

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: P724241

Luminaire Tested: **IFLD-L-SA8D-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724241
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

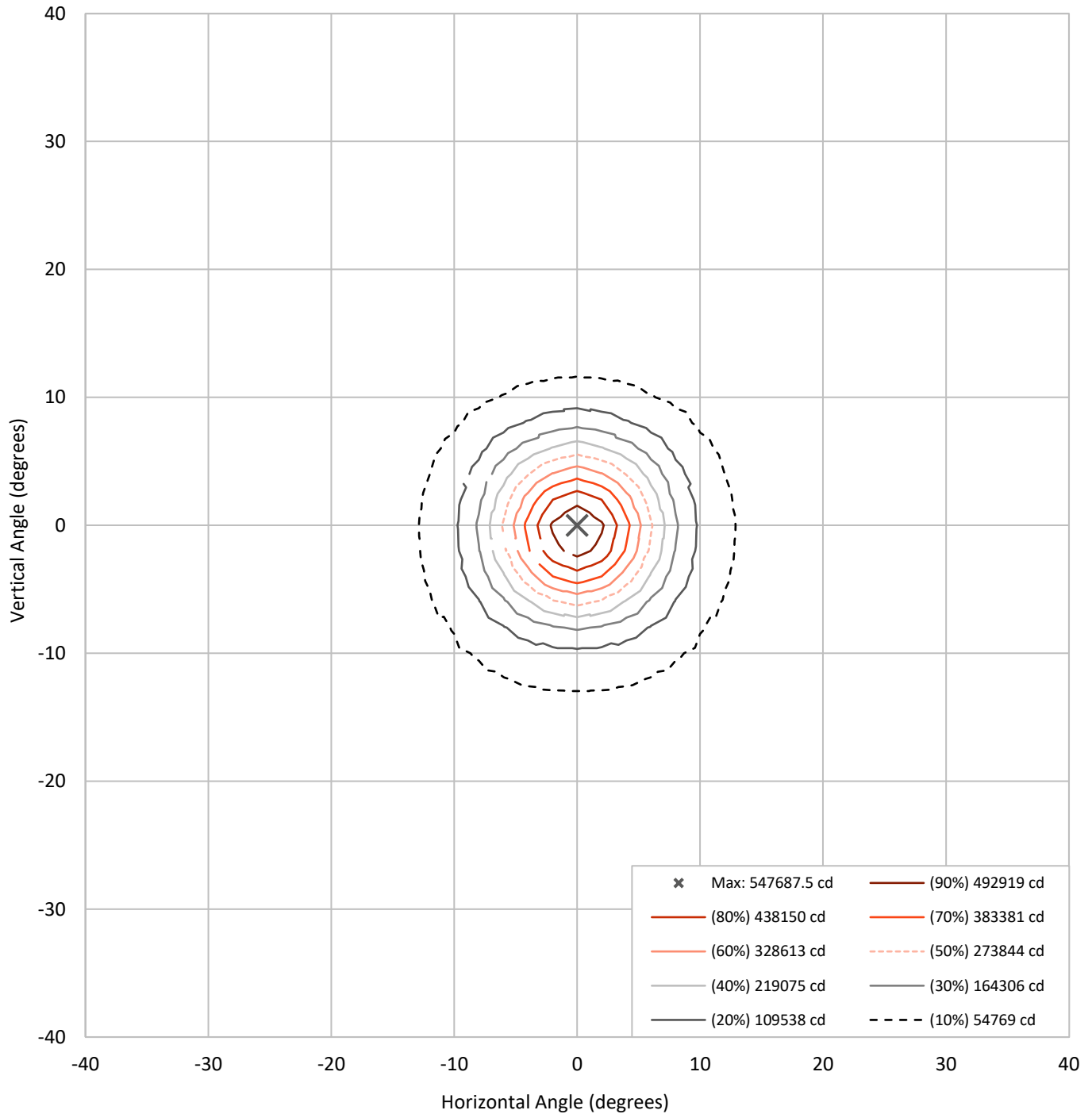
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	38256.2 lumens	Max Intensity:	547687.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	11968.3 lumens	Field Lumens:	27232.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 488.3
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





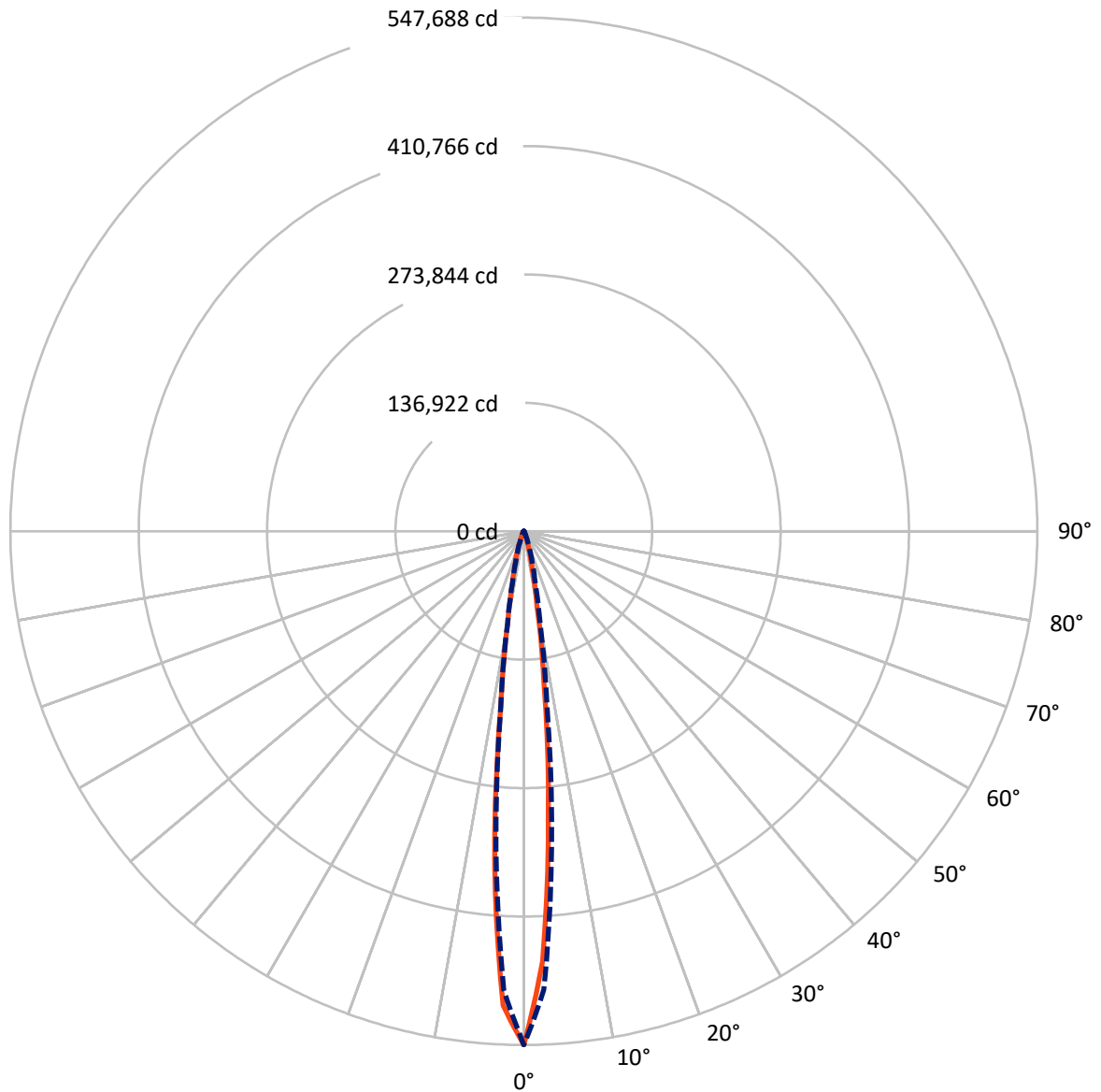
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Lumen Table

90	0.2	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.2
80	0.2	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.2
70	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.3
60		0.3	0.4	1.1	2.0	3.0	3.7	4.2	4.2	3.7	3.0	2.0	1.1	0.4	0.3	
50	0.2	0.3	1.2	3.1	5.4	7.7	10.2	12.0	12.0	10.2	7.7	5.4	3.1	1.2	0.3	0.2
40		0.6	2.7	5.8	9.8	15.4	23.3	27.8	27.8	23.3	15.4	9.8	5.8	2.7	0.6	
30	0.4	1.2	4.1	8.4	15.4	26.5	51.0	82.3	82.3	51.0	26.5	15.4	8.4	4.1	1.2	0.4
20		1.7	5.5	11.5	23.3	57.7	301.4	762.5	762.5	301.4	57.7	23.3	11.5	5.5	1.7	
10	0.6	2.1	6.5	13.5	28.4	117.2	970.7	5981.9	5981.9	970.7	117.2	28.4	13.5	6.5	2.1	0.6
0		2.5	7.1	14.3	29.6	133.6	1068.2	6587.7	6587.7	1068.2	133.6	29.6	14.3	7.1	2.5	
-10	0.8	2.6	7.4	14.2	27.8	80.1	479.4	1155.3	1155.3	479.4	80.1	27.8	14.2	7.4	2.6	0.8
-20		2.6	7.3	13.5	23.5	40.8	99.1	186.1	186.1	99.1	40.8	23.5	13.5	7.3	2.6	
-30	0.8	2.4	6.8	12.5	19.6	28.9	40.9	48.0	48.0	40.9	28.9	19.6	12.5	6.8	2.4	0.8
-40		2.0	5.9	11.2	17.0	22.5	28.5	31.6	31.6	28.5	22.5	17.0	11.2	5.9	2.0	
-50	0.7	1.7	4.7	9.4	14.9	19.7	24.1	26.3	26.3	24.1	19.7	14.9	9.4	4.7	1.7	0.7
-60		1.3	3.4	6.9	11.4	15.7	19.8	21.9	21.9	19.8	15.7	11.4	6.9	3.4	1.3	
-70	0.7	1.3	3.4	6.9	11.4	15.7	19.8	21.9	21.9	19.8	15.7	11.4	6.9	3.4	1.3	0.7
-80		1.7	4.7	9.4	14.9	19.7	24.1	26.3	26.3	24.1	19.7	14.9	9.4	4.7	1.7	
-90	0.4	5.2		14.3		26.4		31.9		26.4		14.3		5.2		0.4

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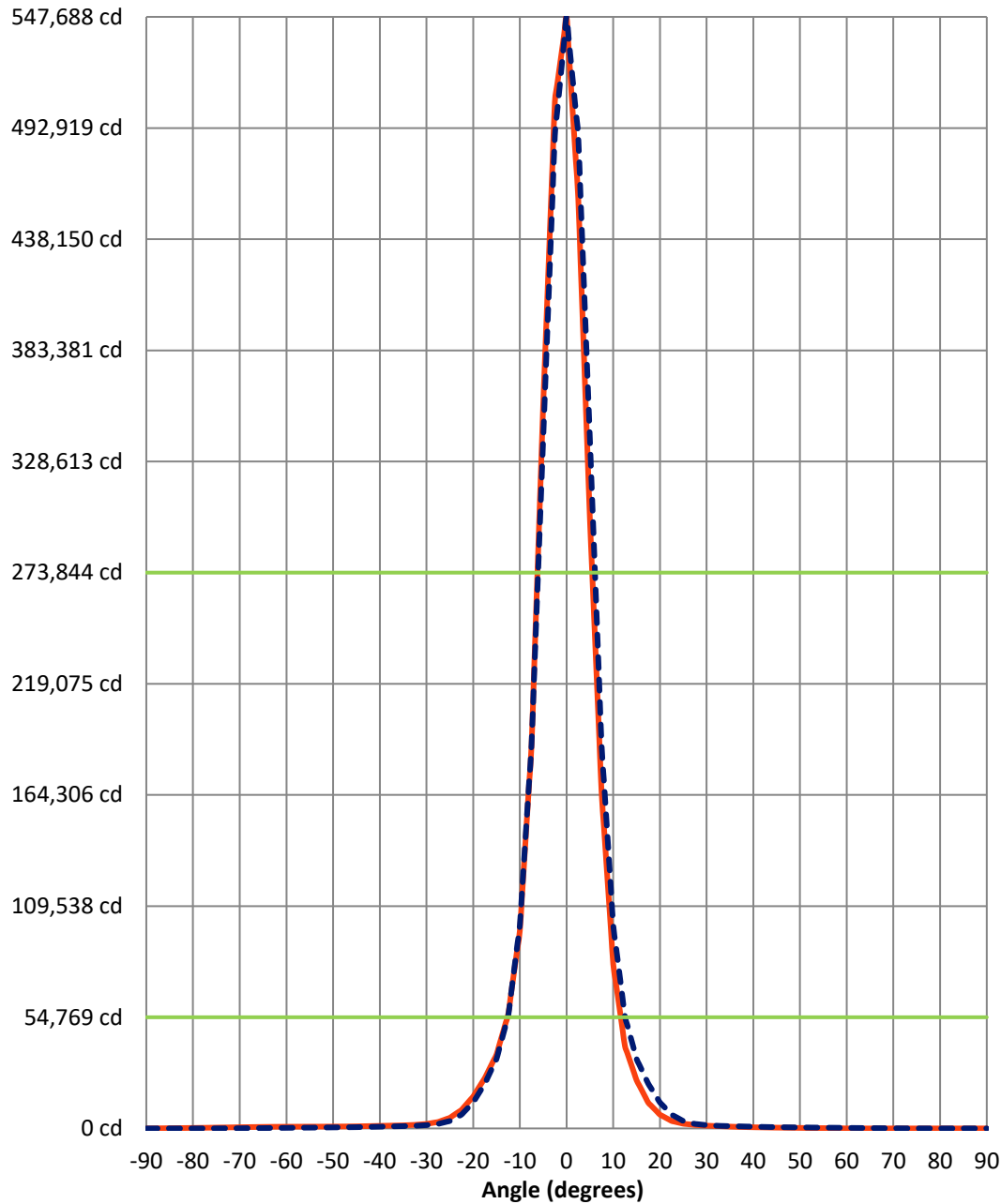
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 11968.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 27232.2
 Efficiency: 71.2%

Spill:
 Lumens: 11024.1
 Efficiency: 28.8%

— 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9
85°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	13.7	13.7
