

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: P723850

Luminaire Tested: **IFLD-S-SA6E-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723850
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	22258 lumens	Max Intensity:	523651.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	47.9 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:	8071.7 lumens	Field Lumens:	12867.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

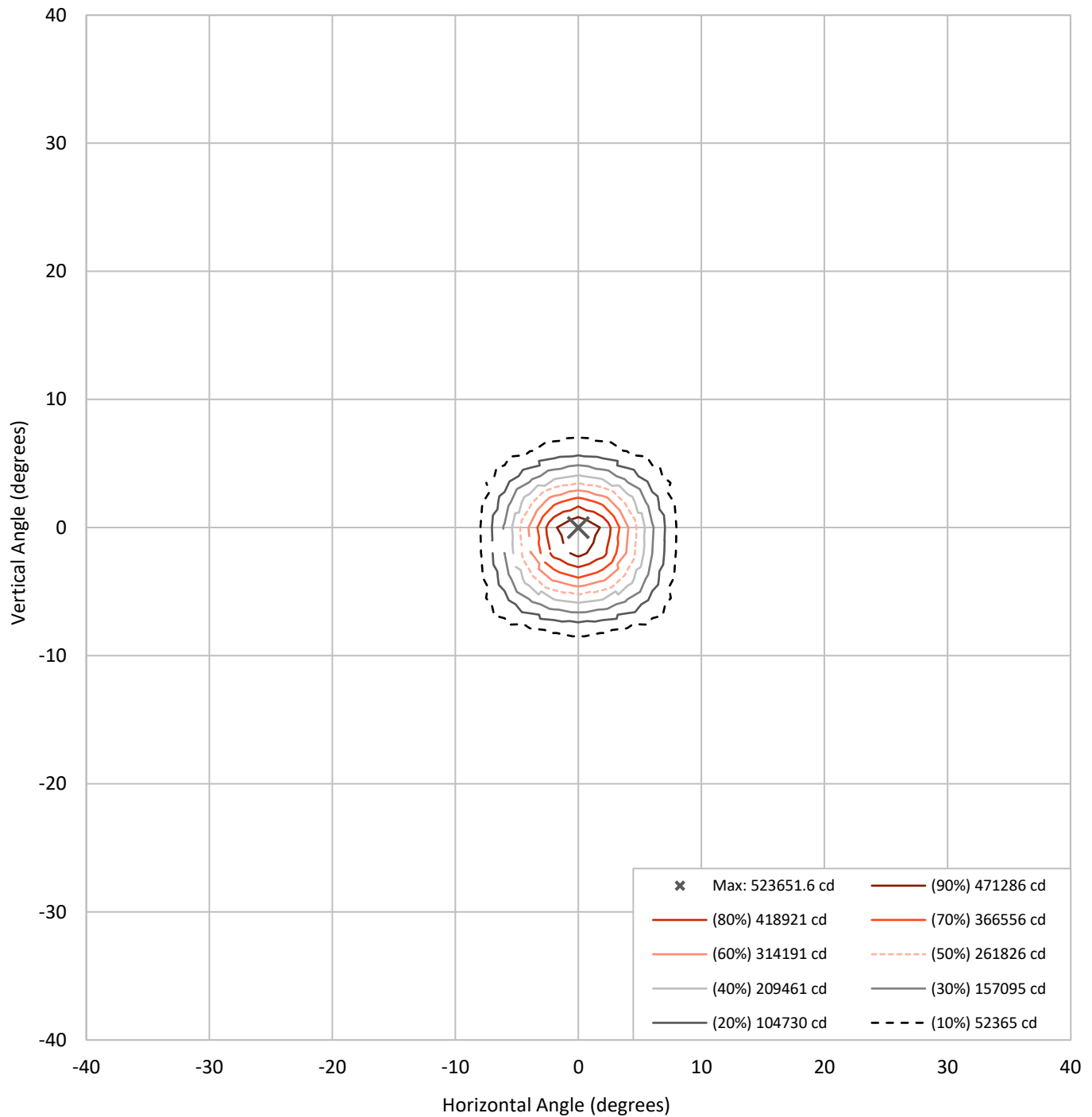
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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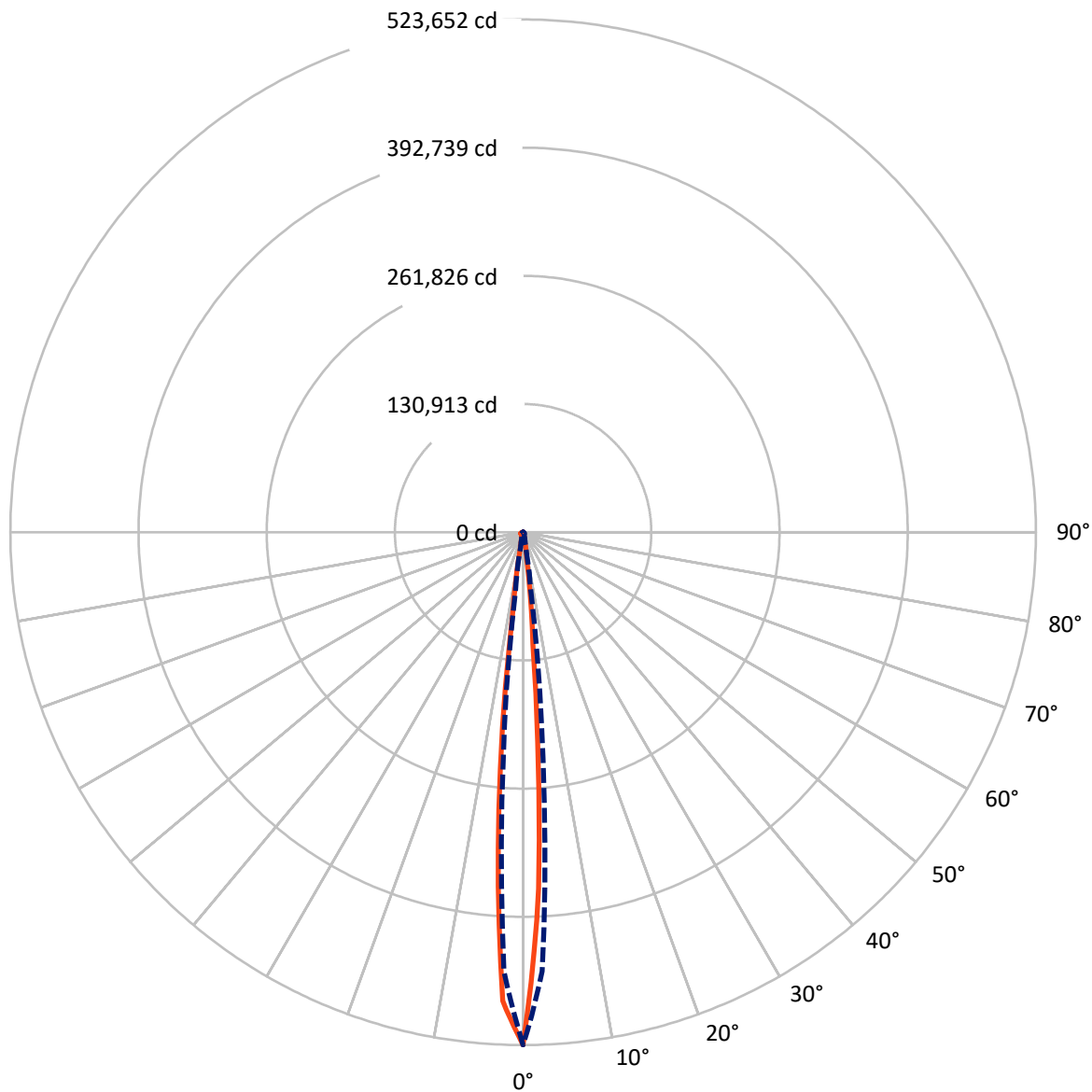
Lumen Table

90																			
80	0.4	5.0		5.4		2.1		0.6		2.1		5.4		5.0		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	2.6	5.7	9.4	12.0	13.8	13.8	12.0	9.4	5.7	2.6	1.0	0.7				
40	0.6	0.7	3.0	10.1	20.0	29.2	35.1	38.9	38.9	35.1	29.2	20.0	10.1	3.0	0.7	0.6			
30		1.5	7.7	20.8	33.9	39.8	42.9	44.4	44.4	42.9	39.8	33.9	20.8	7.7	1.5				
20	0.9	2.9	13.2	30.3	39.2	40.4	47.7	57.4	57.4	47.7	40.4	39.2	30.3	13.2	2.9	0.9			
10		4.5	18.5	37.2	41.8	47.2	82.9	141.3	141.3	82.9	47.2	41.8	37.2	18.5	4.5				
0	1.5	5.9	22.7	40.9	43.4	58.2	157.7	2921.9	2921.9	157.7	58.2	43.4	40.9	22.7	5.9	1.5			
-10		6.9	24.8	43.0	45.0	60.2	169.9	4260.4	4260.4	169.9	60.2	45.0	43.0	24.8	6.9				
-20	2.1	7.4	25.5	45.2	48.7	54.3	98.7	189.5	189.5	98.7	54.3	48.7	45.2	25.5	7.4	2.1			
-30		6.9	24.2	45.8	54.6	54.7	63.9	78.0	78.0	63.9	54.7	54.6	45.8	24.2	6.9				
-40	2.3	6.1	21.4	43.8	60.1	65.5	68.2	68.7	68.7	68.2	65.5	60.1	43.8	21.4	6.1	2.3			
-50		5.4	17.2	37.2	57.9	70.5	79.0	82.8	82.8	79.0	70.5	57.9	37.2	17.2	5.4				
-60	1.9	4.9	13.3	28.8	49.4	66.4	77.1	81.6	81.6	77.1	66.4	49.4	28.8	13.3	4.9	1.9			
-70		4.5	11.7	23.5	41.2	58.0	70.2	75.9	75.9	70.2	58.0	41.2	23.5	11.7	4.5				
-80	0.9	13.8		41.0		76.0		83.8		76.0		41.0		13.8		0.9			
-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



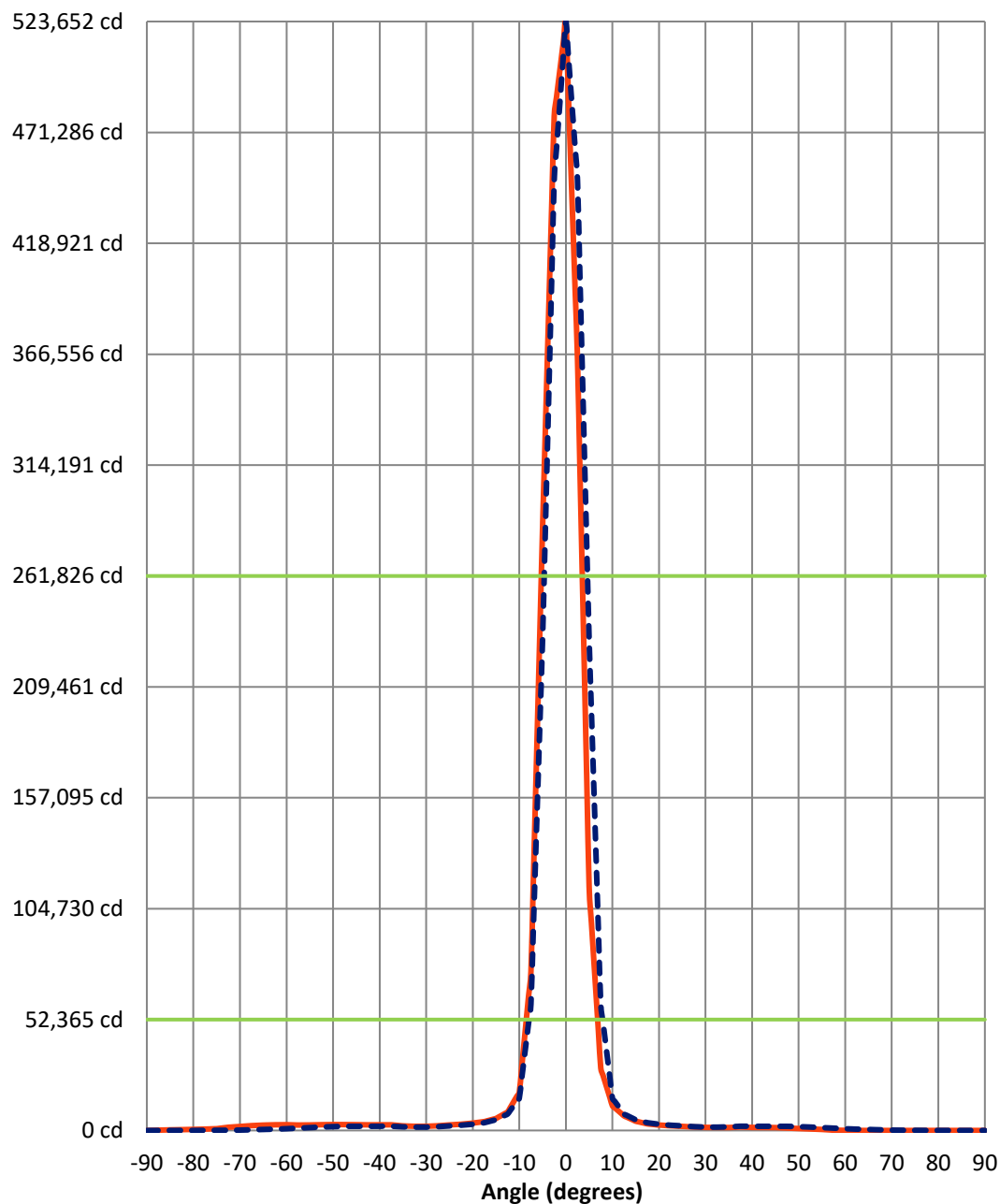
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8071.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12867.8

Efficiency: 57.8%

Spill:

Lumens: 9390.2

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	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	10.3	10.3	10.3	15.4	20.6	25.7	25.7	30.8
82.5°	0.0	5.1	5.1	10.3	10.3	15.4	15.4	25.7	30.8	36.0	46.2
80°	5.1	5.1	5.1	10.3	10.3	15.4	15.4	20.6	25.7	36.0	41.1
77.5°	0.0	5.1	5.1	5.1	10.3	10.3	10.3	15.4	20.6	25.7	30.8
75°	0.0	5.1	5.1	5.1	10.3	10.3	10.3	10.3	15.4	15.4	20.6
72.5°	0.0	0.0	0.0	5.1	5.1	10.3	10.3	10.3	15.4	15.4	15.4
