7	1630.4	1663.7	1706.5	1668.5	1544.9	1364.2	1159.8
12.5°	1473.6	1421.3	1478.3	1616.2	1692.2	1725.5	1739.8	1711.2	1611.4	1449.8	1245.4
10°	1549.6	1459.3	1487.8	1606.7	1716.0	1739.8	1754.0	1744.5	1673.2	1521.1	1321.5
7.5°	1606.7	1478.3	1478.3	1592.4	1739.8	1758.8	1768.3	1777.8	1725.5	1582.9	1388.0
5°	1630.4	1478.3	1468.8	1578.1	1763.5	1782.5	1782.5	1796.8	1763.5	1630.4	1435.5
2.5°	1635.2	1473.6	1459.3	1568.6	1806.3	1806.3	1796.8	1811.1	1792.0	1658.9	1468.8
0°	1658.9	1468.8	1454.5	1582.9	1853.8	1834.8	1811.1	1815.8	1806.3	1673.2	1487.8
-2.5°	1658.9	1492.6	1473.6	1592.4	1849.1	1844.3	1834.8	1839.6	1830.1	1716.0	1525.8
-5°	1682.7	1525.8	1506.8	1635.2	1844.3	1858.6	1863.3	1863.3	1849.1	1744.5	1549.6
-7.5°	1687.5	1549.6	1544.9	1678.0	1853.8	1877.6	1891.9	1901.4	1872.8	1763.5	1568.6
-10°	1663.7	1559.1	1582.9	1730.2	1863.3	1896.6	1925.1	1939.4	1891.9	1773.0	1578.1
-12.5°	1611.4	1559.1	1620.9	1796.8	1887.1	1925.1	1967.9	1972.7	1910.9	1777.8	1582.9
-15°	1606.7	1597.1	1687.5	1863.3	1901.4	1948.9	2015.5	2001.2	1925.1	1777.8	1582.9
-17.5°	1601.9	1649.4	1787.3	1887.1	1925.1	1977.4	2029.7	2015.5	1934.6	1777.8	1573.4
-20°	1644.7	1735.0	1906.1	1910.9	1953.7	2010.7	2039.2	2010.7	1920.4	1763.5	1559.1

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CATALOG NUMBER: IFLD-S-SA6E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1716.0	1887.1	1944.1	1963.2	2001.2	2044.0	2058.2	2015.5	1906.1	1739.8	1535.4
-25°	1896.6	1982.2	1982.2	2025.0	2063.0	2082.0	2067.7	2020.2	1887.1	1716.0	1511.6
-27.5°	2034.5	2029.7	2053.5	2096.3	2129.5	2129.5	2091.5	1996.4	1858.6	1692.2	1478.3
-30°	2086.8	2091.5	2124.8	2172.3	2181.8	2158.1	2101.0	1977.4	1834.8	1654.2	1435.5
-32.5°	2139.0	2158.1	2200.8	2224.6	2229.4	2181.8	2077.2	1944.1	1796.8	1611.4	1388.0
-35°	2200.8	2238.9	2262.6	2267.4	2243.6	2162.8	2044.0	1901.4	1739.8	1549.6	1345.2
-37.5°	2281.6	2300.7	2314.9	2295.9	2229.4	2134.3	1986.9	1844.3	1687.5	1483.1	1283.4
-40°	2333.9	2343.4	2348.2	2286.4	2205.6	2067.7	1925.1	1777.8	1597.1	1407.0	1216.9
-42.5°	2367.2	2357.7	2319.7	2253.1	2134.3	2001.2	1863.3	1697.0	1516.3	1331.0	1145.6
-45°	2357.7	2324.4	2267.4	2186.6	2063.0	1929.9	1768.3	1601.9	1430.8	1250.2	1064.8
-47.5°	2319.7	2267.4	2196.1	2101.0	1986.9	1825.3	1663.7	1502.1	1335.7	1159.8	988.7
-50°	2272.1	2210.3	2124.8	2005.9	1853.8	1706.5	1559.1	1402.3	1231.1	1069.5	917.4
-52.5°	2219.8	2153.3	2044.0	1910.9	1744.5	1592.4	1449.8	1297.7	1140.8	988.7	855.6
-55°	2162.8	2096.3	1972.7	1820.6	1654.2	1487.8	1350.0	1221.6	1069.5	922.2	803.3
-57.5°	2134.3	2048.7	1920.4	1768.3	1592.4	1421.3	1302.4	1164.6	1026.7	874.6	760.5
