

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: P723835

Luminaire Tested: **IFLD-L-SA8D-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723835
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21694.4 lumens	Max Intensity:	510392.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.4 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:	7867.3 lumens	Field Lumens:	12542 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

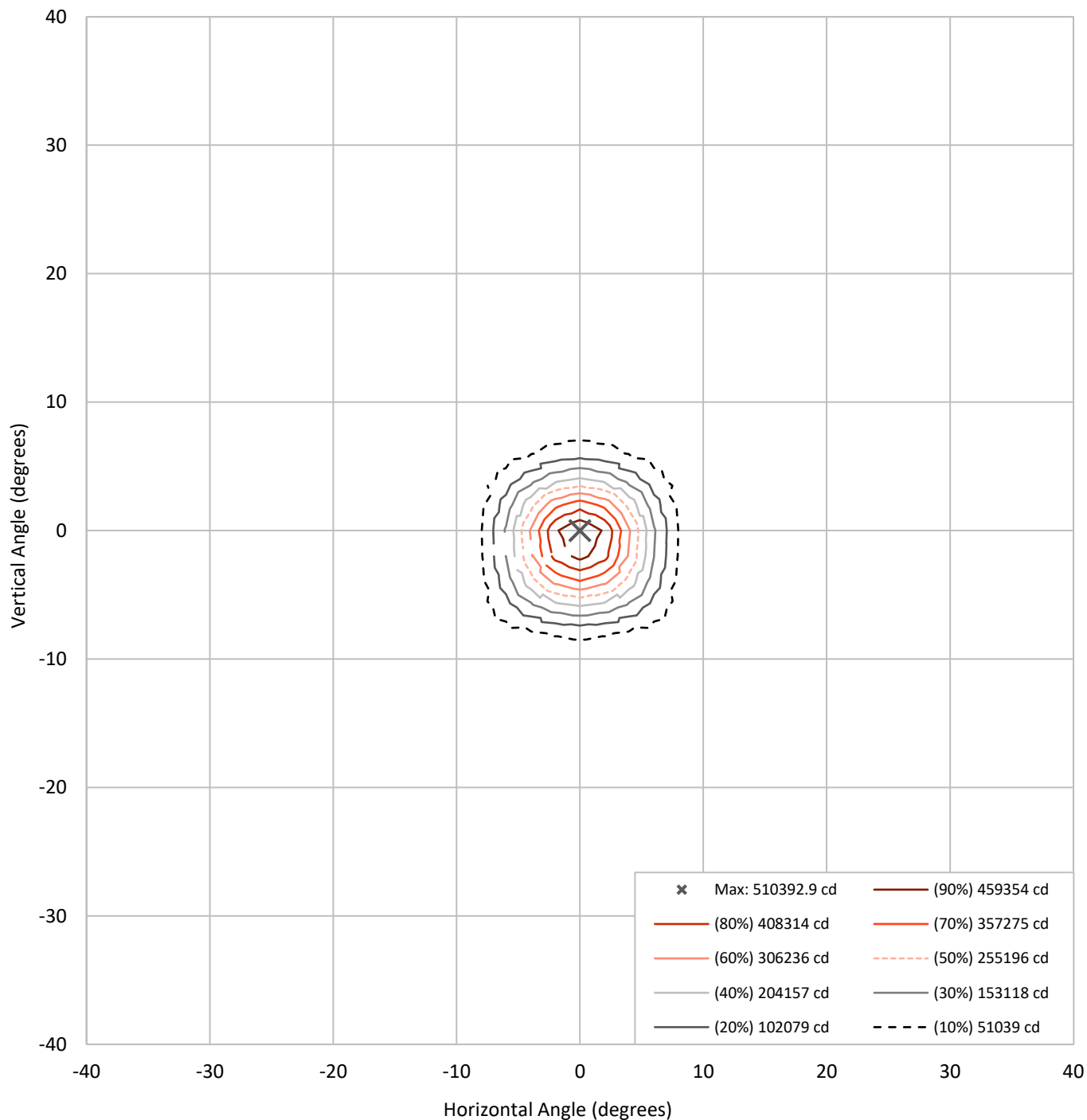
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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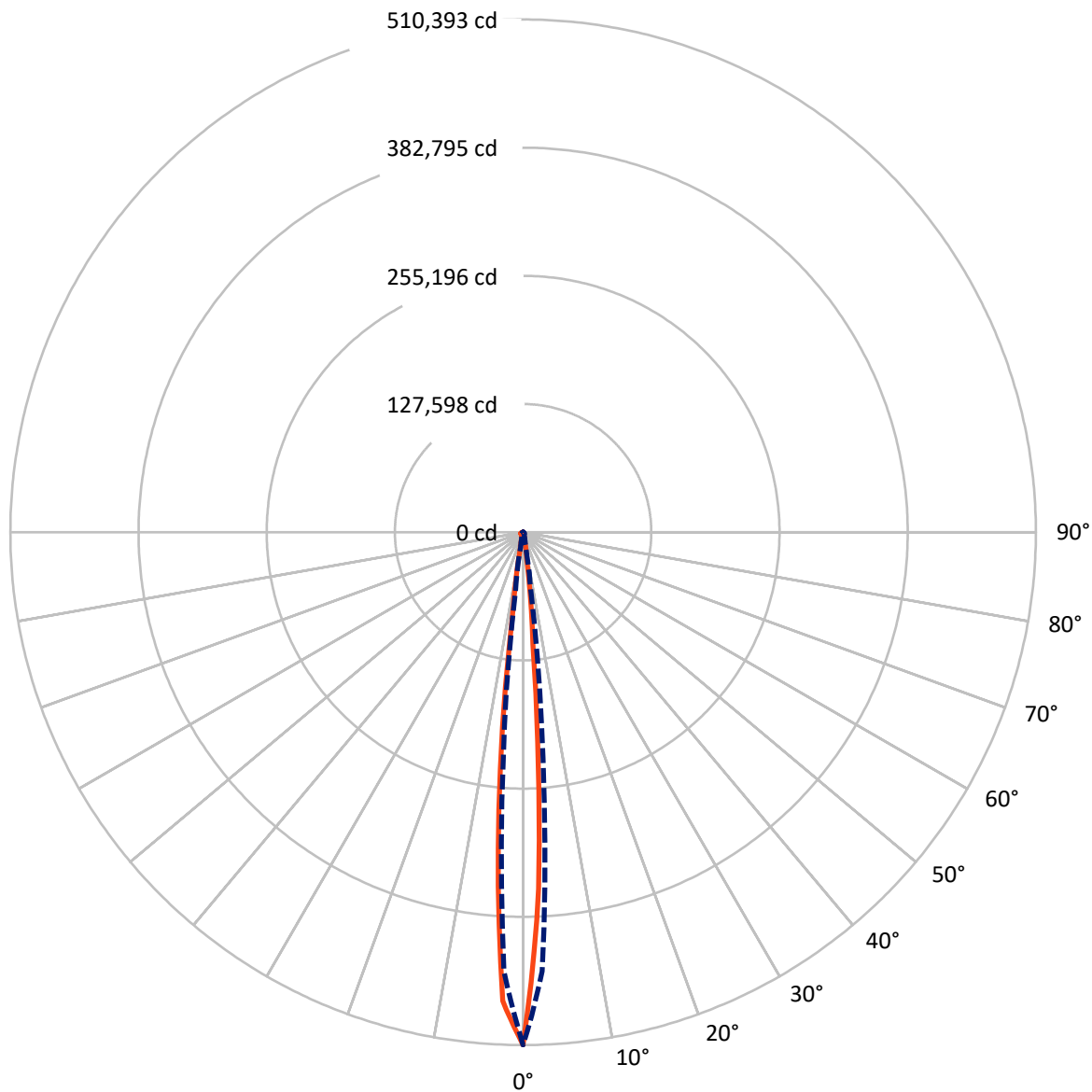
Lumen Table

Vertical Angle (degrees)																
	0.4	4.8		5.2		2.0		0.6		2.0		5.2		4.8		0.4
90																
80	0.4	4.8		5.2		2.0		0.6		2.0		5.2		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	9.1	11.7	13.5	13.5	11.7	9.1	5.6	2.5	1.0	0.7	
40	0.5	0.7	3.0	9.9	19.5	28.5	34.2	37.9	37.9	34.2	28.5	19.5	9.9	3.0	0.7	0.5
30		1.5	7.5	20.3	33.0	38.7	41.9	43.3	43.3	41.9	38.7	33.0	20.3	7.5	1.5	
20	0.9	2.8	12.9	29.5	38.2	39.4	46.4	55.9	55.9	46.4	39.4	38.2	29.5	12.9	2.8	0.9
10		4.4	18.0	36.3	40.8	46.0	80.8	137.7	137.7	80.8	46.0	40.8	36.3	18.0	4.4	
0	1.4	5.7	22.1	39.9	42.3	56.8	153.7	2847.9	2847.9	153.7	56.8	42.3	39.9	22.1	5.7	1.4
-10		6.7	24.2	41.9	43.8	58.7	165.6	4152.6	4152.6	165.6	58.7	43.8	41.9	24.2	6.7	
-20	2.1	7.2	24.8	44.1	47.4	52.9	96.2	184.7	184.7	96.2	52.9	47.4	44.1	24.8	7.2	2.1
-30		6.7	23.6	44.7	53.2	53.3	62.3	76.0	76.0	62.3	53.3	53.2	44.7	23.6	6.7	
-40	2.3	6.0	20.9	42.7	58.6	63.8	66.4	67.0	67.0	66.4	63.8	58.6	42.7	20.9	6.0	2.3
-50		5.3	16.8	36.2	56.5	68.7	77.0	80.7	80.7	77.0	68.7	56.5	36.2	16.8	5.3	
-60	1.8	4.8	13.0	28.1	48.2	64.7	75.1	79.5	79.5	75.1	64.7	48.2	28.1	13.0	4.8	1.8
-70		4.4	11.4	22.9	40.2	56.6	68.4	74.0	74.0	68.4	56.6	40.2	22.9	11.4	4.4	
-80	0.8	13.4		40.0		74.0		81.7		74.0		40.0		13.4		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



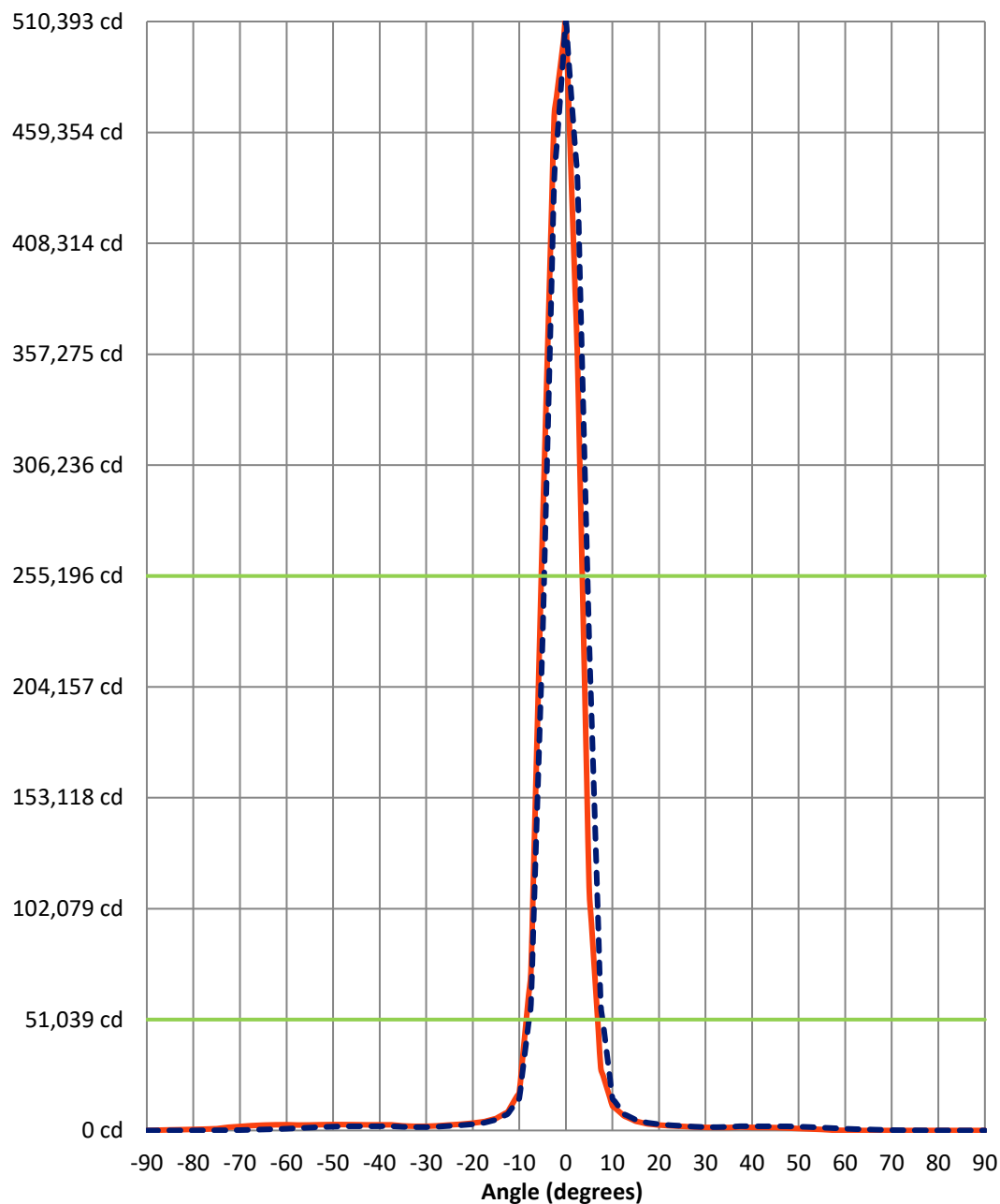
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7867.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12542

Efficiency: 57.8%

Spill:

Lumens: 9152.4

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	15.0	20.0	25.0	25.0	30.0
82.5°	0.0	5.0	5.0	10.0	10.0	15.0	15.0	25.0	30.0	35.1	45.1
80°	5.0	5.0	5.0	10.0	10.0	15.0	15.0	20.0	25.0	35.1	40.1
77.5°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	15.0	20.0	25.0	30.0
75°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	15.0	15.0	20.0
