

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: P723627

Luminaire Tested: **IFLD-L-SA7D-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723627
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19021.3 lumens	Max Intensity:	447504 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	45.0 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:	6897.9 lumens	Field Lumens:	10996.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

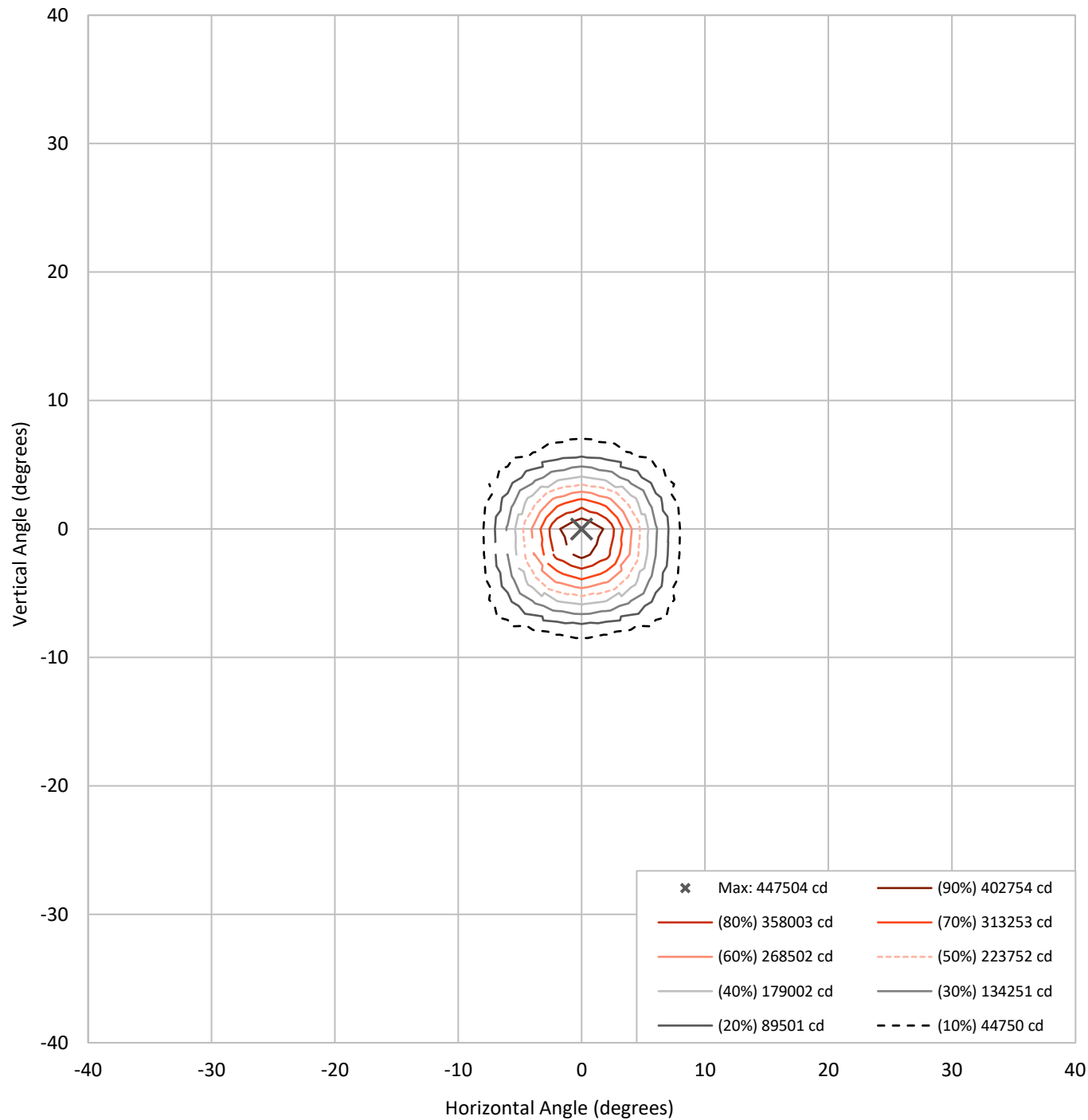
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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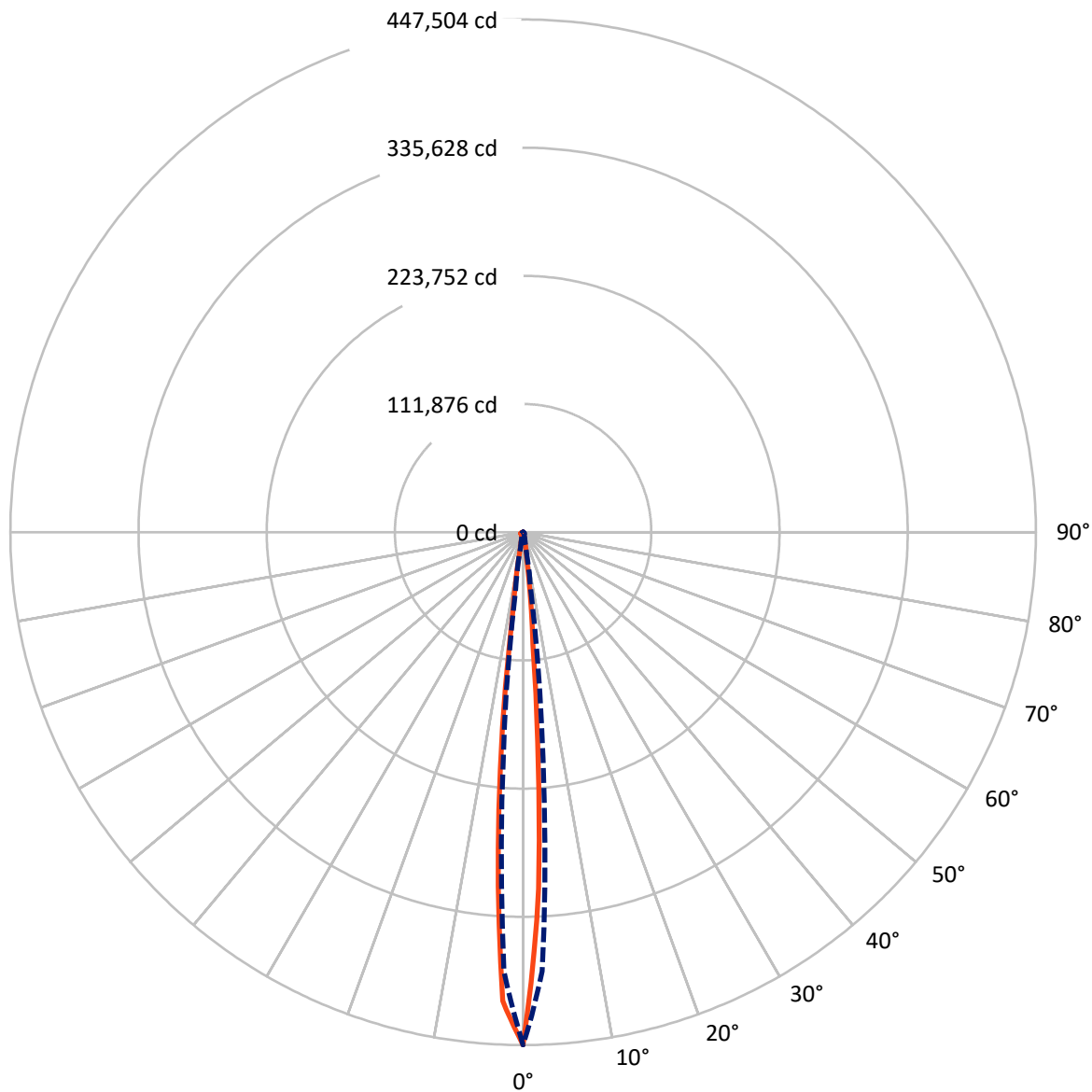
Lumen Table

90																				
80	0.3	4.2		4.6		1.8		0.5		1.8		4.6		4.2		0.3				
70																				
60	0.5	1.0	1.2	0.9	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	0.9	1.2	1.0	0.5				
50		0.6	0.9	2.2	4.9	8.0	10.3	11.8	11.8	10.3	8.0	4.9	2.2	0.9	0.6					
40	0.5	0.6	2.6	8.7	17.1	24.9	30.0	33.3	33.3	30.0	24.9	17.1	8.7	2.6	0.6	0.5				
30		1.3	6.6	17.8	28.9	34.0	36.7	38.0	38.0	36.7	34.0	28.9	17.8	6.6	1.3					
20	0.8	2.5	11.3	25.9	33.5	34.5	40.7	49.0	49.0	40.7	34.5	33.5	25.9	11.3	2.5	0.8				
10		3.9	15.8	31.8	35.7	40.3	70.9	120.7	120.7	70.9	40.3	35.7	31.8	15.8	3.9					
0	1.3	5.0	19.4	35.0	37.1	49.8	134.7	2497.0	2497.0	134.7	49.8	37.1	35.0	19.4	5.0	1.3				
-10		5.9	21.2	36.7	38.4	51.4	145.2	3640.9	3640.9	145.2	51.4	38.4	36.7	21.2	5.9					
-20	1.8	6.3	21.8	38.7	41.6	46.4	84.4	162.0	162.0	84.4	46.4	41.6	38.7	21.8	6.3	1.8				
-30		5.9	20.7	39.2	46.7	46.7	54.6	66.7	66.7	54.6	46.7	46.7	39.2	20.7	5.9					
-40	2.0	5.3	18.3	37.4	51.4	56.0	58.3	58.7	58.7	58.3	56.0	51.4	37.4	18.3	5.3	2.0				
-50		4.6	14.7	31.8	49.5	60.2	67.5	70.8	70.8	67.5	60.2	49.5	31.8	14.7	4.6					
-60	1.6	4.2	11.4	24.6	42.2	56.7	65.9	69.7	69.7	65.9	56.7	42.2	24.6	11.4	4.2	1.6				
-70		3.9	10.0	20.1	35.2	49.6	60.0	64.8	64.8	60.0	49.6	35.2	20.1	10.0	3.9					
-80	0.7	11.8		35.0		64.9		71.7		64.9		35.0		11.8		0.7				
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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Luminous Intensity Polar Plot



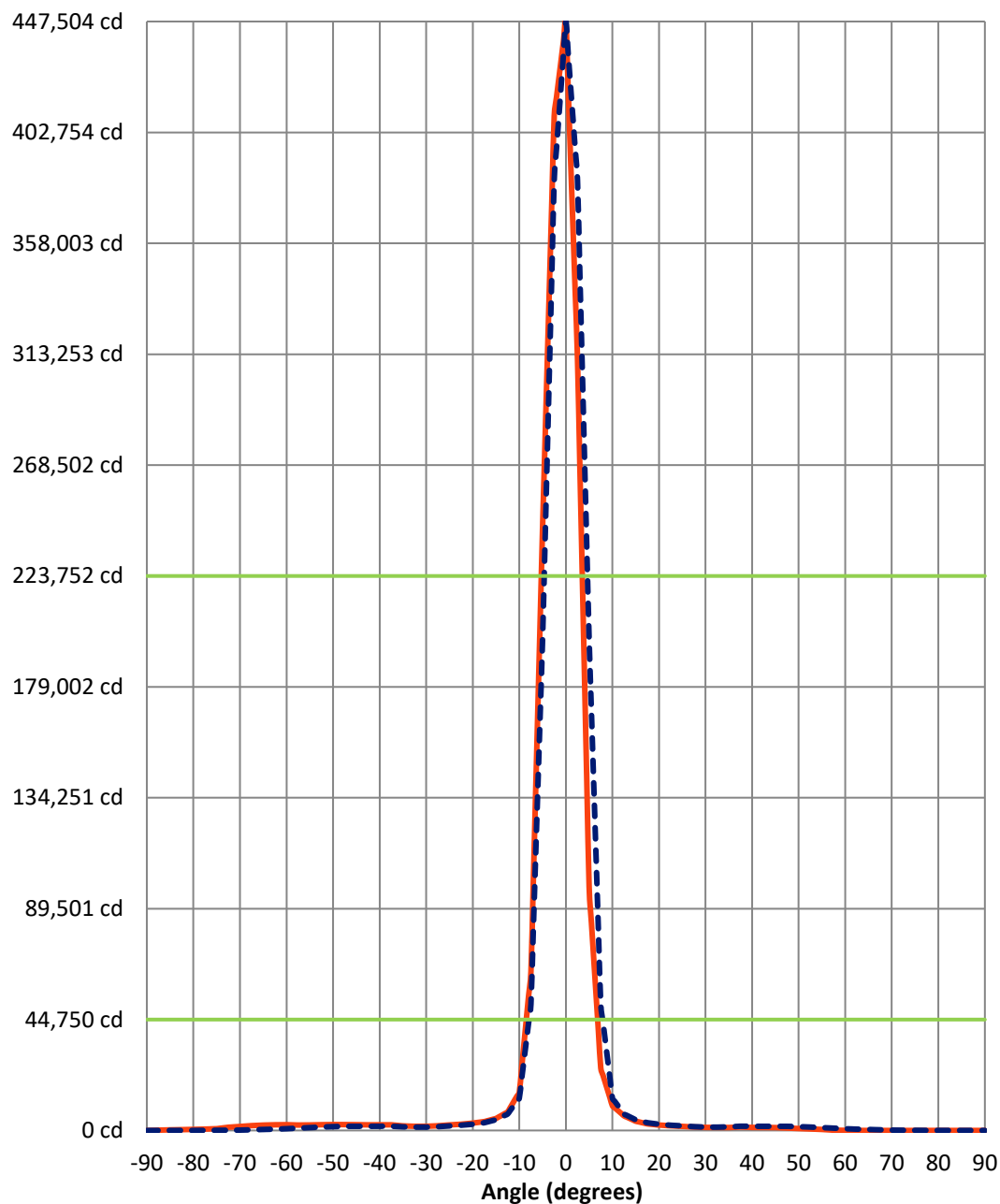
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6897.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10996.6

Efficiency: 57.8%

Spill:

Lumens: 8024.7

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	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	8.8	8.8	8.8	13.2	17.6	22.0	22.0	26.3
82.5°	0.0	4.4	4.4	8.8	8.8	13.2	13.2	22.0	26.3	30.7	39.5
80°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	17.6	22.0	30.7	35.1
