

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: P723732

Luminaire Tested: **IFLD-S-SA6C-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723732
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21997.1 lumens	Max Intensity:	517513.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.4 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:	7977 lumens	Field Lumens:	12717 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

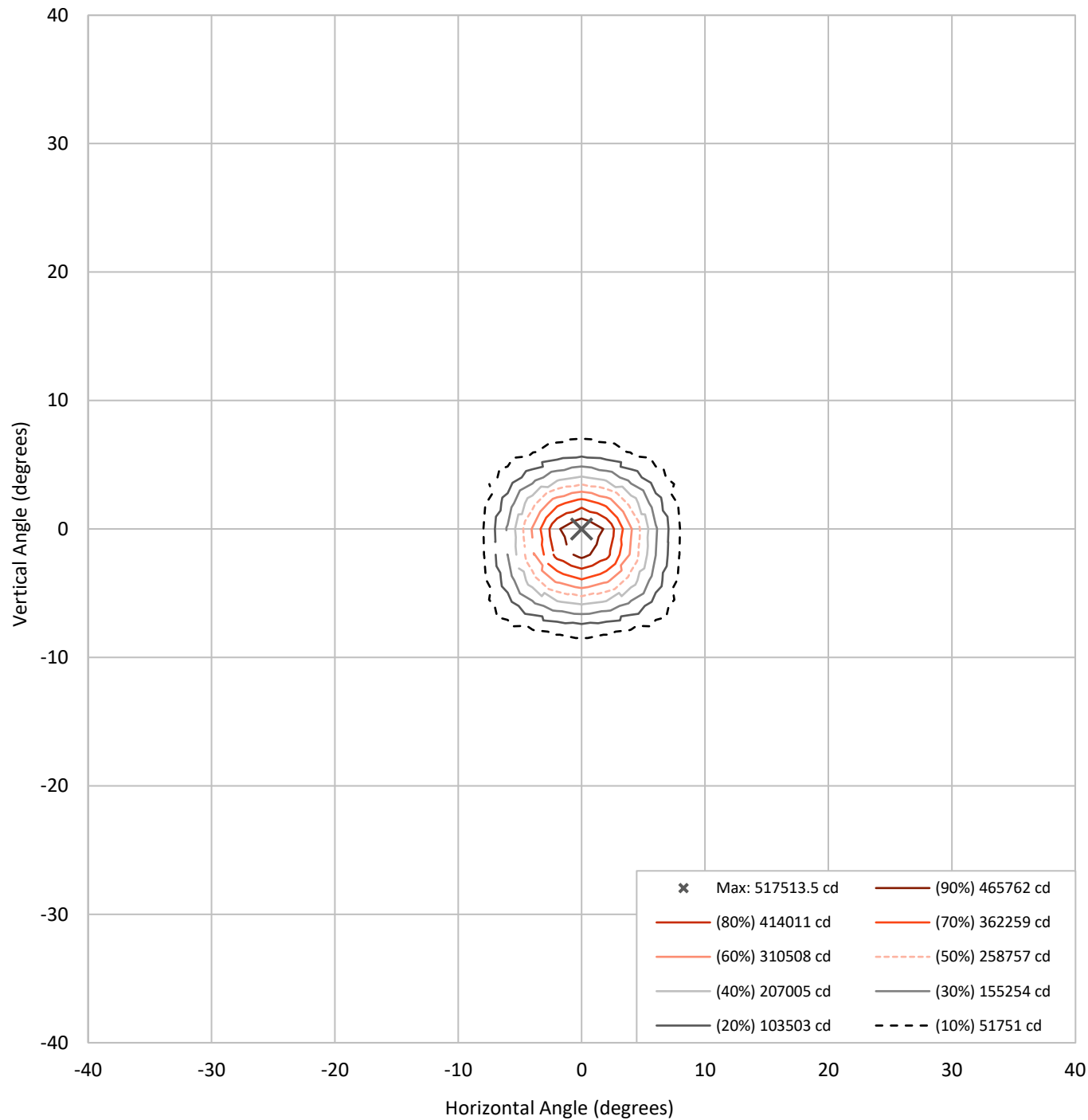
Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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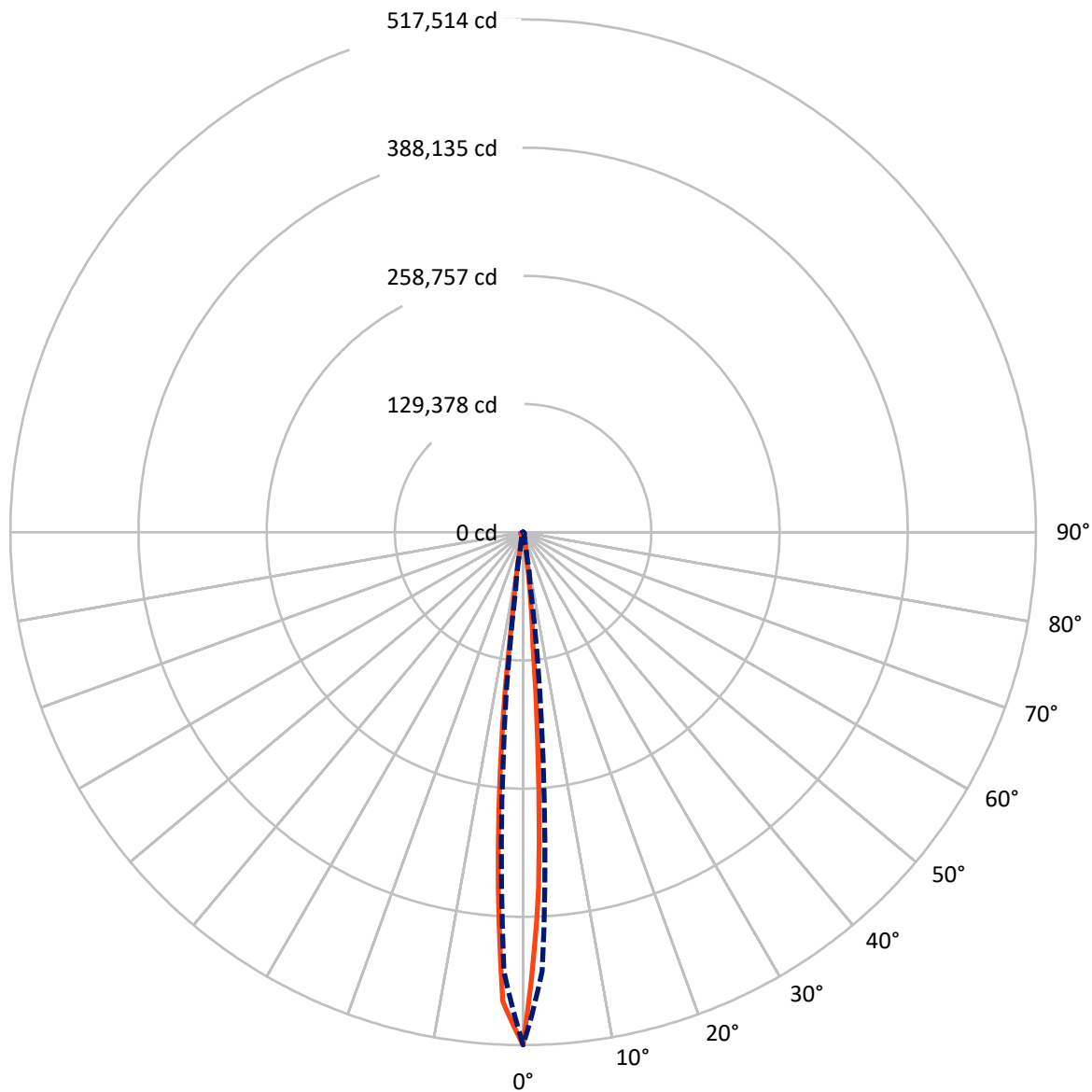
Lumen Table

90																		
80	0.4	4.9		5.3		2.0		0.6		2.0		5.3		4.9		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	9.3	11.9	13.7	13.7	11.9	9.3	5.7	2.6	1.0	0.7			
40	0.6	0.7	3.0	10.0	19.7	28.8	34.7	38.5	38.5	34.7	28.8	19.7	10.0	3.0	0.7	0.6		
30		1.5	7.6	20.6	33.5	39.3	42.4	43.9	43.9	42.4	39.3	33.5	20.6	7.6	1.5			
20	0.9	2.9	13.0	30.0	38.8	39.9	47.1	56.7	56.7	47.1	39.9	38.8	30.0	13.0	2.9	0.9		
10		4.5	18.3	36.8	41.3	46.6	81.9	139.6	139.6	81.9	46.6	41.3	36.8	18.3	4.5			
0	1.5	5.8	22.4	40.4	42.9	57.5	155.8	2887.7	2887.7	155.8	57.5	42.9	40.4	22.4	5.8	1.5		
-10		6.8	24.6	42.5	44.4	59.5	167.9	4210.5	4210.5	167.9	59.5	44.4	42.5	24.6	6.8			
-20	2.1	7.3	25.2	44.7	48.1	53.7	97.6	187.3	187.3	97.6	53.7	48.1	44.7	25.2	7.3	2.1		
-30		6.8	23.9	45.3	54.0	54.1	63.2	77.1	77.1	63.2	54.1	54.0	45.3	23.9	6.8			
-40	2.3	6.1	21.2	43.3	59.4	64.7	67.4	67.9	67.9	67.4	64.7	59.4	43.3	21.2	6.1	2.3		
-50		5.3	17.0	36.7	57.3	69.6	78.0	81.8	81.8	78.0	69.6	57.3	36.7	17.0	5.3			
-60	1.8	4.8	13.1	28.5	48.8	65.6	76.2	80.6	80.6	76.2	65.6	48.8	28.5	13.1	4.8	1.8		
-70		4.5	11.6	23.2	40.7	57.3	69.4	75.0	75.0	69.4	57.3	40.7	23.2	11.6	4.5			
-80	0.8	13.6		40.5		75.1		82.9		75.1		40.5		13.6		0.8		
-90																		
Horizontal Angle (degrees)																		
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



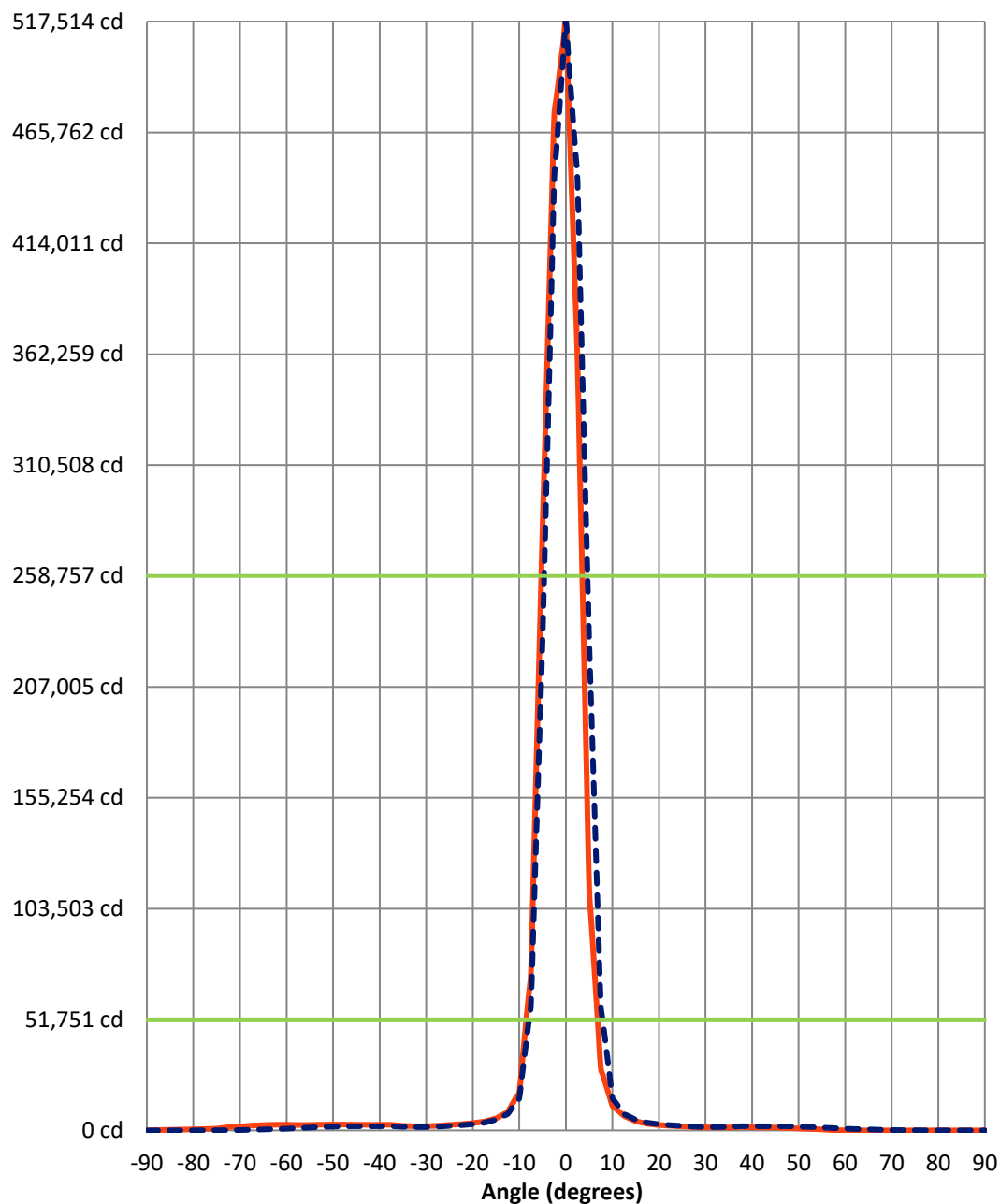
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7977

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12717

Efficiency: 57.8%

Spill:

Lumens: 9280.1

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	5.1	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	10.2	10.2	10.2	15.2	20.3	25.4	25.4	30.5
82.5°	0.0	5.1	5.1	10.2	10.2	15.2	15.2	25.4	30.5	35.5	45.7
80°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	20.3	25.4	35.5	40.6
77.5°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	15.2	20.3	25.4	30.5
