

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: P723632

Luminaire Tested: **IFLD-L-SA8D-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723632
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21738.7 lumens	Max Intensity:	511434.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	7883.3 lumens	Field Lumens:	12567.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

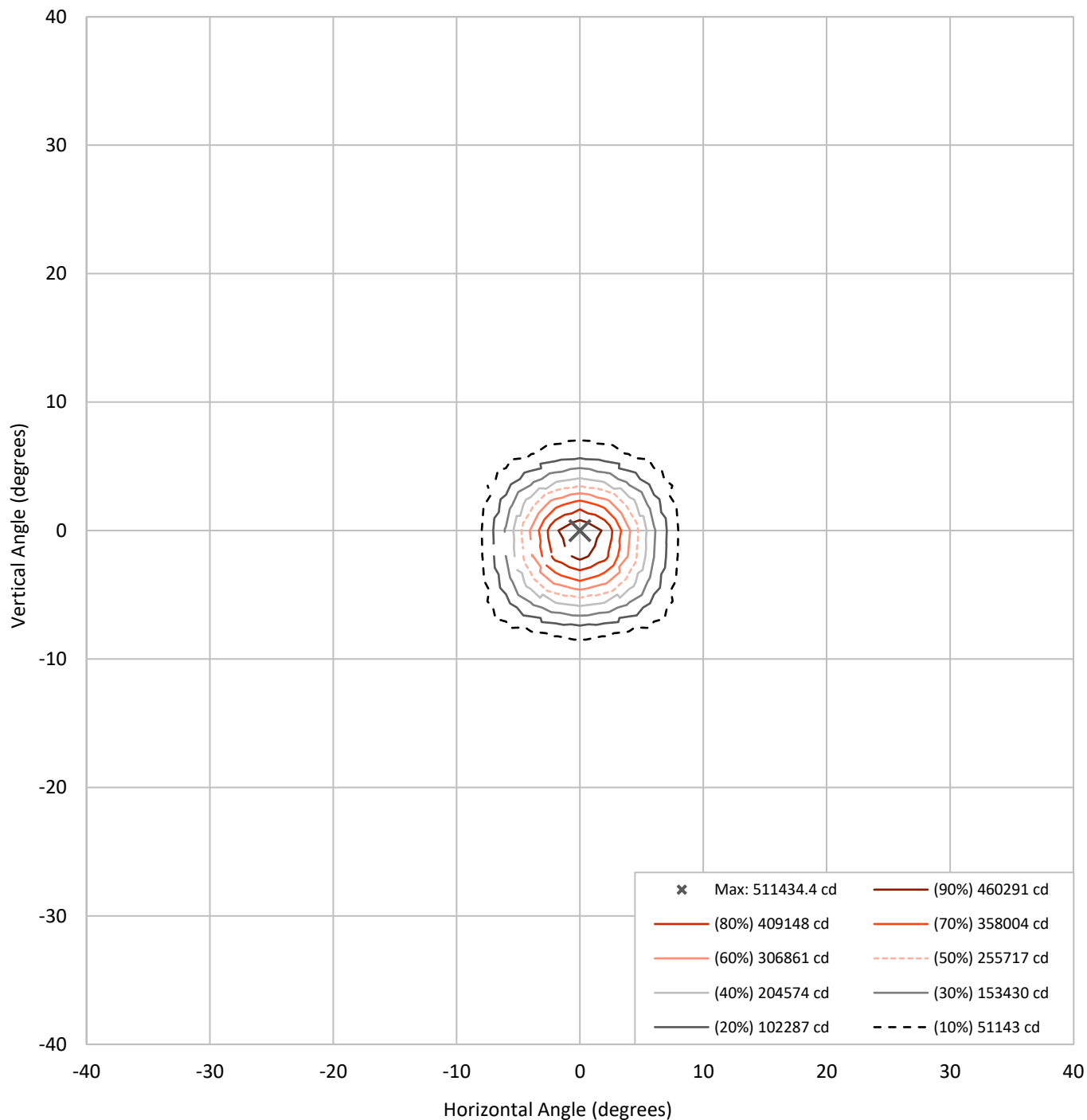
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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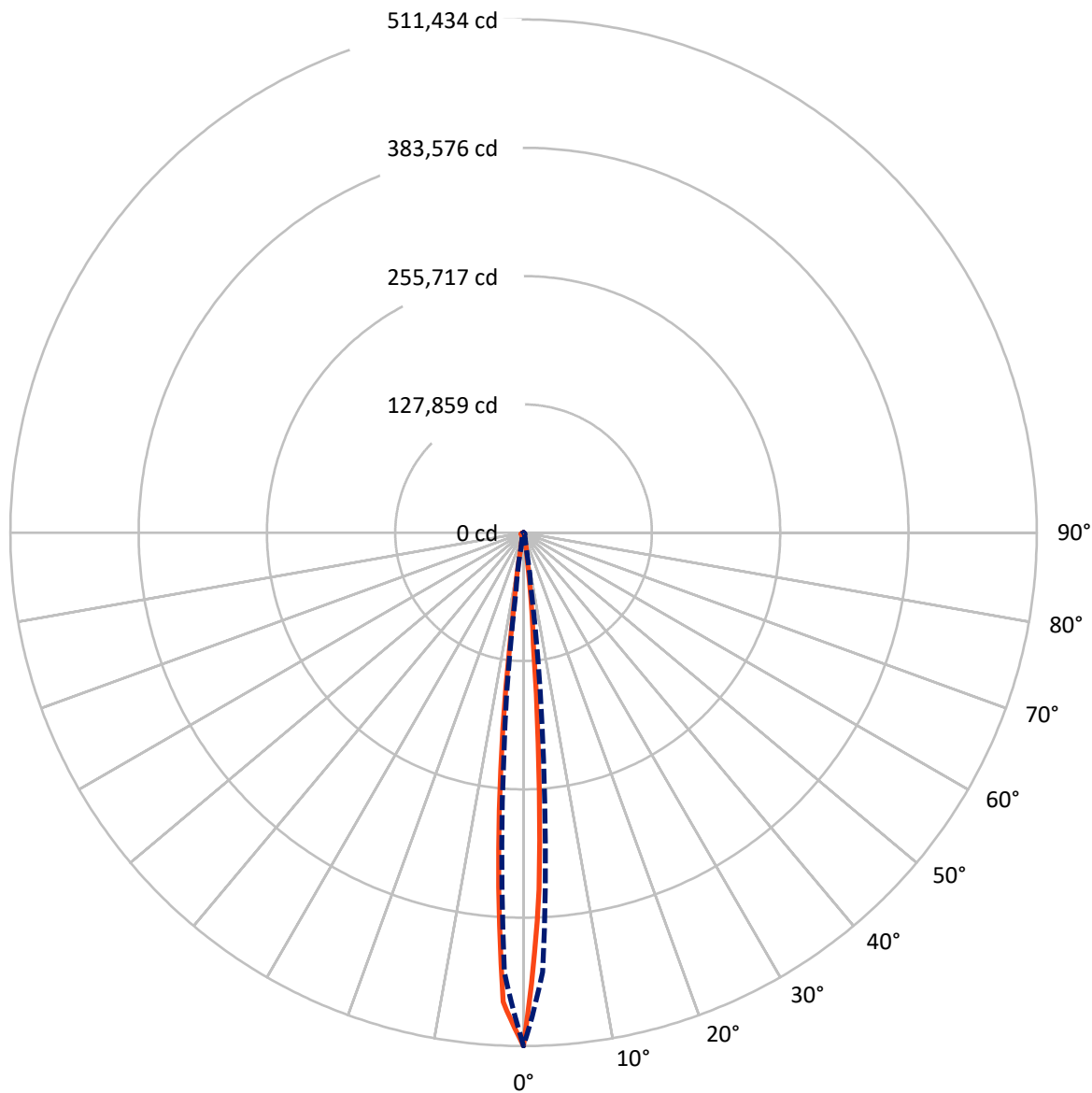
Lumen Table

Vertical Angle (degrees)																
	0.4	4.8		5.3		2.0		0.6		2.0		5.3		4.8		0.4
90																
80	0.4	4.8		5.3		2.0		0.6		2.0		5.3		4.8		0.4
70																
60	0.6	1.1	1.4	1.1	0.9	0.7	0.6	0.3	0.3	0.6	0.7	0.9	1.1	1.4	1.1	0.6
50		0.7	1.0	2.5	5.6	9.2	11.8	13.5	13.5	11.8	9.2	5.6	2.5	1.0	0.7	
40	0.6	0.7	3.0	9.9	19.5	28.5	34.3	38.0	38.0	34.3	28.5	19.5	9.9	3.0	0.7	0.6
30		1.5	7.5	20.3	33.1	38.8	41.9	43.4	43.4	41.9	38.8	33.1	20.3	7.5	1.5	
20	0.9	2.8	12.9	29.6	38.3	39.4	46.5	56.0	56.0	46.5	39.4	38.3	29.6	12.9	2.8	0.9
10		4.4	18.1	36.4	40.8	46.1	81.0	138.0	138.0	81.0	46.1	40.8	36.4	18.1	4.4	
0	1.5	5.7	22.2	40.0	42.4	56.9	154.0	2853.8	2853.8	154.0	56.9	42.4	40.0	22.2	5.7	1.5
-10		6.7	24.3	42.0	43.9	58.8	165.9	4161.0	4161.0	165.9	58.8	43.9	42.0	24.3	6.7	
-20	2.1	7.2	24.9	44.2	47.5	53.0	96.4	185.1	185.1	96.4	53.0	47.5	44.2	24.9	7.2	2.1
-30		6.7	23.7	44.7	53.3	53.4	62.5	76.2	76.2	62.5	53.4	53.3	44.7	23.7	6.7	
-40	2.3	6.0	20.9	42.8	58.7	64.0	66.6	67.1	67.1	66.6	64.0	58.7	42.8	20.9	6.0	2.3
-50		5.3	16.8	36.3	56.6	68.8	77.1	80.9	80.9	77.1	68.8	56.6	36.3	16.8	5.3	
-60	1.8	4.8	13.0	28.2	48.3	64.8	75.3	79.6	79.6	75.3	64.8	48.3	28.2	13.0	4.8	1.8
-70		4.4	11.4	22.9	40.3	56.7	68.6	74.1	74.1	68.6	56.7	40.3	22.9	11.4	4.4	
-80	0.8	13.5		40.0		74.2		81.9		74.2		40.0		13.5		0.8
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



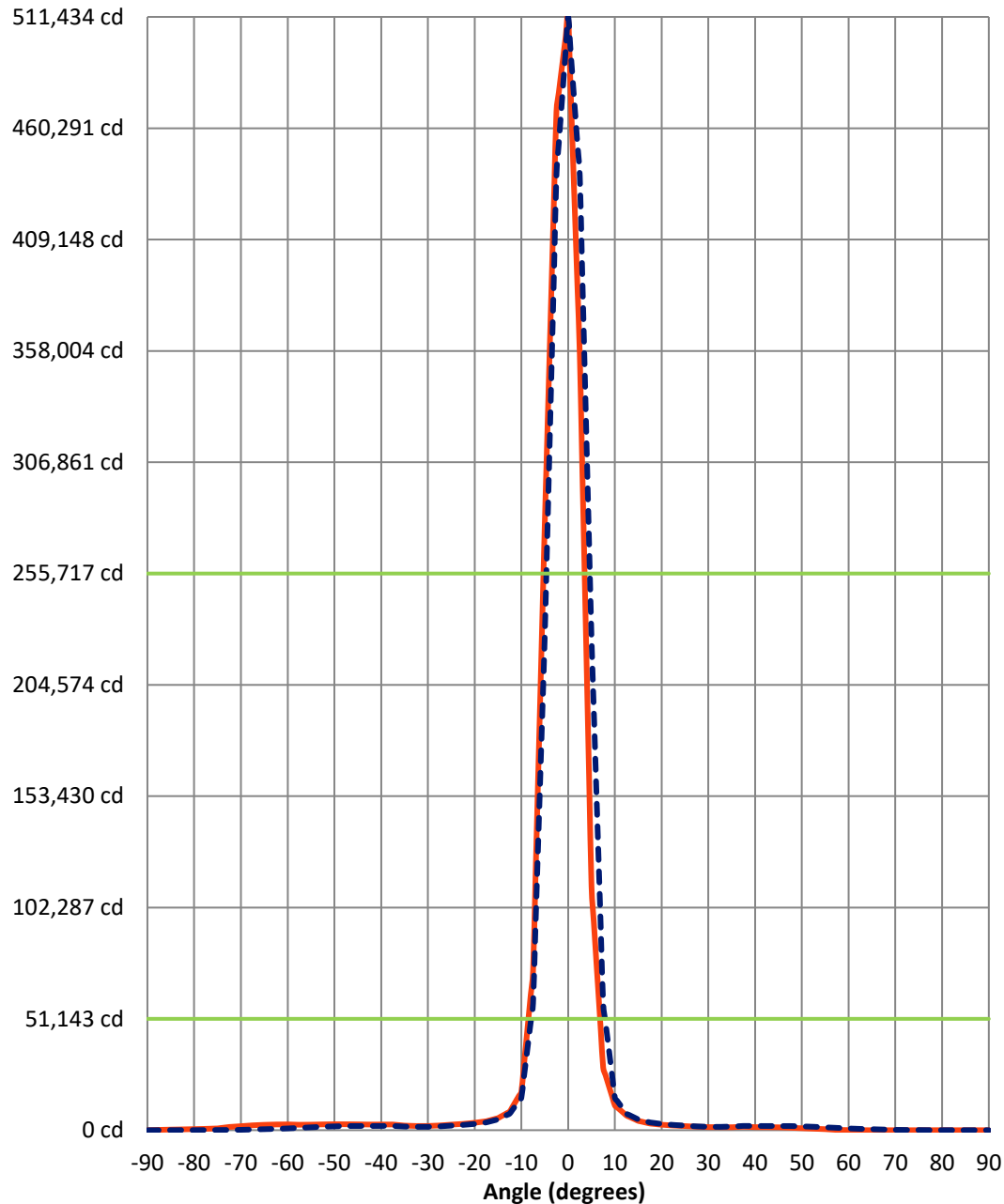
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 7883.3
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 12567.6
Efficiency: 57.8%

Spill:

Lumens: 9171.1
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	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	0.0	5.0	5.0	10.0	10.0	10.0	15.1	20.1	25.1	25.1	30.1
82.5°	0.0	5.0	5.0	10.0	10.0	15.1	15.1	25.1	30.1	35.1	45.2
80°	5.0	5.0	5.0	10.0	10.0	15.1	15.1	20.1	25.1	35.1	40.1
77.5°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	15.1	20.1	25.1	30.1
75°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	15.1	15.1	20.1
