

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: P723668

Luminaire Tested: **IFLD-S-SA3B-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723668
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8202.7 lumens	Max Intensity:	192980.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	2974.6 lumens	Field Lumens:	4742.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

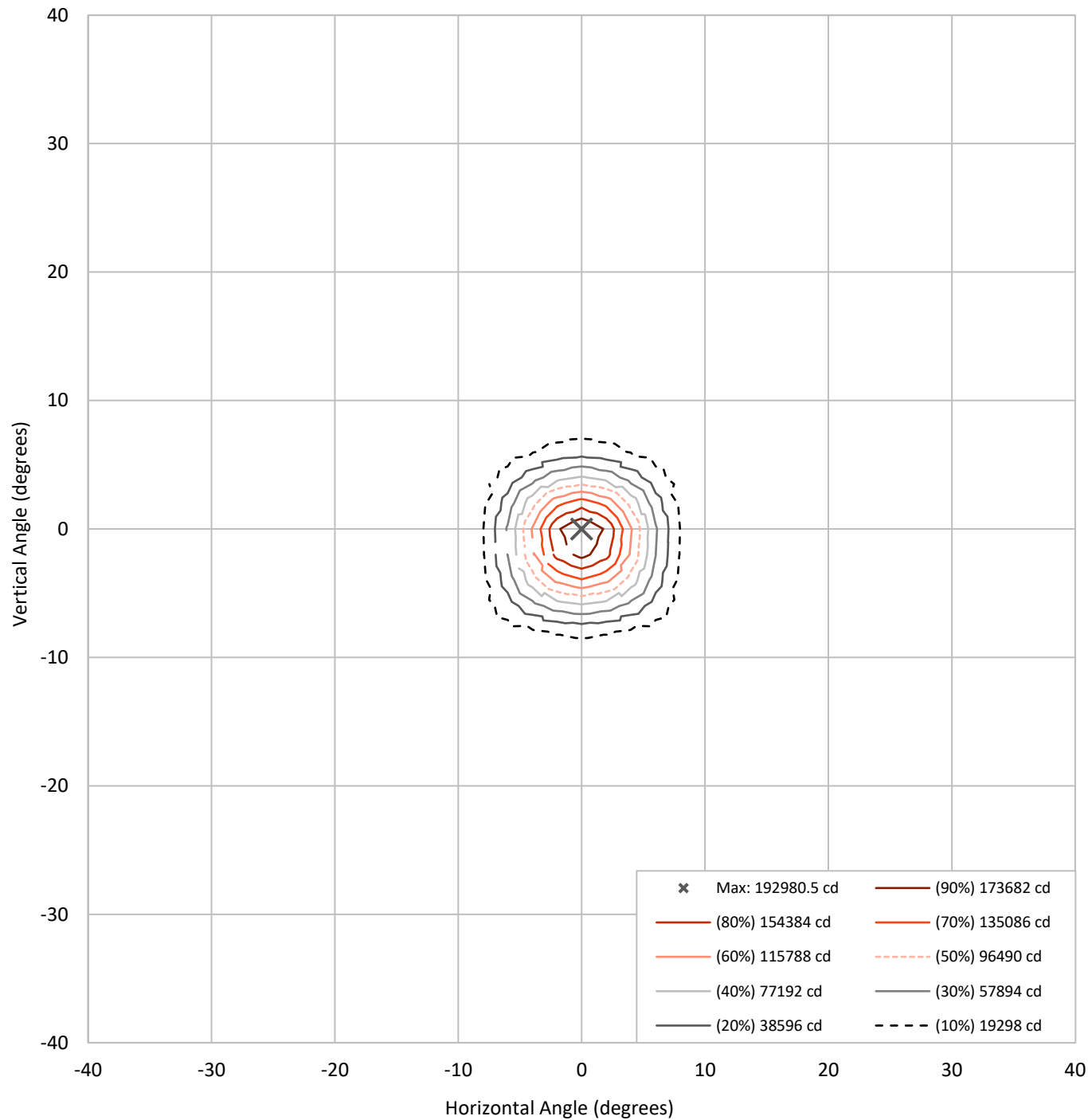
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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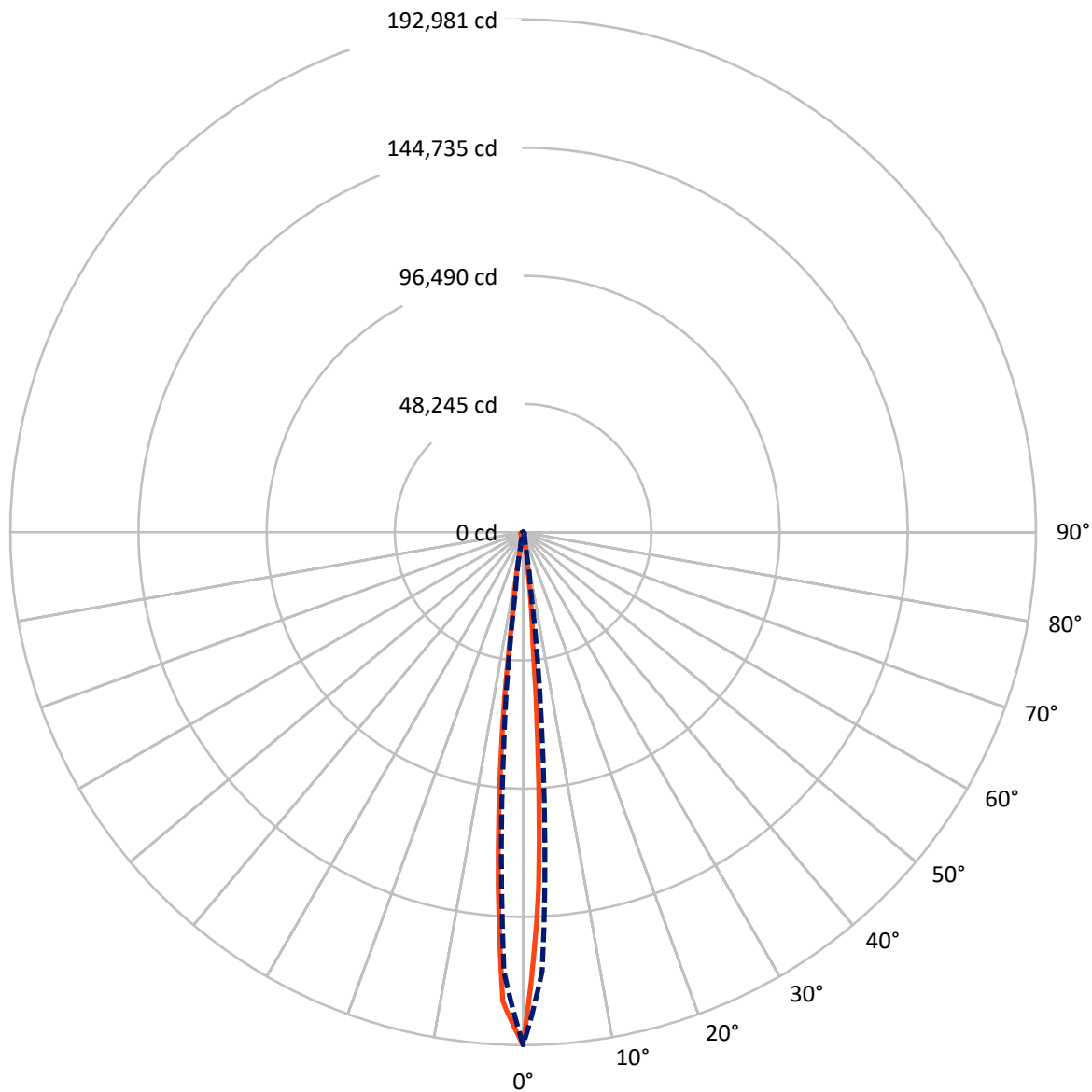
Lumen Table