-60°	2110.5	2025.0	1906.1	1730.2	1563.9	1402.3	1264.4	1131.3	984.0	841.4	727.3
-62.5°	2044.0	1953.7	1844.3	1673.2	1511.6	1364.2	1240.6	1083.8	941.2	808.1	703.5
-65°	1910.9	1815.8	1720.7	1568.6	1421.3	1283.4	1159.8	1017.2	884.1	770.1	679.7
-67.5°	1701.7	1620.9	1535.4	1407.0	1283.4	1159.8	1045.8	922.2	812.8	732.0	684.5
-70°	1468.8	1383.2	1297.7	1193.1	1088.5	988.7	898.4	808.1	736.8	694.0	656.0
-72.5°	1069.5	1031.5	988.7	907.9	822.3	760.5	717.8	679.7	627.5	589.4	565.7
-75°	713.0	660.7	594.2	565.7	570.4	560.9	537.1	508.6	484.8	470.6	437.3
-77.5°	556.2	527.6	494.4	461.1	446.8	432.6	413.5	389.8	370.8	337.5	290.0
-80°	513.4	489.6	465.8	442.1	418.3	385.0	347.0	309.0	290.0	275.7	270.9
-82.5°	423.1	394.5	366.0	342.2	309.0	285.2	261.4	242.4	242.4	237.7	232.9
-85°	242.4	232.9	218.7	209.2	199.6	185.4	171.1	161.6	156.9	152.1	147.4
-87.5°	123.6	118.8	109.3	104.6	99.8	95.1	85.6	80.8	76.1	76.1	71.3
-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-SA6E-827-U-11-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°	23.8	23.8	19.0	19.0	19.0	14.3	9.5	9.5	4.8	4.8	0.0
85°	57.0	47.5	42.8	38.0	38.0	28.5	19.0	14.3	9.5	4.8	4.8
82.5°	109.3	95.1	80.8	71.3	57.0	42.8	33.3	23.8	14.3	9.5	4.8
80°	123.6	123.6	118.8	99.8	80.8	61.8	42.8	28.5	19.0	14.3	9.5
77.5°	95.1	104.6	104.6	104.6	99.8	76.1	52.3	33.3	19.0	14.3	9.5
75°	109.3	95.1	90.3	95.1	90.3	76.1	61.8	38.0	23.8	19.0	9.5
72.5°	133.1	114.1	99.8	95.1	85.6	71.3	57.0	42.8	23.8	19.0	14.3
70°	123.6	118.8	109.3	99.8	85.6	71.3	57.0	42.8	28.5	19.0	14.3
67.5°	109.3	109.3	109.3	99.8	85.6	66.5	52.3	38.0	28.5	19.0	14.3
65°	76.1	90.3	99.8	95.1	85.6	66.5	52.3	38.0	28.5	23.8	14.3
62.5°	47.5	61.8	80.8	90.3	80.8	66.5	47.5	38.0	28.5	23.8	14.3
60°	42.8	47.5	57.0	71.3	76.1	61.8	47.5	33.3	28.5	23.8	14.3
57.5°	42.8	42.8	47.5	57.0	61.8	57.0	42.8	28.5	28.5	23.8	19.0
55°	47.5	42.8	42.8	47.5	52.3	52.3	42.8	28.5	28.5	23.8	19.0
52.5°	57.0	47.5	42.8	42.8	42.8	47.5	38.0	28.5	28.5	23.8	19.0
50°	71.3	57.0	52.3	42.8	42.8	42.8	38.0	28.5	23.8	23.8	19.0
47.5°	95.1	76.1	57.0	52.3	42.8	38.0	33.3	28.5	23.8	23.8	19.0
45°	142.6	90.3	76.1	57.0	47.5	42.8	38.0	28.5	23.8	23.8	19.0
42.5°	194.9	133.1	95.1	66.5	52.3	42.8	38.0	33.3	23.8	23.8	19.0
40°	247.2	180.6	118.8	85.6	61.8	47.5	38.0	33.3	28.5	23.8	19.0
37.5°	304.2	223.4	156.9	109.3	71.3	52.3	42.8	33.3	28.5	23.8	19.0
35°	375.5	280.5	194.9	133.1	85.6	61.8	47.5	33.3	28.5	23.8	19.0
32.5°	456.3	332.7	232.9	161.6	109.3	76.1	52.3	38.0	28.5	23.8	19.0
30°	532.4	394.5	275.7	194.9	133.1	85.6	57.0	38.0	28.5	23.8	14.3
27.5°	608.4	456.3	328.0	228.2	161.6	99.8	61.8	42.8	28.5	23.8	19.0