72.5°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.1	15.1	15.1
70°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.1	15.1	15.1
67.5°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.1	15.1	15.1
65°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	15.1	15.1	15.1	15.1
62.5°	5.0	5.0	5.0	10.0	15.1	15.1	20.1	25.1	25.1	25.1	25.1
60°	50.2	55.2	60.2	60.2	55.2	55.2	60.2	60.2	60.2	60.2	60.2
57.5°	135.5	145.5	150.5	150.5	150.5	145.5	165.6	170.6	150.5	140.5	155.6
55°	471.7	486.8	476.7	461.7	431.6	396.4	386.4	381.4	386.4	361.3	321.2
52.5°	687.5	702.6	697.5	687.5	667.4	642.3	622.3	602.2	582.1	542.0	496.8
50°	893.3	898.3	893.3	883.2	863.1	838.1	797.9	752.7	712.6	702.6	662.4
47.5°	1124.1	1139.2	1139.2	1134.1	1119.1	1073.9	1013.7	948.5	918.3	908.3	868.2
45°	1329.8	1339.9	1344.9	1349.9	1344.9	1299.7	1244.5	1209.4	1144.2	1124.1	1124.1
42.5°	1385.0	1390.1	1395.1	1400.1	1415.2	1380.0	1334.9	1274.6	1259.6	1254.6	1244.5
40°	1405.1	1395.1	1400.1	1405.1	1410.1	1385.0	1349.9	1314.8	1304.8	1294.7	1294.7
37.5°	1595.8	1550.7	1515.5	1485.4	1460.3	1435.2	1400.1	1370.0	1344.9	1324.8	1344.9
35°	1360.0	1360.0	1395.1	1425.2	1455.3	1485.4	1490.4	1455.3	1400.1	1375.0	1410.1
32.5°	1390.1	1390.1	1390.1	1400.1	1410.1	1435.2	1460.3	1475.4	1515.5	1470.4	1470.4
30°	1420.2	1425.2	1435.2	1440.3	1425.2	1415.2	1405.1	1405.1	1430.2	1495.5	1530.6
27.5°	1595.8	1595.8	1580.8	1560.7	1515.5	1445.3	1410.1	1360.0	1365.0	1395.1	1480.4
25°	1881.9	1871.8	1836.7	1786.5	1706.2	1605.9	1510.5	1405.1	1360.0	1344.9	1380.0
22.5°	2152.8	2137.8	2092.6	2047.5	1982.2	1881.9	1721.3	1560.7	1420.2	1360.0	1344.9
20°	2499.1	2464.0	2413.8	2343.5	2238.2	2137.8	1997.3	1786.5	1580.8	1425.2	1365.0
17.5°	3056.1	3011.0	2915.6	2790.2	2609.5	2453.9	2253.2	2052.5	1821.6	1570.7	1435.2
15°	4275.6	4160.2	3994.6	3648.3	3292.0	2995.9	2694.8	2358.6	2122.7	1791.5	1585.8
12.5°	6724.5	6408.4	5926.6	5118.7	4320.8	3633.2	3146.5	2714.9	2333.5	2027.4	1736.3
10°	11381.5	10704.0	9374.2	7166.1	5695.8	4431.2	3558.0	2980.9	2499.1	2183.0	1861.8
7.5°	28784.9	23480.6	16615.6	11346.4	7452.2	5414.7	4069.8	3231.8	2674.8	2283.3	1962.2
5°	112189.0	92416.9	49299.7	20575.0	11210.9	6548.9	4531.5	3432.5	2790.2	2358.6	2037.4
2.5°	356053.0	307475.9	161318.1	44291.5	13765.2	7376.9	4847.7	3558.0	2855.4	2413.8	2092.6
0°	511434.4	438317.9	226400.3	58252.4	14929.4	7587.7	4948.0	3583.1	2865.4	2423.8	2092.6
-2.5°	467875.6	409482.7	218702.3	54207.6	15255.6	7647.9	5028.3	3668.4	2940.7	2469.0	2107.7
-5°	278008.5	243854.0	152561.2	38650.9	13554.4	7100.9	4817.6	3593.1	2890.5	2443.9	2097.6
