

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: P723730

Luminaire Tested: **IFLD-S-SA6A-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723730
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-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:	14288.2 lumens	Max Intensity:	336150.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.4 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:	5181.5 lumens	Field Lumens:	8260.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

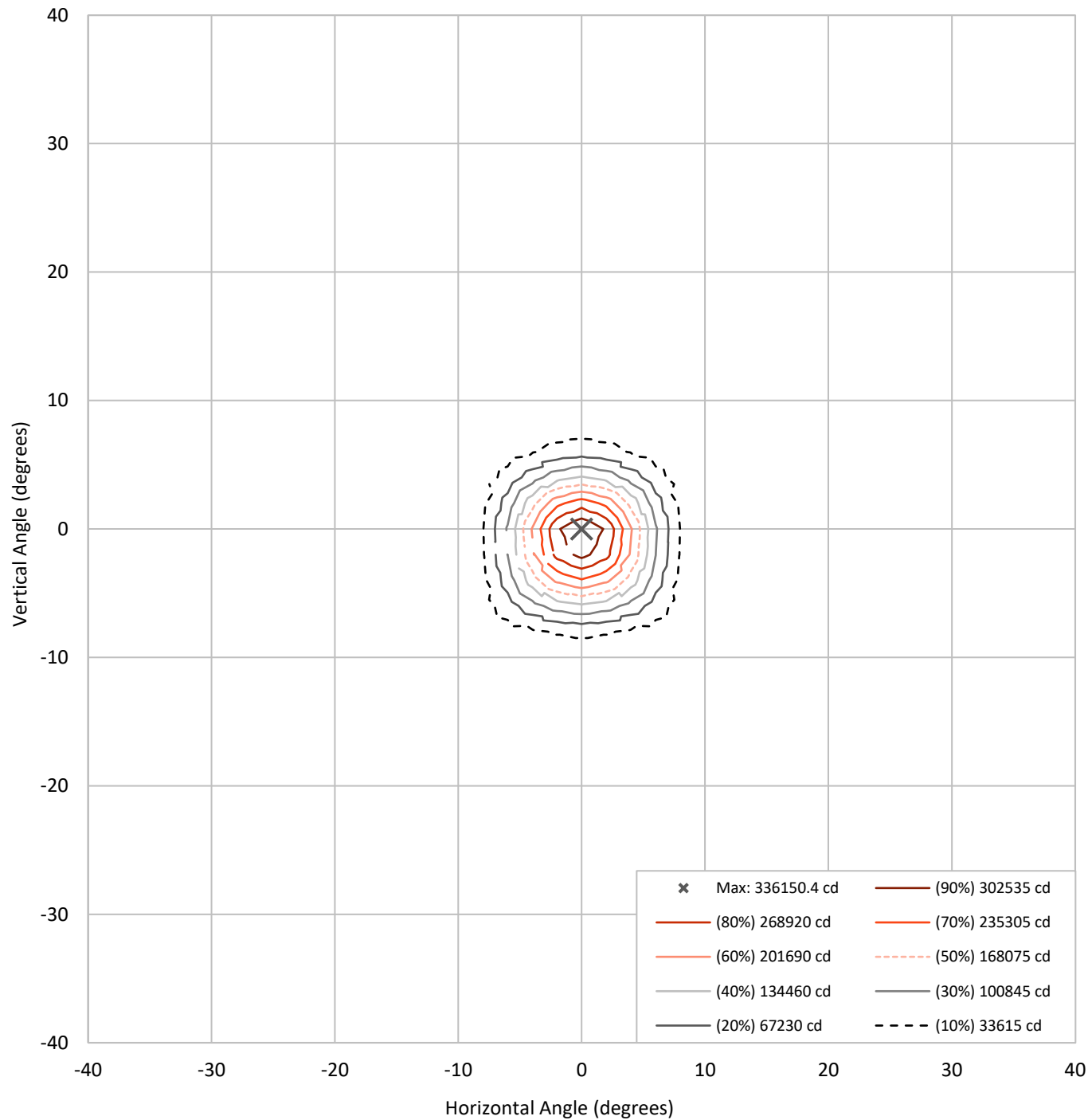
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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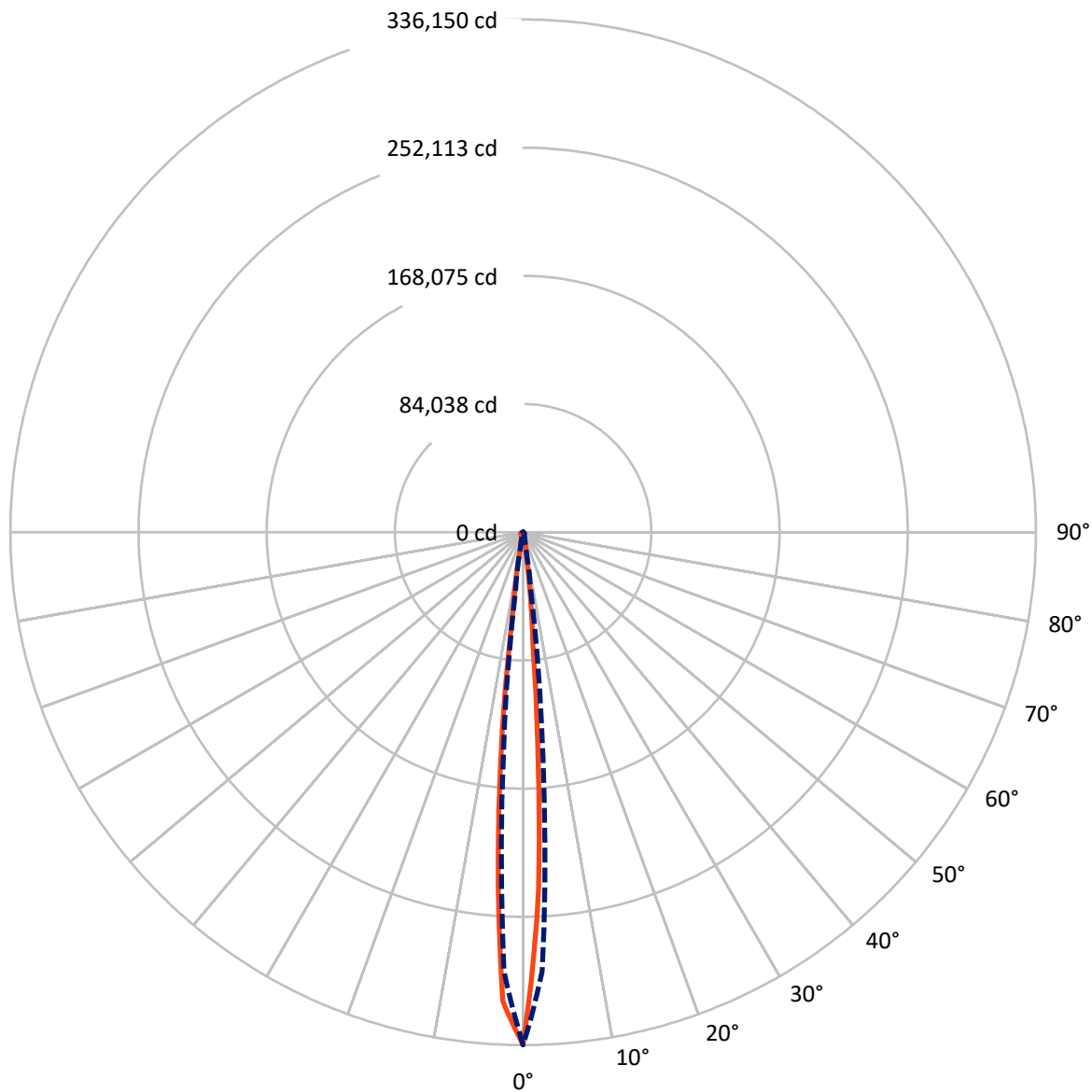
Lumen Table

90																			
80	0.2	3.2		3.5		1.3		0.4		1.3		3.5		3.2		0.2			
70	0.4	0.7	0.9	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	0.9	0.7	0.4			
60		0.5	0.6	1.7	3.7	6.0	7.7	8.9	8.9	7.7	6.0	3.7	1.7	0.6	0.5				
50	0.4	0.5	2.0	6.5	12.8	18.7	22.6	25.0	25.0	22.6	18.7	12.8	6.5	2.0	0.5	0.4			
40		1.0	5.0	13.4	21.7	25.5	27.6	28.5	28.5	27.6	25.5	21.7	13.4	5.0	1.0				
30	0.6	1.9	8.5	19.5	25.2	25.9	30.6	36.8	36.8	30.6	25.9	25.2	19.5	8.5	1.9	0.6			
20		2.9	11.9	23.9	26.8	30.3	53.2	90.7	90.7	53.2	30.3	26.8	23.9	11.9	2.9				
10	1.0	3.8	14.6	26.3	27.8	37.4	101.2	1875.7	1875.7	101.2	37.4	27.8	26.3	14.6	3.8	1.0			
0		4.4	16.0	27.6	28.9	38.6	109.0	2734.9	2734.9	109.0	38.6	28.9	27.6	16.0	4.4				
-10	1.4	4.7	16.4	29.0	31.2	34.9	63.4	121.7	121.7	63.4	34.9	31.2	29.0	16.4	4.7	1.4			
-20		4.4	15.5	29.4	35.1	35.1	41.0	50.1	50.1	41.0	35.1	35.1	29.4	15.5	4.4				
-30	1.5	3.9	13.7	28.1	38.6	42.0	43.8	44.1	44.1	43.8	42.0	38.6	28.1	13.7	3.9	1.5			
-40		3.5	11.1	23.9	37.2	45.2	50.7	53.1	53.1	50.7	45.2	37.2	23.9	11.1	3.5				
-50	1.2	3.1	8.5	18.5	31.7	42.6	49.5	52.4	52.4	49.5	42.6	31.7	18.5	8.5	3.1	1.2			
-60		2.9	7.5	15.1	26.5	37.2	45.1	48.7	48.7	45.1	37.2	26.5	15.1	7.5	2.9				
-70	0.5	8.8		26.3		48.8		53.8		48.8		26.3		8.8		0.5			
-80		8.8		26.3		48.8		53.8		48.8		26.3		8.8					
-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



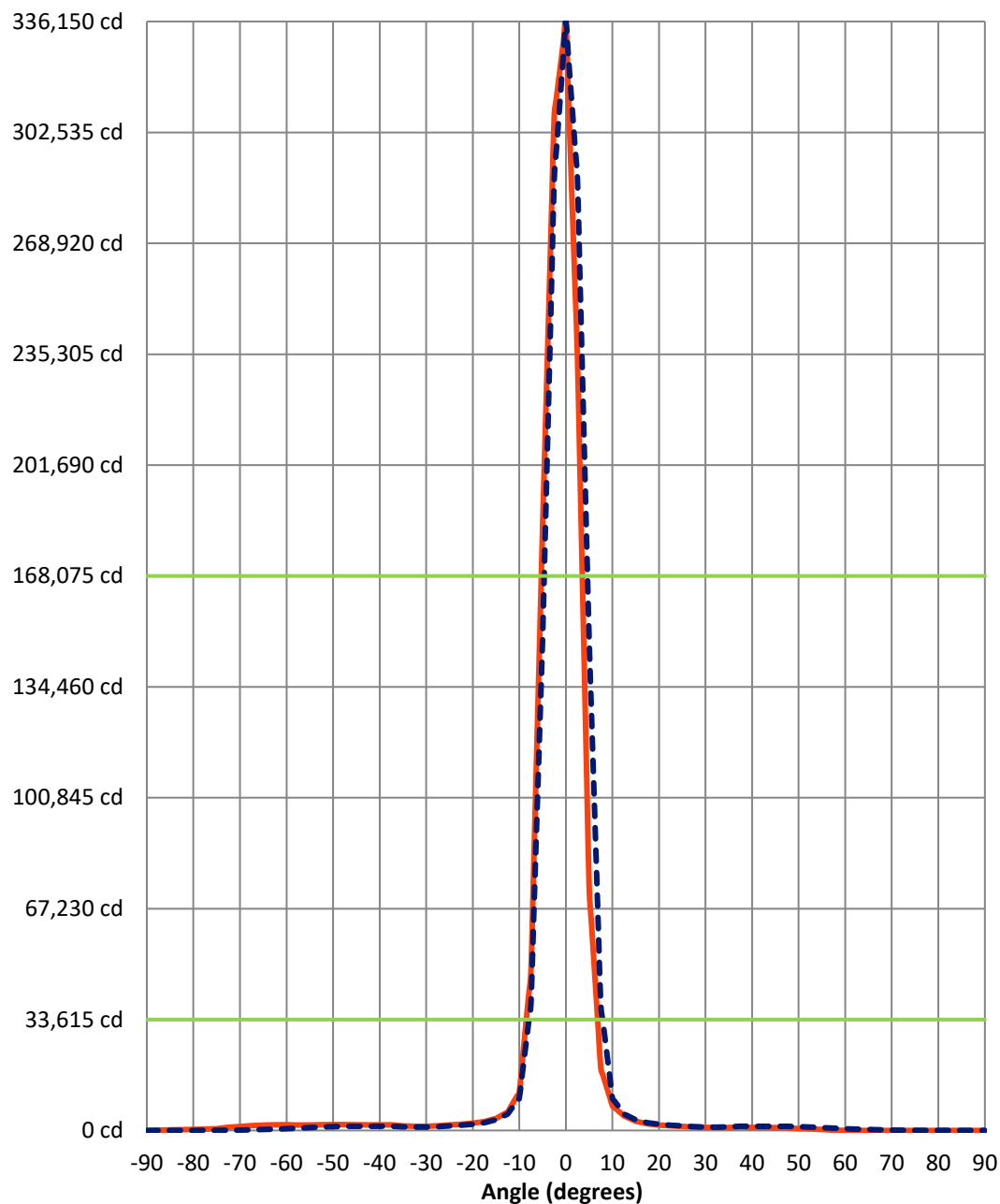
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5181.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8260.3

Efficiency: 57.8%

Spill:

Lumens: 6027.9

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	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	6.6	6.6	6.6	9.9	13.2	16.5	16.5	19.8
82.5°	0.0	3.3	3.3	6.6	6.6	9.9	9.9	16.5	19.8	23.1	29.7
80°	3.3	3.3	3.3	6.6	6.6	9.9	9.9	13.2	16.5	23.1	26.4