90																	
80	0.1	1.8		2.0		0.8		0.2		0.8		2.0		1.8		0.1	
70	0.2	0.4	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.4	0.2	
60		0.3	0.4	1.0	2.1	3.5	4.4	5.1	5.1	4.4	3.5	2.1	1.0	0.4	0.3		
50	0.2	0.3	1.1	3.7	7.4	10.8	12.9	14.3	14.3	12.9	10.8	7.4	3.7	1.1	0.3	0.2	
40		0.6	2.8	7.7	12.5	14.6	15.8	16.4	16.4	15.8	14.6	12.5	7.7	2.8	0.6		
30	0.3	1.1	4.9	11.2	14.5	14.9	17.6	21.1	21.1	17.6	14.9	14.5	11.2	4.9	1.1	0.3	
20		1.7	6.8	13.7	15.4	17.4	30.6	52.1	52.1	30.6	17.4	15.4	13.7	6.8	1.7		
10	0.5	2.2	8.4	15.1	16.0	21.5	58.1	1076.8	1076.8	58.1	21.5	16.0	15.1	8.4	2.2	0.5	
0		2.5	9.2	15.8	16.6	22.2	62.6	1570.1	1570.1	62.6	22.2	16.6	15.8	9.2	2.5		
-10	0.8	2.7	9.4	16.7	17.9	20.0	36.4	69.8	69.8	36.4	20.0	17.9	16.7	9.4	2.7	0.8	
-20		2.5	8.9	16.9	20.1	20.2	23.6	28.8	28.8	23.6	20.2	20.1	16.9	8.9	2.5		
-30	0.9	2.3	7.9	16.1	22.1	24.1	25.1	25.3	25.3	25.1	24.1	22.1	16.1	7.9	2.3	0.9	
-40		2.0	6.4	13.7	21.4	26.0	29.1	30.5	30.5	29.1	26.0	21.4	13.7	6.4	2.0		
-50	0.7	1.8	4.9	10.6	18.2	24.5	28.4	30.1	30.1	28.4	24.5	18.2	10.6	4.9	1.8	0.7	
-60		1.7	4.3	8.7	15.2	21.4	25.9	28.0	28.0	25.9	21.4	15.2	8.7	4.3	1.7		
-70	0.3	5.1		15.1		28.0		30.9		28.0		15.1		5.1		0.3	
-80		5.1		15.1		28.0		30.9		28.0		15.1		5.1			
-90																	
	Horizontal Angle (degrees)																