-7.5°	73247.0	63411.2	41712.1	20168.5	8772.0	6006.9	4426.1	3467.6	2825.3	2398.7	2057.5
-10°	17659.4	16736.0	14949.5	9163.4	6829.9	5018.3	3924.3	3241.8	2694.8	2338.5	1992.3
-12.5°	8516.0	8315.3	7547.5	6222.7	5068.5	4170.2	3553.0	3006.0	2574.4	2233.1	1901.9
-15°	5540.2	5424.8	5163.8	4657.0	4069.8	3638.3	3206.7	2765.1	2423.8	2077.6	1826.7
-17.5°	4099.9	4094.9	3964.5	3773.8	3482.7	3161.5	2845.4	2564.3	2233.1	1937.1	1746.4
-20°	3397.4	3397.4	3322.1	3196.7	2990.9	2780.1	2569.4	2308.4	2037.4	1816.6	1736.3

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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°	2885.5	2890.5	2850.4	2770.1	2659.7	2484.1	2278.3	2067.5	1871.8	1791.5	1766.4
-25°	2554.3	2544.3	2499.1	2423.8	2308.4	2167.9	2032.4	1891.9	1836.7	1816.6	1851.8
-27.5°	2162.9	2177.9	2157.9	2122.7	2047.5	1947.1	1917.0	1876.8	1886.9	1917.0	2052.5
-30°	1932.0	1947.1	1967.2	1982.2	1957.1	1932.0	1942.1	1972.2	2037.4	2152.8	2203.0
-32.5°	1932.0	1937.1	1967.2	1997.3	2012.3	2032.4	2087.6	2188.0	2283.3	2253.2	2243.2
-35°	2107.7	2092.6	2132.8	2172.9	2228.1	2298.4	2358.6	2338.5	2303.4	2293.4	2303.4
-37.5°	2609.5	2514.2	2474.0	2448.9	2433.9	2423.8	2408.8	2393.7	2378.7	2368.6	2383.7
-40°	2604.5	2579.4	2554.3	2534.2	2519.2	2499.1	2489.1	2484.1	2469.0	2459.0	2448.9
-42.5°	2594.5	2604.5	2604.5	2599.5	2604.5	2599.5	2584.4	2564.3	2539.3	2519.2	2499.1
-45°	2669.7	2674.8	2684.8	2694.8	2709.9	2689.8	2659.7	2624.6	2589.4	2559.3	2534.2
-47.5°	2714.9	2719.9	2730.0	2745.0	2755.0	2735.0	2694.8	2649.7	2594.5	2544.3	2494.1
-50°	2730.0	2745.0	2750.0	2750.0	2745.0	2719.9	2659.7	2594.5	2534.2	2484.1	2438.9
-52.5°	2659.7	2674.8	2679.8	2669.7	2664.7	2639.6	2584.4	2524.2	2459.0	2423.8	2383.7
-55°	2544.3	2564.3	2579.4	2579.4	2579.4	2574.4	2524.2	2469.0	2418.8	2378.7	2338.5
-57.5°	2499.1	2534.2	2564.3	2569.4	2574.4	2579.4	2544.3	2489.1	2428.9	2368.6	2318.5
-60°	2664.7	2694.8	2709.9	2689.8	2674.8	2659.7	2604.5	2539.3	2479.0	2418.8	2323.5
-62.5°	2619.5	2669.7	2694.8	2679.8	2659.7	2634.6	2574.4	2499.1	2428.9	2363.6	2268.3
-65°	2474.0	2519.2	2549.3	2524.2	2494.1	2459.0	2403.8	2333.5	2268.3	2203.0	2117.7
-67.5°	2228.1	2293.4	2343.5	2288.3	2248.2	2203.0	2157.9	2097.6	2032.4	1957.1	1876.8
-70°	1841.7	1891.9	1937.1	1922.0	1912.0	1901.9	1871.8	1811.6	1756.4	1696.2	1625.9
-72.5°	1480.4	1525.6	1565.7	1540.6	1520.5	1490.4	1445.3	1380.0	1314.8	1249.6	1184.3
-75°	818.0	833.0	848.1	843.1	843.1	843.1	843.1	848.1	838.1	823.0	792.9
-77.5°	627.3	647.4	662.4	672.5	687.5	707.6	722.6	697.5	672.5	647.4	617.3