72.5°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.0	15.0	15.0
70°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.0	15.0	15.0
67.5°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.0	15.0	15.0
65°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	15.0	15.0	15.0	15.0
62.5°	5.0	5.0	5.0	10.0	15.0	15.0	20.0	25.0	25.0	25.0	25.0
60°	50.1	55.1	60.1	60.1	55.1	55.1	60.1	60.1	60.1	60.1	60.1
57.5°	135.2	145.2	150.2	150.2	150.2	145.2	165.3	170.3	150.2	140.2	155.3
55°	470.8	485.8	475.8	460.7	430.7	395.6	385.6	380.6	385.6	360.6	320.5
52.5°	686.1	701.1	696.1	686.1	666.1	641.0	621.0	601.0	580.9	540.9	495.8
50°	891.4	896.4	891.4	881.4	861.4	836.3	796.3	751.2	711.1	701.1	661.1
47.5°	1121.8	1136.8	1136.8	1131.8	1116.8	1071.7	1011.6	946.5	916.5	906.5	866.4
45°	1327.1	1337.2	1342.2	1347.2	1342.2	1297.1	1242.0	1206.9	1141.8	1121.8	1121.8
42.5°	1382.2	1387.2	1392.2	1397.3	1412.3	1377.2	1332.1	1272.1	1257.0	1252.0	1242.0
40°	1402.3	1392.2	1397.3	1402.3	1407.3	1382.2	1347.2	1312.1	1302.1	1292.1	1292.1
37.5°	1592.6	1547.5	1512.4	1482.4	1457.3	1432.3	1397.3	1367.2	1342.2	1322.1	1342.2
35°	1357.2	1357.2	1392.2	1422.3	1452.3	1482.4	1487.4	1452.3	1397.3	1372.2	1407.3
32.5°	1387.2	1387.2	1387.2	1397.3	1407.3	1432.3	1457.3	1472.4	1512.4	1467.4	1467.4
30°	1417.3	1422.3	1432.3	1437.3	1422.3	1412.3	1402.3	1402.3	1427.3	1492.4	1527.5
27.5°	1592.6	1592.6	1577.5	1557.5	1512.4	1442.3	1407.3	1357.2	1362.2	1392.2	1477.4
25°	1878.0	1868.0	1833.0	1782.9	1702.7	1602.6	1507.4	1402.3	1357.2	1342.2	1377.2
22.5°	2148.5	2133.4	2088.4	2043.3	1978.2	1878.0	1717.8	1557.5	1417.3	1357.2	1342.2
20°	2494.0	2459.0	2408.9	2338.8	2233.6	2133.4	1993.2	1782.9	1577.5	1422.3	1362.2
17.5°	3049.9	3004.8	2909.7	2784.5	2604.2	2448.9	2248.6	2048.3	1817.9	1567.5	1432.3
15°	4266.9	4151.7	3986.4	3640.9	3285.3	2989.8	2689.3	2353.8	2118.4	1787.9	1582.6
12.5°	6710.8	6395.3	5914.5	5108.2	4312.0	3625.8	3140.1	2709.4	2328.8	2023.3	1732.8
10°	11358.3	10682.2	9355.1	7151.5	5684.2	4422.1	3550.7	2974.8	2494.0	2178.5	1858.0
7.5°	28726.3	23432.8	16581.7	11323.3	7437.0	5403.7	4061.5	3225.2	2669.3	2278.7	1958.2
5°	111960.5	92228.7	49199.3	20533.1	11188.0	6535.5	4522.3	3425.5	2784.5	2353.8	2033.3
2.5°	355327.9	306849.7	160989.6	44201.3	13737.1	7361.9	4837.8	3550.7	2849.6	2408.9	2088.4
0°	510392.9	437425.3	225939.3	58133.7	14899.0	7572.2	4938.0	3575.8	2859.6	2418.9	2088.4
-2.5°	466922.8	408648.9	218256.9	54097.2	15224.5	7632.3	5018.1	3660.9	2934.7	2464.0	2103.4