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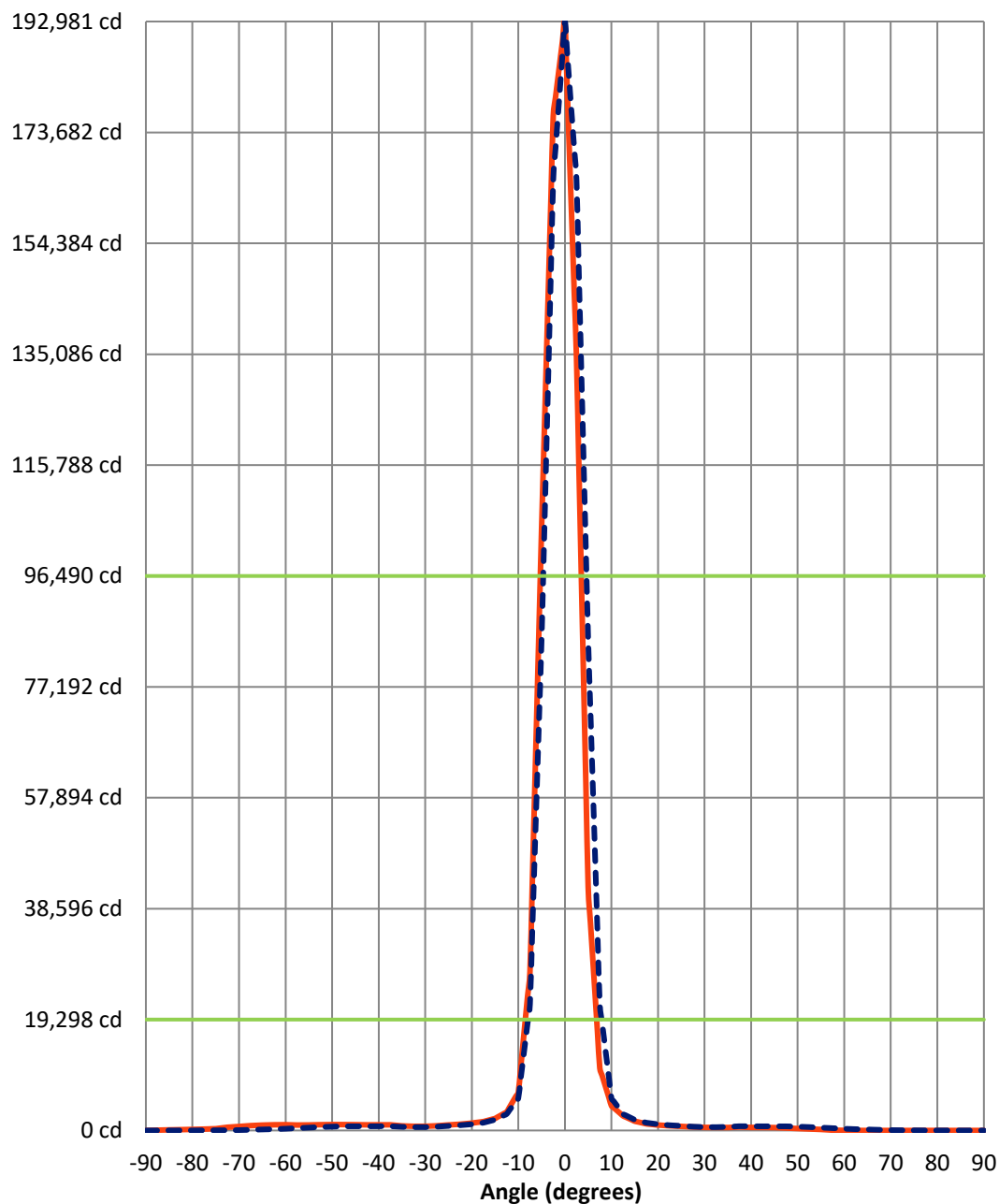
Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2974.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4742.1

Efficiency: 57.8%

Spill:

Lumens: 3460.6

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	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	3.8	3.8	3.8	5.7	7.6	9.5	9.5	11.4
82.5°	0.0	1.9	1.9	3.8	3.8	5.7	5.7	9.5	11.4	13.3	17.0
80°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.6	9.5	13.3	15.1
77.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	5.7	7.6	9.5	11.4
75°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.7	5.7	7.6
72.5°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
70°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
67.5°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
65°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	5.7	5.7	5.7	5.7
62.5°	1.9	1.9	1.9	3.8	5.7	5.7	7.6	9.5	9.5	9.5	9.5
60°	18.9	20.8	22.7	22.7	20.8	20.8	22.7	22.7	22.7	22.7	22.7
57.5°	51.1	54.9	56.8	56.8	56.8	54.9	62.5	64.4	56.8	53.0	58.7
55°	178.0	183.7	179.9	174.2	162.8	149.6	145.8	143.9	145.8	136.3	121.2
52.5°	259.4	265.1	263.2	259.4	251.8	242.4	234.8	227.2	219.7	204.5	187.5
50°	337.1	338.9	337.1	333.3	325.7	316.2	301.1	284.0	268.9	265.1	250.0
47.5°	424.2	429.8	429.8	427.9	422.3	405.2	382.5	357.9	346.5	342.7	327.6
45°	501.8	505.6	507.5	509.4	507.5	490.4	469.6	456.3	431.7	424.2	424.2
42.5°	522.6	524.5	526.4	528.3	534.0	520.7	503.7	481.0	475.3	473.4	469.6
40°	530.2	526.4	528.3	530.2	532.1	522.6	509.4	496.1	492.3	488.5	488.5
37.5°	602.2	585.1	571.9	560.5	551.0	541.6	528.3	516.9	507.5	499.9	507.5
35°	513.2	513.2	526.4	537.8	549.1	560.5	562.4	549.1	528.3	518.8	532.1
32.5°	524.5	524.5	524.5	528.3	532.1	541.6	551.0	556.7	571.9	554.8	554.8
30°	535.9	537.8	541.6	543.5	537.8	534.0	530.2	530.2	539.7	564.3	577.5
27.5°	602.2	602.2	596.5	588.9	571.9	545.3	532.1	513.2	515.0	526.4	558.6
25°	710.1	706.3	693.0	674.1	643.8	605.9	570.0	530.2	513.2	507.5	520.7
22.5°	812.3	806.7	789.6	772.6	748.0	710.1	649.5	588.9	535.9	513.2	507.5
20°	943.0	929.7	910.8	884.3	844.5	806.7	753.6	674.1	596.5	537.8	515.0
17.5°	1153.2	1136.1	1100.2	1052.8	984.7	926.0	850.2	774.5	687.4	592.7	541.6
15°	1613.3	1569.8	1507.3	1376.6	1242.2	1130.5	1016.8	890.0	801.0	676.0	598.4
12.5°	2537.4	2418.1	2236.3	1931.4	1630.4	1370.9	1187.3	1024.4	880.5	765.0	655.2
10°	4294.6	4039.0	3537.2	2704.0	2149.2	1672.0	1342.5	1124.8	943.0	823.7	702.5
7.5°	10861.5	8860.0	6269.6	4281.3	2811.9	2043.2	1535.7	1219.5	1009.3	861.6	740.4
5°	42332.5	34871.8	18602.4	7763.6	4230.2	2471.1	1709.9	1295.2	1052.8	890.0	768.8
2.5°	134350.1	116020.4	60870.4	16712.6	5194.0	2783.5	1829.2	1342.5	1077.4	910.8	789.6
0°	192980.5	165391.3	85428.0	21980.5	5633.3	2863.1	1867.1	1352.0	1081.2	914.6	789.6
-2.5°	176544.3	154510.9	82523.3	20454.3	5756.4	2885.8	1897.3	1384.2	1109.6	931.6	795.3
-5°	104901.4	92013.8	57566.2	14584.2	5114.5	2679.4	1817.8	1355.8	1090.7	922.2	791.5
-7.5°	27638.4	23927.0	15739.3	7610.2	3309.9	2266.6	1670.1	1308.5	1066.1	905.1	776.4
-10°	6663.4	6315.0	5640.9	3457.6	2577.1	1893.6	1480.8	1223.2	1016.8	882.4	751.7
-12.5°	3213.4	3137.6	2847.9	2348.0	1912.5	1573.5	1340.6	1134.2	971.4	842.6	717.7
-15°	2090.5	2046.9	1948.5	1757.2	1535.7	1372.8	1210.0	1043.4	914.6	783.9	689.3
-17.5°	1547.0	1545.1	1495.9	1424.0	1314.1	1192.9	1073.6	967.6	842.6	730.9	659.0
-20°	1281.9	1281.9	1253.5	1206.2	1128.6	1049.0	969.5	871.0	768.8	685.5	655.2