-80°	491.8	511.9	526.9	582.1	622.3	667.4	697.5	662.4	627.3	597.2	572.1
-82.5°	371.4	386.4	401.5	431.6	451.6	476.7	496.8	496.8	491.8	486.8	471.7
-85°	271.0	291.1	311.1	321.2	336.2	336.2	341.2	321.2	301.1	286.0	266.0
-87.5°	155.6	160.6	160.6	160.6	165.6	165.6	165.6	155.6	150.5	140.5	135.5
-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°	5.0	5.0	5.0	10.0	10.0	15.1	15.1	20.1	20.1	25.1	25.1
85°	30.1	30.1	30.1	35.1	35.1	40.1	45.2	50.2	55.2	55.2	60.2
82.5°	50.2	55.2	60.2	65.2	70.3	75.3	80.3	85.3	100.4	110.4	115.4
80°	50.2	55.2	70.3	80.3	90.3	100.4	100.4	100.4	100.4	105.4	115.4
77.5°	35.1	40.1	45.2	55.2	80.3	100.4	115.4	125.5	115.4	110.4	100.4
75°	20.1	25.1	30.1	35.1	50.2	70.3	95.3	120.4	140.5	135.5	125.5
72.5°	20.1	20.1	25.1	30.1	35.1	40.1	45.2	70.3	100.4	125.5	140.5
70°	20.1	25.1	25.1	30.1	35.1	40.1	45.2	55.2	70.3	100.4	130.5
67.5°	20.1	25.1	25.1	35.1	45.2	50.2	55.2	50.2	45.2	65.2	95.3
65°	20.1	20.1	25.1	30.1	35.1	40.1	55.2	55.2	50.2	50.2	50.2
62.5°	30.1	30.1	30.1	30.1	35.1	35.1	35.1	45.2	45.2	45.2	45.2
60°	60.2	55.2	55.2	55.2	55.2	45.2	45.2	45.2	40.1	45.2	40.1
57.5°	145.5	120.4	110.4	110.4	95.3	90.3	75.3	55.2	55.2	45.2	45.2
55°	296.1	281.0	235.9	195.7	175.6	155.6	120.4	100.4	75.3	60.2	55.2
52.5°	456.7	416.5	376.4	326.2	276.0	235.9	200.7	155.6	125.5	90.3	70.3
50°	597.2	562.0	516.9	461.7	396.4	346.3	296.1	235.9	185.7	140.5	100.4
47.5°	813.0	742.7	687.5	622.3	547.0	476.7	411.5	341.2	261.0	205.8	155.6
45°	1043.8	943.4	868.2	807.9	707.6	612.2	537.0	461.7	366.3	271.0	210.8
42.5°	1204.4	1129.1	1028.8	948.5	858.1	757.8	657.4	577.1	476.7	366.3	271.0
40°	1289.7	1239.5	1159.2	1089.0	993.6	883.2	777.8	697.5	592.2	471.7	341.2
37.5°	1354.9	1329.8	1289.7	1234.5	1144.2	1013.7	908.3	813.0	722.6	582.1	441.6
35°	1430.2	1425.2	1400.1	1375.0	1299.7	1174.3	1048.8	938.4	828.0	697.5	542.0
32.5°	1500.5	1495.5	1480.4	1470.4	1440.3	1329.8	1194.4	1068.9	943.4	807.9	637.3
30°	1535.6	1525.6	1525.6	1535.6	1505.5	1435.2	1334.9	1199.4	1058.9	898.3	737.7
27.5°	1535.6	1525.6	1530.6	1545.6	1540.6	1505.5	1430.2	1319.8	1164.2	983.6	828.0
25°	1470.4	1520.5	1520.5	1540.6	1545.6	1535.6	1495.5	1425.2	1264.6	1073.9	898.3
22.5°	1380.0	1500.5	1545.6	1540.6	1545.6	1570.7	1575.7	1510.5	1360.0	1164.2	968.5
20°	1380.0	1465.3	1595.8	1560.7	1570.7	1625.9	1651.0	1595.8	1460.3	1249.6	1038.8
17.5°	1410.1	1465.3	1575.7	1630.9	1646.0	1691.2	1731.3	1696.2	1550.7	1339.9	1134.1
15°	1495.5	1485.4	1560.7	1696.2	1721.3	1756.4	1801.6	1761.4	1630.9	1440.3	1224.5
12.5°	1555.7	1500.5	1560.7	1706.2	1786.5	1821.6	1836.7	1806.6	1701.2	1530.6	1314.8