75°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	15.2	15.2	20.3
72.5°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	10.2	15.2	15.2	15.2
70°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	10.2	15.2	15.2	15.2
67.5°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	10.2	15.2	15.2	15.2
65°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	15.2	15.2	15.2	15.2
62.5°	5.1	5.1	5.1	10.2	15.2	15.2	20.3	25.4	25.4	25.4	25.4
60°	50.8	55.9	60.9	60.9	55.9	55.9	60.9	60.9	60.9	60.9	60.9
57.5°	137.1	147.3	152.3	152.3	152.3	147.3	167.6	172.7	152.3	142.2	157.4
55°	477.3	492.6	482.4	467.2	436.7	401.2	391.0	385.9	391.0	365.6	325.0
52.5°	695.7	710.9	705.8	695.7	675.4	650.0	629.7	609.4	589.0	548.4	502.7
50°	903.9	909.0	903.9	893.7	873.4	848.0	807.4	761.7	721.1	710.9	670.3
47.5°	1137.5	1152.7	1152.7	1147.6	1132.4	1086.7	1025.7	959.7	929.3	919.1	878.5
45°	1345.7	1355.8	1360.9	1366.0	1360.9	1315.2	1259.3	1223.8	1157.8	1137.5	1137.5
42.5°	1401.5	1406.6	1411.7	1416.7	1432.0	1396.4	1350.7	1289.8	1274.6	1269.5	1259.3
40°	1421.8	1411.7	1416.7	1421.8	1426.9	1401.5	1366.0	1330.4	1320.3	1310.1	1310.1
37.5°	1614.8	1569.1	1533.5	1503.1	1477.7	1452.3	1416.7	1386.3	1360.9	1340.6	1360.9
35°	1376.1	1376.1	1411.7	1442.1	1472.6	1503.1	1508.1	1472.6	1416.7	1391.4	1426.9
32.5°	1406.6	1406.6	1406.6	1416.7	1426.9	1452.3	1477.7	1492.9	1533.5	1487.8	1487.8
30°	1437.1	1442.1	1452.3	1457.4	1442.1	1432.0	1421.8	1421.8	1447.2	1513.2	1548.8
27.5°	1614.8	1614.8	1599.6	1579.2	1533.5	1462.4	1426.9	1376.1	1381.2	1411.7	1498.0
25°	1904.2	1894.1	1858.5	1807.7	1726.5	1624.9	1528.5	1421.8	1376.1	1360.9	1396.4
22.5°	2178.4	2163.2	2117.5	2071.8	2005.8	1904.2	1741.7	1579.2	1437.1	1376.1	1360.9
20°	2528.8	2493.3	2442.5	2371.4	2264.8	2163.2	2021.0	1807.7	1599.6	1442.1	1381.2
17.5°	3092.5	3046.8	2950.3	2823.3	2640.5	2483.1	2280.0	2076.9	1843.3	1589.4	1452.3
15°	4326.4	4209.6	4042.0	3691.7	3331.1	3031.5	2726.9	2386.6	2148.0	1812.8	1604.6
12.5°	6804.4	6484.5	5997.1	5179.5	4372.1	3676.4	3183.9	2747.2	2361.2	2051.5	1757.0
10°	11516.8	10831.3	9485.6	7251.3	5763.5	4483.8	3600.3	3016.3	2528.8	2208.9	1883.9
7.5°	29127.1	23759.7	16813.1	11481.2	7540.7	5479.1	4118.2	3270.2	2706.5	2310.5	1985.5
5°	113522.5	93515.4	49885.7	20819.6	11344.1	6626.7	4585.4	3473.3	2823.3	2386.6	2061.6
2.5°	360285.2	311130.7	163235.6	44817.9	13928.8	7464.6	4905.3	3600.3	2889.3	2442.5	2117.5
0°	517513.5	443527.9	229091.4	58944.8	15106.9	7677.9	5006.9	3625.7	2899.5	2452.6	2117.5
-2.5°	473437.0	414350.0	221301.9	54851.9	15436.9	7738.8	5088.1	3712.0	2975.7	2498.3	2132.7
-5°	281313.0	246752.5	154374.6	39110.3	13715.5	7185.3	4874.8	3635.8	2924.9	2473.0	2122.6