-5°	277442.3	243357.4	152250.5	38572.2	13526.8	7086.4	4807.8	3585.8	2884.7	2438.9	2093.4
-7.5°	73097.9	63282.0	41627.1	20127.5	8754.1	5994.7	4417.1	3460.6	2819.5	2393.9	2053.3
-10°	17623.4	16701.9	14919.1	9144.7	6816.0	5008.1	3916.3	3235.2	2689.3	2333.8	1988.2
-12.5°	8498.7	8298.4	7532.1	6210.0	5058.2	4161.7	3545.7	2999.8	2569.1	2228.6	1898.1
-15°	5528.9	5413.7	5153.3	4647.5	4061.5	3630.9	3200.2	2759.4	2418.9	2073.3	1822.9
-17.5°	4091.6	4086.6	3956.4	3766.1	3475.6	3155.1	2839.6	2559.1	2228.6	1933.1	1742.8
-20°	3390.5	3390.5	3315.3	3190.1	2984.8	2774.5	2564.1	2303.7	2033.3	1812.9	1732.8

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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°	2879.6	2884.7	2844.6	2764.5	2654.3	2479.0	2273.7	2063.3	1868.0	1787.9	1762.8
-25°	2549.1	2539.1	2494.0	2418.9	2303.7	2163.5	2028.3	1888.0	1833.0	1812.9	1848.0
-27.5°	2158.5	2173.5	2153.5	2118.4	2043.3	1943.1	1913.1	1873.0	1883.0	1913.1	2048.3
-30°	1928.1	1943.1	1963.2	1978.2	1953.1	1928.1	1938.1	1968.2	2033.3	2148.5	2198.5
-32.5°	1928.1	1933.1	1963.2	1993.2	2008.2	2028.3	2083.4	2183.5	2278.7	2248.6	2238.6
-35°	2103.4	2088.4	2128.4	2168.5	2223.6	2293.7	2353.8	2333.8	2298.7	2288.7	2298.7
-37.5°	2604.2	2509.0	2469.0	2443.9	2428.9	2418.9	2403.9	2388.9	2373.8	2363.8	2378.8
-40°	2599.2	2574.2	2549.1	2529.1	2514.1	2494.0	2484.0	2479.0	2464.0	2454.0	2443.9
-42.5°	2589.2	2599.2	2599.2	2594.2	2599.2	2594.2	2579.2	2559.1	2534.1	2514.1	2494.0
-45°	2664.3	2669.3	2679.3	2689.3	2704.4	2684.3	2654.3	2619.2	2584.2	2554.1	2529.1
-47.5°	2709.4	2714.4	2724.4	2739.4	2749.4	2729.4	2689.3	2644.3	2589.2	2539.1	2489.0
-50°	2724.4	2739.4	2744.4	2744.4	2739.4	2714.4	2654.3	2589.2	2529.1	2479.0	2433.9
-52.5°	2654.3	2669.3	2674.3	2664.3	2659.3	2634.2	2579.2	2519.1	2454.0	2418.9	2378.8
-55°	2539.1	2559.1	2574.2	2574.2	2574.2	2569.1	2519.1	2464.0	2413.9	2373.8	2333.8
-57.5°	2494.0	2529.1	2559.1	2564.1	2569.1	2574.2	2539.1	2484.0	2423.9	2363.8	2313.7
-60°	2659.3	2689.3	2704.4	2684.3	2669.3	2654.3	2599.2	2534.1	2474.0	2413.9	2318.7
-62.5°	2614.2	2664.3	2689.3	2674.3	2654.3	2629.2	2569.1	2494.0	2423.9	2358.8	2263.6
-65°	2469.0	2514.1	2544.1	2519.1	2489.0	2454.0	2398.9	2328.8	2263.6	2198.5	2113.4
-67.5°	2223.6	2288.7	2338.8	2283.7	2243.6	2198.5	2153.5	2093.4	2028.3	1953.1	1873.0
-70°	1838.0	1888.0	1933.1	1918.1	1908.1	1898.1	1868.0	1807.9	1752.8	1692.7	1622.6
-72.5°	1477.4	1522.5	1562.5	1537.5	1517.4	1487.4	1442.3	1377.2	1312.1	1247.0	1181.9