70°	0.0	0.0	0.0	5.1	5.1	10.3	10.3	10.3	15.4	15.4	15.4
67.5°	0.0	0.0	0.0	5.1	5.1	10.3	10.3	10.3	15.4	15.4	15.4
65°	0.0	0.0	0.0	5.1	5.1	10.3	10.3	15.4	15.4	15.4	15.4
62.5°	5.1	5.1	5.1	10.3	15.4	15.4	20.6	25.7	25.7	25.7	25.7
60°	51.4	56.5	61.7	61.7	56.5	56.5	61.7	61.7	61.7	61.7	61.7
57.5°	138.7	149.0	154.1	154.1	154.1	149.0	169.6	174.7	154.1	143.9	159.3
55°	483.0	498.4	488.1	472.7	441.9	405.9	395.6	390.5	395.6	369.9	328.8
52.5°	703.9	719.3	714.2	703.9	683.4	657.7	637.1	616.6	596.0	554.9	508.7
50°	914.6	919.7	914.6	904.3	883.8	858.1	817.0	770.7	729.6	719.3	678.2
47.5°	1151.0	1166.4	1166.4	1161.2	1145.8	1099.6	1037.9	971.1	940.3	930.0	888.9
45°	1361.6	1371.9	1377.0	1382.2	1377.0	1330.8	1274.3	1238.3	1171.5	1151.0	1151.0
42.5°	1418.1	1423.3	1428.4	1433.5	1449.0	1413.0	1366.8	1305.1	1289.7	1284.5	1274.3
40°	1438.7	1428.4	1433.5	1438.7	1443.8	1418.1	1382.2	1346.2	1335.9	1325.6	1325.6
37.5°	1633.9	1587.7	1551.7	1520.9	1495.2	1469.5	1433.5	1402.7	1377.0	1356.5	1377.0
35°	1392.4	1392.4	1428.4	1459.2	1490.1	1520.9	1526.0	1490.1	1433.5	1407.9	1443.8
32.5°	1423.3	1423.3	1423.3	1433.5	1443.8	1469.5	1495.2	1510.6	1551.7	1505.5	1505.5
30°	1454.1	1459.2	1469.5	1474.7	1459.2	1449.0	1438.7	1438.7	1464.4	1531.2	1567.1
27.5°	1633.9	1633.9	1618.5	1598.0	1551.7	1479.8	1443.8	1392.4	1397.6	1428.4	1515.8
25°	1926.8	1916.5	1880.6	1829.2	1747.0	1644.2	1546.6	1438.7	1392.4	1377.0	1413.0
22.5°	2204.3	2188.9	2142.6	2096.4	2029.6	1926.8	1762.4	1598.0	1454.1	1392.4	1377.0
20°	2558.8	2522.8	2471.5	2399.5	2291.6	2188.9	2045.0	1829.2	1618.5	1459.2	1397.6
17.5°	3129.1	3082.9	2985.3	2856.8	2671.8	2512.6	2307.0	2101.5	1865.2	1608.2	1469.5
15°	4377.7	4259.5	4090.0	3735.5	3370.6	3067.5	2759.2	2414.9	2173.4	1834.3	1623.7
12.5°	6885.1	6561.4	6068.2	5240.9	4424.0	3720.0	3221.6	2779.8	2389.2	2075.8	1777.8
10°	11653.4	10959.7	9598.1	7337.3	5831.8	4537.0	3643.0	3052.1	2558.8	2235.1	1906.3
7.5°	29472.5	24041.5	17012.5	11617.4	7630.2	5544.1	4167.1	3309.0	2738.6	2337.9	2009.0
5°	114869.0	94624.6	50477.4	21066.5	11478.7	6705.3	4639.8	3514.5	2856.8	2414.9	2086.1
2.5°	364558.4	314820.9	165171.6	45349.5	14094.0	7553.1	4963.5	3643.0	2923.6	2471.5	2142.6
0°	523651.6	448788.4	231808.6	59643.9	15286.1	7768.9	5066.2	3668.7	2933.9	2481.7	2142.6
-2.5°	479052.2	419264.5	223926.6	55502.5	15620.0	7830.6	5148.4	3756.0	3011.0	2528.0	2158.0
-5°	284649.5	249679.1	156205.5	39574.2	13878.2	7270.5	4932.6	3678.9	2959.6	2502.3	2147.8
-7.5°	74996.7	64925.9	42708.5	20650.3	8981.5	6150.4	4531.9	3550.5	2892.8	2456.0	2106.7
