

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: P723612

Luminaire Tested: **IFLD-S-SA3D-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723612
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9088.5 lumens	Max Intensity:	213820.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.4 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:	3295.9 lumens	Field Lumens:	5254.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

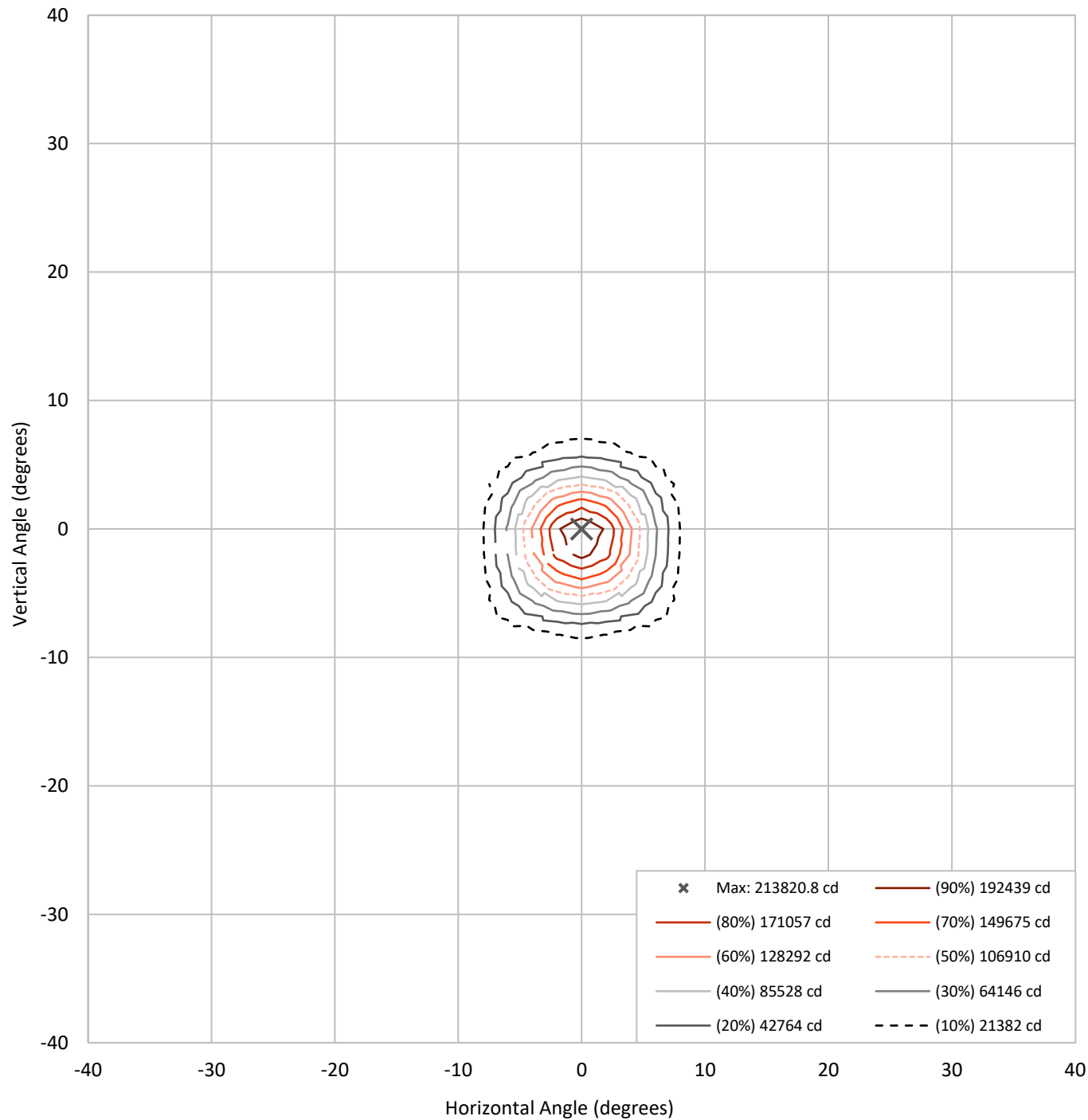
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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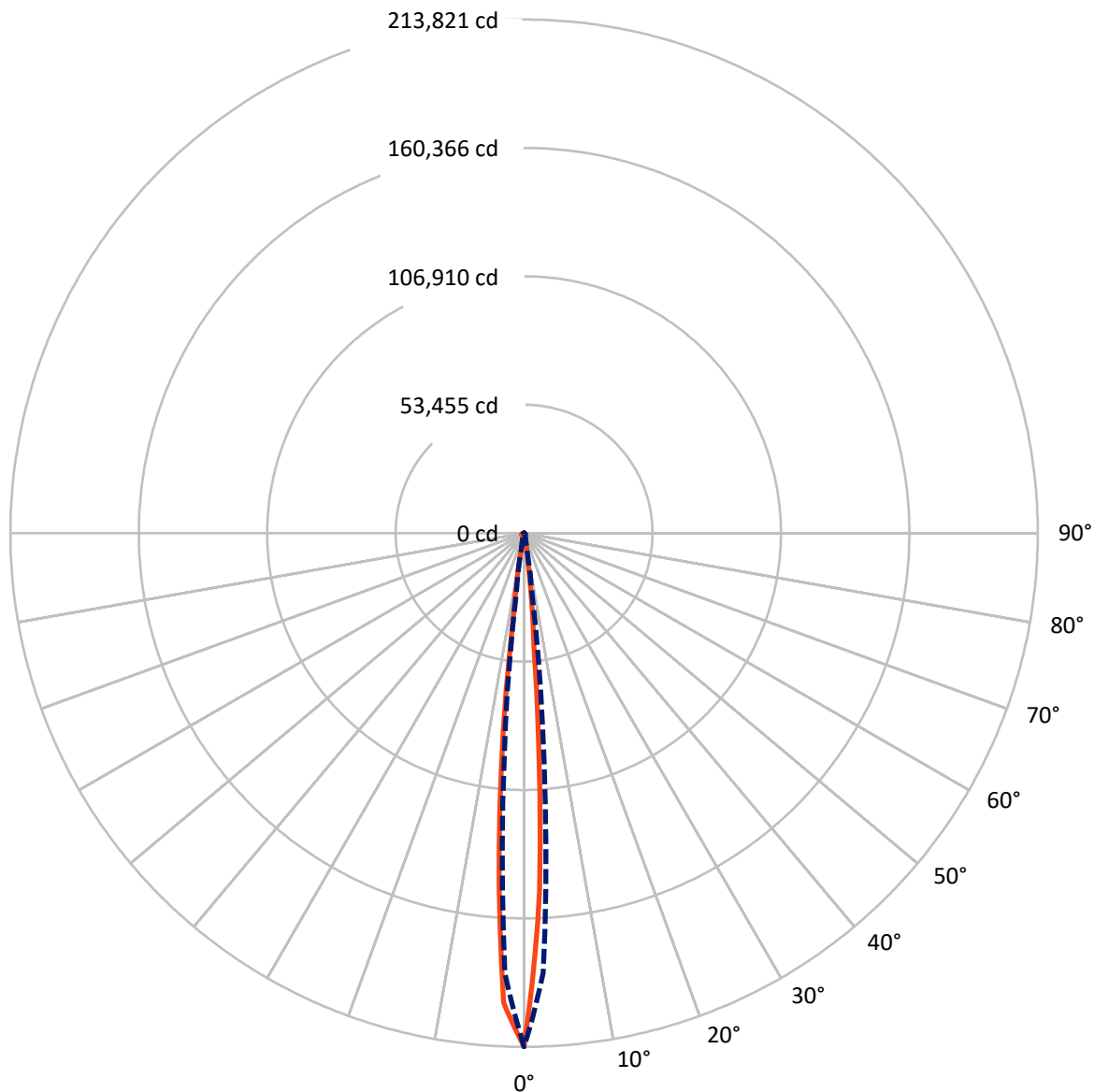
Lumen Table