77.5°	0.0	3.3	3.3	3.3	6.6	6.6	6.6	9.9	13.2	16.5	19.8
75°	0.0	3.3	3.3	3.3	6.6	6.6	6.6	6.6	9.9	9.9	13.2
72.5°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	6.6	9.9	9.9	9.9
70°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	6.6	9.9	9.9	9.9
67.5°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	6.6	9.9	9.9	9.9
65°	0.0	0.0	0.0	3.3	3.3	6.6	6.6	9.9	9.9	9.9	9.9
62.5°	3.3	3.3	3.3	6.6	9.9	9.9	13.2	16.5	16.5	16.5	16.5
60°	33.0	36.3	39.6	39.6	36.3	36.3	39.6	39.6	39.6	39.6	39.6
57.5°	89.1	95.7	99.0	99.0	99.0	95.7	108.8	112.1	99.0	92.4	102.2
55°	310.0	319.9	313.3	303.5	283.7	260.6	254.0	250.7	254.0	237.5	211.1
52.5°	451.9	461.8	458.5	451.9	438.7	422.2	409.0	395.8	382.6	356.2	326.5
50°	587.1	590.4	587.1	580.5	567.3	550.8	524.4	494.8	468.4	461.8	435.4
47.5°	738.8	748.7	748.7	745.4	735.5	705.9	666.3	623.4	603.6	597.0	570.6
45°	874.1	880.7	884.0	887.3	884.0	854.3	818.0	794.9	752.0	738.8	738.8
42.5°	910.4	913.6	916.9	920.2	930.1	907.1	877.4	837.8	827.9	824.6	818.0
40°	923.5	916.9	920.2	923.5	926.8	910.4	887.3	864.2	857.6	851.0	851.0
37.5°	1048.9	1019.2	996.1	976.3	959.8	943.3	920.2	900.5	884.0	870.8	884.0
35°	893.9	893.9	916.9	936.7	956.5	976.3	979.6	956.5	920.2	903.8	926.8
32.5°	913.6	913.6	913.6	920.2	926.8	943.3	959.8	969.7	996.1	966.4	966.4
30°	933.4	936.7	943.3	946.6	936.7	930.1	923.5	923.5	940.0	982.9	1006.0
27.5°	1048.9	1048.9	1039.0	1025.8	996.1	949.9	926.8	893.9	897.2	916.9	973.0
25°	1236.9	1230.3	1207.2	1174.2	1121.4	1055.5	992.8	923.5	893.9	884.0	907.1
22.5°	1415.0	1405.1	1375.4	1345.7	1302.9	1236.9	1131.3	1025.8	933.4	893.9	884.0
20°	1642.6	1619.5	1586.5	1540.3	1471.1	1405.1	1312.8	1174.2	1039.0	936.7	897.2
17.5°	2008.7	1979.0	1916.4	1833.9	1715.2	1612.9	1481.0	1349.0	1197.3	1032.4	943.3
15°	2810.2	2734.4	2625.5	2397.9	2163.7	1969.1	1771.2	1550.2	1395.2	1177.5	1042.3
12.5°	4419.8	4212.0	3895.4	3364.3	2839.9	2388.0	2068.1	1784.4	1533.7	1332.5	1141.2
10°	7480.7	7035.4	6161.4	4710.1	3743.7	2912.5	2338.5	1959.2	1642.6	1434.8	1223.7
7.5°	18919.5	15433.1	10920.9	7457.6	4898.1	3558.9	2675.0	2124.2	1758.0	1500.8	1289.7
5°	73738.4	60742.8	32403.2	13523.3	7368.6	4304.4	2978.4	2256.1	1833.9	1550.2	1339.1
2.5°	234022.9	202094.6	106029.5	29111.4	9047.4	4848.6	3186.2	2338.5	1876.8	1586.5	1375.4
0°	336150.4	288093.1	148806.1	38287.5	9812.7	4987.1	3252.2	2355.0	1883.4	1593.1	1375.4
-2.5°	307520.5	269140.6	143746.4	35629.0	10027.1	5026.7	3305.0	2411.1	1932.8	1622.8	1385.3