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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°	1088.8	1090.7	1075.5	1045.2	1003.6	937.3	859.7	780.1	706.3	676.0	666.5
-25°	963.8	960.0	943.0	914.6	871.0	818.0	766.9	713.9	693.0	685.5	698.7
-27.5°	816.1	821.8	814.2	801.0	772.6	734.7	723.3	708.2	712.0	723.3	774.5
-30°	729.0	734.7	742.3	748.0	738.5	729.0	732.8	744.2	768.8	812.3	831.3
-32.5°	729.0	730.9	742.3	753.6	759.3	766.9	787.7	825.6	861.6	850.2	846.4
-35°	795.3	789.6	804.8	819.9	840.7	867.3	890.0	882.4	869.1	865.4	869.1
-37.5°	984.7	948.7	933.5	924.1	918.4	914.6	908.9	903.2	897.5	893.8	899.4
-40°	982.8	973.3	963.8	956.2	950.6	943.0	939.2	937.3	931.6	927.8	924.1
-42.5°	979.0	982.8	982.8	980.9	982.8	980.9	975.2	967.6	958.1	950.6	943.0
-45°	1007.4	1009.3	1013.1	1016.8	1022.5	1014.9	1003.6	990.3	977.1	965.7	956.2
-47.5°	1024.4	1026.3	1030.1	1035.8	1039.6	1032.0	1016.8	999.8	979.0	960.0	941.1
-50°	1030.1	1035.8	1037.7	1037.7	1035.8	1026.3	1003.6	979.0	956.2	937.3	920.3
-52.5°	1003.6	1009.3	1011.2	1007.4	1005.5	996.0	975.2	952.5	927.8	914.6	899.4
-55°	960.0	967.6	973.3	973.3	973.3	971.4	952.5	931.6	912.7	897.5	882.4
-57.5°	943.0	956.2	967.6	969.5	971.4	973.3	960.0	939.2	916.5	893.8	874.8
-60°	1005.5	1016.8	1022.5	1014.9	1009.3	1003.6	982.8	958.1	935.4	912.7	876.7
-62.5°	988.4	1007.4	1016.8	1011.2	1003.6	994.1	971.4	943.0	916.5	891.9	855.9
-65°	933.5	950.6	961.9	952.5	941.1	927.8	907.0	880.5	855.9	831.3	799.1
-67.5°	840.7	865.4	884.3	863.5	848.3	831.3	814.2	791.5	766.9	738.5	708.2
-70°	694.9	713.9	730.9	725.2	721.4	717.7	706.3	683.6	662.7	640.0	613.5
-72.5°	558.6	575.6	590.8	581.3	573.7	562.4	545.3	520.7	496.1	471.5	446.9
-75°	308.7	314.3	320.0	318.1	318.1	318.1	318.1	320.0	316.2	310.5	299.2
-77.5°	236.7	244.3	250.0	253.7	259.4	267.0	272.7	263.2	253.7	244.3	232.9
-80°	185.6	193.1	198.8	219.7	234.8	251.8	263.2	250.0	236.7	225.3	215.9
-82.5°	140.1	145.8	151.5	162.8	170.4	179.9	187.5	187.5	185.6	183.7	178.0
-85°	102.3	109.8	117.4	121.2	126.9	126.9	128.8	121.2	113.6	107.9	100.4
-87.5°	58.7	60.6	60.6	60.6	62.5	62.5	62.5	58.7	56.8	53.0	51.1
-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°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.6	7.6	9.5	9.5
85°	11.4	11.4	11.4	13.3	13.3	15.1	17.0	18.9	20.8	20.8	22.7
82.5°	18.9	20.8	22.7	24.6	26.5	28.4	30.3	32.2	37.9	41.7	43.6
80°	18.9	20.8	26.5	30.3	34.1	37.9	37.9	37.9	37.9	39.8	43.6
77.5°	13.3	15.1	17.0	20.8	30.3	37.9	43.6	47.3	43.6	41.7	37.9
75°	7.6	9.5	11.4	13.3	18.9	26.5	36.0	45.4	53.0	51.1	47.3
72.5°	7.6	7.6	9.5	11.4	13.3	15.1	17.0	26.5	37.9	47.3	53.0
70°	7.6	9.5	9.5	11.4	13.3	15.1	17.0	20.8	26.5	37.9	49.2
67.5°	7.6	9.5	9.5	13.3	17.0	18.9	20.8	18.9	17.0	24.6	36.0
65°	7.6	7.6	9.5	11.4	13.3	15.1	20.8	20.8	18.9	18.9	18.9
62.5°	11.4	11.4	11.4	11.4	13.3	13.3	13.3	17.0	17.0	17.0	17.0
60°	22.7	20.8	20.8	20.8	20.8	17.0	17.0	17.0	15.1	17.0	15.1
57.5°	54.9	45.4	41.7	41.7	36.0	34.1	28.4	20.8	20.8	17.0	17.0
55°	111.7	106.0	89.0	73.8	66.3	58.7	45.4	37.9	28.4	22.7	20.8
52.5°	172.3	157.2	142.0	123.1	104.1	89.0	75.7	58.7	47.3	34.1	26.5
50°	225.3	212.1	195.0	174.2	149.6	130.7	111.7	89.0	70.1	53.0	37.9
47.5°	306.8	280.2	259.4	234.8	206.4	179.9	155.3	128.8	98.5	77.6	58.7
45°	393.9	356.0	327.6	304.9	267.0	231.0	202.6	174.2	138.2	102.3	79.5
42.5°	454.5	426.1	388.2	357.9	323.8	285.9	248.1	217.8	179.9	138.2	102.3
40°	486.6	467.7	437.4	410.9	374.9	333.3	293.5	263.2	223.4	178.0	128.8
37.5°	511.3	501.8	486.6	465.8	431.7	382.5	342.7	306.8	272.7	219.7	166.6
35°	539.7	537.8	528.3	518.8	490.4	443.1	395.8	354.1	312.4	263.2	204.5
32.5°	566.2	564.3	558.6	554.8	543.5	501.8	450.7	403.3	356.0	304.9	240.5
30°	579.4	575.6	575.6	579.4	568.1	541.6	503.7	452.6	399.5	338.9	278.4
27.5°	579.4	575.6	577.5	583.2	581.3	568.1	539.7	498.0	439.3	371.1	312.4
25°	554.8	573.7	573.7	581.3	583.2	579.4	564.3	537.8	477.2	405.2	338.9
22.5°	520.7	566.2	583.2	581.3	583.2	592.7	594.6	570.0	513.2	439.3	365.5
20°	520.7	552.9	602.2	588.9	592.7	613.5	623.0	602.2	551.0	471.5	392.0
17.5°	532.1	552.9	594.6	615.4	621.1	638.1	653.3	640.0	585.1	505.6	427.9
15°	564.3	560.5	588.9	640.0	649.5	662.7	679.8	664.6	615.4	543.5	462.0
12.5°	587.0	566.2	588.9	643.8	674.1	687.4	693.0	681.7	641.9	577.5	496.1
10°	617.3	581.3	592.7	640.0	683.6	693.0	698.7	694.9	666.5	605.9	526.4
7.5°	640.0	588.9	588.9	634.3	693.0	700.6	704.4	708.2	687.4	630.6	552.9
5°	649.5	588.9	585.1	628.7	702.5	710.1	710.1	715.8	702.5	649.5	571.9
2.5°	651.4	587.0	581.3	624.9	719.6	719.6	715.8	721.4	713.9	660.9	585.1
0°	660.9	585.1	579.4	630.6	738.5	730.9	721.4	723.3	719.6	666.5	592.7
-2.5°	660.9	594.6	587.0	634.3	736.6	734.7	730.9	732.8	729.0	683.6	607.8
-5°	670.3	607.8	600.3	651.4	734.7	740.4	742.3	742.3	736.6	694.9	617.3
-7.5°	672.2	617.3	615.4	668.4	738.5	748.0	753.6	757.4	746.1	702.5	624.9
-10°	662.7	621.1	630.6	689.3	742.3	755.5	766.9	772.6	753.6	706.3	628.7
-12.5°	641.9	621.1	645.7	715.8	751.7	766.9	783.9	785.8	761.2	708.2	630.6
-15°	640.0	636.2	672.2	742.3	757.4	776.4	802.9	797.2	766.9	708.2	630.6
-17.5°	638.1	657.1	712.0	751.7	766.9	787.7	808.6	802.9	770.7	708.2	626.8
-20°	655.2	691.2	759.3	761.2	778.3	801.0	812.3	801.0	765.0	702.5	621.1