-10°	18081.2	17135.8	15306.6	9382.3	6993.1	5138.2	4018.0	3319.3	2759.2	2394.4	2039.9
-12.5°	8719.5	8513.9	7727.8	6371.3	5189.6	4269.8	3637.8	3077.8	2635.9	2286.5	1947.4
-15°	5672.5	5554.4	5287.2	4768.2	4167.1	3725.2	3283.3	2831.1	2481.7	2127.2	1870.3
-17.5°	4197.9	4192.7	4059.2	3863.9	3565.9	3237.0	2913.3	2625.6	2286.5	1983.3	1788.1
-20°	3478.5	3478.5	3401.5	3273.0	3062.3	2846.5	2630.7	2363.6	2086.1	1860.0	1777.8

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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°	2954.4	2959.6	2918.5	2836.3	2723.2	2543.4	2332.7	2116.9	1916.5	1834.3	1808.6
-25°	2615.3	2605.1	2558.8	2481.7	2363.6	2219.7	2081.0	1937.1	1880.6	1860.0	1896.0
-27.5°	2214.6	2230.0	2209.4	2173.4	2096.4	1993.6	1962.8	1921.7	1932.0	1962.8	2101.5
-30°	1978.2	1993.6	2014.2	2029.6	2003.9	1978.2	1988.5	2019.3	2086.1	2204.3	2255.7
-32.5°	1978.2	1983.3	2014.2	2045.0	2060.4	2081.0	2137.5	2240.2	2337.9	2307.0	2296.8
-35°	2158.0	2142.6	2183.7	2224.8	2281.3	2353.3	2414.9	2394.4	2358.4	2348.1	2358.4
-37.5°	2671.8	2574.2	2533.1	2507.4	2492.0	2481.7	2466.3	2450.9	2435.5	2425.2	2440.6
-40°	2666.7	2641.0	2615.3	2594.8	2579.4	2558.8	2548.5	2543.4	2528.0	2517.7	2507.4
-42.5°	2656.4	2666.7	2666.7	2661.6	2666.7	2661.6	2646.2	2625.6	2599.9	2579.4	2558.8
-45°	2733.5	2738.6	2748.9	2759.2	2774.6	2754.1	2723.2	2687.3	2651.3	2620.5	2594.8
-47.5°	2779.8	2784.9	2795.2	2810.6	2820.9	2800.3	2759.2	2713.0	2656.4	2605.1	2553.7
-50°	2795.2	2810.6	2815.7	2815.7	2810.6	2784.9	2723.2	2656.4	2594.8	2543.4	2497.2
-52.5°	2723.2	2738.6	2743.8	2733.5	2728.4	2702.7	2646.2	2584.5	2517.7	2481.7	2440.6
-55°	2605.1	2625.6	2641.0	2641.0	2641.0	2635.9	2584.5	2528.0	2476.6	2435.5	2394.4
-57.5°	2558.8	2594.8	2625.6	2630.7	2635.9	2641.0	2605.1	2548.5	2486.9	2425.2	2373.8
-60°	2728.4	2759.2	2774.6	2754.1	2738.6	2723.2	2666.7	2599.9	2538.3	2476.6	2379.0
-62.5°	2682.1	2733.5	2759.2	2743.8	2723.2	2697.5	2635.9	2558.8	2486.9	2420.1	2322.5
-65°	2533.1	2579.4	2610.2	2584.5	2553.7	2517.7	2461.2	2389.2	2322.5	2255.7	2168.3
-67.5°	2281.3	2348.1	2399.5	2343.0	2301.9	2255.7	2209.4	2147.8	2081.0	2003.9	1921.7
-70°	1885.7	1937.1	1983.3	1967.9	1957.6	1947.4	1916.5	1854.9	1798.4	1736.7	1664.8
-72.5°	1515.8	1562.0	1603.1	1577.4	1556.9	1526.0	1479.8	1413.0	1346.2	1279.4	1212.6
-75°	837.5	852.9	868.4	863.2	863.2	863.2	863.2	868.4	858.1	842.7	811.8
-77.5°	642.3	662.8	678.2	688.5	703.9	724.5	739.9	714.2	688.5	662.8	632.0
-80°	503.5	524.1	539.5	596.0	637.1	683.4	714.2	678.2	642.3	611.4	585.8
-82.5°	380.2	395.6	411.1	441.9	462.4	488.1	508.7	508.7	503.5	498.4	483.0