-5°	182726.6	160277.8	100273.8	25404.1	8908.9	4667.2	3166.4	2361.6	1899.9	1606.3	1378.7
-7.5°	48143.1	41678.2	27416.1	13256.2	5765.6	3948.2	2909.2	2279.2	1857.0	1576.6	1352.3
-10°	11607.0	11000.1	9825.9	6022.8	4489.1	3298.4	2579.3	2130.7	1771.2	1537.0	1309.5
-12.5°	5597.3	5465.4	4960.8	4090.0	3331.4	2740.9	2335.2	1975.7	1692.1	1467.8	1250.1
-15°	3641.4	3565.5	3394.0	3060.9	2675.0	2391.3	2107.7	1817.4	1593.1	1365.5	1200.6
-17.5°	2694.8	2691.5	2605.7	2480.4	2289.1	2078.0	1870.2	1685.5	1467.8	1273.2	1147.8
-20°	2233.0	2233.0	2183.5	2101.1	1965.8	1827.3	1688.8	1517.3	1339.1	1194.0	1141.2

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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°	1896.6	1899.9	1873.5	1820.7	1748.1	1632.7	1497.5	1358.9	1230.3	1177.5	1161.0
-25°	1678.9	1672.3	1642.6	1593.1	1517.3	1424.9	1335.8	1243.5	1207.2	1194.0	1217.1
-27.5°	1421.6	1431.5	1418.3	1395.2	1345.7	1279.8	1260.0	1233.6	1240.2	1260.0	1349.0
-30°	1269.9	1279.8	1293.0	1302.9	1286.4	1269.9	1276.5	1296.3	1339.1	1415.0	1448.0
-32.5°	1269.9	1273.2	1293.0	1312.8	1322.6	1335.8	1372.1	1438.1	1500.8	1481.0	1474.4
-35°	1385.3	1375.4	1401.8	1428.2	1464.5	1510.7	1550.2	1537.0	1514.0	1507.4	1514.0
-37.5°	1715.2	1652.5	1626.1	1609.6	1599.7	1593.1	1583.2	1573.3	1563.4	1556.8	1566.7
-40°	1711.9	1695.4	1678.9	1665.7	1655.8	1642.6	1636.0	1632.7	1622.8	1616.2	1609.6
-42.5°	1705.3	1711.9	1711.9	1708.6	1711.9	1708.6	1698.7	1685.5	1669.0	1655.8	1642.6
-45°	1754.7	1758.0	1764.6	1771.2	1781.1	1767.9	1748.1	1725.0	1702.0	1682.2	1665.7
-47.5°	1784.4	1787.7	1794.3	1804.2	1810.8	1797.6	1771.2	1741.5	1705.3	1672.3	1639.3
-50°	1794.3	1804.2	1807.5	1807.5	1804.2	1787.7	1748.1	1705.3	1665.7	1632.7	1603.0
-52.5°	1748.1	1758.0	1761.3	1754.7	1751.4	1734.9	1698.7	1659.1	1616.2	1593.1	1566.7
-55°	1672.3	1685.5	1695.4	1695.4	1695.4	1692.1	1659.1	1622.8	1589.8	1563.4	1537.0
-57.5°	1642.6	1665.7	1685.5	1688.8	1692.1	1695.4	1672.3	1636.0	1596.4	1556.8	1523.8
-60°	1751.4	1771.2	1781.1	1767.9	1758.0	1748.1	1711.9	1669.0	1629.4	1589.8	1527.1
-62.5°	1721.8	1754.7	1771.2	1761.3	1748.1	1731.6	1692.1	1642.6	1596.4	1553.5	1490.9
-65°	1626.1	1655.8	1675.6	1659.1	1639.3	1616.2	1579.9	1533.7	1490.9	1448.0	1391.9
-67.5°	1464.5	1507.4	1540.3	1504.1	1477.7	1448.0	1418.3	1378.7	1335.8	1286.4	1233.6
-70°	1210.5	1243.5	1273.2	1263.3	1256.7	1250.1	1230.3	1190.7	1154.4	1114.9	1068.7
-72.5°	973.0	1002.7	1029.1	1012.6	999.4	979.6	949.9	907.1	864.2	821.3	778.4
-75°	537.6	547.5	557.4	554.1	554.1	554.1	554.1	557.4	550.8	540.9	521.1