REPORT NUMBER: P723668

CATALOG NUMBER: IFLD-S-SA3B-730-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°	683.6	751.7	774.5	782.0	797.2	814.2	819.9	802.9	759.3	693.0	611.6
-25°	755.5	789.6	789.6	806.7	821.8	829.4	823.7	804.8	751.7	683.6	602.2
-27.5°	810.4	808.6	818.0	835.1	848.3	848.3	833.2	795.3	740.4	674.1	588.9
-30°	831.3	833.2	846.4	865.4	869.1	859.7	837.0	787.7	730.9	659.0	571.9
-32.5°	852.1	859.7	876.7	886.2	888.1	869.1	827.5	774.5	715.8	641.9	552.9
-35°	876.7	891.9	901.3	903.2	893.8	861.6	814.2	757.4	693.0	617.3	535.9
-37.5°	908.9	916.5	922.2	914.6	888.1	850.2	791.5	734.7	672.2	590.8	511.3
-40°	929.7	933.5	935.4	910.8	878.6	823.7	766.9	708.2	636.2	560.5	484.8
-42.5°	943.0	939.2	924.1	897.5	850.2	797.2	742.3	676.0	604.0	530.2	456.3
-45°	939.2	926.0	903.2	871.0	821.8	768.8	704.4	638.1	570.0	498.0	424.2
-47.5°	924.1	903.2	874.8	837.0	791.5	727.1	662.7	598.4	532.1	462.0	393.9
-50°	905.1	880.5	846.4	799.1	738.5	679.8	621.1	558.6	490.4	426.1	365.5
-52.5°	884.3	857.8	814.2	761.2	694.9	634.3	577.5	516.9	454.5	393.9	340.8
-55°	861.6	835.1	785.8	725.2	659.0	592.7	537.8	486.6	426.1	367.4	320.0
-57.5°	850.2	816.1	765.0	704.4	634.3	566.2	518.8	463.9	409.0	348.4	303.0
-60°	840.7	806.7	759.3	689.3	623.0	558.6	503.7	450.7	392.0	335.2	289.7
-62.5°	814.2	778.3	734.7	666.5	602.2	543.5	494.2	431.7	374.9	321.9	280.2
-65°	761.2	723.3	685.5	624.9	566.2	511.3	462.0	405.2	352.2	306.8	270.8
-67.5°	677.9	645.7	611.6	560.5	511.3	462.0	416.6	367.4	323.8	291.6	272.7
-70°	585.1	551.0	516.9	475.3	433.6	393.9	357.9	321.9	293.5	276.5	261.3
-72.5°	426.1	410.9	393.9	361.7	327.6	303.0	285.9	270.8	250.0	234.8	225.3
-75°	284.0	263.2	236.7	225.3	227.2	223.4	214.0	202.6	193.1	187.5	174.2
-77.5°	221.5	210.2	196.9	183.7	178.0	172.3	164.7	155.3	147.7	134.4	115.5
-80°	204.5	195.0	185.6	176.1	166.6	153.4	138.2	123.1	115.5	109.8	107.9
-82.5°	168.5	157.2	145.8	136.3	123.1	113.6	104.1	96.6	96.6	94.7	92.8
-85°	96.6	92.8	87.1	83.3	79.5	73.8	68.2	64.4	62.5	60.6	58.7
-87.5°	49.2	47.3	43.6	41.7	39.8	37.9	34.1	32.2	30.3	30.3	28.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723668