Vertical Angle (degrees)																			
	0.2	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.2			
90																			
80	0.2	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.2			
70																			
60	0.2	0.5	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.4	0.6	0.5	0.2			
50		0.3	0.4	1.1	2.3	3.8	4.9	5.6	5.6	4.9	3.8	2.3	1.1	0.4	0.3				
40	0.2	0.3	1.2	4.1	8.2	11.9	14.3	15.9	15.9	14.3	11.9	8.2	4.1	1.2	0.3	0.2			
30		0.6	3.2	8.5	13.8	16.2	17.5	18.1	18.1	17.5	16.2	13.8	8.5	3.2	0.6				
20	0.4	1.2	5.4	12.4	16.0	16.5	19.5	23.4	23.4	19.5	16.5	16.0	12.4	5.4	1.2	0.4			
10		1.8	7.6	15.2	17.1	19.3	33.9	57.7	57.7	33.9	19.3	17.1	15.2	7.6	1.8				
0	0.6	2.4	9.3	16.7	17.7	23.8	64.4	1193.1	1193.1	64.4	23.8	17.7	16.7	9.3	2.4	0.6			
-10		2.8	10.1	17.5	18.4	24.6	69.4	1739.6	1739.6	69.4	24.6	18.4	17.5	10.1	2.8				
-20	0.9	3.0	10.4	18.5	19.9	22.2	40.3	77.4	77.4	40.3	22.2	19.9	18.5	10.4	3.0	0.9			
-30		2.8	9.9	18.7	22.3	22.3	26.1	31.9	31.9	26.1	22.3	22.3	18.7	9.9	2.8				
-40	1.0	2.5	8.7	17.9	24.5	26.7	27.8	28.1	28.1	27.8	26.7	24.5	17.9	8.7	2.5	1.0			
-50		2.2	7.0	15.2	23.7	28.8	32.2	33.8	33.8	32.2	28.8	23.7	15.2	7.0	2.2				
-60	0.8	2.0	5.4	11.8	20.2	27.1	31.5	33.3	33.3	31.5	27.1	20.2	11.8	5.4	2.0	0.8			
-70		1.8	4.8	9.6	16.8	23.7	28.7	31.0	31.0	28.7	23.7	16.8	9.6	4.8	1.8				
-80	0.3	5.6		16.7		31.0		34.2		31.0		16.7		5.6		0.3			
-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