-75°	816.3	831.3	846.4	841.4	841.4	841.4	841.4	846.4	836.3	821.3	791.3
-77.5°	626.0	646.0	661.1	671.1	686.1	706.1	721.2	696.1	671.1	646.0	616.0
-80°	490.8	510.8	525.8	580.9	621.0	666.1	696.1	661.1	626.0	596.0	570.9
-82.5°	370.6	385.6	400.6	430.7	450.7	475.8	495.8	495.8	490.8	485.8	470.8
-85°	270.4	290.5	310.5	320.5	335.5	335.5	340.5	320.5	300.5	285.5	265.4
-87.5°	155.3	160.3	160.3	160.3	165.3	165.3	165.3	155.3	150.2	140.2	135.2
-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	15.0	15.0	20.0	20.0	25.0	25.0
85°	30.0	30.0	30.0	35.1	35.1	40.1	45.1	50.1	55.1	55.1	60.1
82.5°	50.1	55.1	60.1	65.1	70.1	75.1	80.1	85.1	100.2	110.2	115.2
80°	50.1	55.1	70.1	80.1	90.1	100.2	100.2	100.2	100.2	105.2	115.2
77.5°	35.1	40.1	45.1	55.1	80.1	100.2	115.2	125.2	115.2	110.2	100.2
75°	20.0	25.0	30.0	35.1	50.1	70.1	95.2	120.2	140.2	135.2	125.2
72.5°	20.0	20.0	25.0	30.0	35.1	40.1	45.1	70.1	100.2	125.2	140.2
70°	20.0	25.0	25.0	30.0	35.1	40.1	45.1	55.1	70.1	100.2	130.2
67.5°	20.0	25.0	25.0	35.1	45.1	50.1	55.1	50.1	45.1	65.1	95.2
65°	20.0	20.0	25.0	30.0	35.1	40.1	55.1	55.1	50.1	50.1	50.1
62.5°	30.0	30.0	30.0	30.0	35.1	35.1	35.1	45.1	45.1	45.1	45.1
60°	60.1	55.1	55.1	55.1	55.1	45.1	45.1	45.1	40.1	45.1	40.1
57.5°	145.2	120.2	110.2	110.2	95.2	90.1	75.1	55.1	55.1	45.1	45.1
55°	295.5	280.5	235.4	195.3	175.3	155.3	120.2	100.2	75.1	60.1	55.1
52.5°	455.7	415.7	375.6	325.5	275.4	235.4	200.3	155.3	125.2	90.1	70.1
50°	596.0	560.9	515.8	460.7	395.6	345.6	295.5	235.4	185.3	140.2	100.2
47.5°	811.3	741.2	686.1	621.0	545.9	475.8	410.7	340.5	260.4	205.3	155.3
45°	1041.7	941.5	866.4	806.3	706.1	611.0	535.9	460.7	365.6	270.4	210.3
42.5°	1201.9	1126.8	1026.7	946.5	856.4	756.2	656.1	575.9	475.8	365.6	270.4
40°	1287.1	1237.0	1156.9	1086.8	991.6	881.4	776.3	696.1	591.0	470.8	340.5
37.5°	1352.2	1327.1	1287.1	1232.0	1141.8	1011.6	906.5	811.3	721.2	580.9	440.7
35°	1427.3	1422.3	1397.3	1372.2	1297.1	1171.9	1046.7	936.5	826.3	696.1	540.9
32.5°	1497.4	1492.4	1477.4	1467.4	1437.3	1327.1	1191.9	1066.7	941.5	806.3	636.0
30°	1532.5	1522.5	1522.5	1532.5	1502.4	1432.3	1332.1	1196.9	1056.7	896.4	736.2
27.5°	1532.5	1522.5	1527.5	1542.5	1537.5	1502.4	1427.3	1317.1	1161.9	981.6	826.3
25°	1467.4	1517.4	1517.4	1537.5	1542.5	1532.5	1492.4	1422.3	1262.0	1071.7	896.4
22.5°	1377.2	1497.4	1542.5	1537.5	1542.5	1567.5	1572.5	1507.4	1357.2	1161.9	966.6
20°	1377.2	1462.4	1592.6	1557.5	1567.5	1622.6	1647.7	1592.6	1457.3	1247.0	1036.7
17.5°	1407.3	1462.4	1572.5	1627.6	1642.6	1687.7	1727.8	1692.7	1547.5	1337.2	1131.8