-7.5°	74117.7	64164.9	42207.9	20408.3	8876.2	6078.3	4478.7	3508.9	2858.9	2427.3	2082.0
-10°	17869.3	16934.9	15127.2	9272.3	6911.1	5077.9	3971.0	3280.4	2726.9	2366.3	2015.9
-12.5°	8617.3	8414.2	7637.2	6296.6	5128.7	4219.8	3595.2	3041.7	2605.0	2259.7	1924.5
-15°	5606.0	5489.3	5225.2	4712.3	4118.2	3681.5	3244.8	2797.9	2452.6	2102.3	1848.4
-17.5°	4148.7	4143.6	4011.6	3818.6	3524.1	3199.1	2879.2	2594.8	2259.7	1960.1	1767.1
-20°	3437.8	3437.8	3361.6	3234.7	3026.5	2813.2	2599.9	2335.9	2061.6	1838.2	1757.0

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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°	2919.8	2924.9	2884.3	2803.0	2691.3	2513.6	2305.4	2092.1	1894.1	1812.8	1787.4
-25°	2584.7	2574.5	2528.8	2452.6	2335.9	2193.7	2056.6	1914.4	1858.5	1838.2	1873.8
-27.5°	2188.6	2203.8	2183.5	2148.0	2071.8	1970.2	1939.8	1899.2	1909.3	1939.8	2076.9
-30°	1955.0	1970.2	1990.6	2005.8	1980.4	1955.0	1965.2	1995.6	2061.6	2178.4	2229.2
-32.5°	1955.0	1960.1	1990.6	2021.0	2036.3	2056.6	2112.4	2214.0	2310.5	2280.0	2269.8
-35°	2132.7	2117.5	2158.1	2198.7	2254.6	2325.7	2386.6	2366.3	2330.8	2320.6	2330.8
-37.5°	2640.5	2544.0	2503.4	2478.0	2462.8	2452.6	2437.4	2422.2	2406.9	2396.8	2412.0
-40°	2635.5	2610.1	2584.7	2564.4	2549.1	2528.8	2518.7	2513.6	2498.3	2488.2	2478.0
-42.5°	2625.3	2635.5	2635.5	2630.4	2635.5	2630.4	2615.1	2594.8	2569.4	2549.1	2528.8
-45°	2701.5	2706.5	2716.7	2726.9	2742.1	2721.8	2691.3	2655.8	2620.2	2589.8	2564.4
-47.5°	2747.2	2752.2	2762.4	2777.6	2787.8	2767.5	2726.9	2681.2	2625.3	2574.5	2523.7
-50°	2762.4	2777.6	2782.7	2782.7	2777.6	2752.2	2691.3	2625.3	2564.4	2513.6	2467.9
-52.5°	2691.3	2706.5	2711.6	2701.5	2696.4	2671.0	2615.1	2554.2	2488.2	2452.6	2412.0
-55°	2574.5	2594.8	2610.1	2610.1	2610.1	2605.0	2554.2	2498.3	2447.6	2406.9	2366.3
-57.5°	2528.8	2564.4	2594.8	2599.9	2605.0	2610.1	2574.5	2518.7	2457.7	2396.8	2346.0
-60°	2696.4	2726.9	2742.1	2721.8	2706.5	2691.3	2635.5	2569.4	2508.5	2447.6	2351.1
-62.5°	2650.7	2701.5	2726.9	2711.6	2691.3	2665.9	2605.0	2528.8	2457.7	2391.7	2295.2
-65°	2503.4	2549.1	2579.6	2554.2	2523.7	2488.2	2432.3	2361.2	2295.2	2229.2	2142.9
-67.5°	2254.6	2320.6	2371.4	2315.5	2274.9	2229.2	2183.5	2122.6	2056.6	1980.4	1899.2
-70°	1863.6	1914.4	1960.1	1944.9	1934.7	1924.5	1894.1	1833.1	1777.3	1716.3	1645.3
-72.5°	1498.0	1543.7	1584.3	1558.9	1538.6	1508.1	1462.4	1396.4	1330.4	1264.4	1198.4
-75°	827.7	842.9	858.2	853.1	853.1	853.1	853.1	858.2	848.0	832.8	802.3
-77.5°	634.7	655.1	670.3	680.4	695.7	716.0	731.2	705.8	680.4	655.1	624.6