82.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	13.7	13.7	13.7
80°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	13.7	13.7	13.7
77.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	13.7
75°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
67.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
65°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
62.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
60°	13.7	13.7	13.7	13.7	20.6	20.6	27.4	27.4	27.4	13.7	27.4
57.5°	109.7	109.7	102.8	96.0	89.1	82.2	82.2	82.2	82.2	82.2	68.5
55°	150.8	150.8	150.8	143.9	143.9	137.1	130.2	123.4	123.4	116.5	109.7
52.5°	178.2	178.2	178.2	178.2	171.3	171.3	171.3	164.5	150.8	150.8	143.9
50°	253.6	246.7	246.7	246.7	246.7	233.0	226.2	212.5	205.6	198.8	191.9
47.5°	329.0	329.0	322.1	322.1	315.3	301.6	287.9	274.1	260.4	253.6	239.9
45°	390.7	390.7	383.8	383.8	377.0	363.2	342.7	322.1	308.4	294.7	281.0
42.5°	479.8	472.9	466.1	459.2	445.5	424.9	397.5	370.1	349.5	329.0	315.3
40°	575.7	575.7	568.9	562.0	541.4	520.9	486.6	452.3	418.1	377.0	356.4
37.5°	692.2	699.1	705.9	705.9	692.2	664.8	616.8	575.7	520.9	466.1	438.6
35°	904.7	904.7	918.4	918.4	897.8	863.6	829.3	740.2	671.7	603.1	541.4
32.5°	1137.7	1144.6	1117.2	1096.6	1069.2	1028.1	966.4	891.0	815.6	726.5	658.0
30°	1363.9	1363.9	1329.6	1288.5	1233.7	1165.1	1089.7	1007.5	918.4	829.3	747.1
27.5°	1720.3	1686.0	1658.6	1590.1	1494.1	1363.9	1267.9	1137.7	1021.2	918.4	829.3
25°	2309.7	2302.8	2241.2	2124.7	1932.7	1727.1	1569.5	1350.2	1172.0	1014.4	911.5
22.5°	3673.6	3625.6	3481.7	3193.8	2741.5	2385.1	2063.0	1720.3	1398.2	1185.7	1021.2
20°	6792.0	6634.4	6250.6	5455.6	4441.2	3742.1	2940.2	2364.5	1823.1	1425.6	1178.8
17.5°	12672.5	12569.7	12425.8	10589.0	8526.0	7045.6	5243.1	3625.6	2590.7	1864.2	1398.2
15°	23755.0	22994.2	21404.2	19204.1	16318.7	12610.8	9273.1	5853.1	3701.0	2481.0	1775.1
12.5°	40608.3	39765.3	35659.9	30156.4	24968.1	19690.7	13823.9	8896.1	5270.5	3152.7	2104.1
10°	80915.0	74794.6	63300.9	47242.7	36873.0	27497.1	19409.7	12137.9	6860.6	3982.0	2494.8
7.5°	165729.8	145730.6	112298.2	79277.0	51313.8	36064.3	24789.9	15873.2	9142.9	4982.7	2851.1
5°	300377.9	264896.2	199566.6	120166.2	74513.6	45200.3	29416.2	18875.1	10822.0	5798.2	3207.5
2.5°	458657.7	412758.3	288521.0	165236.3	91880.9	52273.3	32651.1	20849.0	11891.2	6353.4	3481.7
0°	547687.5	489225.3	339779.9	189176.3	100153.4	55275.2	34234.3	22034.7	12795.9	6805.7	3659.9