77.5°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	13.2	17.6	22.0	26.3
75°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.2	13.2	17.6
72.5°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8	13.2	13.2	13.2
70°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8	13.2	13.2	13.2
67.5°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	8.8	13.2	13.2	13.2
65°	0.0	0.0	0.0	4.4	4.4	8.8	8.8	13.2	13.2	13.2	13.2
62.5°	4.4	4.4	4.4	8.8	13.2	13.2	17.6	22.0	22.0	22.0	22.0
60°	43.9	48.3	52.7	52.7	48.3	48.3	52.7	52.7	52.7	52.7	52.7
57.5°	118.6	127.3	131.7	131.7	131.7	127.3	144.9	149.3	131.7	122.9	136.1
55°	412.8	425.9	417.1	404.0	377.6	346.9	338.1	333.7	338.1	316.2	281.0
52.5°	601.6	614.7	610.3	601.6	584.0	562.0	544.5	526.9	509.4	474.2	434.7
50°	781.6	786.0	781.6	772.8	755.3	733.3	698.2	658.6	623.5	614.7	579.6
47.5°	983.6	996.8	996.8	992.4	979.2	939.7	887.0	829.9	803.6	794.8	759.6
45°	1163.6	1172.4	1176.8	1181.2	1176.8	1137.3	1089.0	1058.2	1001.1	983.6	983.6
42.5°	1211.9	1216.3	1220.7	1225.1	1238.3	1207.5	1168.0	1115.3	1102.1	1097.7	1089.0
40°	1229.5	1220.7	1225.1	1229.5	1233.9	1211.9	1181.2	1150.4	1141.7	1132.9	1132.9
37.5°	1396.3	1356.8	1326.1	1299.7	1277.8	1255.8	1225.1	1198.7	1176.8	1159.2	1176.8
35°	1190.0	1190.0	1220.7	1247.0	1273.4	1299.7	1304.1	1273.4	1225.1	1203.1	1233.9
32.5°	1216.3	1216.3	1216.3	1225.1	1233.9	1255.8	1277.8	1291.0	1326.1	1286.6	1286.6
30°	1242.7	1247.0	1255.8	1260.2	1247.0	1238.3	1229.5	1229.5	1251.4	1308.5	1339.3
27.5°	1396.3	1396.3	1383.2	1365.6	1326.1	1264.6	1233.9	1190.0	1194.4	1220.7	1295.3
25°	1646.6	1637.8	1607.1	1563.2	1492.9	1405.1	1321.7	1229.5	1190.0	1176.8	1207.5
22.5°	1883.7	1870.6	1831.0	1791.5	1734.4	1646.6	1506.1	1365.6	1242.7	1190.0	1176.8
20°	2186.7	2156.0	2112.1	2050.6	1958.4	1870.6	1747.6	1563.2	1383.2	1247.0	1194.4
17.5°	2674.1	2634.6	2551.2	2441.4	2283.3	2147.2	1971.6	1795.9	1593.9	1374.4	1255.8
15°	3741.1	3640.1	3495.2	3192.3	2880.5	2621.4	2358.0	2063.8	1857.4	1567.6	1387.6
12.5°	5883.9	5607.3	5185.8	4478.8	3780.6	3179.1	2753.2	2375.5	2041.8	1774.0	1519.3
10°	9958.8	9366.0	8202.4	6270.3	4983.8	3877.2	3113.2	2608.3	2186.7	1910.1	1629.1
7.5°	25186.8	20545.5	14538.6	9928.0	6520.6	4737.9	3561.1	2827.8	2340.4	1997.9	1716.9
5°	98165.1	80864.6	43137.1	18003.1	9809.5	5730.3	3965.1	3003.4	2441.4	2063.8	1782.7
2.5°	311545.6	269040.7	141153.0	38754.9	12044.5	6454.8	4241.7	3113.2	2498.5	2112.1	1831.0
0°	447504.0	383527.2	198099.8	50970.7	13063.2	6639.2	4329.5	3135.2	2507.3	2120.9	1831.0