-80°	497.6	518.0	533.2	589.0	629.7	675.4	705.8	670.3	634.7	604.3	578.9
-82.5°	375.8	391.0	406.2	436.7	457.0	482.4	502.7	502.7	497.6	492.6	477.3
-85°	274.2	294.5	314.8	325.0	340.2	340.2	345.3	325.0	304.7	289.4	269.1
-87.5°	157.4	162.5	162.5	162.5	167.6	167.6	167.6	157.4	152.3	142.2	137.1
-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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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	10.2	10.2	15.2	15.2	20.3	20.3	25.4	25.4
85°	30.5	30.5	30.5	35.5	35.5	40.6	45.7	50.8	55.9	55.9	60.9
82.5°	50.8	55.9	60.9	66.0	71.1	76.2	81.2	86.3	101.6	111.7	116.8
80°	50.8	55.9	71.1	81.2	91.4	101.6	101.6	101.6	101.6	106.6	116.8
77.5°	35.5	40.6	45.7	55.9	81.2	101.6	116.8	126.9	116.8	111.7	101.6
75°	20.3	25.4	30.5	35.5	50.8	71.1	96.5	121.9	142.2	137.1	126.9
72.5°	20.3	20.3	25.4	30.5	35.5	40.6	45.7	71.1	101.6	126.9	142.2
70°	20.3	25.4	25.4	30.5	35.5	40.6	45.7	55.9	71.1	101.6	132.0
67.5°	20.3	25.4	25.4	35.5	45.7	50.8	55.9	50.8	45.7	66.0	96.5
65°	20.3	20.3	25.4	30.5	35.5	40.6	55.9	55.9	50.8	50.8	50.8
62.5°	30.5	30.5	30.5	30.5	35.5	35.5	35.5	45.7	45.7	45.7	45.7
60°	60.9	55.9	55.9	55.9	55.9	45.7	45.7	45.7	40.6	45.7	40.6
57.5°	147.3	121.9	111.7	111.7	96.5	91.4	76.2	55.9	55.9	45.7	45.7
55°	299.6	284.4	238.7	198.0	177.7	157.4	121.9	101.6	76.2	60.9	55.9
52.5°	462.1	421.5	380.8	330.1	279.3	238.7	203.1	157.4	126.9	91.4	71.1
50°	604.3	568.7	523.0	467.2	401.2	350.4	299.6	238.7	187.9	142.2	101.6
47.5°	822.6	751.5	695.7	629.7	553.5	482.4	416.4	345.3	264.1	208.2	157.4
45°	1056.2	954.7	878.5	817.5	716.0	619.5	543.3	467.2	370.7	274.2	213.3
42.5°	1218.7	1142.5	1041.0	959.7	868.3	766.8	665.2	584.0	482.4	370.7	274.2
40°	1305.0	1254.3	1173.0	1101.9	1005.4	893.7	787.1	705.8	599.2	477.3	345.3
37.5°	1371.0	1345.7	1305.0	1249.2	1157.8	1025.7	919.1	822.6	731.2	589.0	446.9
35°	1447.2	1442.1	1416.7	1391.4	1315.2	1188.2	1061.3	949.6	837.9	705.8	548.4
32.5°	1518.3	1513.2	1498.0	1487.8	1457.4	1345.7	1208.6	1081.6	954.7	817.5	644.9
30°	1553.9	1543.7	1543.7	1553.9	1523.4	1452.3	1350.7	1213.6	1071.4	909.0	746.5
27.5°	1553.9	1543.7	1548.8	1564.0	1558.9	1523.4	1447.2	1335.5	1178.1	995.3	837.9
25°	1487.8	1538.6	1538.6	1558.9	1564.0	1553.9	1513.2	1442.1	1279.6	1086.7	909.0
22.5°	1396.4	1518.3	1564.0	1558.9	1564.0	1589.4	1594.5	1528.5	1376.1	1178.1	980.0
20°	1396.4	1482.8	1614.8	1579.2	1589.4	1645.3	1670.6	1614.8	1477.7	1264.4	1051.1
17.5°	1426.9	1482.8	1594.5	1650.3	1665.6	1711.3	1751.9	1716.3	1569.1	1355.8	1147.6
15°	1513.2	1503.1	1579.2	1716.3	1741.7	1777.3	1823.0	1782.4	1650.3	1457.4	1239.0