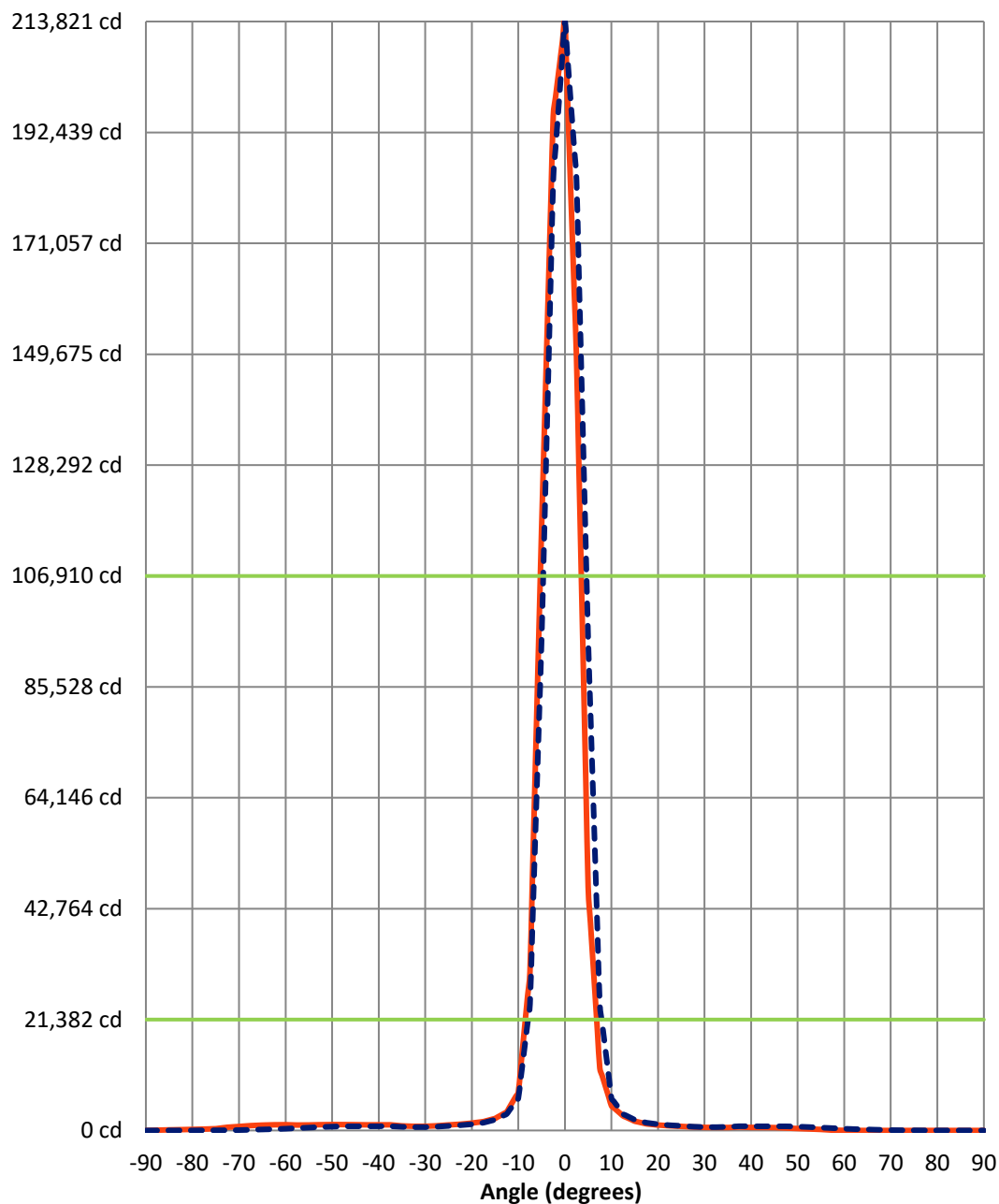
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3295.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5254.3

Efficiency: 57.8%

Spill:

Lumens: 3834.3

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	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	0.0	2.1	2.1	4.2	4.2	4.2	6.3	8.4	10.5	10.5	12.6
82.5°	0.0	2.1	2.1	4.2	4.2	6.3	6.3	10.5	12.6	14.7	18.9
80°	2.1	2.1	2.1	4.2	4.2	6.3	6.3	8.4	10.5	14.7	16.8
77.5°	0.0	2.1	2.1	2.1	4.2	4.2	4.2	6.3	8.4	10.5	12.6
75°	0.0	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.3	6.3	8.4
72.5°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	4.2	6.3	6.3	6.3
70°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	4.2	6.3	6.3	6.3
67.5°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	4.2	6.3	6.3	6.3
65°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	6.3	6.3	6.3	6.3
62.5°	2.1	2.1	2.1	4.2	6.3	6.3	8.4	10.5	10.5	10.5	10.5
60°	21.0	23.1	25.2	25.2	23.1	23.1	25.2	25.2	25.2	25.2	25.2
57.5°	56.6	60.8	62.9	62.9	62.9	60.8	69.2	71.3	62.9	58.7	65.0
55°	197.2	203.5	199.3	193.0	180.4	165.7	161.5	159.5	161.5	151.1	134.3
52.5°	287.4	293.7	291.6	287.4	279.0	268.6	260.2	251.8	243.4	226.6	207.7
50°	373.5	375.6	373.5	369.3	360.9	350.4	333.6	314.7	297.9	293.7	276.9
47.5°	470.0	476.3	476.3	474.2	467.9	449.0	423.8	396.5	383.9	379.7	363.0
45°	556.0	560.2	562.3	564.4	562.3	543.4	520.3	505.6	478.4	470.0	470.0
42.5°	579.1	581.2	583.3	585.4	591.7	577.0	558.1	532.9	526.6	524.5	520.3
40°	587.5	583.3	585.4	587.5	589.6	579.1	564.4	549.7	545.5	541.3	541.3
37.5°	667.2	648.3	633.6	621.0	610.5	600.0	585.4	572.8	562.3	553.9	562.3
35°	568.6	568.6	583.3	595.8	608.4	621.0	623.1	608.4	585.4	574.9	589.6
32.5°	581.2	581.2	581.2	585.4	589.6	600.0	610.5	616.8	633.6	614.7	614.7
30°	593.7	595.8	600.0	602.1	595.8	591.7	587.5	587.5	597.9	625.2	639.9
27.5°	667.2	667.2	660.9	652.5	633.6	604.2	589.6	568.6	570.7	583.3	618.9
25°	786.8	782.6	767.9	746.9	713.3	671.4	631.5	587.5	568.6	562.3	577.0
22.5°	900.1	893.8	874.9	856.0	828.7	786.8	719.6	652.5	593.7	568.6	562.3
20°	1044.8	1030.1	1009.2	979.8	935.7	893.8	835.0	746.9	660.9	595.8	570.7
17.5°	1277.7	1258.8	1219.0	1166.5	1091.0	1025.9	942.0	858.1	761.6	656.7	600.0
15°	1787.5	1739.3	1670.0	1525.3	1376.3	1252.5	1126.7	986.1	887.5	749.0	663.0
12.5°	2811.4	2679.2	2477.8	2140.0	1806.4	1519.0	1315.5	1135.0	975.6	847.6	725.9
10°	4758.4	4475.1	3919.2	2996.0	2381.3	1852.6	1487.5	1246.2	1044.8	912.7	778.4
7.5°	12034.4	9816.8	6946.6	4743.7	3115.6	2263.8	1701.5	1351.1	1118.3	954.6	820.3
5°	46904.0	38637.7	20611.3	8602.0	4687.0	2738.0	1894.5	1435.1	1166.5	986.1	851.8
2.5°	148858.8	128549.7	67444.0	18517.4	5755.0	3084.1	2026.7	1487.5	1193.8	1009.2	874.9
0°	213820.8	183252.2	94653.6	24354.2	6241.7	3172.3	2068.7	1498.0	1198.0	1013.4	874.9
-2.5°	195609.7	171196.8	91435.2	22663.1	6378.1	3197.4	2102.2	1533.7	1229.5	1032.2	881.2
-5°	116229.9	101950.6	63782.9	16159.2	5666.8	2968.7	2014.1	1502.2	1208.5	1021.8	877.0
-7.5°	30623.2	26511.0	17439.0	8432.1	3667.4	2511.4	1850.5	1449.8	1181.2	1002.9	860.2
-10°	7383.0	6997.0	6250.1	3831.0	2855.4	2098.1	1640.7	1355.3	1126.7	977.7	832.9
-12.5°	3560.4	3476.5	3155.5	2601.6	2119.0	1743.5	1485.4	1256.7	1076.3	933.6	795.2
-15°	2316.2	2268.0	2158.9	1947.0	1701.5	1521.1	1340.7	1156.0	1013.4	868.6	763.7
-17.5°	1714.1	1712.0	1657.5	1577.7	1456.0	1321.8	1189.6	1072.1	933.6	809.8	730.1
-20°	1420.4	1420.4	1388.9	1336.5	1250.4	1162.3	1074.2	965.1	851.8	759.5	725.9