-77.5°	412.3	425.5	435.4	442.0	451.9	465.1	475.0	458.5	442.0	425.5	405.7
-80°	323.2	336.4	346.3	382.6	409.0	438.7	458.5	435.4	412.3	392.5	376.0
-82.5°	244.1	254.0	263.9	283.7	296.9	313.3	326.5	326.5	323.2	319.9	310.0
-85°	178.1	191.3	204.5	211.1	221.0	221.0	224.3	211.1	197.9	188.0	174.8
-87.5°	102.2	105.5	105.5	105.5	108.8	108.8	108.8	102.2	99.0	92.4	89.1
-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°	3.3	3.3	3.3	6.6	6.6	9.9	9.9	13.2	13.2	16.5	16.5
85°	19.8	19.8	19.8	23.1	23.1	26.4	29.7	33.0	36.3	36.3	39.6
82.5°	33.0	36.3	39.6	42.9	46.2	49.5	52.8	56.1	66.0	72.6	75.9
80°	33.0	36.3	46.2	52.8	59.4	66.0	66.0	66.0	66.0	69.3	75.9
77.5°	23.1	26.4	29.7	36.3	52.8	66.0	75.9	82.5	75.9	72.6	66.0
75°	13.2	16.5	19.8	23.1	33.0	46.2	62.7	79.2	92.4	89.1	82.5
72.5°	13.2	13.2	16.5	19.8	23.1	26.4	29.7	46.2	66.0	82.5	92.4
70°	13.2	16.5	16.5	19.8	23.1	26.4	29.7	36.3	46.2	66.0	85.8
67.5°	13.2	16.5	16.5	23.1	29.7	33.0	36.3	33.0	29.7	42.9	62.7
65°	13.2	13.2	16.5	19.8	23.1	26.4	36.3	36.3	33.0	33.0	33.0
62.5°	19.8	19.8	19.8	19.8	23.1	23.1	23.1	29.7	29.7	29.7	29.7
60°	39.6	36.3	36.3	36.3	36.3	29.7	29.7	29.7	26.4	29.7	26.4
57.5°	95.7	79.2	72.6	72.6	62.7	59.4	49.5	36.3	36.3	29.7	29.7
55°	194.6	184.7	155.0	128.6	115.4	102.2	79.2	66.0	49.5	39.6	36.3
52.5°	300.2	273.8	247.4	214.4	181.4	155.0	131.9	102.2	82.5	59.4	46.2
50°	392.5	369.4	339.7	303.5	260.6	227.6	194.6	155.0	122.0	92.4	66.0
47.5°	534.3	488.2	451.9	409.0	359.5	313.3	270.5	224.3	171.5	135.2	102.2
45°	686.1	620.1	570.6	531.0	465.1	402.4	352.9	303.5	240.8	178.1	138.5
42.5°	791.6	742.1	676.2	623.4	564.0	498.1	432.1	379.3	313.3	240.8	178.1
40°	847.7	814.7	761.9	715.7	653.1	580.5	511.2	458.5	389.2	310.0	224.3
37.5°	890.6	874.1	847.7	811.4	752.0	666.3	597.0	534.3	475.0	382.6	290.3
35°	940.0	936.7	920.2	903.8	854.3	771.8	689.4	616.8	544.2	458.5	356.2
32.5°	986.2	982.9	973.0	966.4	946.6	874.1	785.0	702.6	620.1	531.0	418.9
30°	1009.3	1002.7	1002.7	1009.3	989.5	943.3	877.4	788.3	696.0	590.4	484.9
27.5°	1009.3	1002.7	1006.0	1015.9	1012.6	989.5	940.0	867.5	765.2	646.5	544.2
25°	966.4	999.4	999.4	1012.6	1015.9	1009.3	982.9	936.7	831.2	705.9	590.4
22.5°	907.1	986.2	1015.9	1012.6	1015.9	1032.4	1035.7	992.8	893.9	765.2	636.6
20°	907.1	963.1	1048.9	1025.8	1032.4	1068.7	1085.2	1048.9	959.8	821.3	682.8
17.5°	926.8	963.1	1035.7	1072.0	1081.9	1111.6	1137.9	1114.9	1019.2	880.7	745.4
15°	982.9	976.3	1025.8	1114.9	1131.3	1154.4	1184.1	1157.7	1072.0	946.6	804.8
12.5°	1022.5	986.2	1025.8	1121.4	1174.2	1197.3	1207.2	1187.4	1118.1	1006.0	864.2