12.5°	1574.2	1518.3	1579.2	1726.5	1807.7	1843.3	1858.5	1828.1	1721.4	1548.8	1330.4
10°	1655.4	1558.9	1589.4	1716.3	1833.1	1858.5	1873.8	1863.6	1787.4	1624.9	1411.7
7.5°	1716.3	1579.2	1579.2	1701.1	1858.5	1878.8	1889.0	1899.2	1843.3	1691.0	1482.8
5°	1741.7	1579.2	1569.1	1685.9	1883.9	1904.2	1904.2	1919.5	1883.9	1741.7	1533.5
2.5°	1746.8	1574.2	1558.9	1675.7	1929.6	1929.6	1919.5	1934.7	1914.4	1772.2	1569.1
0°	1772.2	1569.1	1553.9	1691.0	1980.4	1960.1	1934.7	1939.8	1929.6	1787.4	1589.4
-2.5°	1772.2	1594.5	1574.2	1701.1	1975.3	1970.2	1960.1	1965.2	1955.0	1833.1	1630.0
-5°	1797.6	1630.0	1609.7	1746.8	1970.2	1985.5	1990.6	1990.6	1975.3	1863.6	1655.4
-7.5°	1802.7	1655.4	1650.3	1792.5	1980.4	2005.8	2021.0	2031.2	2000.7	1883.9	1675.7
-10°	1777.3	1665.6	1691.0	1848.4	1990.6	2026.1	2056.6	2071.8	2021.0	1894.1	1685.9
-12.5°	1721.4	1665.6	1731.6	1919.5	2015.9	2056.6	2102.3	2107.3	2041.3	1899.2	1691.0
-15°	1716.3	1706.2	1802.7	1990.6	2031.2	2082.0	2153.0	2137.8	2056.6	1899.2	1691.0
-17.5°	1711.3	1762.0	1909.3	2015.9	2056.6	2112.4	2168.3	2153.0	2066.7	1899.2	1680.8
-20°	1757.0	1853.4	2036.3	2041.3	2087.0	2148.0	2178.4	2148.0	2051.5	1883.9	1665.6

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CATALOG NUMBER: IFLD-S-SA6C-740-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°	1833.1	2015.9	2076.9	2097.2	2137.8	2183.5	2198.7	2153.0	2036.3	1858.5	1640.2
-25°	2026.1	2117.5	2117.5	2163.2	2203.8	2224.1	2208.9	2158.1	2015.9	1833.1	1614.8
-27.5°	2173.4	2168.3	2193.7	2239.4	2274.9	2274.9	2234.3	2132.7	1985.5	1807.7	1579.2
-30°	2229.2	2234.3	2269.8	2320.6	2330.8	2305.4	2244.5	2112.4	1960.1	1767.1	1533.5
-32.5°	2285.1	2305.4	2351.1	2376.5	2381.6	2330.8	2219.1	2076.9	1919.5	1721.4	1482.8
-35°	2351.1	2391.7	2417.1	2422.2	2396.8	2310.5	2183.5	2031.2	1858.5	1655.4	1437.1
-37.5°	2437.4	2457.7	2473.0	2452.6	2381.6	2280.0	2122.6	1970.2	1802.7	1584.3	1371.0
-40°	2493.3	2503.4	2508.5	2442.5	2356.2	2208.9	2056.6	1899.2	1706.2	1503.1	1300.0
-42.5°	2528.8	2518.7	2478.0	2406.9	2280.0	2137.8	1990.6	1812.8	1619.9	1421.8	1223.8
-45°	2518.7	2483.1	2422.2	2335.9	2203.8	2061.6	1889.0	1711.3	1528.5	1335.5	1137.5
-47.5°	2478.0	2422.2	2346.0	2244.5	2122.6	1949.9	1777.3	1604.6	1426.9	1239.0	1056.2
-50°	2427.3	2361.2	2269.8	2142.9	1980.4	1823.0	1665.6	1498.0	1315.2	1142.5	980.0
-52.5°	2371.4	2300.3	2183.5	2041.3	1863.6	1701.1	1548.8	1386.3	1218.7	1056.2	914.0
-55°	2310.5	2239.4	2107.3	1944.9	1767.1	1589.4	1442.1	1305.0	1142.5	985.1	858.2
-57.5°	2280.0	2188.6	2051.5	1889.0	1701.1	1518.3	1391.4	1244.1	1096.8	934.3	812.5
-60°	2254.6	2163.2	2036.3	1848.4	1670.6	1498.0	1350.7	1208.6	1051.1	898.8	776.9