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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°	1206.4	1208.5	1191.7	1158.1	1112.0	1038.5	952.5	864.4	782.6	749.0	738.5
-25°	1067.9	1063.7	1044.8	1013.4	965.1	906.4	849.7	791.0	767.9	759.5	774.2
-27.5°	904.3	910.6	902.2	887.5	856.0	814.0	801.5	784.7	788.9	801.5	858.1
-30°	807.7	814.0	822.4	828.7	818.2	807.7	811.9	824.5	851.8	900.1	921.0
-32.5°	807.7	809.8	822.4	835.0	841.3	849.7	872.8	914.8	954.6	942.0	937.8
-35°	881.2	874.9	891.7	908.5	931.5	960.9	986.1	977.7	963.0	958.8	963.0
-37.5°	1091.0	1051.1	1034.3	1023.8	1017.6	1013.4	1007.1	1000.8	994.5	990.3	996.6
-40°	1088.9	1078.4	1067.9	1059.5	1053.2	1044.8	1040.6	1038.5	1032.2	1028.0	1023.8
-42.5°	1084.7	1088.9	1088.9	1086.8	1088.9	1086.8	1080.5	1072.1	1061.6	1053.2	1044.8
-45°	1116.2	1118.3	1122.5	1126.7	1132.9	1124.6	1112.0	1097.3	1082.6	1070.0	1059.5
-47.5°	1135.0	1137.1	1141.3	1147.6	1151.8	1143.4	1126.7	1107.8	1084.7	1063.7	1042.7
-50°	1141.3	1147.6	1149.7	1149.7	1147.6	1137.1	1112.0	1084.7	1059.5	1038.5	1019.7
-52.5°	1112.0	1118.3	1120.4	1116.2	1114.1	1103.6	1080.5	1055.3	1028.0	1013.4	996.6
-55°	1063.7	1072.1	1078.4	1078.4	1078.4	1076.3	1055.3	1032.2	1011.3	994.5	977.7
-57.5°	1044.8	1059.5	1072.1	1074.2	1076.3	1078.4	1063.7	1040.6	1015.5	990.3	969.3
-60°	1114.1	1126.7	1132.9	1124.6	1118.3	1112.0	1088.9	1061.6	1036.4	1011.3	971.4
-62.5°	1095.2	1116.2	1126.7	1120.4	1112.0	1101.5	1076.3	1044.8	1015.5	988.2	948.3
-65°	1034.3	1053.2	1065.8	1055.3	1042.7	1028.0	1005.0	975.6	948.3	921.0	885.4
-67.5°	931.5	958.8	979.8	956.7	939.9	921.0	902.2	877.0	849.7	818.2	784.7
-70°	770.0	791.0	809.8	803.6	799.4	795.2	782.6	757.4	734.3	709.1	679.8
-72.5°	618.9	637.8	654.6	644.1	635.7	623.1	604.2	577.0	549.7	522.4	495.1
-75°	342.0	348.3	354.6	352.5	352.5	352.5	352.5	354.6	350.4	344.1	331.5
-77.5°	262.3	270.6	276.9	281.1	287.4	295.8	302.1	291.6	281.1	270.6	258.1
-80°	205.6	214.0	220.3	243.4	260.2	279.0	291.6	276.9	262.3	249.7	239.2
-82.5°	155.3	161.5	167.8	180.4	188.8	199.3	207.7	207.7	205.6	203.5	197.2
-85°	113.3	121.7	130.1	134.3	140.6	140.6	142.7	134.3	125.9	119.6	111.2
-87.5°	65.0	67.1	67.1	67.1	69.2	69.2	69.2	65.0	62.9	58.7	56.6
-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°	2.1	2.1	2.1	4.2	4.2	6.3	6.3	8.4	8.4	10.5	10.5
85°	12.6	12.6	12.6	14.7	14.7	16.8	18.9	21.0	23.1	23.1	25.2
82.5°	21.0	23.1	25.2	27.3	29.4	31.5	33.6	35.7	42.0	46.2	48.3
80°	21.0	23.1	29.4	33.6	37.8	42.0	42.0	42.0	42.0	44.1	48.3
77.5°	14.7	16.8	18.9	23.1	33.6	42.0	48.3	52.5	48.3	46.2	42.0
75°	8.4	10.5	12.6	14.7	21.0	29.4	39.9	50.4	58.7	56.6	52.5
72.5°	8.4	8.4	10.5	12.6	14.7	16.8	18.9	29.4	42.0	52.5	58.7
70°	8.4	10.5	10.5	12.6	14.7	16.8	18.9	23.1	29.4	42.0	54.5
67.5°	8.4	10.5	10.5	14.7	18.9	21.0	23.1	21.0	18.9	27.3	39.9
65°	8.4	8.4	10.5	12.6	14.7	16.8	23.1	23.1	21.0	21.0	21.0
62.5°	12.6	12.6	12.6	12.6	14.7	14.7	14.7	18.9	18.9	18.9	18.9
60°	25.2	23.1	23.1	23.1	23.1	18.9	18.9	18.9	16.8	18.9	16.8
57.5°	60.8	50.4	46.2	46.2	39.9	37.8	31.5	23.1	23.1	18.9	18.9
55°	123.8	117.5	98.6	81.8	73.4	65.0	50.4	42.0	31.5	25.2	23.1
52.5°	190.9	174.1	157.4	136.4	115.4	98.6	83.9	65.0	52.5	37.8	29.4
50°	249.7	235.0	216.1	193.0	165.7	144.8	123.8	98.6	77.6	58.7	42.0
47.5°	339.9	310.5	287.4	260.2	228.7	199.3	172.0	142.7	109.1	86.0	65.0
45°	436.4	394.4	363.0	337.8	295.8	256.0	224.5	193.0	153.2	113.3	88.1
42.5°	503.5	472.1	430.1	396.5	358.8	316.8	274.8	241.3	199.3	153.2	113.3
40°	539.2	518.2	484.6	455.3	415.4	369.3	325.2	291.6	247.6	197.2	142.7
37.5°	566.5	556.0	539.2	516.1	478.4	423.8	379.7	339.9	302.1	243.4	184.6
35°	597.9	595.8	585.4	574.9	543.4	490.9	438.5	392.3	346.2	291.6	226.6
32.5°	627.3	625.2	618.9	614.7	602.1	556.0	499.3	446.9	394.4	337.8	266.5
30°	642.0	637.8	637.8	642.0	629.4	600.0	558.1	501.4	442.7	375.6	308.4
27.5°	642.0	637.8	639.9	646.2	644.1	629.4	597.9	551.8	486.7	411.2	346.2
25°	614.7	635.7	635.7	644.1	646.2	642.0	625.2	595.8	528.7	449.0	375.6
22.5°	577.0	627.3	646.2	644.1	646.2	656.7	658.8	631.5	568.6	486.7	404.9
20°	577.0	612.6	667.2	652.5	656.7	679.8	690.3	667.2	610.5	522.4	434.3
17.5°	589.6	612.6	658.8	681.9	688.2	707.0	723.8	709.1	648.3	560.2	474.2
15°	625.2	621.0	652.5	709.1	719.6	734.3	753.2	736.4	681.9	602.1	511.9
12.5°	650.4	627.3	652.5	713.3	746.9	761.6	767.9	755.3	711.2	639.9	549.7
10°	684.0	644.1	656.7	709.1	757.4	767.9	774.2	770.0	738.5	671.4	583.3
7.5°	709.1	652.5	652.5	702.8	767.9	776.3	780.5	784.7	761.6	698.7	612.6
5°	719.6	652.5	648.3	696.6	778.4	786.8	786.8	793.1	778.4	719.6	633.6
2.5°	721.7	650.4	644.1	692.4	797.3	797.3	793.1	799.4	791.0	732.2	648.3
0°	732.2	648.3	642.0	698.7	818.2	809.8	799.4	801.5	797.3	738.5	656.7
-2.5°	732.2	658.8	650.4	702.8	816.1	814.0	809.8	811.9	807.7	757.4	673.5
-5°	742.7	673.5	665.1	721.7	814.0	820.3	822.4	822.4	816.1	770.0	684.0
-7.5°	744.8	684.0	681.9	740.6	818.2	828.7	835.0	839.2	826.6	778.4	692.4
-10°	734.3	688.2	698.7	763.7	822.4	837.1	849.7	856.0	835.0	782.6	696.6
-12.5°	711.2	688.2	715.4	793.1	832.9	849.7	868.6	870.7	843.4	784.7	698.7
-15°	709.1	704.9	744.8	822.4	839.2	860.2	889.6	883.3	849.7	784.7	698.7
-17.5°	707.0	728.0	788.9	832.9	849.7	872.8	895.9	889.6	853.9	784.7	694.5
-20°	725.9	765.8	841.3	843.4	862.3	887.5	900.1	887.5	847.6	778.4	688.2