15°	1492.4	1482.4	1557.5	1692.7	1717.8	1752.8	1797.9	1757.8	1627.6	1437.3	1222.0
12.5°	1552.5	1497.4	1557.5	1702.7	1782.9	1817.9	1833.0	1802.9	1697.7	1527.5	1312.1
10°	1632.6	1537.5	1567.5	1692.7	1807.9	1833.0	1848.0	1838.0	1762.8	1602.6	1392.2
7.5°	1692.7	1557.5	1557.5	1677.7	1833.0	1853.0	1863.0	1873.0	1817.9	1667.7	1462.4
5°	1717.8	1557.5	1547.5	1662.7	1858.0	1878.0	1878.0	1893.1	1858.0	1717.8	1512.4
2.5°	1722.8	1552.5	1537.5	1652.7	1903.1	1903.1	1893.1	1908.1	1888.0	1747.8	1547.5
0°	1747.8	1547.5	1532.5	1667.7	1953.1	1933.1	1908.1	1913.1	1903.1	1762.8	1567.5
-2.5°	1747.8	1572.5	1552.5	1677.7	1948.1	1943.1	1933.1	1938.1	1928.1	1807.9	1607.6
-5°	1772.9	1607.6	1587.6	1722.8	1943.1	1958.2	1963.2	1963.2	1948.1	1838.0	1632.6
-7.5°	1777.9	1632.6	1627.6	1767.9	1953.1	1978.2	1993.2	2003.2	1973.2	1858.0	1652.7
-10°	1752.8	1642.6	1667.7	1822.9	1963.2	1998.2	2028.3	2043.3	1993.2	1868.0	1662.7
-12.5°	1697.7	1642.6	1707.8	1893.1	1988.2	2028.3	2073.3	2078.4	2013.2	1873.0	1667.7
-15°	1692.7	1682.7	1777.9	1963.2	2003.2	2053.3	2123.4	2108.4	2028.3	1873.0	1667.7
-17.5°	1687.7	1737.8	1883.0	1988.2	2028.3	2083.4	2138.4	2123.4	2038.3	1873.0	1657.7
-20°	1732.8	1827.9	2008.2	2013.2	2058.3	2118.4	2148.5	2118.4	2023.3	1858.0	1642.6

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CATALOG NUMBER: IFLD-L-SA8D-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°	1807.9	1988.2	2048.3	2068.3	2108.4	2153.5	2168.5	2123.4	2008.2	1833.0	1617.6
-25°	1998.2	2088.4	2088.4	2133.4	2173.5	2193.5	2178.5	2128.4	1988.2	1807.9	1592.6
-27.5°	2143.5	2138.4	2163.5	2208.6	2243.6	2243.6	2203.6	2103.4	1958.2	1782.9	1557.5
-30°	2198.5	2203.6	2238.6	2288.7	2298.7	2273.7	2213.6	2083.4	1933.1	1742.8	1512.4
-32.5°	2253.6	2273.7	2318.7	2343.8	2348.8	2298.7	2188.5	2048.3	1893.1	1697.7	1462.4
-35°	2318.7	2358.8	2383.8	2388.9	2363.8	2278.7	2153.5	2003.2	1833.0	1632.6	1417.3
-37.5°	2403.9	2423.9	2438.9	2418.9	2348.8	2248.6	2093.4	1943.1	1777.9	1562.5	1352.2
-40°	2459.0	2469.0	2474.0	2408.9	2323.7	2178.5	2028.3	1873.0	1682.7	1482.4	1282.1
-42.5°	2494.0	2484.0	2443.9	2373.8	2248.6	2108.4	1963.2	1787.9	1597.6	1402.3	1206.9
-45°	2484.0	2448.9	2388.9	2303.7	2173.5	2033.3	1863.0	1687.7	1507.4	1317.1	1121.8
-47.5°	2443.9	2388.9	2313.7	2213.6	2093.4	1923.1	1752.8	1582.6	1407.3	1222.0	1041.7
-50°	2393.9	2328.8	2238.6	2113.4	1953.1	1797.9	1642.6	1477.4	1297.1	1126.8	966.6
-52.5°	2338.8	2268.7	2153.5	2013.2	1838.0	1677.7	1527.5	1367.2	1201.9	1041.7	901.5