10°	1636.0	1540.6	1570.7	1696.2	1811.6	1836.7	1851.8	1841.7	1766.4	1605.9	1395.1
7.5°	1696.2	1560.7	1560.7	1681.1	1836.7	1856.8	1866.8	1876.8	1821.6	1671.1	1465.3
5°	1721.3	1560.7	1550.7	1666.1	1861.8	1881.9	1881.9	1896.9	1861.8	1721.3	1515.5
2.5°	1726.3	1555.7	1540.6	1656.0	1907.0	1907.0	1896.9	1912.0	1891.9	1751.4	1550.7
0°	1751.4	1550.7	1535.6	1671.1	1957.1	1937.1	1912.0	1917.0	1907.0	1766.4	1570.7
-2.5°	1751.4	1575.7	1555.7	1681.1	1952.1	1947.1	1937.1	1942.1	1932.0	1811.6	1610.9
-5°	1776.5	1610.9	1590.8	1726.3	1947.1	1962.2	1967.2	1967.2	1952.1	1841.7	1636.0
-7.5°	1781.5	1636.0	1630.9	1771.5	1957.1	1982.2	1997.3	2007.3	1977.2	1861.8	1656.0
-10°	1756.4	1646.0	1671.1	1826.7	1967.2	2002.3	2032.4	2047.5	1997.3	1871.8	1666.1
-12.5°	1701.2	1646.0	1711.2	1896.9	1992.3	2032.4	2077.6	2082.6	2017.4	1876.8	1671.1
-15°	1696.2	1686.1	1781.5	1967.2	2007.3	2057.5	2127.8	2112.7	2032.4	1876.8	1671.1
-17.5°	1691.2	1741.3	1886.9	1992.3	2032.4	2087.6	2142.8	2127.8	2042.4	1876.8	1661.1
-20°	1736.3	1831.7	2012.3	2017.4	2062.5	2122.7	2152.8	2122.7	2027.4	1861.8	1646.0

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CATALOG NUMBER: IFLD-L-SA8D-722-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°	1811.6	1992.3	2052.5	2072.6	2112.7	2157.9	2172.9	2127.8	2012.3	1836.7	1620.9
-25°	2002.3	2092.6	2092.6	2137.8	2177.9	2198.0	2183.0	2132.8	1992.3	1811.6	1595.8
-27.5°	2147.8	2142.8	2167.9	2213.1	2248.2	2248.2	2208.0	2107.7	1962.2	1786.5	1560.7
-30°	2203.0	2208.0	2243.2	2293.4	2303.4	2278.3	2218.1	2087.6	1937.1	1746.4	1515.5
-32.5°	2258.2	2278.3	2323.5	2348.6	2353.6	2303.4	2193.0	2052.5	1896.9	1701.2	1465.3
-35°	2323.5	2363.6	2388.7	2393.7	2368.6	2283.3	2157.9	2007.3	1836.7	1636.0	1420.2
-37.5°	2408.8	2428.9	2443.9	2423.8	2353.6	2253.2	2097.6	1947.1	1781.5	1565.7	1354.9
-40°	2464.0	2474.0	2479.0	2413.8	2328.5	2183.0	2032.4	1876.8	1686.1	1485.4	1284.7
-42.5°	2499.1	2489.1	2448.9	2378.7	2253.2	2112.7	1967.2	1791.5	1600.8	1405.1	1209.4
-45°	2489.1	2453.9	2393.7	2308.4	2177.9	2037.4	1866.8	1691.2	1510.5	1319.8	1124.1
-47.5°	2448.9	2393.7	2318.5	2218.1	2097.6	1927.0	1756.4	1585.8	1410.1	1224.5	1043.8
-50°	2398.7	2333.5	2243.2	2117.7	1957.1	1801.6	1646.0	1480.4	1299.7	1129.1	968.5
-52.5°	2343.5	2273.3	2157.9	2017.4	1841.7	1681.1	1530.6	1370.0	1204.4	1043.8	903.3
-55°	2283.3	2213.1	2082.6	1922.0	1746.4	1570.7	1425.2	1289.7	1129.1	973.5	848.1
-57.5°	2253.2	2162.9	2027.4	1866.8	1681.1	1500.5	1375.0	1229.5	1084.0	923.4	802.9
-60°	2228.1	2137.8	2012.3	1826.7	1651.0	1480.4	1334.9	1194.4	1038.8	888.2	767.8