10°	1075.3	1012.6	1032.4	1114.9	1190.7	1207.2	1217.1	1210.5	1161.0	1055.5	916.9
7.5°	1114.9	1025.8	1025.8	1105.0	1207.2	1220.4	1227.0	1233.6	1197.3	1098.4	963.1
5°	1131.3	1025.8	1019.2	1095.1	1223.7	1236.9	1236.9	1246.8	1223.7	1131.3	996.1
2.5°	1134.6	1022.5	1012.6	1088.5	1253.4	1253.4	1246.8	1256.7	1243.5	1151.1	1019.2
0°	1151.1	1019.2	1009.3	1098.4	1286.4	1273.2	1256.7	1260.0	1253.4	1161.0	1032.4
-2.5°	1151.1	1035.7	1022.5	1105.0	1283.1	1279.8	1273.2	1276.5	1269.9	1190.7	1058.8
-5°	1167.6	1058.8	1045.6	1134.6	1279.8	1289.7	1293.0	1293.0	1283.1	1210.5	1075.3
-7.5°	1170.9	1075.3	1072.0	1164.3	1286.4	1302.9	1312.8	1319.3	1299.6	1223.7	1088.5
-10°	1154.4	1081.9	1098.4	1200.6	1293.0	1316.1	1335.8	1345.7	1312.8	1230.3	1095.1
-12.5°	1118.1	1081.9	1124.7	1246.8	1309.5	1335.8	1365.5	1368.8	1325.9	1233.6	1098.4
-15°	1114.9	1108.3	1170.9	1293.0	1319.3	1352.3	1398.5	1388.6	1335.8	1233.6	1098.4
-17.5°	1111.6	1144.5	1240.2	1309.5	1335.8	1372.1	1408.4	1398.5	1342.4	1233.6	1091.8
-20°	1141.2	1203.9	1322.6	1325.9	1355.6	1395.2	1415.0	1395.2	1332.5	1223.7	1081.9

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CATALOG NUMBER: IFLD-S-SA6A-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°	1190.7	1309.5	1349.0	1362.2	1388.6	1418.3	1428.2	1398.5	1322.6	1207.2	1065.4
-25°	1316.1	1375.4	1375.4	1405.1	1431.5	1444.7	1434.8	1401.8	1309.5	1190.7	1048.9
-27.5°	1411.7	1408.4	1424.9	1454.6	1477.7	1477.7	1451.3	1385.3	1289.7	1174.2	1025.8
-30°	1448.0	1451.3	1474.4	1507.4	1514.0	1497.5	1457.9	1372.1	1273.2	1147.8	996.1
-32.5°	1484.3	1497.5	1527.1	1543.6	1546.9	1514.0	1441.4	1349.0	1246.8	1118.1	963.1
-35°	1527.1	1553.5	1570.0	1573.3	1556.8	1500.8	1418.3	1319.3	1207.2	1075.3	933.4
-37.5°	1583.2	1596.4	1606.3	1593.1	1546.9	1481.0	1378.7	1279.8	1170.9	1029.1	890.6
-40°	1619.5	1626.1	1629.4	1586.5	1530.4	1434.8	1335.8	1233.6	1108.3	976.3	844.4
-42.5°	1642.6	1636.0	1609.6	1563.4	1481.0	1388.6	1293.0	1177.5	1052.2	923.5	794.9
-45°	1636.0	1612.9	1573.3	1517.3	1431.5	1339.1	1227.0	1111.6	992.8	867.5	738.8
-47.5°	1609.6	1573.3	1523.8	1457.9	1378.7	1266.6	1154.4	1042.3	926.8	804.8	686.1
-50°	1576.6	1533.7	1474.4	1391.9	1286.4	1184.1	1081.9	973.0	854.3	742.1	636.6
-52.5°	1540.3	1494.2	1418.3	1325.9	1210.5	1105.0	1006.0	900.5	791.6	686.1	593.7
-55°	1500.8	1454.6	1368.8	1263.3	1147.8	1032.4	936.7	847.7	742.1	639.9	557.4
-57.5°	1481.0	1421.6	1332.5	1227.0	1105.0	986.2	903.8	808.1	712.4	606.9	527.7
-60°	1464.5	1405.1	1322.6	1200.6	1085.2	973.0	877.4	785.0	682.8	583.8	504.7