-2.5°	505927.8	458863.3	312262.3	175729.3	95705.3	53959.3	34460.5	22329.4	12946.7	6929.1	3742.1
-5°	356578.4	317950.8	216063.5	129679.2	81202.9	49703.2	32514.0	21219.1	12528.6	6750.9	3707.9
-7.5°	188648.6	171171.6	128137.1	93183.2	59271.0	42068.1	29272.2	19252.1	11445.7	6271.2	3502.3
-10°	97466.7	93882.2	80901.3	60984.4	47962.3	35241.8	24981.8	16462.6	9567.8	5400.7	3152.7
-12.5°	56193.6	55583.7	51409.7	44131.1	36777.1	28950.1	20499.5	13426.4	7984.6	4475.5	2659.2
-15°	36386.4	36646.8	35193.8	32164.5	27976.9	21664.6	15749.8	9985.9	5907.9	3625.6	2344.0
-17.5°	24831.0	24762.5	24084.0	22007.3	18635.3	14632.7	10438.2	7052.5	4475.5	2823.7	1946.5
-20°	15708.7	15736.1	15105.6	13673.2	11192.1	9019.5	6497.3	4756.5	3173.3	2220.6	1720.3



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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°	9115.4	9136.0	8738.5	7929.8	6627.5	5345.9	4221.9	3145.9	2337.1	1850.5	1507.8
-25°	5236.2	5154.0	4996.4	4605.7	3995.7	3296.6	2803.2	2213.8	1871.1	1569.5	1377.6
-27.5°	3173.3	3118.4	3036.2	2864.9	2625.0	2275.4	2049.3	1788.8	1590.1	1411.9	1295.4
-30°	2213.8	2234.3	2165.8	2076.7	1967.0	1809.4	1686.0	1562.6	1432.4	1322.8	1213.1
-32.5°	1761.4	1775.1	1740.8	1706.6	1651.7	1590.1	1514.7	1425.6	1322.8	1220.0	1117.2
-35°	1514.7	1521.5	1521.5	1514.7	1501.0	1453.0	1398.2	1315.9	1220.0	1124.0	1034.9
-37.5°	1391.3	1398.2	1398.2	1391.3	1370.7	1329.6	1274.8	1206.3	1117.2	1028.1	959.5
-40°	1261.1	1267.9	1261.1	1247.4	1226.8	1185.7	1144.6	1089.7	1021.2	945.8	884.1
-42.5°	1137.7	1130.9	1124.0	1110.3	1089.7	1062.3	1028.1	986.9	939.0	884.1	836.2
-45°	1021.2	1021.2	1014.4	1007.5	993.8	973.2	952.7	918.4	884.1	843.0	801.9
-47.5°	959.5	959.5	952.7	945.8	939.0	925.3	904.7	877.3	849.9	815.6	781.3
-50°	918.4	918.4	918.4	911.5	904.7	891.0	870.4	849.9	822.4	788.2	753.9
-52.5°	891.0	891.0	891.0	884.1	877.3	870.4	849.9	822.4	788.2	760.8	733.3
-55°	877.3	870.4	870.4	863.6	856.7	849.9	822.4	795.0	767.6	740.2	712.8
-57.5°	856.7	849.9	849.9	843.0	836.2	829.3	801.9	774.5	747.1	712.8	692.2
-60°	836.2	829.3	829.3	815.6	808.7	801.9	774.5	747.1	719.6	692.2	664.8
-62.5°	808.7	801.9	795.0	788.2	774.5	760.8	740.2	712.8	678.5	651.1	623.7
-65°	747.1	740.2	733.3	726.5	719.6	712.8	692.2	658.0	630.5	603.1	575.7
-67.5°	671.7	671.7	671.7	658.0	651.1	637.4	623.7	596.3	568.9	541.4	520.9
-70°	582.6	582.6	582.6	568.9	562.0	555.2	534.6	514.0	493.5	472.9	445.5
-72.5°	493.5	486.6	486.6	479.8	466.1	459.2	445.5	431.8	411.2	397.5	377.0