-2.5°	409390.1	358296.5	191364.0	47431.5	13348.6	6691.9	4399.8	3209.8	2573.1	2160.4	1844.2
-5°	243256.8	213371.7	133490.7	33819.5	11860.1	6213.3	4215.4	3144.0	2529.2	2138.4	1835.4
-7.5°	64091.0	55484.6	36498.0	17647.4	7675.5	5256.0	3872.9	3034.2	2472.1	2098.9	1800.3
-10°	15451.9	14644.0	13080.8	8018.0	5976.1	4391.0	3433.8	2836.6	2358.0	2046.2	1743.2
-12.5°	7451.5	7275.9	6604.1	5444.8	4434.9	3648.9	3108.8	2630.2	2252.6	1954.0	1664.2
-15°	4847.7	4746.7	4518.3	4074.8	3561.1	3183.5	2805.8	2419.4	2120.9	1817.9	1598.3
-17.5°	3587.4	3583.1	3468.9	3302.0	3047.4	2766.3	2489.7	2243.8	1954.0	1694.9	1528.1
-20°	2972.7	2972.7	2906.8	2797.1	2617.0	2432.6	2248.2	2019.9	1782.7	1589.5	1519.3

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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°	2524.8	2529.2	2494.1	2423.8	2327.2	2173.5	1993.5	1809.1	1637.8	1567.6	1545.6
-25°	2235.0	2226.2	2186.7	2120.9	2019.9	1896.9	1778.4	1655.4	1607.1	1589.5	1620.3
-27.5°	1892.5	1905.7	1888.1	1857.4	1791.5	1703.7	1677.4	1642.2	1651.0	1677.4	1795.9
-30°	1690.5	1703.7	1721.3	1734.4	1712.5	1690.5	1699.3	1725.7	1782.7	1883.7	1927.6
-32.5°	1690.5	1694.9	1721.3	1747.6	1760.8	1778.4	1826.7	1914.5	1997.9	1971.6	1962.8
-35°	1844.2	1831.0	1866.2	1901.3	1949.6	2011.1	2063.8	2046.2	2015.5	2006.7	2015.5
-37.5°	2283.3	2199.9	2164.8	2142.8	2129.6	2120.9	2107.7	2094.5	2081.3	2072.6	2085.7
-40°	2278.9	2257.0	2235.0	2217.5	2204.3	2186.7	2177.9	2173.5	2160.4	2151.6	2142.8
-42.5°	2270.1	2278.9	2278.9	2274.5	2278.9	2274.5	2261.4	2243.8	2221.8	2204.3	2186.7
-45°	2336.0	2340.4	2349.2	2358.0	2371.1	2353.6	2327.2	2296.5	2265.8	2239.4	2217.5
-47.5°	2375.5	2379.9	2388.7	2401.9	2410.7	2393.1	2358.0	2318.4	2270.1	2226.2	2182.3
-50°	2388.7	2401.9	2406.3	2406.3	2401.9	2379.9	2327.2	2270.1	2217.5	2173.5	2134.0
-52.5°	2327.2	2340.4	2344.8	2336.0	2331.6	2309.7	2261.4	2208.7	2151.6	2120.9	2085.7
-55°	2226.2	2243.8	2257.0	2257.0	2257.0	2252.6	2208.7	2160.4	2116.5	2081.3	2046.2
-57.5°	2186.7	2217.5	2243.8	2248.2	2252.6	2257.0	2226.2	2177.9	2125.2	2072.6	2028.6
-60°	2331.6	2358.0	2371.1	2353.6	2340.4	2327.2	2278.9	2221.8	2169.2	2116.5	2033.0
-62.5°	2292.1	2336.0	2358.0	2344.8	2327.2	2305.3	2252.6	2186.7	2125.2	2068.2	1984.7
-65°	2164.8	2204.3	2230.6	2208.7	2182.3	2151.6	2103.3	2041.8	1984.7	1927.6	1853.0
-67.5°	1949.6	2006.7	2050.6	2002.3	1967.2	1927.6	1888.1	1835.4	1778.4	1712.5	1642.2
-70°	1611.5	1655.4	1694.9	1681.8	1673.0	1664.2	1637.8	1585.1	1536.8	1484.2	1422.7
-72.5°	1295.3	1334.9	1370.0	1348.0	1330.5	1304.1	1264.6	1207.5	1150.4	1093.4	1036.3