-85°	277.5	298.0	318.6	328.8	344.3	344.3	349.4	328.8	308.3	292.9	272.3
-87.5°	159.3	164.4	164.4	164.4	169.6	169.6	169.6	159.3	154.1	143.9	138.7
-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°	5.1	5.1	5.1	10.3	10.3	15.4	15.4	20.6	20.6	25.7	25.7
85°	30.8	30.8	30.8	36.0	36.0	41.1	46.2	51.4	56.5	56.5	61.7
82.5°	51.4	56.5	61.7	66.8	71.9	77.1	82.2	87.3	102.8	113.0	118.2
80°	51.4	56.5	71.9	82.2	92.5	102.8	102.8	102.8	102.8	107.9	118.2
77.5°	36.0	41.1	46.2	56.5	82.2	102.8	118.2	128.5	118.2	113.0	102.8
75°	20.6	25.7	30.8	36.0	51.4	71.9	97.6	123.3	143.9	138.7	128.5
72.5°	20.6	20.6	25.7	30.8	36.0	41.1	46.2	71.9	102.8	128.5	143.9
70°	20.6	25.7	25.7	30.8	36.0	41.1	46.2	56.5	71.9	102.8	133.6
67.5°	20.6	25.7	25.7	36.0	46.2	51.4	56.5	51.4	46.2	66.8	97.6
65°	20.6	20.6	25.7	30.8	36.0	41.1	56.5	56.5	51.4	51.4	51.4
62.5°	30.8	30.8	30.8	30.8	36.0	36.0	36.0	46.2	46.2	46.2	46.2
60°	61.7	56.5	56.5	56.5	56.5	46.2	46.2	46.2	41.1	46.2	41.1
57.5°	149.0	123.3	113.0	113.0	97.6	92.5	77.1	56.5	56.5	46.2	46.2
55°	303.2	287.7	241.5	200.4	179.8	159.3	123.3	102.8	77.1	61.7	56.5
52.5°	467.6	426.5	385.4	334.0	282.6	241.5	205.5	159.3	128.5	92.5	71.9
50°	611.4	575.5	529.2	472.7	405.9	354.5	303.2	241.5	190.1	143.9	102.8
47.5°	832.4	760.4	703.9	637.1	560.1	488.1	421.3	349.4	267.2	210.7	159.3
45°	1068.7	966.0	888.9	827.2	724.5	626.9	549.8	472.7	375.1	277.5	215.8
42.5°	1233.2	1156.1	1053.3	971.1	878.6	775.9	673.1	590.9	488.1	375.1	277.5
40°	1320.5	1269.1	1186.9	1115.0	1017.4	904.3	796.4	714.2	606.3	483.0	349.4
37.5°	1387.3	1361.6	1320.5	1264.0	1171.5	1037.9	930.0	832.4	739.9	596.0	452.2
35°	1464.4	1459.2	1433.5	1407.9	1330.8	1202.3	1073.9	960.8	847.8	714.2	554.9
32.5°	1536.3	1531.2	1515.8	1505.5	1474.7	1361.6	1222.9	1094.4	966.0	827.2	652.5
30°	1572.3	1562.0	1562.0	1572.3	1541.5	1469.5	1366.8	1228.0	1084.2	919.7	755.3
27.5°	1572.3	1562.0	1567.1	1582.6	1577.4	1541.5	1464.4	1351.3	1192.1	1007.1	847.8
25°	1505.5	1556.9	1556.9	1577.4	1582.6	1572.3	1531.2	1459.2	1294.8	1099.6	919.7
22.5°	1413.0	1536.3	1582.6	1577.4	1582.6	1608.2	1613.4	1546.6	1392.4	1192.1	991.7
20°	1413.0	1500.3	1633.9	1598.0	1608.2	1664.8	1690.5	1633.9	1495.2	1279.4	1063.6
17.5°	1443.8	1500.3	1613.4	1669.9	1685.3	1731.6	1772.7	1736.7	1587.7	1371.9	1161.2
15°	1531.2	1520.9	1598.0	1736.7	1762.4	1798.4	1844.6	1803.5	1669.9	1474.7	1253.7
12.5°	1592.8	1536.3	1598.0	1747.0	1829.2	1865.2	1880.6	1849.7	1741.8	1567.1	1346.2
10°	1675.0	1577.4	1608.2	1736.7	1854.9	1880.6	1896.0	1885.7	1808.6	1644.2	1428.4