-75°	404.4	397.5	397.5	390.7	383.8	377.0	363.2	356.4	342.7	329.0	308.4
-77.5°	322.1	322.1	322.1	315.3	308.4	301.6	294.7	287.9	281.0	267.3	253.6
-80°	246.7	246.7	246.7	246.7	246.7	246.7	246.7	239.9	226.2	219.3	212.5
-82.5°	178.2	185.1	185.1	185.1	185.1	185.1	185.1	185.1	178.2	171.3	164.5
-85°	116.5	123.4	123.4	130.2	137.1	137.1	143.9	137.1	130.2	116.5	109.7
-87.5°	61.7	61.7	61.7	61.7	61.7	61.7	61.7	54.8	54.8	54.8	48.0
-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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	13.7	13.7	13.7
85°	13.7	13.7	13.7	13.7	20.6	20.6	20.6	27.4	27.4	27.4	27.4
82.5°	13.7	20.6	20.6	20.6	27.4	27.4	34.3	41.1	54.8	61.7	61.7
80°	13.7	20.6	20.6	20.6	27.4	27.4	34.3	34.3	41.1	48.0	61.7
77.5°	13.7	13.7	20.6	20.6	20.6	27.4	27.4	34.3	34.3	41.1	48.0
75°	6.9	13.7	13.7	13.7	20.6	20.6	27.4	27.4	34.3	34.3	41.1
72.5°	6.9	13.7	13.7	13.7	20.6	20.6	27.4	27.4	27.4	34.3	34.3
70°	6.9	13.7	13.7	13.7	13.7	20.6	20.6	20.6	27.4	27.4	27.4
67.5°	6.9	6.9	6.9	13.7	13.7	13.7	13.7	20.6	20.6	20.6	27.4
65°	6.9	6.9	6.9	6.9	13.7	13.7	13.7	13.7	20.6	20.6	20.6
62.5°	6.9	6.9	6.9	13.7	13.7	13.7	13.7	13.7	20.6	20.6	20.6
60°	27.4	27.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
57.5°	61.7	61.7	54.8	48.0	41.1	41.1	34.3	27.4	27.4	20.6	20.6
55°	102.8	96.0	89.1	75.4	68.5	61.7	54.8	41.1	34.3	27.4	20.6
52.5°	130.2	123.4	116.5	109.7	96.0	82.2	75.4	68.5	54.8	41.1	34.3
50°	191.9	171.3	157.6	143.9	130.2	116.5	102.8	96.0	75.4	61.7	48.0
47.5°	233.0	219.3	198.8	185.1	171.3	150.8	130.2	116.5	102.8	82.2	61.7
45°	267.3	253.6	233.0	219.3	205.6	185.1	164.5	143.9	130.2	109.7	82.2
42.5°	301.6	287.9	267.3	253.6	233.0	212.5	191.9	171.3	150.8	137.1	109.7
40°	349.5	329.0	301.6	287.9	274.1	246.7	219.3	198.8	178.2	157.6	130.2
37.5°	411.2	390.7	356.4	329.0	308.4	287.9	260.4	233.0	212.5	185.1	157.6
35°	507.2	472.9	424.9	383.8	356.4	329.0	294.7	267.3	239.9	212.5	185.1
32.5°	603.1	548.3	486.6	438.6	397.5	363.2	329.0	301.6	267.3	233.0	205.6
30°	678.5	616.8	555.2	486.6	438.6	397.5	363.2	329.0	294.7	260.4	226.2
27.5°	753.9	685.4	616.8	548.3	479.8	424.9	390.7	356.4	322.1	287.9	246.7
25°	829.3	753.9	685.4	610.0	527.7	466.1	418.1	390.7	356.4	315.3	267.3
22.5°	897.8	829.3	760.8	678.5	582.6	500.3	452.3	418.1	383.8	335.8	294.7
20°	1028.1	939.0	856.7	753.9	644.2	562.0	500.3	452.3	411.2	363.2	315.3
17.5°	1199.4	1069.2	959.5	843.0	733.3	630.5	541.4	486.6	445.5	390.7	335.8