-75°	715.7	728.9	742.1	737.7	737.7	737.7	737.7	742.1	733.3	720.1	693.8
-77.5°	548.9	566.4	579.6	588.4	601.6	619.1	632.3	610.3	588.4	566.4	540.1
-80°	430.3	447.9	461.1	509.4	544.5	584.0	610.3	579.6	548.9	522.5	500.6
-82.5°	324.9	338.1	351.3	377.6	395.2	417.1	434.7	434.7	430.3	425.9	412.8
-85°	237.1	254.7	272.2	281.0	294.2	294.2	298.6	281.0	263.5	250.3	232.7
-87.5°	136.1	140.5	140.5	140.5	144.9	144.9	144.9	136.1	131.7	122.9	118.6
-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°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	17.6	17.6	22.0	22.0
85°	26.3	26.3	26.3	30.7	30.7	35.1	39.5	43.9	48.3	48.3	52.7
82.5°	43.9	48.3	52.7	57.1	61.5	65.9	70.3	74.6	87.8	96.6	101.0
80°	43.9	48.3	61.5	70.3	79.0	87.8	87.8	87.8	87.8	92.2	101.0
77.5°	30.7	35.1	39.5	48.3	70.3	87.8	101.0	109.8	101.0	96.6	87.8
75°	17.6	22.0	26.3	30.7	43.9	61.5	83.4	105.4	122.9	118.6	109.8
72.5°	17.6	17.6	22.0	26.3	30.7	35.1	39.5	61.5	87.8	109.8	122.9
70°	17.6	22.0	22.0	26.3	30.7	35.1	39.5	48.3	61.5	87.8	114.2
67.5°	17.6	22.0	22.0	30.7	39.5	43.9	48.3	43.9	39.5	57.1	83.4
65°	17.6	17.6	22.0	26.3	30.7	35.1	48.3	48.3	43.9	43.9	43.9
62.5°	26.3	26.3	26.3	26.3	30.7	30.7	30.7	39.5	39.5	39.5	39.5
60°	52.7	48.3	48.3	48.3	48.3	39.5	39.5	39.5	35.1	39.5	35.1
57.5°	127.3	105.4	96.6	96.6	83.4	79.0	65.9	48.3	48.3	39.5	39.5
55°	259.1	245.9	206.4	171.2	153.7	136.1	105.4	87.8	65.9	52.7	48.3
52.5°	399.6	364.5	329.3	285.4	241.5	206.4	175.6	136.1	109.8	79.0	61.5
50°	522.5	491.8	452.3	404.0	346.9	303.0	259.1	206.4	162.5	122.9	87.8
47.5°	711.3	649.9	601.6	544.5	478.6	417.1	360.1	298.6	228.3	180.0	136.1
45°	913.3	825.5	759.6	707.0	619.1	535.7	469.8	404.0	320.5	237.1	184.4
42.5°	1053.8	988.0	900.2	829.9	750.9	663.0	575.2	505.0	417.1	320.5	237.1
40°	1128.5	1084.6	1014.3	952.8	869.4	772.8	680.6	610.3	518.1	412.8	298.6
37.5°	1185.6	1163.6	1128.5	1080.2	1001.1	887.0	794.8	711.3	632.3	509.4	386.4
35°	1251.4	1247.0	1225.1	1203.1	1137.3	1027.5	917.7	821.1	724.5	610.3	474.2
32.5°	1312.9	1308.5	1295.3	1286.6	1260.2	1163.6	1045.1	935.3	825.5	707.0	557.7
30°	1343.6	1334.9	1334.9	1343.6	1317.3	1255.8	1168.0	1049.4	926.5	786.0	645.5
27.5°	1343.6	1334.9	1339.3	1352.4	1348.0	1317.3	1251.4	1154.8	1018.7	860.6	724.5
25°	1286.6	1330.5	1330.5	1348.0	1352.4	1343.6	1308.5	1247.0	1106.5	939.7	786.0
22.5°	1207.5	1312.9	1352.4	1348.0	1352.4	1374.4	1378.8	1321.7	1190.0	1018.7	847.5
20°	1207.5	1282.2	1396.3	1365.6	1374.4	1422.7	1444.6	1396.3	1277.8	1093.4	908.9
17.5°	1233.9	1282.2	1378.8	1427.1	1440.2	1479.8	1514.9	1484.2	1356.8	1172.4	992.4
15°	1308.5	1299.7	1365.6	1484.2	1506.1	1536.8	1576.4	1541.2	1427.1	1260.2	1071.4