-62.5°	2157.9	2062.5	1947.1	1766.4	1595.8	1440.3	1309.8	1144.2	993.6	853.1	742.7
-65°	2017.4	1917.0	1816.6	1656.0	1500.5	1354.9	1224.5	1073.9	933.4	813.0	717.6
-67.5°	1796.5	1711.2	1620.9	1485.4	1354.9	1224.5	1104.0	973.5	858.1	772.8	722.6
-70°	1550.7	1460.3	1370.0	1259.6	1149.2	1043.8	948.5	853.1	777.8	732.7	692.5
-72.5°	1129.1	1089.0	1043.8	958.5	868.2	802.9	757.8	717.6	662.4	622.3	597.2
-75°	752.7	697.5	627.3	597.2	602.2	592.2	567.1	537.0	511.9	496.8	461.7
-77.5°	587.1	557.0	521.9	486.8	471.7	456.7	436.6	411.5	391.4	356.3	306.1
-80°	542.0	516.9	491.8	466.7	441.6	406.5	366.3	326.2	306.1	291.1	286.0
-82.5°	446.6	416.5	386.4	361.3	326.2	301.1	276.0	255.9	255.9	250.9	245.9
-85°	255.9	245.9	230.8	220.8	210.8	195.7	180.7	170.6	165.6	160.6	155.6
-87.5°	130.5	125.5	115.4	110.4	105.4	100.4	90.3	85.3	80.3	80.3	75.3
-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-L-SA8D-722-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°	25.1	25.1	20.1	20.1	20.1	15.1	10.0	10.0	5.0	5.0	0.0
85°	60.2	50.2	45.2	40.1	40.1	30.1	20.1	15.1	10.0	5.0	5.0
82.5°	115.4	100.4	85.3	75.3	60.2	45.2	35.1	25.1	15.1	10.0	5.0
80°	130.5	130.5	125.5	105.4	85.3	65.2	45.2	30.1	20.1	15.1	10.0
77.5°	100.4	110.4	110.4	110.4	105.4	80.3	55.2	35.1	20.1	15.1	10.0
75°	115.4	100.4	95.3	100.4	95.3	80.3	65.2	40.1	25.1	20.1	10.0
72.5°	140.5	120.4	105.4	100.4	90.3	75.3	60.2	45.2	25.1	20.1	15.1
70°	130.5	125.5	115.4	105.4	90.3	75.3	60.2	45.2	30.1	20.1	15.1
67.5°	115.4	115.4	115.4	105.4	90.3	70.3	55.2	40.1	30.1	20.1	15.1
65°	80.3	95.3	105.4	100.4	90.3	70.3	55.2	40.1	30.1	25.1	15.1
62.5°	50.2	65.2	85.3	95.3	85.3	70.3	50.2	40.1	30.1	25.1	15.1
60°	45.2	50.2	60.2	75.3	80.3	65.2	50.2	35.1	30.1	25.1	15.1
57.5°	45.2	45.2	50.2	60.2	65.2	60.2	45.2	30.1	30.1	25.1	20.1
55°	50.2	45.2	45.2	50.2	55.2	55.2	45.2	30.1	30.1	25.1	20.1
52.5°	60.2	50.2	45.2	45.2	45.2	50.2	40.1	30.1	30.1	25.1	20.1
50°	75.3	60.2	55.2	45.2	45.2	45.2	40.1	30.1	25.1	25.1	20.1
47.5°	100.4	80.3	60.2	55.2	45.2	40.1	35.1	30.1	25.1	25.1	20.1
45°	150.5	95.3	80.3	60.2	50.2	45.2	40.1	30.1	25.1	25.1	20.1
42.5°	205.8	140.5	100.4	70.3	55.2	45.2	40.1	35.1	25.1	25.1	20.1
40°	261.0	190.7	125.5	90.3	65.2	50.2	40.1	35.1	30.1	25.1	20.1
37.5°	321.2	235.9	165.6	115.4	75.3	55.2	45.2	35.1	30.1	25.1	20.1
35°	396.4	296.1	205.8	140.5	90.3	65.2	50.2	35.1	30.1	25.1	20.1
32.5°	481.8	351.3	245.9	170.6	115.4	80.3	55.2	40.1	30.1	25.1	20.1
30°	562.0	416.5	291.1	205.8	140.5	90.3	60.2	40.1	30.1	25.1	15.1
27.5°	642.3	481.8	346.3	240.9	170.6	105.4	65.2	45.2	30.1	25.1	20.1
25°	722.6	547.0	401.5	276.0	195.7	125.5	80.3	50.2	30.1	25.1	20.1