15°	1418.7	1192.5	1055.5	939.0	808.7	692.2	596.3	520.9	466.1	411.2	363.2
12.5°	1583.2	1288.5	1137.7	1028.1	891.0	760.8	637.4	548.3	486.6	431.8	377.0
10°	1768.3	1391.3	1206.3	1082.9	939.0	795.0	664.8	568.9	500.3	452.3	397.5
7.5°	1919.0	1473.5	1240.5	1103.4	966.4	822.4	692.2	589.4	520.9	466.1	411.2
5°	2056.1	1542.1	1267.9	1110.3	980.1	843.0	705.9	603.1	534.6	479.8	424.9
2.5°	2152.1	1603.8	1295.4	1124.0	993.8	856.7	726.5	616.8	548.3	493.5	438.6
0°	2234.3	1624.3	1288.5	1124.0	1000.6	856.7	733.3	623.7	555.2	500.3	445.5
-2.5°	2261.7	1658.6	1322.8	1137.7	1014.4	870.4	747.1	630.5	562.0	507.2	459.2
-5°	2261.7	1631.2	1322.8	1151.4	1021.2	877.3	747.1	637.4	568.9	514.0	459.2
-7.5°	2179.5	1590.1	1315.9	1165.1	1028.1	884.1	747.1	644.2	575.7	520.9	466.1
-10°	2035.6	1528.4	1309.1	1172.0	1028.1	877.3	747.1	644.2	575.7	520.9	472.9
-12.5°	1802.5	1446.1	1274.8	1158.3	1014.4	863.6	740.2	644.2	575.7	527.7	472.9
-15°	1686.0	1377.6	1233.7	1117.2	980.1	843.0	726.5	637.4	575.7	527.7	479.8
-17.5°	1528.4	1322.8	1192.5	1076.0	952.7	822.4	712.8	637.4	575.7	520.9	479.8
-20°	1418.7	1261.1	1144.6	1041.8	918.4	801.9	705.9	630.5	575.7	520.9	479.8



REPORT NUMBER: P724241
 CATALOG NUMBER: IFLD-L-SA8D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1322.8	1192.5	1089.7	986.9	877.3	774.5	692.2	623.7	568.9	520.9	479.8
-25°	1247.4	1130.9	1034.9	939.0	843.0	753.9	678.5	616.8	562.0	520.9	472.9
-27.5°	1178.8	1069.2	980.1	891.0	801.9	733.3	664.8	610.0	562.0	514.0	466.1
-30°	1103.4	1014.4	925.3	843.0	781.3	712.8	651.1	596.3	555.2	507.2	459.2
-32.5°	1028.1	945.8	870.4	808.7	753.9	699.1	644.2	589.4	541.4	493.5	445.5
-35°	959.5	884.1	829.3	774.5	733.3	685.4	630.5	575.7	534.6	486.6	445.5
-37.5°	891.0	836.2	788.2	747.1	705.9	664.8	610.0	562.0	520.9	472.9	424.9
-40°	836.2	795.0	760.8	726.5	685.4	637.4	596.3	548.3	507.2	459.2	404.4
-42.5°	801.9	767.6	733.3	699.1	664.8	623.7	582.6	534.6	493.5	445.5	390.7
-45°	767.6	740.2	712.8	685.4	651.1	610.0	562.0	514.0	472.9	424.9	383.8
-47.5°	747.1	719.6	692.2	671.7	644.2	589.4	548.3	500.3	452.3	411.2	363.2
-50°	726.5	699.1	678.5	651.1	616.8	568.9	527.7	479.8	438.6	390.7	349.5
-52.5°	705.9	678.5	651.1	623.7	589.4	548.3	507.2	466.1	418.1	370.1	329.0
-55°	685.4	658.0	630.5	603.1	568.9	534.6	493.5	438.6	390.7	342.7	301.6
-57.5°	664.8	644.2	610.0	575.7	541.4	507.2	459.2	411.2	363.2	315.3	281.0
-60°	637.4	610.0	582.6	541.4	507.2	466.1	424.9	383.8	335.8	294.7	260.4