-62.5°	1418.3	1355.6	1279.8	1161.0	1048.9	946.6	860.9	752.0	653.1	560.7	488.2
-65°	1325.9	1260.0	1194.0	1088.5	986.2	890.6	804.8	705.9	613.5	534.3	471.7
-67.5°	1180.8	1124.7	1065.4	976.3	890.6	804.8	725.6	639.9	564.0	507.9	475.0
-70°	1019.2	959.8	900.5	827.9	755.3	686.1	623.4	560.7	511.2	481.6	455.2
-72.5°	742.1	715.7	686.1	630.0	570.6	527.7	498.1	471.7	435.4	409.0	392.5
-75°	494.8	458.5	412.3	392.5	395.8	389.2	372.7	352.9	336.4	326.5	303.5
-77.5°	385.9	366.1	343.0	319.9	310.0	300.2	287.0	270.5	257.3	234.2	201.2
-80°	356.2	339.7	323.2	306.7	290.3	267.2	240.8	214.4	201.2	191.3	188.0
-82.5°	293.6	273.8	254.0	237.5	214.4	197.9	181.4	168.2	168.2	164.9	161.6
-85°	168.2	161.6	151.7	145.1	138.5	128.6	118.7	112.1	108.8	105.5	102.2
-87.5°	85.8	82.5	75.9	72.6	69.3	66.0	59.4	56.1	52.8	52.8	49.5
-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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CATALOG NUMBER: IFLD-S-SA6A-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°	16.5	16.5	13.2	13.2	13.2	9.9	6.6	6.6	3.3	3.3	0.0
85°	39.6	33.0	29.7	26.4	26.4	19.8	13.2	9.9	6.6	3.3	3.3
82.5°	75.9	66.0	56.1	49.5	39.6	29.7	23.1	16.5	9.9	6.6	3.3
80°	85.8	85.8	82.5	69.3	56.1	42.9	29.7	19.8	13.2	9.9	6.6
77.5°	66.0	72.6	72.6	72.6	69.3	52.8	36.3	23.1	13.2	9.9	6.6
75°	75.9	66.0	62.7	66.0	62.7	52.8	42.9	26.4	16.5	13.2	6.6
72.5°	92.4	79.2	69.3	66.0	59.4	49.5	39.6	29.7	16.5	13.2	9.9
70°	85.8	82.5	75.9	69.3	59.4	49.5	39.6	29.7	19.8	13.2	9.9
67.5°	75.9	75.9	75.9	69.3	59.4	46.2	36.3	26.4	19.8	13.2	9.9
65°	52.8	62.7	69.3	66.0	59.4	46.2	36.3	26.4	19.8	16.5	9.9
62.5°	33.0	42.9	56.1	62.7	56.1	46.2	33.0	26.4	19.8	16.5	9.9
60°	29.7	33.0	39.6	49.5	52.8	42.9	33.0	23.1	19.8	16.5	9.9
57.5°	29.7	29.7	33.0	39.6	42.9	39.6	29.7	19.8	19.8	16.5	13.2
55°	33.0	29.7	29.7	33.0	36.3	36.3	29.7	19.8	19.8	16.5	13.2
52.5°	39.6	33.0	29.7	29.7	29.7	33.0	26.4	19.8	19.8	16.5	13.2
50°	49.5	39.6	36.3	29.7	29.7	29.7	26.4	19.8	16.5	16.5	13.2
47.5°	66.0	52.8	39.6	36.3	29.7	26.4	23.1	19.8	16.5	16.5	13.2
45°	99.0	62.7	52.8	39.6	33.0	29.7	26.4	19.8	16.5	16.5	13.2
42.5°	135.2	92.4	66.0	46.2	36.3	29.7	26.4	23.1	16.5	16.5	13.2
40°	171.5	125.3	82.5	59.4	42.9	33.0	26.4	23.1	19.8	16.5	13.2
37.5°	211.1	155.0	108.8	75.9	49.5	36.3	29.7	23.1	19.8	16.5	13.2
35°	260.6	194.6	135.2	92.4	59.4	42.9	33.0	23.1	19.8	16.5	13.2
32.5°	316.6	230.9	161.6	112.1	75.9	52.8	36.3	26.4	19.8	16.5	13.2
30°	369.4	273.8	191.3	135.2	92.4	59.4	39.6	26.4	19.8	16.5	9.9
27.5°	422.2	316.6	227.6	158.3	112.1	69.3	42.9	29.7	19.8	16.5	13.2