25°	684.5	518.1	380.3	261.4	185.4	118.8	76.1	47.5	28.5	23.8	19.0
22.5°	751.0	579.9	427.8	299.5	213.9	137.8	85.6	52.3	33.3	23.8	19.0
20°	827.1	646.5	480.1	342.2	237.7	156.9	95.1	57.0	33.3	23.8	19.0
17.5°	898.4	713.0	532.4	380.3	266.2	175.9	109.3	61.8	38.0	23.8	19.0
15°	969.7	774.8	579.9	418.3	294.7	194.9	118.8	66.5	42.8	23.8	19.0
12.5°	1036.2	831.8	622.7	451.6	318.5	213.9	128.3	71.3	47.5	23.8	19.0
10°	1098.0	884.1	665.5	480.1	342.2	228.2	137.8	80.8	52.3	23.8	19.0
7.5°	1159.8	926.9	698.8	508.6	370.8	247.2	147.4	85.6	57.0	28.5	19.0
5°	1197.9	964.9	727.3	532.4	394.5	266.2	156.9	90.3	61.8	28.5	19.0
2.5°	1231.1	993.5	746.3	556.2	418.3	280.5	156.9	95.1	66.5	28.5	19.0
0°	1250.2	1012.5	760.5	570.4	437.3	290.0	161.6	99.8	71.3	28.5	19.0
-2.5°	1292.9	1045.8	793.8	589.4	456.3	318.5	171.1	104.6	76.1	33.3	19.0
-5°	1321.5	1064.8	817.6	608.4	470.6	347.0	185.4	114.1	85.6	42.8	23.8
-7.5°	1345.2	1083.8	836.6	617.9	484.8	356.5	190.1	118.8	90.3	47.5	23.8
-10°	1350.0	1093.3	850.9	632.2	494.4	370.8	194.9	123.6	95.1	52.3	23.8
-12.5°	1354.7	1102.8	855.6	641.7	503.9	380.3	199.6	128.3	99.8	57.0	23.8
-15°	1350.0	1098.0	855.6	651.2	508.6	370.8	209.2	133.1	104.6	61.8	23.8
-17.5°	1340.5	1093.3	850.9	646.5	503.9	361.3	213.9	142.6	104.6	66.5	28.5
-20°	1326.2	1079.0	841.4	641.7	499.1	351.8	218.7	147.4	109.3	66.5	28.5

REPORT NUMBER: P723821

CATALOG NUMBER: IFLD-S-SA6E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1302.4	1055.3	822.3	627.5	489.6	342.2	218.7	156.9	114.1	66.5	28.5
-25°	1273.9	1031.5	803.3	608.4	475.3	328.0	218.7	161.6	118.8	66.5	28.5
-27.5°	1240.6	1007.7	774.8	594.2	456.3	318.5	218.7	166.4	123.6	66.5	28.5
-30°	1202.6	974.5	751.0	570.4	442.1	318.5	223.4	171.1	128.3	66.5	28.5
-32.5°	1164.6	941.2	722.5	551.4	423.1	313.7	223.4	175.9	133.1	61.8	33.3
-35°	1121.8	903.2	698.8	537.1	408.8	304.2	228.2	175.9	128.3	61.8	33.3
-37.5°	1069.5	855.6	675.0	522.9	399.3	294.7	228.2	180.6	123.6	61.8	33.3
-40°	1012.5	817.6	646.5	503.9	385.0	290.0	228.2	180.6	118.8	61.8	38.0
-42.5°	950.7	774.8	617.9	484.8	370.8	285.2	228.2	180.6	114.1	61.8	38.0
-45°	893.6	732.0	584.7	461.1	356.5	285.2	228.2	175.9	104.6	66.5	38.0
-47.5°	831.8	684.5	546.6	437.3	351.8	280.5	223.4	166.4	95.1	66.5	38.0
-50°	779.6	637.0	518.1	413.5	342.2	285.2	228.2	152.1	95.1	66.5	38.0
-52.5°	727.3	603.7	484.8	404.0	332.7	290.0	223.4	142.6	95.1	66.5	38.0
-55°	684.5	570.4	465.8	389.8	342.2	299.5	213.9	128.3	95.1	66.5	38.0
-57.5°	651.2	551.4	451.6	394.5	356.5	290.0	199.6	123.6	95.1	61.8	38.0
-60°	627.5	532.4	456.3	413.5	361.3	275.7	190.1	123.6	95.1	61.8	33.3