7.5°	1736.7	1598.0	1598.0	1721.3	1880.6	1901.1	1911.4	1921.7	1865.2	1711.0	1500.3
5°	1762.4	1598.0	1587.7	1705.9	1906.3	1926.8	1926.8	1942.2	1906.3	1762.4	1551.7
2.5°	1767.5	1592.8	1577.4	1695.6	1952.5	1952.5	1942.2	1957.6	1937.1	1793.2	1587.7
0°	1793.2	1587.7	1572.3	1711.0	2003.9	1983.3	1957.6	1962.8	1952.5	1808.6	1608.2
-2.5°	1793.2	1613.4	1592.8	1721.3	1998.7	1993.6	1983.3	1988.5	1978.2	1854.9	1649.4
-5°	1818.9	1649.4	1628.8	1767.5	1993.6	2009.0	2014.2	2014.2	1998.7	1885.7	1675.0
-7.5°	1824.1	1675.0	1669.9	1813.8	2003.9	2029.6	2045.0	2055.3	2024.4	1906.3	1695.6
-10°	1798.4	1685.3	1711.0	1870.3	2014.2	2050.1	2081.0	2096.4	2045.0	1916.5	1705.9
-12.5°	1741.8	1685.3	1752.1	1942.2	2039.9	2081.0	2127.2	2132.3	2065.5	1921.7	1711.0
-15°	1736.7	1726.4	1824.1	2014.2	2055.3	2106.7	2178.6	2163.2	2081.0	1921.7	1711.0
-17.5°	1731.6	1782.9	1932.0	2039.9	2081.0	2137.5	2194.0	2178.6	2091.2	1921.7	1700.7
-20°	1777.8	1875.4	2060.4	2065.5	2111.8	2173.4	2204.3	2173.4	2075.8	1906.3	1685.3

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CATALOG NUMBER: IFLD-S-SA6E-830-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°	1854.9	2039.9	2101.5	2122.1	2163.2	2209.4	2224.8	2178.6	2060.4	1880.6	1659.6
-25°	2050.1	2142.6	2142.6	2188.9	2230.0	2250.5	2235.1	2183.7	2039.9	1854.9	1633.9
-27.5°	2199.1	2194.0	2219.7	2265.9	2301.9	2301.9	2260.8	2158.0	2009.0	1829.2	1598.0
-30°	2255.7	2260.8	2296.8	2348.1	2358.4	2332.7	2271.1	2137.5	1983.3	1788.1	1551.7
-32.5°	2312.2	2332.7	2379.0	2404.7	2409.8	2358.4	2245.4	2101.5	1942.2	1741.8	1500.3
-35°	2379.0	2420.1	2445.8	2450.9	2425.2	2337.9	2209.4	2055.3	1880.6	1675.0	1454.1
-37.5°	2466.3	2486.9	2502.3	2481.7	2409.8	2307.0	2147.8	1993.6	1824.1	1603.1	1387.3
-40°	2522.8	2533.1	2538.3	2471.5	2384.1	2235.1	2081.0	1921.7	1726.4	1520.9	1315.4
-42.5°	2558.8	2548.5	2507.4	2435.5	2307.0	2163.2	2014.2	1834.3	1639.1	1438.7	1238.3
-45°	2548.5	2512.6	2450.9	2363.6	2230.0	2086.1	1911.4	1731.6	1546.6	1351.3	1151.0
-47.5°	2507.4	2450.9	2373.8	2271.1	2147.8	1973.1	1798.4	1623.7	1443.8	1253.7	1068.7
-50°	2456.0	2389.2	2296.8	2168.3	2003.9	1844.6	1685.3	1515.8	1330.8	1156.1	991.7
-52.5°	2399.5	2327.6	2209.4	2065.5	1885.7	1721.3	1567.1	1402.7	1233.2	1068.7	924.9
-55°	2337.9	2265.9	2132.3	1967.9	1788.1	1608.2	1459.2	1320.5	1156.1	996.8	868.4
-57.5°	2307.0	2214.6	2075.8	1911.4	1721.3	1536.3	1407.9	1258.9	1109.8	945.4	822.1
-60°	2281.3	2188.9	2060.4	1870.3	1690.5	1515.8	1366.8	1222.9	1063.6	909.5	786.1
-62.5°	2209.4	2111.8	1993.6	1808.6	1633.9	1474.7	1341.1	1171.5	1017.4	873.5	760.4