25°	475.0	359.5	263.9	181.4	128.6	82.5	52.8	33.0	19.8	16.5	13.2
22.5°	521.1	402.4	296.9	207.8	148.4	95.7	59.4	36.3	23.1	16.5	13.2
20°	573.9	448.6	333.1	237.5	164.9	108.8	66.0	39.6	23.1	16.5	13.2
17.5°	623.4	494.8	369.4	263.9	184.7	122.0	75.9	42.9	26.4	16.5	13.2
15°	672.9	537.6	402.4	290.3	204.5	135.2	82.5	46.2	29.7	16.5	13.2
12.5°	719.0	577.2	432.1	313.3	221.0	148.4	89.1	49.5	33.0	16.5	13.2
10°	761.9	613.5	461.8	333.1	237.5	158.3	95.7	56.1	36.3	16.5	13.2
7.5°	804.8	643.2	484.9	352.9	257.3	171.5	102.2	59.4	39.6	19.8	13.2
5°	831.2	669.6	504.7	369.4	273.8	184.7	108.8	62.7	42.9	19.8	13.2
2.5°	854.3	689.4	517.8	385.9	290.3	194.6	108.8	66.0	46.2	19.8	13.2
0°	867.5	702.6	527.7	395.8	303.5	201.2	112.1	69.3	49.5	19.8	13.2
-2.5°	897.2	725.6	550.8	409.0	316.6	221.0	118.7	72.6	52.8	23.1	13.2
-5°	916.9	738.8	567.3	422.2	326.5	240.8	128.6	79.2	59.4	29.7	16.5
-7.5°	933.4	752.0	580.5	428.8	336.4	247.4	131.9	82.5	62.7	33.0	16.5
-10°	936.7	758.6	590.4	438.7	343.0	257.3	135.2	85.8	66.0	36.3	16.5
-12.5°	940.0	765.2	593.7	445.3	349.6	263.9	138.5	89.1	69.3	39.6	16.5
-15°	936.7	761.9	593.7	451.9	352.9	257.3	145.1	92.4	72.6	42.9	16.5
-17.5°	930.1	758.6	590.4	448.6	349.6	250.7	148.4	99.0	72.6	46.2	19.8
-20°	920.2	748.7	583.8	445.3	346.3	244.1	151.7	102.2	75.9	46.2	19.8

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CATALOG NUMBER: IFLD-S-SA6A-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°	903.8	732.2	570.6	435.4	339.7	237.5	151.7	108.8	79.2	46.2	19.8
-25°	884.0	715.7	557.4	422.2	329.8	227.6	151.7	112.1	82.5	46.2	19.8
-27.5°	860.9	699.3	537.6	412.3	316.6	221.0	151.7	115.4	85.8	46.2	19.8
-30°	834.5	676.2	521.1	395.8	306.7	221.0	155.0	118.7	89.1	46.2	19.8
-32.5°	808.1	653.1	501.4	382.6	293.6	217.7	155.0	122.0	92.4	42.9	23.1
-35°	778.4	626.7	484.9	372.7	283.7	211.1	158.3	122.0	89.1	42.9	23.1
-37.5°	742.1	593.7	468.4	362.8	277.1	204.5	158.3	125.3	85.8	42.9	23.1
-40°	702.6	567.3	448.6	349.6	267.2	201.2	158.3	125.3	82.5	42.9	26.4
-42.5°	659.7	537.6	428.8	336.4	257.3	197.9	158.3	125.3	79.2	42.9	26.4
-45°	620.1	507.9	405.7	319.9	247.4	197.9	158.3	122.0	72.6	46.2	26.4
-47.5°	577.2	475.0	379.3	303.5	244.1	194.6	155.0	115.4	66.0	46.2	26.4
-50°	540.9	442.0	359.5	287.0	237.5	197.9	158.3	105.5	66.0	46.2	26.4
-52.5°	504.7	418.9	336.4	280.4	230.9	201.2	155.0	99.0	66.0	46.2	26.4
-55°	475.0	395.8	323.2	270.5	237.5	207.8	148.4	89.1	66.0	46.2	26.4
-57.5°	451.9	382.6	313.3	273.8	247.4	201.2	138.5	85.8	66.0	42.9	26.4