CATALOG NUMBER: IFLD-S-SA3B-730-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°	9.5	9.5	7.6	7.6	7.6	5.7	3.8	3.8	1.9	1.9	0.0
85°	22.7	18.9	17.0	15.1	15.1	11.4	7.6	5.7	3.8	1.9	1.9
82.5°	43.6	37.9	32.2	28.4	22.7	17.0	13.3	9.5	5.7	3.8	1.9
80°	49.2	49.2	47.3	39.8	32.2	24.6	17.0	11.4	7.6	5.7	3.8
77.5°	37.9	41.7	41.7	41.7	39.8	30.3	20.8	13.3	7.6	5.7	3.8
75°	43.6	37.9	36.0	37.9	36.0	30.3	24.6	15.1	9.5	7.6	3.8
72.5°	53.0	45.4	39.8	37.9	34.1	28.4	22.7	17.0	9.5	7.6	5.7
70°	49.2	47.3	43.6	39.8	34.1	28.4	22.7	17.0	11.4	7.6	5.7
67.5°	43.6	43.6	43.6	39.8	34.1	26.5	20.8	15.1	11.4	7.6	5.7
65°	30.3	36.0	39.8	37.9	34.1	26.5	20.8	15.1	11.4	9.5	5.7
62.5°	18.9	24.6	32.2	36.0	32.2	26.5	18.9	15.1	11.4	9.5	5.7
60°	17.0	18.9	22.7	28.4	30.3	24.6	18.9	13.3	11.4	9.5	5.7
57.5°	17.0	17.0	18.9	22.7	24.6	22.7	17.0	11.4	11.4	9.5	7.6
55°	18.9	17.0	17.0	18.9	20.8	20.8	17.0	11.4	11.4	9.5	7.6
52.5°	22.7	18.9	17.0	17.0	17.0	18.9	15.1	11.4	11.4	9.5	7.6
50°	28.4	22.7	20.8	17.0	17.0	17.0	15.1	11.4	9.5	9.5	7.6
47.5°	37.9	30.3	22.7	20.8	17.0	15.1	13.3	11.4	9.5	9.5	7.6
45°	56.8	36.0	30.3	22.7	18.9	17.0	15.1	11.4	9.5	9.5	7.6
42.5°	77.6	53.0	37.9	26.5	20.8	17.0	15.1	13.3	9.5	9.5	7.6
40°	98.5	72.0	47.3	34.1	24.6	18.9	15.1	13.3	11.4	9.5	7.6
37.5°	121.2	89.0	62.5	43.6	28.4	20.8	17.0	13.3	11.4	9.5	7.6
35°	149.6	111.7	77.6	53.0	34.1	24.6	18.9	13.3	11.4	9.5	7.6
32.5°	181.8	132.5	92.8	64.4	43.6	30.3	20.8	15.1	11.4	9.5	7.6
30°	212.1	157.2	109.8	77.6	53.0	34.1	22.7	15.1	11.4	9.5	5.7
27.5°	242.4	181.8	130.7	90.9	64.4	39.8	24.6	17.0	11.4	9.5	7.6
25°	272.7	206.4	151.5	104.1	73.8	47.3	30.3	18.9	11.4	9.5	7.6
22.5°	299.2	231.0	170.4	119.3	85.2	54.9	34.1	20.8	13.3	9.5	7.6
20°	329.5	257.5	191.2	136.3	94.7	62.5	37.9	22.7	13.3	9.5	7.6
17.5°	357.9	284.0	212.1	151.5	106.0	70.1	43.6	24.6	15.1	9.5	7.6
15°	386.3	308.7	231.0	166.6	117.4	77.6	47.3	26.5	17.0	9.5	7.6
12.5°	412.8	331.4	248.1	179.9	126.9	85.2	51.1	28.4	18.9	9.5	7.6
10°	437.4	352.2	265.1	191.2	136.3	90.9	54.9	32.2	20.8	9.5	7.6
7.5°	462.0	369.2	278.4	202.6	147.7	98.5	58.7	34.1	22.7	11.4	7.6
5°	477.2	384.4	289.7	212.1	157.2	106.0	62.5	36.0	24.6	11.4	7.6
2.5°	490.4	395.8	297.3	221.5	166.6	111.7	62.5	37.9	26.5	11.4	7.6
0°	498.0	403.3	303.0	227.2	174.2	115.5	64.4	39.8	28.4	11.4	7.6
-2.5°	515.0	416.6	316.2	234.8	181.8	126.9	68.2	41.7	30.3	13.3	7.6
-5°	526.4	424.2	325.7	242.4	187.5	138.2	73.8	45.4	34.1	17.0	9.5
-7.5°	535.9	431.7	333.3	246.2	193.1	142.0	75.7	47.3	36.0	18.9	9.5
-10°	537.8	435.5	338.9	251.8	196.9	147.7	77.6	49.2	37.9	20.8	9.5
-12.5°	539.7	439.3	340.8	255.6	200.7	151.5	79.5	51.1	39.8	22.7	9.5
-15°	537.8	437.4	340.8	259.4	202.6	147.7	83.3	53.0	41.7	24.6	9.5
-17.5°	534.0	435.5	338.9	257.5	200.7	143.9	85.2	56.8	41.7	26.5	11.4
-20°	528.3	429.8	335.2	255.6	198.8	140.1	87.1	58.7	43.6	26.5	11.4