-62.5°	596.3	568.9	541.4	500.3	466.1	431.8	397.5	349.5	315.3	274.1	239.9
-65°	548.3	520.9	493.5	459.2	424.9	390.7	363.2	322.1	287.9	253.6	226.2
-67.5°	493.5	466.1	445.5	411.2	383.8	349.5	322.1	287.9	253.6	226.2	198.8
-70°	424.9	404.4	383.8	356.4	329.0	301.6	274.1	246.7	219.3	198.8	171.3
-72.5°	363.2	342.7	322.1	301.6	281.0	253.6	233.0	212.5	191.9	171.3	157.6
-75°	294.7	281.0	267.3	253.6	233.0	212.5	198.8	178.2	164.5	150.8	143.9
-77.5°	246.7	233.0	219.3	205.6	191.9	178.2	164.5	150.8	143.9	137.1	130.2
-80°	198.8	191.9	185.1	171.3	164.5	150.8	143.9	130.2	130.2	130.2	130.2
-82.5°	157.6	150.8	143.9	137.1	130.2	123.4	123.4	116.5	123.4	123.4	116.5
-85°	109.7	102.8	96.0	96.0	89.1	89.1	82.2	82.2	82.2	75.4	75.4
-87.5°	48.0	48.0	48.0	48.0	41.1	41.1	41.1	41.1	41.1	34.3	34.3
-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: P724241
 CATALOG NUMBER: IFLD-L-SA8D-827-U-22-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°	13.7	13.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0.0	0.0
85°	27.4	27.4	20.6	20.6	20.6	13.7	13.7	6.9	6.9	6.9	6.9
82.5°	61.7	54.8	48.0	41.1	34.3	27.4	20.6	13.7	13.7	6.9	6.9
80°	75.4	75.4	75.4	68.5	54.8	41.1	27.4	20.6	13.7	6.9	6.9
77.5°	54.8	54.8	61.7	68.5	68.5	54.8	34.3	20.6	13.7	13.7	6.9
75°	41.1	41.1	41.1	48.0	54.8	54.8	41.1	27.4	13.7	13.7	6.9
72.5°	41.1	41.1	41.1	41.1	41.1	41.1	41.1	27.4	20.6	13.7	13.7
70°	34.3	34.3	34.3	34.3	34.3	34.3	34.3	27.4	20.6	13.7	13.7
67.5°	27.4	27.4	34.3	34.3	34.3	27.4	27.4	27.4	20.6	13.7	13.7
65°	20.6	27.4	27.4	34.3	27.4	27.4	27.4	20.6	20.6	13.7	13.7
62.5°	20.6	20.6	27.4	27.4	27.4	27.4	20.6	20.6	20.6	13.7	13.7
60°	20.6	20.6	20.6	27.4	20.6	20.6	20.6	20.6	20.6	13.7	13.7
57.5°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	13.7	13.7	13.7	13.7
55°	20.6	20.6	20.6	20.6	20.6	20.6	13.7	13.7	13.7	13.7	13.7
52.5°	27.4	20.6	20.6	20.6	20.6	20.6	13.7	13.7	13.7	13.7	13.7
50°	34.3	20.6	20.6	20.6	20.6	13.7	13.7	13.7	13.7	13.7	13.7
47.5°	48.0	34.3	27.4	20.6	20.6	13.7	13.7	13.7	13.7	13.7	6.9
45°	68.5	48.0	34.3	27.4	20.6	13.7	13.7	13.7	13.7	13.7	6.9
42.5°	82.2	61.7	41.1	34.3	27.4	20.6	13.7	13.7	13.7	6.9	6.9
40°	102.8	82.2	54.8	41.1	27.4	20.6	13.7	13.7	13.7	6.9	6.9
37.5°	130.2	102.8	68.5	48.0	34.3	20.6	20.6	13.7	13.7	6.9	6.9
35°	150.8	116.5	89.1	54.8	41.1	27.4	20.6	13.7	13.7	6.9	6.9
32.5°	171.3	137.1	109.7	68.5	48.0	34.3	27.4	13.7	13.7	6.9	6.9
30°	191.9	157.6	123.4	89.1	61.7	41.1	27.4	13.7	13.7	6.9	6.9
27.5°	212.5	171.3	137.1	102.8	68.5	48.0	34.3	20.6	13.7	6.9	6.9