REPORT NUMBER: P723612

CATALOG NUMBER: IFLD-S-SA3D-722-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°	757.4	832.9	858.1	866.5	883.3	902.2	908.5	889.6	841.3	767.9	677.7
-25°	837.1	874.9	874.9	893.8	910.6	918.9	912.7	891.7	832.9	757.4	667.2
-27.5°	898.0	895.9	906.4	925.2	939.9	939.9	923.1	881.2	820.3	746.9	652.5
-30°	921.0	923.1	937.8	958.8	963.0	952.5	927.3	872.8	809.8	730.1	633.6
-32.5°	944.1	952.5	971.4	981.9	984.0	963.0	916.8	858.1	793.1	711.2	612.6
-35°	971.4	988.2	998.7	1000.8	990.3	954.6	902.2	839.2	767.9	684.0	593.7
-37.5°	1007.1	1015.5	1021.8	1013.4	984.0	942.0	877.0	814.0	744.8	654.6	566.5
-40°	1030.1	1034.3	1036.4	1009.2	973.5	912.7	849.7	784.7	704.9	621.0	537.1
-42.5°	1044.8	1040.6	1023.8	994.5	942.0	883.3	822.4	749.0	669.3	587.5	505.6
-45°	1040.6	1025.9	1000.8	965.1	910.6	851.8	780.5	707.0	631.5	551.8	470.0
-47.5°	1023.8	1000.8	969.3	927.3	877.0	805.7	734.3	663.0	589.6	511.9	436.4
-50°	1002.9	975.6	937.8	885.4	818.2	753.2	688.2	618.9	543.4	472.1	404.9
-52.5°	979.8	950.4	902.2	843.4	770.0	702.8	639.9	572.8	503.5	436.4	377.6
-55°	954.6	925.2	870.7	803.6	730.1	656.7	595.8	539.2	472.1	407.0	354.6
-57.5°	942.0	904.3	847.6	780.5	702.8	627.3	574.9	514.0	453.2	386.0	335.7
-60°	931.5	893.8	841.3	763.7	690.3	618.9	558.1	499.3	434.3	371.4	321.0
-62.5°	902.2	862.3	814.0	738.5	667.2	602.1	547.6	478.4	415.4	356.7	310.5
-65°	843.4	801.5	759.5	692.4	627.3	566.5	511.9	449.0	390.2	339.9	300.0
-67.5°	751.1	715.4	677.7	621.0	566.5	511.9	461.6	407.0	358.8	323.1	302.1
-70°	648.3	610.5	572.8	526.6	480.5	436.4	396.5	356.7	325.2	306.3	289.5
-72.5°	472.1	455.3	436.4	400.7	363.0	335.7	316.8	300.0	276.9	260.2	249.7
-75°	314.7	291.6	262.3	249.7	251.8	247.6	237.1	224.5	214.0	207.7	193.0
-77.5°	245.5	232.9	218.2	203.5	197.2	190.9	182.5	172.0	163.6	149.0	128.0
-80°	226.6	216.1	205.6	195.1	184.6	169.9	153.2	136.4	128.0	121.7	119.6
-82.5°	186.7	174.1	161.5	151.1	136.4	125.9	115.4	107.0	107.0	104.9	102.8
-85°	107.0	102.8	96.5	92.3	88.1	81.8	75.5	71.3	69.2	67.1	65.0
-87.5°	54.5	52.5	48.3	46.2	44.1	42.0	37.8	35.7	33.6	33.6	31.5
-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: P723612