-62.5°	2183.5	2087.0	1970.2	1787.4	1614.8	1457.4	1325.3	1157.8	1005.4	863.3	751.5
-65°	2041.3	1939.8	1838.2	1675.7	1518.3	1371.0	1239.0	1086.7	944.5	822.6	726.1
-67.5°	1817.9	1731.6	1640.2	1503.1	1371.0	1239.0	1117.1	985.1	868.3	782.0	731.2
-70°	1569.1	1477.7	1386.3	1274.6	1162.8	1056.2	959.7	863.3	787.1	741.4	700.8
-72.5°	1142.5	1101.9	1056.2	969.9	878.5	812.5	766.8	726.1	670.3	629.7	604.3
-75°	761.7	705.8	634.7	604.3	609.4	599.2	573.8	543.3	518.0	502.7	467.2
-77.5°	594.1	563.7	528.1	492.6	477.3	462.1	441.8	416.4	396.1	360.5	309.8
-80°	548.4	523.0	497.6	472.2	446.9	411.3	370.7	330.1	309.8	294.5	289.4
-82.5°	451.9	421.5	391.0	365.6	330.1	304.7	279.3	259.0	259.0	253.9	248.8
-85°	259.0	248.8	233.6	223.4	213.3	198.0	182.8	172.7	167.6	162.5	157.4
-87.5°	132.0	126.9	116.8	111.7	106.6	101.6	91.4	86.3	81.2	81.2	76.2
-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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CATALOG NUMBER: IFLD-S-SA6C-740-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°	25.4	25.4	20.3	20.3	20.3	15.2	10.2	10.2	5.1	5.1	0.0
85°	60.9	50.8	45.7	40.6	40.6	30.5	20.3	15.2	10.2	5.1	5.1
82.5°	116.8	101.6	86.3	76.2	60.9	45.7	35.5	25.4	15.2	10.2	5.1
80°	132.0	132.0	126.9	106.6	86.3	66.0	45.7	30.5	20.3	15.2	10.2
77.5°	101.6	111.7	111.7	111.7	106.6	81.2	55.9	35.5	20.3	15.2	10.2
75°	116.8	101.6	96.5	101.6	96.5	81.2	66.0	40.6	25.4	20.3	10.2
72.5°	142.2	121.9	106.6	101.6	91.4	76.2	60.9	45.7	25.4	20.3	15.2
70°	132.0	126.9	116.8	106.6	91.4	76.2	60.9	45.7	30.5	20.3	15.2
67.5°	116.8	116.8	116.8	106.6	91.4	71.1	55.9	40.6	30.5	20.3	15.2
65°	81.2	96.5	106.6	101.6	91.4	71.1	55.9	40.6	30.5	25.4	15.2
62.5°	50.8	66.0	86.3	96.5	86.3	71.1	50.8	40.6	30.5	25.4	15.2
60°	45.7	50.8	60.9	76.2	81.2	66.0	50.8	35.5	30.5	25.4	15.2
57.5°	45.7	45.7	50.8	60.9	66.0	60.9	45.7	30.5	30.5	25.4	20.3
55°	50.8	45.7	45.7	50.8	55.9	55.9	45.7	30.5	30.5	25.4	20.3
52.5°	60.9	50.8	45.7	45.7	45.7	50.8	40.6	30.5	30.5	25.4	20.3
50°	76.2	60.9	55.9	45.7	45.7	45.7	40.6	30.5	25.4	25.4	20.3
47.5°	101.6	81.2	60.9	55.9	45.7	40.6	35.5	30.5	25.4	25.4	20.3
45°	152.3	96.5	81.2	60.9	50.8	45.7	40.6	30.5	25.4	25.4	20.3
42.5°	208.2	142.2	101.6	71.1	55.9	45.7	40.6	35.5	25.4	25.4	20.3
40°	264.1	193.0	126.9	91.4	66.0	50.8	40.6	35.5	30.5	25.4	20.3
37.5°	325.0	238.7	167.6	116.8	76.2	55.9	45.7	35.5	30.5	25.4	20.3
35°	401.2	299.6	208.2	142.2	91.4	66.0	50.8	35.5	30.5	25.4	20.3
32.5°	487.5	355.5	248.8	172.7	116.8	81.2	55.9	40.6	30.5	25.4	20.3
30°	568.7	421.5	294.5	208.2	142.2	91.4	60.9	40.6	30.5	25.4	15.2