-55°	2278.7	2208.6	2078.4	1918.1	1742.8	1567.5	1422.3	1287.1	1126.8	971.6	846.4
-57.5°	2248.6	2158.5	2023.3	1863.0	1677.7	1497.4	1372.2	1227.0	1081.7	921.5	801.3
-60°	2223.6	2133.4	2008.2	1822.9	1647.7	1477.4	1332.1	1191.9	1036.7	886.4	766.2
-62.5°	2153.5	2058.3	1943.1	1762.8	1592.6	1437.3	1307.1	1141.8	991.6	851.4	741.2
-65°	2013.2	1913.1	1812.9	1652.7	1497.4	1352.2	1222.0	1071.7	931.5	811.3	716.2
-67.5°	1792.9	1707.8	1617.6	1482.4	1352.2	1222.0	1101.8	971.6	856.4	771.2	721.2
-70°	1547.5	1457.3	1367.2	1257.0	1146.8	1041.7	946.5	851.4	776.3	731.2	691.1
-72.5°	1126.8	1086.8	1041.7	956.5	866.4	801.3	756.2	716.2	661.1	621.0	596.0
-75°	751.2	696.1	626.0	596.0	601.0	591.0	565.9	535.9	510.8	495.8	460.7
-77.5°	585.9	555.9	520.8	485.8	470.8	455.7	435.7	410.7	390.6	355.6	305.5
-80°	540.9	515.8	490.8	465.8	440.7	405.7	365.6	325.5	305.5	290.5	285.5
-82.5°	445.7	415.7	385.6	360.6	325.5	300.5	275.4	255.4	255.4	250.4	245.4
-85°	255.4	245.4	230.4	220.4	210.3	195.3	180.3	170.3	165.3	160.3	155.3
-87.5°	130.2	125.2	115.2	110.2	105.2	100.2	90.1	85.1	80.1	80.1	75.1
-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-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°	25.0	25.0	20.0	20.0	20.0	15.0	10.0	10.0	5.0	5.0	0.0
85°	60.1	50.1	45.1	40.1	40.1	30.0	20.0	15.0	10.0	5.0	5.0
82.5°	115.2	100.2	85.1	75.1	60.1	45.1	35.1	25.0	15.0	10.0	5.0
80°	130.2	130.2	125.2	105.2	85.1	65.1	45.1	30.0	20.0	15.0	10.0
77.5°	100.2	110.2	110.2	110.2	105.2	80.1	55.1	35.1	20.0	15.0	10.0
75°	115.2	100.2	95.2	100.2	95.2	80.1	65.1	40.1	25.0	20.0	10.0
72.5°	140.2	120.2	105.2	100.2	90.1	75.1	60.1	45.1	25.0	20.0	15.0
70°	130.2	125.2	115.2	105.2	90.1	75.1	60.1	45.1	30.0	20.0	15.0
67.5°	115.2	115.2	115.2	105.2	90.1	70.1	55.1	40.1	30.0	20.0	15.0
65°	80.1	95.2	105.2	100.2	90.1	70.1	55.1	40.1	30.0	25.0	15.0
62.5°	50.1	65.1	85.1	95.2	85.1	70.1	50.1	40.1	30.0	25.0	15.0
60°	45.1	50.1	60.1	75.1	80.1	65.1	50.1	35.1	30.0	25.0	15.0
57.5°	45.1	45.1	50.1	60.1	65.1	60.1	45.1	30.0	30.0	25.0	20.0
55°	50.1	45.1	45.1	50.1	55.1	55.1	45.1	30.0	30.0	25.0	20.0
52.5°	60.1	50.1	45.1	45.1	45.1	50.1	40.1	30.0	30.0	25.0	20.0
50°	75.1	60.1	55.1	45.1	45.1	45.1	40.1	30.0	25.0	25.0	20.0
47.5°	100.2	80.1	60.1	55.1	45.1	40.1	35.1	30.0	25.0	25.0	20.0
45°	150.2	95.2	80.1	60.1	50.1	45.1	40.1	30.0	25.0	25.0	20.0
42.5°	205.3	140.2	100.2	70.1	55.1	45.1	40.1	35.1	25.0	25.0	20.0
40°	260.4	190.3	125.2	90.1	65.1	50.1	40.1	35.1	30.0	25.0	20.0
37.5°	320.5	235.4	165.3	115.2	75.1	55.1	45.1	35.1	30.0	25.0	20.0