12.5°	1361.2	1312.9	1365.6	1492.9	1563.2	1593.9	1607.1	1580.8	1488.5	1339.3	1150.4
10°	1431.5	1348.0	1374.4	1484.2	1585.1	1607.1	1620.3	1611.5	1545.6	1405.1	1220.7
7.5°	1484.2	1365.6	1365.6	1471.0	1607.1	1624.7	1633.5	1642.2	1593.9	1462.2	1282.2
5°	1506.1	1365.6	1356.8	1457.8	1629.1	1646.6	1646.6	1659.8	1629.1	1506.1	1326.1
2.5°	1510.5	1361.2	1348.0	1449.0	1668.6	1668.6	1659.8	1673.0	1655.4	1532.5	1356.8
0°	1532.5	1356.8	1343.6	1462.2	1712.5	1694.9	1673.0	1677.4	1668.6	1545.6	1374.4
-2.5°	1532.5	1378.8	1361.2	1471.0	1708.1	1703.7	1694.9	1699.3	1690.5	1585.1	1409.5
-5°	1554.4	1409.5	1391.9	1510.5	1703.7	1716.9	1721.3	1721.3	1708.1	1611.5	1431.5
-7.5°	1558.8	1431.5	1427.1	1550.0	1712.5	1734.4	1747.6	1756.4	1730.1	1629.1	1449.0
-10°	1536.8	1440.2	1462.2	1598.3	1721.3	1752.0	1778.4	1791.5	1747.6	1637.8	1457.8
-12.5°	1488.5	1440.2	1497.3	1659.8	1743.2	1778.4	1817.9	1822.3	1765.2	1642.2	1462.2
-15°	1484.2	1475.4	1558.8	1721.3	1756.4	1800.3	1861.8	1848.6	1778.4	1642.2	1462.2
-17.5°	1479.8	1523.7	1651.0	1743.2	1778.4	1826.7	1875.0	1861.8	1787.1	1642.2	1453.4
-20°	1519.3	1602.7	1760.8	1765.2	1804.7	1857.4	1883.7	1857.4	1774.0	1629.1	1440.2

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CATALOG NUMBER: IFLD-L-SA7D-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°	1585.1	1743.2	1795.9	1813.5	1848.6	1888.1	1901.3	1861.8	1760.8	1607.1	1418.3
-25°	1752.0	1831.0	1831.0	1870.6	1905.7	1923.3	1910.1	1866.2	1743.2	1585.1	1396.3
-27.5°	1879.3	1875.0	1896.9	1936.4	1967.2	1967.2	1932.0	1844.2	1716.9	1563.2	1365.6
-30°	1927.6	1932.0	1962.8	2006.7	2015.5	1993.5	1940.8	1826.7	1694.9	1528.1	1326.1
-32.5°	1975.9	1993.5	2033.0	2055.0	2059.4	2015.5	1918.9	1795.9	1659.8	1488.5	1282.2
-35°	2033.0	2068.2	2090.1	2094.5	2072.6	1997.9	1888.1	1756.4	1607.1	1431.5	1242.7
-37.5°	2107.7	2125.2	2138.4	2120.9	2059.4	1971.6	1835.4	1703.7	1558.8	1370.0	1185.6
-40°	2156.0	2164.8	2169.2	2112.1	2037.4	1910.1	1778.4	1642.2	1475.4	1299.7	1124.1
-42.5°	2186.7	2177.9	2142.8	2081.3	1971.6	1848.6	1721.3	1567.6	1400.7	1229.5	1058.2
-45°	2177.9	2147.2	2094.5	2019.9	1905.7	1782.7	1633.5	1479.8	1321.7	1154.8	983.6
-47.5°	2142.8	2094.5	2028.6	1940.8	1835.4	1686.1	1536.8	1387.6	1233.9	1071.4	913.3
-50°	2098.9	2041.8	1962.8	1853.0	1712.5	1576.4	1440.2	1295.3	1137.3	988.0	847.5
-52.5°	2050.6	1989.1	1888.1	1765.2	1611.5	1471.0	1339.3	1198.7	1053.8	913.3	790.4
-55°	1997.9	1936.4	1822.3	1681.8	1528.1	1374.4	1247.0	1128.5	988.0	851.9	742.1
-57.5°	1971.6	1892.5	1774.0	1633.5	1471.0	1312.9	1203.1	1075.8	948.5	807.9	702.6