27.5°	650.0	487.5	350.4	243.7	172.7	106.6	66.0	45.7	30.5	25.4	20.3
25°	731.2	553.5	406.2	279.3	198.0	126.9	81.2	50.8	30.5	25.4	20.3
22.5°	802.3	619.5	457.0	319.9	228.5	147.3	91.4	55.9	35.5	25.4	20.3
20°	883.6	690.6	512.9	365.6	253.9	167.6	101.6	60.9	35.5	25.4	20.3
17.5°	959.7	761.7	568.7	406.2	284.4	187.9	116.8	66.0	40.6	25.4	20.3
15°	1035.9	827.7	619.5	446.9	314.8	208.2	126.9	71.1	45.7	25.4	20.3
12.5°	1107.0	888.6	665.2	482.4	340.2	228.5	137.1	76.2	50.8	25.4	20.3
10°	1173.0	944.5	710.9	512.9	365.6	243.7	147.3	86.3	55.9	25.4	20.3
7.5°	1239.0	990.2	746.5	543.3	396.1	264.1	157.4	91.4	60.9	30.5	20.3
5°	1279.6	1030.8	776.9	568.7	421.5	284.4	167.6	96.5	66.0	30.5	20.3
2.5°	1315.2	1061.3	797.2	594.1	446.9	299.6	167.6	101.6	71.1	30.5	20.3
0°	1335.5	1081.6	812.5	609.4	467.2	309.8	172.7	106.6	76.2	30.5	20.3
-2.5°	1381.2	1117.1	848.0	629.7	487.5	340.2	182.8	111.7	81.2	35.5	20.3
-5°	1411.7	1137.5	873.4	650.0	502.7	370.7	198.0	121.9	91.4	45.7	25.4
-7.5°	1437.1	1157.8	893.7	660.1	518.0	380.8	203.1	126.9	96.5	50.8	25.4
-10°	1442.1	1167.9	909.0	675.4	528.1	396.1	208.2	132.0	101.6	55.9	25.4
-12.5°	1447.2	1178.1	914.0	685.5	538.3	406.2	213.3	137.1	106.6	60.9	25.4
-15°	1442.1	1173.0	914.0	695.7	543.3	396.1	223.4	142.2	111.7	66.0	25.4
-17.5°	1432.0	1167.9	909.0	690.6	538.3	385.9	228.5	152.3	111.7	71.1	30.5
-20°	1416.7	1152.7	898.8	685.5	533.2	375.8	233.6	157.4	116.8	71.1	30.5

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CATALOG NUMBER: IFLD-S-SA6C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1391.4	1127.3	878.5	670.3	523.0	365.6	233.6	167.6	121.9	71.1	30.5
-25°	1360.9	1101.9	858.2	650.0	507.8	350.4	233.6	172.7	126.9	71.1	30.5
-27.5°	1325.3	1076.5	827.7	634.7	487.5	340.2	233.6	177.7	132.0	71.1	30.5
-30°	1284.7	1041.0	802.3	609.4	472.2	340.2	238.7	182.8	137.1	71.1	30.5
-32.5°	1244.1	1005.4	771.8	589.0	451.9	335.1	238.7	187.9	142.2	66.0	35.5
-35°	1198.4	964.8	746.5	573.8	436.7	325.0	243.7	187.9	137.1	66.0	35.5
-37.5°	1142.5	914.0	721.1	558.6	426.5	314.8	243.7	193.0	132.0	66.0	35.5
-40°	1081.6	873.4	690.6	538.3	411.3	309.8	243.7	193.0	126.9	66.0	40.6
-42.5°	1015.6	827.7	660.1	518.0	396.1	304.7	243.7	193.0	121.9	66.0	40.6
-45°	954.7	782.0	624.6	492.6	380.8	304.7	243.7	187.9	111.7	71.1	40.6
-47.5°	888.6	731.2	584.0	467.2	375.8	299.6	238.7	177.7	101.6	71.1	40.6
-50°	832.8	680.4	553.5	441.8	365.6	304.7	243.7	162.5	101.6	71.1	40.6
-52.5°	776.9	644.9	518.0	431.6	355.5	309.8	238.7	152.3	101.6	71.1	40.6
-55°	731.2	609.4	497.6	416.4	365.6	319.9	228.5	137.1	101.6	71.1	40.6
-57.5°	695.7	589.0	482.4	421.5	380.8	309.8	213.3	132.0	101.6	66.0	40.6