-62.5°	608.4	537.1	480.1	427.8	342.2	256.7	180.6	123.6	85.6	57.0	33.3
-65°	613.2	556.2	489.6	408.8	328.0	237.7	166.4	118.8	80.8	52.3	33.3
-67.5°	627.5	541.9	461.1	385.0	294.7	213.9	152.1	109.3	76.1	52.3	33.3
-70°	579.9	499.1	418.3	328.0	251.9	185.4	142.6	99.8	66.5	47.5	33.3
-72.5°	522.9	418.3	332.7	266.2	213.9	171.1	128.3	90.3	61.8	42.8	28.5
-75°	380.3	304.2	247.2	223.4	190.1	152.1	114.1	80.8	57.0	42.8	28.5
-77.5°	270.9	251.9	228.2	204.4	171.1	133.1	99.8	76.1	52.3	38.0	23.8
-80°	266.2	242.4	213.9	175.9	142.6	114.1	85.6	66.5	47.5	33.3	19.0
-82.5°	223.4	190.1	161.6	133.1	109.3	90.3	71.3	52.3	38.0	23.8	14.3
-85°	137.8	118.8	104.6	90.3	76.1	61.8	47.5	33.3	23.8	14.3	9.5
-87.5°	66.5	61.8	52.3	42.8	38.0	28.5	23.8	19.0	14.3	9.5	4.8
-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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CATALOG NUMBER: IFLD-S-SA6E-827-U-11-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°	4.8	0.0	0.0	0.0
80°	4.8	0.0	0.0	0.0
77.5°	4.8	0.0	0.0	0.0
75°	4.8	4.8	0.0	0.0
72.5°	4.8	4.8	0.0	0.0
70°	9.5	4.8	4.8	0.0
67.5°	9.5	4.8	4.8	0.0
65°	9.5	4.8	4.8	0.0
62.5°	9.5	4.8	4.8	0.0
60°	9.5	4.8	4.8	0.0
57.5°	9.5	4.8	4.8	0.0
55°	9.5	4.8	4.8	0.0
52.5°	9.5	4.8	4.8	0.0
50°	9.5	4.8	4.8	0.0
47.5°	9.5	9.5	4.8	0.0
45°	9.5	9.5	4.8	0.0
42.5°	9.5	9.5	4.8	0.0
40°	9.5	9.5	4.8	0.0
37.5°	9.5	9.5	4.8	0.0
35°	9.5	9.5	4.8	0.0
32.5°	14.3	9.5	4.8	0.0
30°	14.3	9.5	9.5	0.0
27.5°	14.3	9.5	9.5	0.0
25°	14.3	9.5	9.5	0.0
22.5°	14.3	9.5	9.5	0.0
20°	14.3	9.5	9.5	0.0
17.5°	14.3	9.5	9.5	0.0
15°	14.3	9.5	9.5	0.0
12.5°	14.3	9.5	9.5	0.0
10°	14.3	9.5	9.5	0.0
7.5°	14.3	9.5	9.5	0.0
5°	14.3	9.5	9.5	0.0
2.5°	14.3	9.5	9.5	0.0
0°	14.3	9.5	9.5	0.0
-2.5°	14.3	9.5	9.5	0.0
-5°	14.3	9.5	9.5	0.0
-7.5°	14.3	9.5	9.5	0.0
-10°	14.3	9.5	9.5	0.0
-12.5°	19.0	9.5	9.5	0.0
-15°	19.0	9.5	9.5	0.0
-17.5°	19.0	9.5	9.5	0.0
-20°	19.0	9.5	9.5	0.0

REPORT NUMBER: P723821

CATALOG NUMBER: IFLD-S-SA6E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.0	9.5	9.5	0.0
-25°	19.0	9.5	9.5	0.0
-27.5°	19.0	9.5	9.5	0.0
-30°	19.0	9.5	9.5	0.0
-32.5°	19.0	9.5	9.5	0.0
-35°	19.0	9.5	9.5	0.0
-37.5°	19.0	9.5	9.5	0.0
-40°	19.0	9.5	9.5	0.0
-42.5°	14.3	9.5	4.8	0.0
-45°	19.0	9.5	4.8	0.0
-47.5°	19.0	9.5	4.8	0.0
-50°	19.0	9.5	4.8	0.0
-52.5°	19.0	9.5	4.8	0.0
-55°	19.0	9.5	4.8	0.0
-57.5°	19.0	9.5	4.8	0.0
-60°	19.0	9.5	4.8	0.0
-62.5°	19.0	9.5	4.8	0.0
-65°	19.0	9.5	4.8	0.0
-67.5°	19.0	9.5	4.8	0.0
-70°	19.0	4.8	4.8	0.0
-72.5°	14.3	4.8	4.8	0.0
-75°	14.3	4.8	4.8	0.0
-77.5°	9.5	4.8	0.0	0.0
-80°	9.5	4.8	0.0	0.0
-82.5°	9.5	4.8	0.0	0.0
-85°	4.8	0.0	0.0	0.0
-87.5°	4.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)