-60°	1949.6	1870.6	1760.8	1598.3	1444.6	1295.3	1168.0	1045.1	908.9	777.2	671.8
-62.5°	1888.1	1804.7	1703.7	1545.6	1396.3	1260.2	1146.1	1001.1	869.4	746.5	649.9
-65°	1765.2	1677.4	1589.5	1449.0	1312.9	1185.6	1071.4	939.7	816.7	711.3	627.9
-67.5°	1572.0	1497.3	1418.3	1299.7	1185.6	1071.4	966.0	851.9	750.9	676.2	632.3
-70°	1356.8	1277.8	1198.7	1102.1	1005.5	913.3	829.9	746.5	680.6	641.1	606.0
-72.5°	988.0	952.8	913.3	838.7	759.6	702.6	663.0	627.9	579.6	544.5	522.5
-75°	658.6	610.3	548.9	522.5	526.9	518.1	496.2	469.8	447.9	434.7	404.0
-77.5°	513.7	487.4	456.7	425.9	412.8	399.6	382.0	360.1	342.5	311.8	267.9
-80°	474.2	452.3	430.3	408.4	386.4	355.7	320.5	285.4	267.9	254.7	250.3
-82.5°	390.8	364.5	338.1	316.2	285.4	263.5	241.5	223.9	223.9	219.5	215.2
-85°	223.9	215.2	202.0	193.2	184.4	171.2	158.1	149.3	144.9	140.5	136.1
-87.5°	114.2	109.8	101.0	96.6	92.2	87.8	79.0	74.6	70.3	70.3	65.9
-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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CATALOG NUMBER: IFLD-L-SA7D-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°	22.0	22.0	17.6	17.6	17.6	13.2	8.8	8.8	4.4	4.4	0.0
85°	52.7	43.9	39.5	35.1	35.1	26.3	17.6	13.2	8.8	4.4	4.4
82.5°	101.0	87.8	74.6	65.9	52.7	39.5	30.7	22.0	13.2	8.8	4.4
80°	114.2	114.2	109.8	92.2	74.6	57.1	39.5	26.3	17.6	13.2	8.8
77.5°	87.8	96.6	96.6	96.6	92.2	70.3	48.3	30.7	17.6	13.2	8.8
75°	101.0	87.8	83.4	87.8	83.4	70.3	57.1	35.1	22.0	17.6	8.8
72.5°	122.9	105.4	92.2	87.8	79.0	65.9	52.7	39.5	22.0	17.6	13.2
70°	114.2	109.8	101.0	92.2	79.0	65.9	52.7	39.5	26.3	17.6	13.2
67.5°	101.0	101.0	101.0	92.2	79.0	61.5	48.3	35.1	26.3	17.6	13.2
65°	70.3	83.4	92.2	87.8	79.0	61.5	48.3	35.1	26.3	22.0	13.2
62.5°	43.9	57.1	74.6	83.4	74.6	61.5	43.9	35.1	26.3	22.0	13.2
60°	39.5	43.9	52.7	65.9	70.3	57.1	43.9	30.7	26.3	22.0	13.2
57.5°	39.5	39.5	43.9	52.7	57.1	52.7	39.5	26.3	26.3	22.0	17.6
55°	43.9	39.5	39.5	43.9	48.3	48.3	39.5	26.3	26.3	22.0	17.6
52.5°	52.7	43.9	39.5	39.5	39.5	43.9	35.1	26.3	26.3	22.0	17.6
50°	65.9	52.7	48.3	39.5	39.5	39.5	35.1	26.3	22.0	22.0	17.6
47.5°	87.8	70.3	52.7	48.3	39.5	35.1	30.7	26.3	22.0	22.0	17.6
45°	131.7	83.4	70.3	52.7	43.9	39.5	35.1	26.3	22.0	22.0	17.6
42.5°	180.0	122.9	87.8	61.5	48.3	39.5	35.1	30.7	22.0	22.0	17.6
40°	228.3	166.9	109.8	79.0	57.1	43.9	35.1	30.7	26.3	22.0	17.6
37.5°	281.0	206.4	144.9	101.0	65.9	48.3	39.5	30.7	26.3	22.0	17.6
35°	346.9	259.1	180.0	122.9	79.0	57.1	43.9	30.7	26.3	22.0	17.6
32.5°	421.5	307.4	215.2	149.3	101.0	70.3	48.3	35.1	26.3	22.0	17.6
30°	491.8	364.5	254.7	180.0	122.9	79.0	52.7	35.1	26.3	22.0	13.2