-65°	2065.5	1962.8	1860.0	1695.6	1536.3	1387.3	1253.7	1099.6	955.7	832.4	734.8
-67.5°	1839.5	1752.1	1659.6	1520.9	1387.3	1253.7	1130.4	996.8	878.6	791.3	739.9
-70°	1587.7	1495.2	1402.7	1289.7	1176.6	1068.7	971.1	873.5	796.4	750.2	709.1
-72.5°	1156.1	1115.0	1068.7	981.4	888.9	822.1	775.9	734.8	678.2	637.1	611.4
-75°	770.7	714.2	642.3	611.4	616.6	606.3	580.6	549.8	524.1	508.7	472.7
-77.5°	601.2	570.3	534.4	498.4	483.0	467.6	447.0	421.3	400.8	364.8	313.4
-80°	554.9	529.2	503.5	477.8	452.2	416.2	375.1	334.0	313.4	298.0	292.9
-82.5°	457.3	426.5	395.6	369.9	334.0	308.3	282.6	262.0	262.0	256.9	251.8
-85°	262.0	251.8	236.4	226.1	215.8	200.4	185.0	174.7	169.6	164.4	159.3
-87.5°	133.6	128.5	118.2	113.0	107.9	102.8	92.5	87.3	82.2	82.2	77.1
-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-S-SA6E-830-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°	25.7	25.7	20.6	20.6	20.6	15.4	10.3	10.3	5.1	5.1	0.0
85°	61.7	51.4	46.2	41.1	41.1	30.8	20.6	15.4	10.3	5.1	5.1
82.5°	118.2	102.8	87.3	77.1	61.7	46.2	36.0	25.7	15.4	10.3	5.1
80°	133.6	133.6	128.5	107.9	87.3	66.8	46.2	30.8	20.6	15.4	10.3
77.5°	102.8	113.0	113.0	113.0	107.9	82.2	56.5	36.0	20.6	15.4	10.3
75°	118.2	102.8	97.6	102.8	97.6	82.2	66.8	41.1	25.7	20.6	10.3
72.5°	143.9	123.3	107.9	102.8	92.5	77.1	61.7	46.2	25.7	20.6	15.4
70°	133.6	128.5	118.2	107.9	92.5	77.1	61.7	46.2	30.8	20.6	15.4
67.5°	118.2	118.2	118.2	107.9	92.5	71.9	56.5	41.1	30.8	20.6	15.4
65°	82.2	97.6	107.9	102.8	92.5	71.9	56.5	41.1	30.8	25.7	15.4
62.5°	51.4	66.8	87.3	97.6	87.3	71.9	51.4	41.1	30.8	25.7	15.4
60°	46.2	51.4	61.7	77.1	82.2	66.8	51.4	36.0	30.8	25.7	15.4
57.5°	46.2	46.2	51.4	61.7	66.8	61.7	46.2	30.8	30.8	25.7	20.6
55°	51.4	46.2	46.2	51.4	56.5	56.5	46.2	30.8	30.8	25.7	20.6
52.5°	61.7	51.4	46.2	46.2	46.2	51.4	41.1	30.8	30.8	25.7	20.6
50°	77.1	61.7	56.5	46.2	46.2	46.2	41.1	30.8	25.7	25.7	20.6
47.5°	102.8	82.2	61.7	56.5	46.2	41.1	36.0	30.8	25.7	25.7	20.6
45°	154.1	97.6	82.2	61.7	51.4	46.2	41.1	30.8	25.7	25.7	20.6
42.5°	210.7	143.9	102.8	71.9	56.5	46.2	41.1	36.0	25.7	25.7	20.6
40°	267.2	195.3	128.5	92.5	66.8	51.4	41.1	36.0	30.8	25.7	20.6
37.5°	328.8	241.5	169.6	118.2	77.1	56.5	46.2	36.0	30.8	25.7	20.6
35°	405.9	303.2	210.7	143.9	92.5	66.8	51.4	36.0	30.8	25.7	20.6
32.5°	493.3	359.7	251.8	174.7	118.2	82.2	56.5	41.1	30.8	25.7	20.6
30°	575.5	426.5	298.0	210.7	143.9	92.5	61.7	41.1	30.8	25.7	15.4
27.5°	657.7	493.3	354.5	246.6	174.7	107.9	66.8	46.2	30.8	25.7	20.6
25°	739.9	560.1	411.1	282.6	200.4	128.5	82.2	51.4	30.8	25.7	20.6
22.5°	811.8	626.9	462.4	323.7	231.2	149.0	92.5	56.5	36.0	25.7	20.6