REPORT NUMBER: P723668

CATALOG NUMBER: IFLD-S-SA3B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	518.8	420.4	327.6	250.0	195.0	136.3	87.1	62.5	45.4	26.5	11.4
-25°	507.5	410.9	320.0	242.4	189.4	130.7	87.1	64.4	47.3	26.5	11.4
-27.5°	494.2	401.4	308.7	236.7	181.8	126.9	87.1	66.3	49.2	26.5	11.4
-30°	479.1	388.2	299.2	227.2	176.1	126.9	89.0	68.2	51.1	26.5	11.4
-32.5°	463.9	374.9	287.8	219.7	168.5	125.0	89.0	70.1	53.0	24.6	13.3
-35°	446.9	359.8	278.4	214.0	162.8	121.2	90.9	70.1	51.1	24.6	13.3
-37.5°	426.1	340.8	268.9	208.3	159.1	117.4	90.9	72.0	49.2	24.6	13.3
-40°	403.3	325.7	257.5	200.7	153.4	115.5	90.9	72.0	47.3	24.6	15.1
-42.5°	378.7	308.7	246.2	193.1	147.7	113.6	90.9	72.0	45.4	24.6	15.1
-45°	356.0	291.6	232.9	183.7	142.0	113.6	90.9	70.1	41.7	26.5	15.1
-47.5°	331.4	272.7	217.8	174.2	140.1	111.7	89.0	66.3	37.9	26.5	15.1
-50°	310.5	253.7	206.4	164.7	136.3	113.6	90.9	60.6	37.9	26.5	15.1
-52.5°	289.7	240.5	193.1	161.0	132.5	115.5	89.0	56.8	37.9	26.5	15.1
-55°	272.7	227.2	185.6	155.3	136.3	119.3	85.2	51.1	37.9	26.5	15.1
-57.5°	259.4	219.7	179.9	157.2	142.0	115.5	79.5	49.2	37.9	24.6	15.1
-60°	250.0	212.1	181.8	164.7	143.9	109.8	75.7	49.2	37.9	24.6	13.3
-62.5°	242.4	214.0	191.2	170.4	136.3	102.3	72.0	49.2	34.1	22.7	13.3
-65°	244.3	221.5	195.0	162.8	130.7	94.7	66.3	47.3	32.2	20.8	13.3
-67.5°	250.0	215.9	183.7	153.4	117.4	85.2	60.6	43.6	30.3	20.8	13.3
-70°	231.0	198.8	166.6	130.7	100.4	73.8	56.8	39.8	26.5	18.9	13.3
-72.5°	208.3	166.6	132.5	106.0	85.2	68.2	51.1	36.0	24.6	17.0	11.4
-75°	151.5	121.2	98.5	89.0	75.7	60.6	45.4	32.2	22.7	17.0	11.4
-77.5°	107.9	100.4	90.9	81.4	68.2	53.0	39.8	30.3	20.8	15.1	9.5
-80°	106.0	96.6	85.2	70.1	56.8	45.4	34.1	26.5	18.9	13.3	7.6
-82.5°	89.0	75.7	64.4	53.0	43.6	36.0	28.4	20.8	15.1	9.5	5.7
-85°	54.9	47.3	41.7	36.0	30.3	24.6	18.9	13.3	9.5	5.7	3.8
-87.5°	26.5	24.6	20.8	17.0	15.1	11.4	9.5	7.6	5.7	3.8	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723668

CATALOG NUMBER: IFLD-S-SA3B-730-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°	1.9	0.0	0.0	0.0
80°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	3.8	1.9	1.9	0.0
67.5°	3.8	1.9	1.9	0.0
65°	3.8	1.9	1.9	0.0
62.5°	3.8	1.9	1.9	0.0
60°	3.8	1.9	1.9	0.0
57.5°	3.8	1.9	1.9	0.0
55°	3.8	1.9	1.9	0.0
52.5°	3.8	1.9	1.9	0.0
50°	3.8	1.9	1.9	0.0
47.5°	3.8	3.8	1.9	0.0
45°	3.8	3.8	1.9	0.0
42.5°	3.8	3.8	1.9	0.0
40°	3.8	3.8	1.9	0.0
37.5°	3.8	3.8	1.9	0.0
35°	3.8	3.8	1.9	0.0
32.5°	5.7	3.8	1.9	0.0
30°	5.7	3.8	3.8	0.0
27.5°	5.7	3.8	3.8	0.0
25°	5.7	3.8	3.8	0.0
22.5°	5.7	3.8	3.8	0.0
20°	5.7	3.8	3.8	0.0
17.5°	5.7	3.8	3.8	0.0
15°	5.7	3.8	3.8	0.0
12.5°	5.7	3.8	3.8	0.0
10°	5.7	3.8	3.8	0.0
7.5°	5.7	3.8	3.8	0.0
5°	5.7	3.8	3.8	0.0
2.5°	5.7	3.8	3.8	0.0
0°	5.7	3.8	3.8	0.0
-2.5°	5.7	3.8	3.8	0.0
-5°	5.7	3.8	3.8	0.0
-7.5°	5.7	3.8	3.8	0.0
-10°	5.7	3.8	3.8	0.0
-12.5°	7.6	3.8	3.8	0.0
-15°	7.6	3.8	3.8	0.0
-17.5°	7.6	3.8	3.8	0.0
-20°	7.6	3.8	3.8	0.0

REPORT NUMBER: P723668

CATALOG NUMBER: IFLD-S-SA3B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.6	3.8	3.8	0.0
-25°	7.6	3.8	3.8	0.0
-27.5°	7.6	3.8	3.8	0.0
-30°	7.6	3.8	3.8	0.0
-32.5°	7.6	3.8	3.8	0.0
-35°	7.6	3.8	3.8	0.0
-37.5°	7.6	3.8	3.8	0.0
-40°	7.6	3.8	3.8	0.0
-42.5°	5.7	3.8	1.9	0.0
-45°	7.6	3.8	1.9	0.0
-47.5°	7.6	3.8	1.9	0.0
-50°	7.6	3.8	1.9	0.0
-52.5°	7.6	3.8	1.9	0.0
-55°	7.6	3.8	1.9	0.0
-57.5°	7.6	3.8	1.9	0.0
-60°	7.6	3.8	1.9	0.0
-62.5°	7.6	3.8	1.9	0.0
-65°	7.6	3.8	1.9	0.0
-67.5°	7.6	3.8	1.9	0.0
-70°	7.6	1.9	1.9	0.0
-72.5°	5.7	1.9	1.9	0.0
-75°	5.7	1.9	1.9	0.0
-77.5°	3.8	1.9	0.0	0.0
-80°	3.8	1.9	0.0	0.0
-82.5°	3.8	1.9	0.0	0.0
-85°	1.9	0.0	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)