27.5°	562.0	421.5	303.0	210.8	149.3	92.2	57.1	39.5	26.3	22.0	17.6
25°	632.3	478.6	351.3	241.5	171.2	109.8	70.3	43.9	26.3	22.0	17.6
22.5°	693.8	535.7	395.2	276.6	197.6	127.3	79.0	48.3	30.7	22.0	17.6
20°	764.0	597.2	443.5	316.2	219.5	144.9	87.8	52.7	30.7	22.0	17.6
17.5°	829.9	658.6	491.8	351.3	245.9	162.5	101.0	57.1	35.1	22.0	17.6
15°	895.8	715.7	535.7	386.4	272.2	180.0	109.8	61.5	39.5	22.0	17.6
12.5°	957.2	768.4	575.2	417.1	294.2	197.6	118.6	65.9	43.9	22.0	17.6
10°	1014.3	816.7	614.7	443.5	316.2	210.8	127.3	74.6	48.3	22.0	17.6
7.5°	1071.4	856.2	645.5	469.8	342.5	228.3	136.1	79.0	52.7	26.3	17.6
5°	1106.5	891.4	671.8	491.8	364.5	245.9	144.9	83.4	57.1	26.3	17.6
2.5°	1137.3	917.7	689.4	513.7	386.4	259.1	144.9	87.8	61.5	26.3	17.6
0°	1154.8	935.3	702.6	526.9	404.0	267.9	149.3	92.2	65.9	26.3	17.6
-2.5°	1194.4	966.0	733.3	544.5	421.5	294.2	158.1	96.6	70.3	30.7	17.6
-5°	1220.7	983.6	755.3	562.0	434.7	320.5	171.2	105.4	79.0	39.5	22.0
-7.5°	1242.7	1001.1	772.8	570.8	447.9	329.3	175.6	109.8	83.4	43.9	22.0
-10°	1247.0	1009.9	786.0	584.0	456.7	342.5	180.0	114.2	87.8	48.3	22.0
-12.5°	1251.4	1018.7	790.4	592.8	465.4	351.3	184.4	118.6	92.2	52.7	22.0
-15°	1247.0	1014.3	790.4	601.6	469.8	342.5	193.2	122.9	96.6	57.1	22.0
-17.5°	1238.3	1009.9	786.0	597.2	465.4	333.7	197.6	131.7	96.6	61.5	26.3
-20°	1225.1	996.8	777.2	592.8	461.1	324.9	202.0	136.1	101.0	61.5	26.3

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CATALOG NUMBER: IFLD-L-SA7D-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°	1203.1	974.8	759.6	579.6	452.3	316.2	202.0	144.9	105.4	61.5	26.3
-25°	1176.8	952.8	742.1	562.0	439.1	303.0	202.0	149.3	109.8	61.5	26.3
-27.5°	1146.1	930.9	715.7	548.9	421.5	294.2	202.0	153.7	114.2	61.5	26.3
-30°	1110.9	900.2	693.8	526.9	408.4	294.2	206.4	158.1	118.6	61.5	26.3
-32.5°	1075.8	869.4	667.4	509.4	390.8	289.8	206.4	162.5	122.9	57.1	30.7
-35°	1036.3	834.3	645.5	496.2	377.6	281.0	210.8	162.5	118.6	57.1	30.7
-37.5°	988.0	790.4	623.5	483.0	368.8	272.2	210.8	166.9	114.2	57.1	30.7
-40°	935.3	755.3	597.2	465.4	355.7	267.9	210.8	166.9	109.8	57.1	35.1
-42.5°	878.2	715.7	570.8	447.9	342.5	263.5	210.8	166.9	105.4	57.1	35.1
-45°	825.5	676.2	540.1	425.9	329.3	263.5	210.8	162.5	96.6	61.5	35.1
-47.5°	768.4	632.3	505.0	404.0	324.9	259.1	206.4	153.7	87.8	61.5	35.1
-50°	720.1	588.4	478.6	382.0	316.2	263.5	210.8	140.5	87.8	61.5	35.1
-52.5°	671.8	557.7	447.9	373.2	307.4	267.9	206.4	131.7	87.8	61.5	35.1
-55°	632.3	526.9	430.3	360.1	316.2	276.6	197.6	118.6	87.8	61.5	35.1
-57.5°	601.6	509.4	417.1	364.5	329.3	267.9	184.4	114.2	87.8	57.1	35.1