20°	894.0	698.8	519.0	369.9	256.9	169.6	102.8	61.7	36.0	25.7	20.6
17.5°	971.1	770.7	575.5	411.1	287.7	190.1	118.2	66.8	41.1	25.7	20.6
15°	1048.2	837.5	626.9	452.2	318.6	210.7	128.5	71.9	46.2	25.7	20.6
12.5°	1120.1	899.2	673.1	488.1	344.3	231.2	138.7	77.1	51.4	25.7	20.6
10°	1186.9	955.7	719.3	519.0	369.9	246.6	149.0	87.3	56.5	25.7	20.6
7.5°	1253.7	1001.9	755.3	549.8	400.8	267.2	159.3	92.5	61.7	30.8	20.6
5°	1294.8	1043.0	786.1	575.5	426.5	287.7	169.6	97.6	66.8	30.8	20.6
2.5°	1330.8	1073.9	806.7	601.2	452.2	303.2	169.6	102.8	71.9	30.8	20.6
0°	1351.3	1094.4	822.1	616.6	472.7	313.4	174.7	107.9	77.1	30.8	20.6
-2.5°	1397.6	1130.4	858.1	637.1	493.3	344.3	185.0	113.0	82.2	36.0	20.6
-5°	1428.4	1151.0	883.8	657.7	508.7	375.1	200.4	123.3	92.5	46.2	25.7
-7.5°	1454.1	1171.5	904.3	668.0	524.1	385.4	205.5	128.5	97.6	51.4	25.7
-10°	1459.2	1181.8	919.7	683.4	534.4	400.8	210.7	133.6	102.8	56.5	25.7
-12.5°	1464.4	1192.1	924.9	693.7	544.6	411.1	215.8	138.7	107.9	61.7	25.7
-15°	1459.2	1186.9	924.9	703.9	549.8	400.8	226.1	143.9	113.0	66.8	25.7
-17.5°	1449.0	1181.8	919.7	698.8	544.6	390.5	231.2	154.1	113.0	71.9	30.8
-20°	1433.5	1166.4	909.5	693.7	539.5	380.2	236.4	159.3	118.2	71.9	30.8

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CATALOG NUMBER: IFLD-S-SA6E-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1407.9	1140.7	888.9	678.2	529.2	369.9	236.4	169.6	123.3	71.9	30.8
-25°	1377.0	1115.0	868.4	657.7	513.8	354.5	236.4	174.7	128.5	71.9	30.8
-27.5°	1341.1	1089.3	837.5	642.3	493.3	344.3	236.4	179.8	133.6	71.9	30.8
-30°	1300.0	1053.3	811.8	616.6	477.8	344.3	241.5	185.0	138.7	71.9	30.8
-32.5°	1258.9	1017.4	781.0	596.0	457.3	339.1	241.5	190.1	143.9	66.8	36.0
-35°	1212.6	976.3	755.3	580.6	441.9	328.8	246.6	190.1	138.7	66.8	36.0
-37.5°	1156.1	924.9	729.6	565.2	431.6	318.6	246.6	195.3	133.6	66.8	36.0
-40°	1094.4	883.8	698.8	544.6	416.2	313.4	246.6	195.3	128.5	66.8	41.1
-42.5°	1027.6	837.5	668.0	524.1	400.8	308.3	246.6	195.3	123.3	66.8	41.1
-45°	966.0	791.3	632.0	498.4	385.4	308.3	246.6	190.1	113.0	71.9	41.1
-47.5°	899.2	739.9	590.9	472.7	380.2	303.2	241.5	179.8	102.8	71.9	41.1
-50°	842.7	688.5	560.1	447.0	369.9	308.3	246.6	164.4	102.8	71.9	41.1
-52.5°	786.1	652.5	524.1	436.7	359.7	313.4	241.5	154.1	102.8	71.9	41.1
-55°	739.9	616.6	503.5	421.3	369.9	323.7	231.2	138.7	102.8	71.9	41.1
-57.5°	703.9	596.0	488.1	426.5	385.4	313.4	215.8	133.6	102.8	66.8	41.1
-60°	678.2	575.5	493.3	447.0	390.5	298.0	205.5	133.6	102.8	66.8	36.0
-62.5°	657.7	580.6	519.0	462.4	369.9	277.5	195.3	133.6	92.5	61.7	36.0