CATALOG NUMBER: IFLD-S-SA3D-722-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°	10.5	10.5	8.4	8.4	8.4	6.3	4.2	4.2	2.1	2.1	0.0
85°	25.2	21.0	18.9	16.8	16.8	12.6	8.4	6.3	4.2	2.1	2.1
82.5°	48.3	42.0	35.7	31.5	25.2	18.9	14.7	10.5	6.3	4.2	2.1
80°	54.5	54.5	52.5	44.1	35.7	27.3	18.9	12.6	8.4	6.3	4.2
77.5°	42.0	46.2	46.2	46.2	44.1	33.6	23.1	14.7	8.4	6.3	4.2
75°	48.3	42.0	39.9	42.0	39.9	33.6	27.3	16.8	10.5	8.4	4.2
72.5°	58.7	50.4	44.1	42.0	37.8	31.5	25.2	18.9	10.5	8.4	6.3
70°	54.5	52.5	48.3	44.1	37.8	31.5	25.2	18.9	12.6	8.4	6.3
67.5°	48.3	48.3	48.3	44.1	37.8	29.4	23.1	16.8	12.6	8.4	6.3
65°	33.6	39.9	44.1	42.0	37.8	29.4	23.1	16.8	12.6	10.5	6.3
62.5°	21.0	27.3	35.7	39.9	35.7	29.4	21.0	16.8	12.6	10.5	6.3
60°	18.9	21.0	25.2	31.5	33.6	27.3	21.0	14.7	12.6	10.5	6.3
57.5°	18.9	18.9	21.0	25.2	27.3	25.2	18.9	12.6	12.6	10.5	8.4
55°	21.0	18.9	18.9	21.0	23.1	23.1	18.9	12.6	12.6	10.5	8.4
52.5°	25.2	21.0	18.9	18.9	18.9	21.0	16.8	12.6	12.6	10.5	8.4
50°	31.5	25.2	23.1	18.9	18.9	18.9	16.8	12.6	10.5	10.5	8.4
47.5°	42.0	33.6	25.2	23.1	18.9	16.8	14.7	12.6	10.5	10.5	8.4
45°	62.9	39.9	33.6	25.2	21.0	18.9	16.8	12.6	10.5	10.5	8.4
42.5°	86.0	58.7	42.0	29.4	23.1	18.9	16.8	14.7	10.5	10.5	8.4
40°	109.1	79.7	52.5	37.8	27.3	21.0	16.8	14.7	12.6	10.5	8.4
37.5°	134.3	98.6	69.2	48.3	31.5	23.1	18.9	14.7	12.6	10.5	8.4
35°	165.7	123.8	86.0	58.7	37.8	27.3	21.0	14.7	12.6	10.5	8.4
32.5°	201.4	146.9	102.8	71.3	48.3	33.6	23.1	16.8	12.6	10.5	8.4
30°	235.0	174.1	121.7	86.0	58.7	37.8	25.2	16.8	12.6	10.5	6.3
27.5°	268.6	201.4	144.8	100.7	71.3	44.1	27.3	18.9	12.6	10.5	8.4
25°	302.1	228.7	167.8	115.4	81.8	52.5	33.6	21.0	12.6	10.5	8.4
22.5°	331.5	256.0	188.8	132.2	94.4	60.8	37.8	23.1	14.7	10.5	8.4
20°	365.1	285.3	211.9	151.1	104.9	69.2	42.0	25.2	14.7	10.5	8.4
17.5°	396.5	314.7	235.0	167.8	117.5	77.6	48.3	27.3	16.8	10.5	8.4
15°	428.0	342.0	256.0	184.6	130.1	86.0	52.5	29.4	18.9	10.5	8.4
12.5°	457.4	367.2	274.8	199.3	140.6	94.4	56.6	31.5	21.0	10.5	8.4
10°	484.6	390.2	293.7	211.9	151.1	100.7	60.8	35.7	23.1	10.5	8.4
7.5°	511.9	409.1	308.4	224.5	163.6	109.1	65.0	37.8	25.2	12.6	8.4
5°	528.7	425.9	321.0	235.0	174.1	117.5	69.2	39.9	27.3	12.6	8.4
2.5°	543.4	438.5	329.4	245.5	184.6	123.8	69.2	42.0	29.4	12.6	8.4
0°	551.8	446.9	335.7	251.8	193.0	128.0	71.3	44.1	31.5	12.6	8.4
-2.5°	570.7	461.6	350.4	260.2	201.4	140.6	75.5	46.2	33.6	14.7	8.4
-5°	583.3	470.0	360.9	268.6	207.7	153.2	81.8	50.4	37.8	18.9	10.5
-7.5°	593.7	478.4	369.3	272.7	214.0	157.4	83.9	52.5	39.9	21.0	10.5
-10°	595.8	482.6	375.6	279.0	218.2	163.6	86.0	54.5	42.0	23.1	10.5
-12.5°	597.9	486.7	377.6	283.2	222.4	167.8	88.1	56.6	44.1	25.2	10.5
-15°	595.8	484.6	377.6	287.4	224.5	163.6	92.3	58.7	46.2	27.3	10.5
-17.5°	591.7	482.6	375.6	285.3	222.4	159.5	94.4	62.9	46.2	29.4	12.6
-20°	585.4	476.3	371.4	283.2	220.3	155.3	96.5	65.0	48.3	29.4	12.6