35°	395.6	295.5	205.3	140.2	90.1	65.1	50.1	35.1	30.0	25.0	20.0
32.5°	480.8	350.6	245.4	170.3	115.2	80.1	55.1	40.1	30.0	25.0	20.0
30°	560.9	415.7	290.5	205.3	140.2	90.1	60.1	40.1	30.0	25.0	15.0
27.5°	641.0	480.8	345.6	240.4	170.3	105.2	65.1	45.1	30.0	25.0	20.0
25°	721.2	545.9	400.6	275.4	195.3	125.2	80.1	50.1	30.0	25.0	20.0
22.5°	791.3	611.0	450.7	315.5	225.4	145.2	90.1	55.1	35.1	25.0	20.0
20°	871.4	681.1	505.8	360.6	250.4	165.3	100.2	60.1	35.1	25.0	20.0
17.5°	946.5	751.2	560.9	400.6	280.5	185.3	115.2	65.1	40.1	25.0	20.0
15°	1021.6	816.3	611.0	440.7	310.5	205.3	125.2	70.1	45.1	25.0	20.0
12.5°	1091.8	876.4	656.1	475.8	335.5	225.4	135.2	75.1	50.1	25.0	20.0
10°	1156.9	931.5	701.1	505.8	360.6	240.4	145.2	85.1	55.1	25.0	20.0
7.5°	1222.0	976.6	736.2	535.9	390.6	260.4	155.3	90.1	60.1	30.0	20.0
5°	1262.0	1016.6	766.2	560.9	415.7	280.5	165.3	95.2	65.1	30.0	20.0
2.5°	1297.1	1046.7	786.3	585.9	440.7	295.5	165.3	100.2	70.1	30.0	20.0
0°	1317.1	1066.7	801.3	601.0	460.7	305.5	170.3	105.2	75.1	30.0	20.0
-2.5°	1362.2	1101.8	836.3	621.0	480.8	335.5	180.3	110.2	80.1	35.1	20.0
-5°	1392.2	1121.8	861.4	641.0	495.8	365.6	195.3	120.2	90.1	45.1	25.0
-7.5°	1417.3	1141.8	881.4	651.0	510.8	375.6	200.3	125.2	95.2	50.1	25.0
-10°	1422.3	1151.9	896.4	666.1	520.8	390.6	205.3	130.2	100.2	55.1	25.0
-12.5°	1427.3	1161.9	901.5	676.1	530.9	400.6	210.3	135.2	105.2	60.1	25.0
-15°	1422.3	1156.9	901.5	686.1	535.9	390.6	220.4	140.2	110.2	65.1	25.0
-17.5°	1412.3	1151.9	896.4	681.1	530.9	380.6	225.4	150.2	110.2	70.1	30.0
-20°	1397.3	1136.8	886.4	676.1	525.8	370.6	230.4	155.3	115.2	70.1	30.0

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CATALOG NUMBER: IFLD-L-SA8D-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°	1372.2	1111.8	866.4	661.1	515.8	360.6	230.4	165.3	120.2	70.1	30.0
-25°	1342.2	1086.8	846.4	641.0	500.8	345.6	230.4	170.3	125.2	70.1	30.0
-27.5°	1307.1	1061.7	816.3	626.0	480.8	335.5	230.4	175.3	130.2	70.1	30.0
-30°	1267.0	1026.7	791.3	601.0	465.8	335.5	235.4	180.3	135.2	70.1	30.0
-32.5°	1227.0	991.6	761.2	580.9	445.7	330.5	235.4	185.3	140.2	65.1	35.1
-35°	1181.9	951.5	736.2	565.9	430.7	320.5	240.4	185.3	135.2	65.1	35.1
-37.5°	1126.8	901.5	711.1	550.9	420.7	310.5	240.4	190.3	130.2	65.1	35.1
-40°	1066.7	861.4	681.1	530.9	405.7	305.5	240.4	190.3	125.2	65.1	40.1
-42.5°	1001.6	816.3	651.0	510.8	390.6	300.5	240.4	190.3	120.2	65.1	40.1
-45°	941.5	771.2	616.0	485.8	375.6	300.5	240.4	185.3	110.2	70.1	40.1
-47.5°	876.4	721.2	575.9	460.7	370.6	295.5	235.4	175.3	100.2	70.1	40.1