-65°	662.8	601.2	529.2	441.9	354.5	256.9	179.8	128.5	87.3	56.5	36.0
-67.5°	678.2	585.8	498.4	416.2	318.6	231.2	164.4	118.2	82.2	56.5	36.0
-70°	626.9	539.5	452.2	354.5	272.3	200.4	154.1	107.9	71.9	51.4	36.0
-72.5°	565.2	452.2	359.7	287.7	231.2	185.0	138.7	97.6	66.8	46.2	30.8
-75°	411.1	328.8	267.2	241.5	205.5	164.4	123.3	87.3	61.7	46.2	30.8
-77.5°	292.9	272.3	246.6	220.9	185.0	143.9	107.9	82.2	56.5	41.1	25.7
-80°	287.7	262.0	231.2	190.1	154.1	123.3	92.5	71.9	51.4	36.0	20.6
-82.5°	241.5	205.5	174.7	143.9	118.2	97.6	77.1	56.5	41.1	25.7	15.4
-85°	149.0	128.5	113.0	97.6	82.2	66.8	51.4	36.0	25.7	15.4	10.3
-87.5°	71.9	66.8	56.5	46.2	41.1	30.8	25.7	20.6	15.4	10.3	5.1
-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-S-SA6E-830-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°	5.1	0.0	0.0	0.0
80°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	10.3	5.1	5.1	0.0
67.5°	10.3	5.1	5.1	0.0
65°	10.3	5.1	5.1	0.0
62.5°	10.3	5.1	5.1	0.0
60°	10.3	5.1	5.1	0.0
57.5°	10.3	5.1	5.1	0.0
55°	10.3	5.1	5.1	0.0
52.5°	10.3	5.1	5.1	0.0
50°	10.3	5.1	5.1	0.0
47.5°	10.3	10.3	5.1	0.0
45°	10.3	10.3	5.1	0.0
42.5°	10.3	10.3	5.1	0.0
40°	10.3	10.3	5.1	0.0
37.5°	10.3	10.3	5.1	0.0
35°	10.3	10.3	5.1	0.0
32.5°	15.4	10.3	5.1	0.0
30°	15.4	10.3	10.3	0.0
27.5°	15.4	10.3	10.3	0.0
25°	15.4	10.3	10.3	0.0
22.5°	15.4	10.3	10.3	0.0
20°	15.4	10.3	10.3	0.0
17.5°	15.4	10.3	10.3	0.0
15°	15.4	10.3	10.3	0.0
12.5°	15.4	10.3	10.3	0.0
10°	15.4	10.3	10.3	0.0
7.5°	15.4	10.3	10.3	0.0
5°	15.4	10.3	10.3	0.0
2.5°	15.4	10.3	10.3	0.0
0°	15.4	10.3	10.3	0.0
-2.5°	15.4	10.3	10.3	0.0
-5°	15.4	10.3	10.3	0.0
-7.5°	15.4	10.3	10.3	0.0
-10°	15.4	10.3	10.3	0.0
-12.5°	20.6	10.3	10.3	0.0
-15°	20.6	10.3	10.3	0.0
-17.5°	20.6	10.3	10.3	0.0
-20°	20.6	10.3	10.3	0.0

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CATALOG NUMBER: IFLD-S-SA6E-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.6	10.3	10.3	0.0
-25°	20.6	10.3	10.3	0.0
-27.5°	20.6	10.3	10.3	0.0
-30°	20.6	10.3	10.3	0.0
-32.5°	20.6	10.3	10.3	0.0
-35°	20.6	10.3	10.3	0.0
-37.5°	20.6	10.3	10.3	0.0
-40°	20.6	10.3	10.3	0.0
-42.5°	15.4	10.3	5.1	0.0
-45°	20.6	10.3	5.1	0.0
-47.5°	20.6	10.3	5.1	0.0
-50°	20.6	10.3	5.1	0.0
-52.5°	20.6	10.3	5.1	0.0
-55°	20.6	10.3	5.1	0.0
-57.5°	20.6	10.3	5.1	0.0
-60°	20.6	10.3	5.1	0.0
-62.5°	20.6	10.3	5.1	0.0
-65°	20.6	10.3	5.1	0.0
-67.5°	20.6	10.3	5.1	0.0
-70°	20.6	5.1	5.1	0.0
-72.5°	15.4	5.1	5.1	0.0
-75°	15.4	5.1	5.1	0.0
-77.5°	10.3	5.1	0.0	0.0
-80°	10.3	5.1	0.0	0.0
-82.5°	10.3	5.1	0.0	0.0
-85°	5.1	0.0	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)