-60°	670.3	568.7	487.5	441.8	385.9	294.5	203.1	132.0	101.6	66.0	35.5
-62.5°	650.0	573.8	512.9	457.0	365.6	274.2	193.0	132.0	91.4	60.9	35.5
-65°	655.1	594.1	523.0	436.7	350.4	253.9	177.7	126.9	86.3	55.9	35.5
-67.5°	670.3	578.9	492.6	411.3	314.8	228.5	162.5	116.8	81.2	55.9	35.5
-70°	619.5	533.2	446.9	350.4	269.1	198.0	152.3	106.6	71.1	50.8	35.5
-72.5°	558.6	446.9	355.5	284.4	228.5	182.8	137.1	96.5	66.0	45.7	30.5
-75°	406.2	325.0	264.1	238.7	203.1	162.5	121.9	86.3	60.9	45.7	30.5
-77.5°	289.4	269.1	243.7	218.4	182.8	142.2	106.6	81.2	55.9	40.6	25.4
-80°	284.4	259.0	228.5	187.9	152.3	121.9	91.4	71.1	50.8	35.5	20.3
-82.5°	238.7	203.1	172.7	142.2	116.8	96.5	76.2	55.9	40.6	25.4	15.2
-85°	147.3	126.9	111.7	96.5	81.2	66.0	50.8	35.5	25.4	15.2	10.2
-87.5°	71.1	66.0	55.9	45.7	40.6	30.5	25.4	20.3	15.2	10.2	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-SA6C-740-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°	10.2	5.1	5.1	0.0
67.5°	10.2	5.1	5.1	0.0
65°	10.2	5.1	5.1	0.0
62.5°	10.2	5.1	5.1	0.0
60°	10.2	5.1	5.1	0.0
57.5°	10.2	5.1	5.1	0.0
55°	10.2	5.1	5.1	0.0
52.5°	10.2	5.1	5.1	0.0
50°	10.2	5.1	5.1	0.0
47.5°	10.2	10.2	5.1	0.0
45°	10.2	10.2	5.1	0.0
42.5°	10.2	10.2	5.1	0.0
40°	10.2	10.2	5.1	0.0
37.5°	10.2	10.2	5.1	0.0
35°	10.2	10.2	5.1	0.0
32.5°	15.2	10.2	5.1	0.0
30°	15.2	10.2	10.2	0.0
27.5°	15.2	10.2	10.2	0.0
25°	15.2	10.2	10.2	0.0
22.5°	15.2	10.2	10.2	0.0
20°	15.2	10.2	10.2	0.0
17.5°	15.2	10.2	10.2	0.0
15°	15.2	10.2	10.2	0.0
12.5°	15.2	10.2	10.2	0.0
10°	15.2	10.2	10.2	0.0
7.5°	15.2	10.2	10.2	0.0
5°	15.2	10.2	10.2	0.0
2.5°	15.2	10.2	10.2	0.0
0°	15.2	10.2	10.2	0.0
-2.5°	15.2	10.2	10.2	0.0
-5°	15.2	10.2	10.2	0.0
-7.5°	15.2	10.2	10.2	0.0
-10°	15.2	10.2	10.2	0.0
-12.5°	20.3	10.2	10.2	0.0
-15°	20.3	10.2	10.2	0.0
-17.5°	20.3	10.2	10.2	0.0
-20°	20.3	10.2	10.2	0.0



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CATALOG NUMBER: IFLD-S-SA6C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.3	10.2	10.2	0.0
-25°	20.3	10.2	10.2	0.0
-27.5°	20.3	10.2	10.2	0.0
-30°	20.3	10.2	10.2	0.0
-32.5°	20.3	10.2	10.2	0.0
-35°	20.3	10.2	10.2	0.0
-37.5°	20.3	10.2	10.2	0.0
-40°	20.3	10.2	10.2	0.0
-42.5°	15.2	10.2	5.1	0.0
-45°	20.3	10.2	5.1	0.0
-47.5°	20.3	10.2	5.1	0.0
-50°	20.3	10.2	5.1	0.0
-52.5°	20.3	10.2	5.1	0.0
-55°	20.3	10.2	5.1	0.0
-57.5°	20.3	10.2	5.1	0.0
-60°	20.3	10.2	5.1	0.0
-62.5°	20.3	10.2	5.1	0.0
-65°	20.3	10.2	5.1	0.0
-67.5°	20.3	10.2	5.1	0.0
-70°	20.3	5.1	5.1	0.0
-72.5°	15.2	5.1	5.1	0.0
-75°	15.2	5.1	5.1	0.0
-77.5°	10.2	5.1	0.0	0.0
-80°	10.2	5.1	0.0	0.0
-82.5°	10.2	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)