-60°	579.6	491.8	421.5	382.0	333.7	254.7	175.6	114.2	87.8	57.1	30.7
-62.5°	562.0	496.2	443.5	395.2	316.2	237.1	166.9	114.2	79.0	52.7	30.7
-65°	566.4	513.7	452.3	377.6	303.0	219.5	153.7	109.8	74.6	48.3	30.7
-67.5°	579.6	500.6	425.9	355.7	272.2	197.6	140.5	101.0	70.3	48.3	30.7
-70°	535.7	461.1	386.4	303.0	232.7	171.2	131.7	92.2	61.5	43.9	30.7
-72.5°	483.0	386.4	307.4	245.9	197.6	158.1	118.6	83.4	57.1	39.5	26.3
-75°	351.3	281.0	228.3	206.4	175.6	140.5	105.4	74.6	52.7	39.5	26.3
-77.5°	250.3	232.7	210.8	188.8	158.1	122.9	92.2	70.3	48.3	35.1	22.0
-80°	245.9	223.9	197.6	162.5	131.7	105.4	79.0	61.5	43.9	30.7	17.6
-82.5°	206.4	175.6	149.3	122.9	101.0	83.4	65.9	48.3	35.1	22.0	13.2
-85°	127.3	109.8	96.6	83.4	70.3	57.1	43.9	30.7	22.0	13.2	8.8
-87.5°	61.5	57.1	48.3	39.5	35.1	26.3	22.0	17.6	13.2	8.8	4.4
-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-L-SA7D-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°	4.4	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	8.8	4.4	4.4	0.0
67.5°	8.8	4.4	4.4	0.0
65°	8.8	4.4	4.4	0.0
62.5°	8.8	4.4	4.4	0.0
60°	8.8	4.4	4.4	0.0
57.5°	8.8	4.4	4.4	0.0
55°	8.8	4.4	4.4	0.0
52.5°	8.8	4.4	4.4	0.0
50°	8.8	4.4	4.4	0.0
47.5°	8.8	8.8	4.4	0.0
45°	8.8	8.8	4.4	0.0
42.5°	8.8	8.8	4.4	0.0
40°	8.8	8.8	4.4	0.0
37.5°	8.8	8.8	4.4	0.0
35°	8.8	8.8	4.4	0.0
32.5°	13.2	8.8	4.4	0.0
30°	13.2	8.8	8.8	0.0
27.5°	13.2	8.8	8.8	0.0
25°	13.2	8.8	8.8	0.0
22.5°	13.2	8.8	8.8	0.0
20°	13.2	8.8	8.8	0.0
17.5°	13.2	8.8	8.8	0.0
15°	13.2	8.8	8.8	0.0
12.5°	13.2	8.8	8.8	0.0
10°	13.2	8.8	8.8	0.0
7.5°	13.2	8.8	8.8	0.0
5°	13.2	8.8	8.8	0.0
2.5°	13.2	8.8	8.8	0.0
0°	13.2	8.8	8.8	0.0
-2.5°	13.2	8.8	8.8	0.0
-5°	13.2	8.8	8.8	0.0
-7.5°	13.2	8.8	8.8	0.0
-10°	13.2	8.8	8.8	0.0
-12.5°	17.6	8.8	8.8	0.0
-15°	17.6	8.8	8.8	0.0
-17.5°	17.6	8.8	8.8	0.0
-20°	17.6	8.8	8.8	0.0

REPORT NUMBER: P723627

CATALOG NUMBER: IFLD-L-SA7D-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.6	8.8	8.8	0.0
-25°	17.6	8.8	8.8	0.0
-27.5°	17.6	8.8	8.8	0.0
-30°	17.6	8.8	8.8	0.0
-32.5°	17.6	8.8	8.8	0.0
-35°	17.6	8.8	8.8	0.0
-37.5°	17.6	8.8	8.8	0.0
-40°	17.6	8.8	8.8	0.0
-42.5°	13.2	8.8	4.4	0.0
-45°	17.6	8.8	4.4	0.0
-47.5°	17.6	8.8	4.4	0.0
-50°	17.6	8.8	4.4	0.0
-52.5°	17.6	8.8	4.4	0.0
-55°	17.6	8.8	4.4	0.0
-57.5°	17.6	8.8	4.4	0.0
-60°	17.6	8.8	4.4	0.0
-62.5°	17.6	8.8	4.4	0.0
-65°	17.6	8.8	4.4	0.0
-67.5°	17.6	8.8	4.4	0.0
-70°	17.6	4.4	4.4	0.0
-72.5°	13.2	4.4	4.4	0.0
-75°	13.2	4.4	4.4	0.0
-77.5°	8.8	4.4	0.0	0.0
-80°	8.8	4.4	0.0	0.0
-82.5°	8.8	4.4	0.0	0.0
-85°	4.4	0.0	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)