25°	233.0	191.9	150.8	116.5	75.4	54.8	34.3	20.6	13.7	13.7	6.9
22.5°	246.7	212.5	171.3	130.2	89.1	61.7	41.1	27.4	13.7	13.7	6.9
20°	267.3	233.0	185.1	143.9	102.8	68.5	41.1	27.4	13.7	13.7	6.9
17.5°	287.9	246.7	198.8	157.6	116.5	75.4	48.0	34.3	13.7	13.7	6.9
15°	308.4	260.4	212.5	164.5	123.4	82.2	48.0	34.3	13.7	13.7	6.9
12.5°	329.0	281.0	226.2	178.2	130.2	89.1	54.8	41.1	20.6	13.7	6.9
10°	342.7	294.7	239.9	185.1	137.1	102.8	61.7	41.1	20.6	13.7	6.9
7.5°	363.2	308.4	253.6	198.8	143.9	109.7	68.5	41.1	20.6	13.7	6.9
5°	370.1	322.1	260.4	212.5	150.8	116.5	75.4	48.0	20.6	13.7	6.9
2.5°	377.0	335.8	267.3	219.3	157.6	116.5	75.4	48.0	27.4	13.7	6.9
0°	383.8	342.7	274.1	226.2	164.5	123.4	82.2	48.0	27.4	13.7	6.9
-2.5°	390.7	349.5	287.9	233.0	171.3	130.2	89.1	48.0	27.4	13.7	6.9
-5°	397.5	349.5	301.6	239.9	178.2	130.2	89.1	54.8	34.3	13.7	6.9
-7.5°	404.4	356.4	308.4	246.7	185.1	130.2	96.0	54.8	34.3	20.6	6.9
-10°	411.2	363.2	315.3	253.6	185.1	137.1	96.0	54.8	34.3	20.6	6.9
-12.5°	418.1	370.1	315.3	253.6	191.9	137.1	96.0	61.7	34.3	20.6	6.9
-15°	424.9	370.1	315.3	253.6	191.9	143.9	102.8	61.7	34.3	20.6	13.7
-17.5°	424.9	370.1	315.3	260.4	191.9	143.9	102.8	61.7	34.3	20.6	13.7
-20°	424.9	370.1	315.3	260.4	191.9	143.9	102.8	61.7	34.3	20.6	13.7



REPORT NUMBER: P724241
 CATALOG NUMBER: IFLD-L-SA8D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	418.1	363.2	315.3	253.6	191.9	143.9	102.8	61.7	41.1	20.6	13.7
-25°	418.1	363.2	315.3	253.6	191.9	143.9	96.0	61.7	41.1	20.6	13.7
-27.5°	411.2	363.2	308.4	246.7	185.1	137.1	96.0	61.7	41.1	20.6	13.7
-30°	404.4	356.4	301.6	239.9	185.1	137.1	96.0	61.7	41.1	20.6	13.7
-32.5°	397.5	342.7	294.7	233.0	178.2	130.2	96.0	61.7	41.1	20.6	13.7
-35°	383.8	335.8	281.0	226.2	171.3	130.2	89.1	61.7	41.1	27.4	13.7
-37.5°	370.1	322.1	274.1	219.3	164.5	123.4	89.1	61.7	41.1	27.4	13.7
-40°	356.4	315.3	260.4	205.6	157.6	116.5	89.1	61.7	41.1	27.4	20.6
-42.5°	342.7	301.6	253.6	198.8	157.6	116.5	82.2	61.7	41.1	27.4	20.6
-45°	335.8	294.7	239.9	191.9	150.8	116.5	82.2	54.8	41.1	27.4	20.6
-47.5°	322.1	274.1	226.2	185.1	143.9	109.7	75.4	54.8	41.1	27.4	20.6
-50°	301.6	260.4	219.3	178.2	137.1	102.8	75.4	54.8	41.1	27.4	20.6
-52.5°	281.0	239.9	205.6	164.5	130.2	102.8	75.4	54.8	41.1	27.4	20.6
-55°	260.4	226.2	191.9	157.6	123.4	96.0	68.5	54.8	41.1	27.4	20.6
-57.5°	246.7	212.5	178.2	143.9	116.5	89.1	68.5	48.0	34.3	27.4	20.6
-60°	233.0	198.8	164.5	137.1	109.7	89.1	68.5	48.0	34.3	27.4	13.7