-50°	821.3	671.1	545.9	435.7	360.6	300.5	240.4	160.3	100.2	70.1	40.1
-52.5°	766.2	636.0	510.8	425.7	350.6	305.5	235.4	150.2	100.2	70.1	40.1
-55°	721.2	601.0	490.8	410.7	360.6	315.5	225.4	135.2	100.2	70.1	40.1
-57.5°	686.1	580.9	475.8	415.7	375.6	305.5	210.3	130.2	100.2	65.1	40.1
-60°	661.1	560.9	480.8	435.7	380.6	290.5	200.3	130.2	100.2	65.1	35.1
-62.5°	641.0	565.9	505.8	450.7	360.6	270.4	190.3	130.2	90.1	60.1	35.1
-65°	646.0	585.9	515.8	430.7	345.6	250.4	175.3	125.2	85.1	55.1	35.1
-67.5°	661.1	570.9	485.8	405.7	310.5	225.4	160.3	115.2	80.1	55.1	35.1
-70°	611.0	525.8	440.7	345.6	265.4	195.3	150.2	105.2	70.1	50.1	35.1
-72.5°	550.9	440.7	350.6	280.5	225.4	180.3	135.2	95.2	65.1	45.1	30.0
-75°	400.6	320.5	260.4	235.4	200.3	160.3	120.2	85.1	60.1	45.1	30.0
-77.5°	285.5	265.4	240.4	215.3	180.3	140.2	105.2	80.1	55.1	40.1	25.0
-80°	280.5	255.4	225.4	185.3	150.2	120.2	90.1	70.1	50.1	35.1	20.0
-82.5°	235.4	200.3	170.3	140.2	115.2	95.2	75.1	55.1	40.1	25.0	15.0
-85°	145.2	125.2	110.2	95.2	80.1	65.1	50.1	35.1	25.0	15.0	10.0
-87.5°	70.1	65.1	55.1	45.1	40.1	30.0	25.0	20.0	15.0	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-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°	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°	15.0	10.0	5.0	0.0
30°	15.0	10.0	10.0	0.0
27.5°	15.0	10.0	10.0	0.0
25°	15.0	10.0	10.0	0.0
22.5°	15.0	10.0	10.0	0.0
20°	15.0	10.0	10.0	0.0
17.5°	15.0	10.0	10.0	0.0
15°	15.0	10.0	10.0	0.0
12.5°	15.0	10.0	10.0	0.0
10°	15.0	10.0	10.0	0.0
7.5°	15.0	10.0	10.0	0.0
5°	15.0	10.0	10.0	0.0
2.5°	15.0	10.0	10.0	0.0
0°	15.0	10.0	10.0	0.0
-2.5°	15.0	10.0	10.0	0.0
-5°	15.0	10.0	10.0	0.0
-7.5°	15.0	10.0	10.0	0.0
-10°	15.0	10.0	10.0	0.0
-12.5°	20.0	10.0	10.0	0.0
-15°	20.0	10.0	10.0	0.0
-17.5°	20.0	10.0	10.0	0.0
-20°	20.0	10.0	10.0	0.0



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CATALOG NUMBER: IFLD-L-SA8D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.0	10.0	10.0	0.0
-25°	20.0	10.0	10.0	0.0
-27.5°	20.0	10.0	10.0	0.0
-30°	20.0	10.0	10.0	0.0
-32.5°	20.0	10.0	10.0	0.0
-35°	20.0	10.0	10.0	0.0
-37.5°	20.0	10.0	10.0	0.0
-40°	20.0	10.0	10.0	0.0
-42.5°	15.0	10.0	5.0	0.0
-45°	20.0	10.0	5.0	0.0
-47.5°	20.0	10.0	5.0	0.0
-50°	20.0	10.0	5.0	0.0
-52.5°	20.0	10.0	5.0	0.0
-55°	20.0	10.0	5.0	0.0
-57.5°	20.0	10.0	5.0	0.0
-60°	20.0	10.0	5.0	0.0
-62.5°	20.0	10.0	5.0	0.0
-65°	20.0	10.0	5.0	0.0
-67.5°	20.0	10.0	5.0	0.0
-70°	20.0	5.0	5.0	0.0
-72.5°	15.0	5.0	5.0	0.0
-75°	15.0	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)