22.5°	792.9	612.2	451.6	316.2	225.8	145.5	90.3	55.2	35.1	25.1	20.1
20°	873.2	682.5	506.8	361.3	250.9	165.6	100.4	60.2	35.1	25.1	20.1
17.5°	948.5	752.7	562.0	401.5	281.0	185.7	115.4	65.2	40.1	25.1	20.1
15°	1023.7	818.0	612.2	441.6	311.1	205.8	125.5	70.3	45.2	25.1	20.1
12.5°	1094.0	878.2	657.4	476.7	336.2	225.8	135.5	75.3	50.2	25.1	20.1
10°	1159.2	933.4	702.6	506.8	361.3	240.9	145.5	85.3	55.2	25.1	20.1
7.5°	1224.5	978.6	737.7	537.0	391.4	261.0	155.6	90.3	60.2	30.1	20.1
5°	1264.6	1018.7	767.8	562.0	416.5	281.0	165.6	95.3	65.2	30.1	20.1
2.5°	1299.7	1048.8	787.9	587.1	441.6	296.1	165.6	100.4	70.3	30.1	20.1
0°	1319.8	1068.9	802.9	602.2	461.7	306.1	170.6	105.4	75.3	30.1	20.1
-2.5°	1365.0	1104.0	838.1	622.3	481.8	336.2	180.7	110.4	80.3	35.1	20.1
-5°	1395.1	1124.1	863.1	642.3	496.8	366.3	195.7	120.4	90.3	45.2	25.1
-7.5°	1420.2	1144.2	883.2	652.4	511.9	376.4	200.7	125.5	95.3	50.2	25.1
-10°	1425.2	1154.2	898.3	667.4	521.9	391.4	205.8	130.5	100.4	55.2	25.1
-12.5°	1430.2	1164.2	903.3	677.5	531.9	401.5	210.8	135.5	105.4	60.2	25.1
-15°	1425.2	1159.2	903.3	687.5	537.0	391.4	220.8	140.5	110.4	65.2	25.1
-17.5°	1415.2	1154.2	898.3	682.5	531.9	381.4	225.8	150.5	110.4	70.3	30.1
-20°	1400.1	1139.2	888.2	677.5	526.9	371.4	230.8	155.6	115.4	70.3	30.1

REPORT NUMBER: P723632

CATALOG NUMBER: IFLD-L-SA8D-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1375.0	1114.1	868.2	662.4	516.9	361.3	230.8	165.6	120.4	70.3	30.1
-25°	1344.9	1089.0	848.1	642.3	501.8	346.3	230.8	170.6	125.5	70.3	30.1
-27.5°	1309.8	1063.9	818.0	627.3	481.8	336.2	230.8	175.6	130.5	70.3	30.1
-30°	1269.6	1028.8	792.9	602.2	466.7	336.2	235.9	180.7	135.5	70.3	30.1
-32.5°	1229.5	993.6	762.8	582.1	446.6	331.2	235.9	185.7	140.5	65.2	35.1
-35°	1184.3	953.5	737.7	567.1	431.6	321.2	240.9	185.7	135.5	65.2	35.1
-37.5°	1129.1	903.3	712.6	552.0	421.5	311.1	240.9	190.7	130.5	65.2	35.1
-40°	1068.9	863.1	682.5	531.9	406.5	306.1	240.9	190.7	125.5	65.2	40.1
-42.5°	1003.7	818.0	652.4	511.9	391.4	301.1	240.9	190.7	120.4	65.2	40.1
-45°	943.4	772.8	617.3	486.8	376.4	301.1	240.9	185.7	110.4	70.3	40.1
-47.5°	878.2	722.6	577.1	461.7	371.4	296.1	235.9	175.6	100.4	70.3	40.1
-50°	823.0	672.5	547.0	436.6	361.3	301.1	240.9	160.6	100.4	70.3	40.1
-52.5°	767.8	637.3	511.9	426.6	351.3	306.1	235.9	150.5	100.4	70.3	40.1
-55°	722.6	602.2	491.8	411.5	361.3	316.2	225.8	135.5	100.4	70.3	40.1
-57.5°	687.5	582.1	476.7	416.5	376.4	306.1	210.8	130.5	100.4	65.2	40.1
-60°	662.4	562.0	481.8	436.6	381.4	291.1	200.7	130.5	100.4	65.2	35.1
-62.5°	642.3	567.1	506.8	451.6	361.3	271.0	190.7	130.5	90.3	60.2	35.1