-62.5°	212.5	185.1	150.8	130.2	102.8	82.2	61.7	48.0	34.3	27.4	13.7
-65°	191.9	164.5	137.1	116.5	96.0	75.4	61.7	48.0	34.3	27.4	13.7
-67.5°	171.3	150.8	130.2	109.7	89.1	75.4	61.7	48.0	34.3	20.6	13.7
-70°	157.6	137.1	116.5	102.8	89.1	68.5	61.7	48.0	34.3	20.6	13.7
-72.5°	137.1	123.4	109.7	96.0	82.2	75.4	61.7	48.0	27.4	20.6	13.7
-75°	130.2	116.5	102.8	96.0	89.1	75.4	61.7	41.1	27.4	20.6	13.7
-77.5°	130.2	116.5	109.7	102.8	89.1	75.4	54.8	34.3	20.6	20.6	13.7
-80°	130.2	123.4	116.5	96.0	82.2	61.7	41.1	34.3	20.6	13.7	6.9
-82.5°	116.5	96.0	82.2	68.5	61.7	48.0	34.3	27.4	13.7	13.7	6.9
-85°	75.4	61.7	54.8	48.0	41.1	34.3	20.6	13.7	13.7	6.9	6.9
-87.5°	34.3	34.3	27.4	20.6	20.6	13.7	13.7	6.9	6.9	6.9	0.0
-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: P724241
 CATALOG NUMBER: IFLD-L-SA8D-827-U-22-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°	0.0	0.0	0.0	0.0
80°	6.9	0.0	0.0	0.0
77.5°	6.9	0.0	0.0	0.0
75°	6.9	6.9	0.0	0.0
72.5°	6.9	6.9	0.0	0.0
70°	6.9	6.9	0.0	0.0
67.5°	6.9	6.9	0.0	0.0
65°	6.9	6.9	0.0	0.0
62.5°	6.9	6.9	0.0	0.0
60°	6.9	6.9	0.0	0.0
57.5°	6.9	6.9	6.9	0.0
55°	6.9	6.9	6.9	0.0
52.5°	6.9	6.9	6.9	0.0
50°	6.9	6.9	6.9	0.0
47.5°	6.9	6.9	6.9	0.0
45°	6.9	6.9	6.9	0.0
42.5°	6.9	6.9	6.9	0.0
40°	6.9	6.9	6.9	0.0
37.5°	6.9	6.9	6.9	0.0
35°	6.9	6.9	6.9	0.0
32.5°	6.9	6.9	6.9	0.0
30°	6.9	6.9	6.9	0.0
27.5°	6.9	6.9	6.9	0.0
25°	6.9	6.9	6.9	0.0
22.5°	6.9	6.9	6.9	0.0
20°	6.9	6.9	6.9	0.0
17.5°	6.9	6.9	6.9	0.0
15°	6.9	6.9	6.9	0.0
12.5°	6.9	6.9	6.9	0.0
10°	6.9	6.9	6.9	0.0
7.5°	6.9	6.9	6.9	0.0
5°	6.9	6.9	6.9	0.0
2.5°	6.9	6.9	6.9	0.0
0°	6.9	6.9	6.9	0.0
-2.5°	6.9	6.9	6.9	0.0
-5°	6.9	6.9	6.9	0.0
-7.5°	6.9	6.9	6.9	0.0
-10°	6.9	6.9	6.9	0.0
-12.5°	6.9	6.9	6.9	0.0
-15°	6.9	6.9	6.9	0.0
-17.5°	6.9	6.9	6.9	0.0
-20°	6.9	6.9	6.9	0.0



REPORT NUMBER: P724241

CATALOG NUMBER: IFLD-L-SA8D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.9	6.9	6.9	0.0
-25°	6.9	6.9	6.9	0.0
-27.5°	6.9	6.9	6.9	0.0
-30°	6.9	6.9	6.9	0.0
-32.5°	6.9	6.9	6.9	0.0
-35°	6.9	6.9	6.9	0.0
-37.5°	6.9	6.9	6.9	0.0
-40°	6.9	6.9	6.9	0.0
-42.5°	6.9	6.9	6.9	0.0
-45°	6.9	6.9	6.9	0.0
-47.5°	6.9	6.9	6.9	0.0
-50°	6.9	6.9	6.9	0.0
-52.5°	6.9	6.9	6.9	0.0
-55°	6.9	6.9	6.9	0.0
-57.5°	6.9	6.9	6.9	0.0
-60°	6.9	6.9	0.0	0.0
-62.5°	6.9	6.9	0.0	0.0
-65°	6.9	6.9	0.0	0.0
-67.5°	6.9	6.9	0.0	0.0
-70°	6.9	6.9	0.0	0.0
-72.5°	6.9	6.9	0.0	0.0
-75°	6.9	6.9	0.0	0.0
-77.5°	6.9	0.0	0.0	0.0
-80°	6.9	0.0	0.0	0.0
-82.5°	6.9	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)