-60°	435.4	369.4	316.6	287.0	250.7	191.3	131.9	85.8	66.0	42.9	23.1
-62.5°	422.2	372.7	333.1	296.9	237.5	178.1	125.3	85.8	59.4	39.6	23.1
-65°	425.5	385.9	339.7	283.7	227.6	164.9	115.4	82.5	56.1	36.3	23.1
-67.5°	435.4	376.0	319.9	267.2	204.5	148.4	105.5	75.9	52.8	36.3	23.1
-70°	402.4	346.3	290.3	227.6	174.8	128.6	99.0	69.3	46.2	33.0	23.1
-72.5°	362.8	290.3	230.9	184.7	148.4	118.7	89.1	62.7	42.9	29.7	19.8
-75°	263.9	211.1	171.5	155.0	131.9	105.5	79.2	56.1	39.6	29.7	19.8
-77.5°	188.0	174.8	158.3	141.8	118.7	92.4	69.3	52.8	36.3	26.4	16.5
-80°	184.7	168.2	148.4	122.0	99.0	79.2	59.4	46.2	33.0	23.1	13.2
-82.5°	155.0	131.9	112.1	92.4	75.9	62.7	49.5	36.3	26.4	16.5	9.9
-85°	95.7	82.5	72.6	62.7	52.8	42.9	33.0	23.1	16.5	9.9	6.6
-87.5°	46.2	42.9	36.3	29.7	26.4	19.8	16.5	13.2	9.9	6.6	3.3
-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-S-SA6A-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°	3.3	0.0	0.0	0.0
80°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	6.6	3.3	3.3	0.0
67.5°	6.6	3.3	3.3	0.0
65°	6.6	3.3	3.3	0.0
62.5°	6.6	3.3	3.3	0.0
60°	6.6	3.3	3.3	0.0
57.5°	6.6	3.3	3.3	0.0
55°	6.6	3.3	3.3	0.0
52.5°	6.6	3.3	3.3	0.0
50°	6.6	3.3	3.3	0.0
47.5°	6.6	6.6	3.3	0.0
45°	6.6	6.6	3.3	0.0
42.5°	6.6	6.6	3.3	0.0
40°	6.6	6.6	3.3	0.0
37.5°	6.6	6.6	3.3	0.0
35°	6.6	6.6	3.3	0.0
32.5°	9.9	6.6	3.3	0.0
30°	9.9	6.6	6.6	0.0
27.5°	9.9	6.6	6.6	0.0
25°	9.9	6.6	6.6	0.0
22.5°	9.9	6.6	6.6	0.0
20°	9.9	6.6	6.6	0.0
17.5°	9.9	6.6	6.6	0.0
15°	9.9	6.6	6.6	0.0
12.5°	9.9	6.6	6.6	0.0
10°	9.9	6.6	6.6	0.0
7.5°	9.9	6.6	6.6	0.0
5°	9.9	6.6	6.6	0.0
2.5°	9.9	6.6	6.6	0.0
0°	9.9	6.6	6.6	0.0
-2.5°	9.9	6.6	6.6	0.0
-5°	9.9	6.6	6.6	0.0
-7.5°	9.9	6.6	6.6	0.0
-10°	9.9	6.6	6.6	0.0
-12.5°	13.2	6.6	6.6	0.0
-15°	13.2	6.6	6.6	0.0
-17.5°	13.2	6.6	6.6	0.0
-20°	13.2	6.6	6.6	0.0

REPORT NUMBER: P723730

CATALOG NUMBER: IFLD-S-SA6A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.2	6.6	6.6	0.0
-25°	13.2	6.6	6.6	0.0
-27.5°	13.2	6.6	6.6	0.0
-30°	13.2	6.6	6.6	0.0
-32.5°	13.2	6.6	6.6	0.0
-35°	13.2	6.6	6.6	0.0
-37.5°	13.2	6.6	6.6	0.0
-40°	13.2	6.6	6.6	0.0
-42.5°	9.9	6.6	3.3	0.0
-45°	13.2	6.6	3.3	0.0
-47.5°	13.2	6.6	3.3	0.0
-50°	13.2	6.6	3.3	0.0
-52.5°	13.2	6.6	3.3	0.0
-55°	13.2	6.6	3.3	0.0
-57.5°	13.2	6.6	3.3	0.0
-60°	13.2	6.6	3.3	0.0
-62.5°	13.2	6.6	3.3	0.0
-65°	13.2	6.6	3.3	0.0
-67.5°	13.2	6.6	3.3	0.0
-70°	13.2	3.3	3.3	0.0
-72.5°	9.9	3.3	3.3	0.0
-75°	9.9	3.3	3.3	0.0
-77.5°	6.6	3.3	0.0	0.0
-80°	6.6	3.3	0.0	0.0
-82.5°	6.6	3.3	0.0	0.0
-85°	3.3	0.0	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)