-65°	647.4	587.1	516.9	431.6	346.3	250.9	175.6	125.5	85.3	55.2	35.1
-67.5°	662.4	572.1	486.8	406.5	311.1	225.8	160.6	115.4	80.3	55.2	35.1
-70°	612.2	526.9	441.6	346.3	266.0	195.7	150.5	105.4	70.3	50.2	35.1
-72.5°	552.0	441.6	351.3	281.0	225.8	180.7	135.5	95.3	65.2	45.2	30.1
-75°	401.5	321.2	261.0	235.9	200.7	160.6	120.4	85.3	60.2	45.2	30.1
-77.5°	286.0	266.0	240.9	215.8	180.7	140.5	105.4	80.3	55.2	40.1	25.1
-80°	281.0	255.9	225.8	185.7	150.5	120.4	90.3	70.3	50.2	35.1	20.1
-82.5°	235.9	200.7	170.6	140.5	115.4	95.3	75.3	55.2	40.1	25.1	15.1
-85°	145.5	125.5	110.4	95.3	80.3	65.2	50.2	35.1	25.1	15.1	10.0
-87.5°	70.3	65.2	55.2	45.2	40.1	30.1	25.1	20.1	15.1	10.0	5.0
-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-L-SA8D-722-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°	5.0	0.0	0.0	0.0
80°	5.0	0.0	0.0	0.0
77.5°	5.0	0.0	0.0	0.0
75°	5.0	5.0	0.0	0.0
72.5°	5.0	5.0	0.0	0.0
70°	10.0	5.0	5.0	0.0
67.5°	10.0	5.0	5.0	0.0
65°	10.0	5.0	5.0	0.0
62.5°	10.0	5.0	5.0	0.0
60°	10.0	5.0	5.0	0.0
57.5°	10.0	5.0	5.0	0.0
55°	10.0	5.0	5.0	0.0
52.5°	10.0	5.0	5.0	0.0
50°	10.0	5.0	5.0	0.0
47.5°	10.0	10.0	5.0	0.0
45°	10.0	10.0	5.0	0.0
42.5°	10.0	10.0	5.0	0.0
40°	10.0	10.0	5.0	0.0
37.5°	10.0	10.0	5.0	0.0
35°	10.0	10.0	5.0	0.0
32.5°	15.1	10.0	5.0	0.0
30°	15.1	10.0	10.0	0.0
27.5°	15.1	10.0	10.0	0.0
25°	15.1	10.0	10.0	0.0
22.5°	15.1	10.0	10.0	0.0
20°	15.1	10.0	10.0	0.0
17.5°	15.1	10.0	10.0	0.0
15°	15.1	10.0	10.0	0.0
12.5°	15.1	10.0	10.0	0.0
10°	15.1	10.0	10.0	0.0
7.5°	15.1	10.0	10.0	0.0
5°	15.1	10.0	10.0	0.0
2.5°	15.1	10.0	10.0	0.0
0°	15.1	10.0	10.0	0.0
-2.5°	15.1	10.0	10.0	0.0
-5°	15.1	10.0	10.0	0.0
-7.5°	15.1	10.0	10.0	0.0
-10°	15.1	10.0	10.0	0.0
-12.5°	20.1	10.0	10.0	0.0
-15°	20.1	10.0	10.0	0.0
-17.5°	20.1	10.0	10.0	0.0
-20°	20.1	10.0	10.0	0.0

REPORT NUMBER: P723632

CATALOG NUMBER: IFLD-L-SA8D-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.1	10.0	10.0	0.0
-25°	20.1	10.0	10.0	0.0
-27.5°	20.1	10.0	10.0	0.0
-30°	20.1	10.0	10.0	0.0
-32.5°	20.1	10.0	10.0	0.0
-35°	20.1	10.0	10.0	0.0
-37.5°	20.1	10.0	10.0	0.0
-40°	20.1	10.0	10.0	0.0
-42.5°	15.1	10.0	5.0	0.0
-45°	20.1	10.0	5.0	0.0
-47.5°	20.1	10.0	5.0	0.0
-50°	20.1	10.0	5.0	0.0
-52.5°	20.1	10.0	5.0	0.0
-55°	20.1	10.0	5.0	0.0
-57.5°	20.1	10.0	5.0	0.0
-60°	20.1	10.0	5.0	0.0
-62.5°	20.1	10.0	5.0	0.0
-65°	20.1	10.0	5.0	0.0
-67.5°	20.1	10.0	5.0	0.0
-70°	20.1	5.0	5.0	0.0
-72.5°	15.1	5.0	5.0	0.0
-75°	15.1	5.0	5.0	0.0
-77.5°	10.0	5.0	0.0	0.0
-80°	10.0	5.0	0.0	0.0
-82.5°	10.0	5.0	0.0	0.0
-85°	5.0	0.0	0.0	0.0
-87.5°	5.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)