REPORT NUMBER: P723612

CATALOG NUMBER: IFLD-S-SA3D-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	574.9	465.8	363.0	276.9	216.1	151.1	96.5	69.2	50.4	29.4	12.6
-25°	562.3	455.3	354.6	268.6	209.8	144.8	96.5	71.3	52.5	29.4	12.6
-27.5°	547.6	444.8	342.0	262.3	201.4	140.6	96.5	73.4	54.5	29.4	12.6
-30°	530.8	430.1	331.5	251.8	195.1	140.6	98.6	75.5	56.6	29.4	12.6
-32.5°	514.0	415.4	318.9	243.4	186.7	138.5	98.6	77.6	58.7	27.3	14.7
-35°	495.1	398.6	308.4	237.1	180.4	134.3	100.7	77.6	56.6	27.3	14.7
-37.5°	472.1	377.6	297.9	230.8	176.2	130.1	100.7	79.7	54.5	27.3	14.7
-40°	446.9	360.9	285.3	222.4	169.9	128.0	100.7	79.7	52.5	27.3	16.8
-42.5°	419.6	342.0	272.7	214.0	163.6	125.9	100.7	79.7	50.4	27.3	16.8
-45°	394.4	323.1	258.1	203.5	157.4	125.9	100.7	77.6	46.2	29.4	16.8
-47.5°	367.2	302.1	241.3	193.0	155.3	123.8	98.6	73.4	42.0	29.4	16.8
-50°	344.1	281.1	228.7	182.5	151.1	125.9	100.7	67.1	42.0	29.4	16.8
-52.5°	321.0	266.5	214.0	178.3	146.9	128.0	98.6	62.9	42.0	29.4	16.8
-55°	302.1	251.8	205.6	172.0	151.1	132.2	94.4	56.6	42.0	29.4	16.8
-57.5°	287.4	243.4	199.3	174.1	157.4	128.0	88.1	54.5	42.0	27.3	16.8
-60°	276.9	235.0	201.4	182.5	159.5	121.7	83.9	54.5	42.0	27.3	14.7
-62.5°	268.6	237.1	211.9	188.8	151.1	113.3	79.7	54.5	37.8	25.2	14.7
-65°	270.6	245.5	216.1	180.4	144.8	104.9	73.4	52.5	35.7	23.1	14.7
-67.5°	276.9	239.2	203.5	169.9	130.1	94.4	67.1	48.3	33.6	23.1	14.7
-70°	256.0	220.3	184.6	144.8	111.2	81.8	62.9	44.1	29.4	21.0	14.7
-72.5°	230.8	184.6	146.9	117.5	94.4	75.5	56.6	39.9	27.3	18.9	12.6
-75°	167.8	134.3	109.1	98.6	83.9	67.1	50.4	35.7	25.2	18.9	12.6
-77.5°	119.6	111.2	100.7	90.2	75.5	58.7	44.1	33.6	23.1	16.8	10.5
-80°	117.5	107.0	94.4	77.6	62.9	50.4	37.8	29.4	21.0	14.7	8.4
-82.5°	98.6	83.9	71.3	58.7	48.3	39.9	31.5	23.1	16.8	10.5	6.3
-85°	60.8	52.5	46.2	39.9	33.6	27.3	21.0	14.7	10.5	6.3	4.2
-87.5°	29.4	27.3	23.1	18.9	16.8	12.6	10.5	8.4	6.3	4.2	2.1
-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: P723612

CATALOG NUMBER: IFLD-S-SA3D-722-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°	2.1	0.0	0.0	0.0
80°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	4.2	2.1	2.1	0.0
67.5°	4.2	2.1	2.1	0.0
65°	4.2	2.1	2.1	0.0
62.5°	4.2	2.1	2.1	0.0
60°	4.2	2.1	2.1	0.0
57.5°	4.2	2.1	2.1	0.0
55°	4.2	2.1	2.1	0.0
52.5°	4.2	2.1	2.1	0.0
50°	4.2	2.1	2.1	0.0
47.5°	4.2	4.2	2.1	0.0
45°	4.2	4.2	2.1	0.0
42.5°	4.2	4.2	2.1	0.0
40°	4.2	4.2	2.1	0.0
37.5°	4.2	4.2	2.1	0.0
35°	4.2	4.2	2.1	0.0
32.5°	6.3	4.2	2.1	0.0
30°	6.3	4.2	4.2	0.0
27.5°	6.3	4.2	4.2	0.0
25°	6.3	4.2	4.2	0.0
22.5°	6.3	4.2	4.2	0.0
20°	6.3	4.2	4.2	0.0
17.5°	6.3	4.2	4.2	0.0
15°	6.3	4.2	4.2	0.0
12.5°	6.3	4.2	4.2	0.0
10°	6.3	4.2	4.2	0.0
7.5°	6.3	4.2	4.2	0.0
5°	6.3	4.2	4.2	0.0
2.5°	6.3	4.2	4.2	0.0
0°	6.3	4.2	4.2	0.0
-2.5°	6.3	4.2	4.2	0.0
-5°	6.3	4.2	4.2	0.0
-7.5°	6.3	4.2	4.2	0.0
-10°	6.3	4.2	4.2	0.0
-12.5°	8.4	4.2	4.2	0.0
-15°	8.4	4.2	4.2	0.0
-17.5°	8.4	4.2	4.2	0.0
-20°	8.4	4.2	4.2	0.0

REPORT NUMBER: P723612

CATALOG NUMBER: IFLD-S-SA3D-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.4	4.2	4.2	0.0
-25°	8.4	4.2	4.2	0.0
-27.5°	8.4	4.2	4.2	0.0
-30°	8.4	4.2	4.2	0.0
-32.5°	8.4	4.2	4.2	0.0
-35°	8.4	4.2	4.2	0.0
-37.5°	8.4	4.2	4.2	0.0
-40°	8.4	4.2	4.2	0.0
-42.5°	6.3	4.2	2.1	0.0
-45°	8.4	4.2	2.1	0.0
-47.5°	8.4	4.2	2.1	0.0
-50°	8.4	4.2	2.1	0.0
-52.5°	8.4	4.2	2.1	0.0
-55°	8.4	4.2	2.1	0.0
-57.5°	8.4	4.2	2.1	0.0
-60°	8.4	4.2	2.1	0.0
-62.5°	8.4	4.2	2.1	0.0
-65°	8.4	4.2	2.1	0.0
-67.5°	8.4	4.2	2.1	0.0
-70°	8.4	2.1	2.1	0.0
-72.5°	6.3	2.1	2.1	0.0
-75°	6.3	2.1	2.1	0.0
-77.5°	4.2	2.1	0.0	0.0
-80°	4.2	2.1	0.0	0.0
-82.5°	4.2	2.1	0.0	0.0
-85°	2.1	0.0	0.0	0.0
-87.5°	2.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)