

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: P724038

Luminaire Tested: **IFLD-L-SA8D-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724038
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

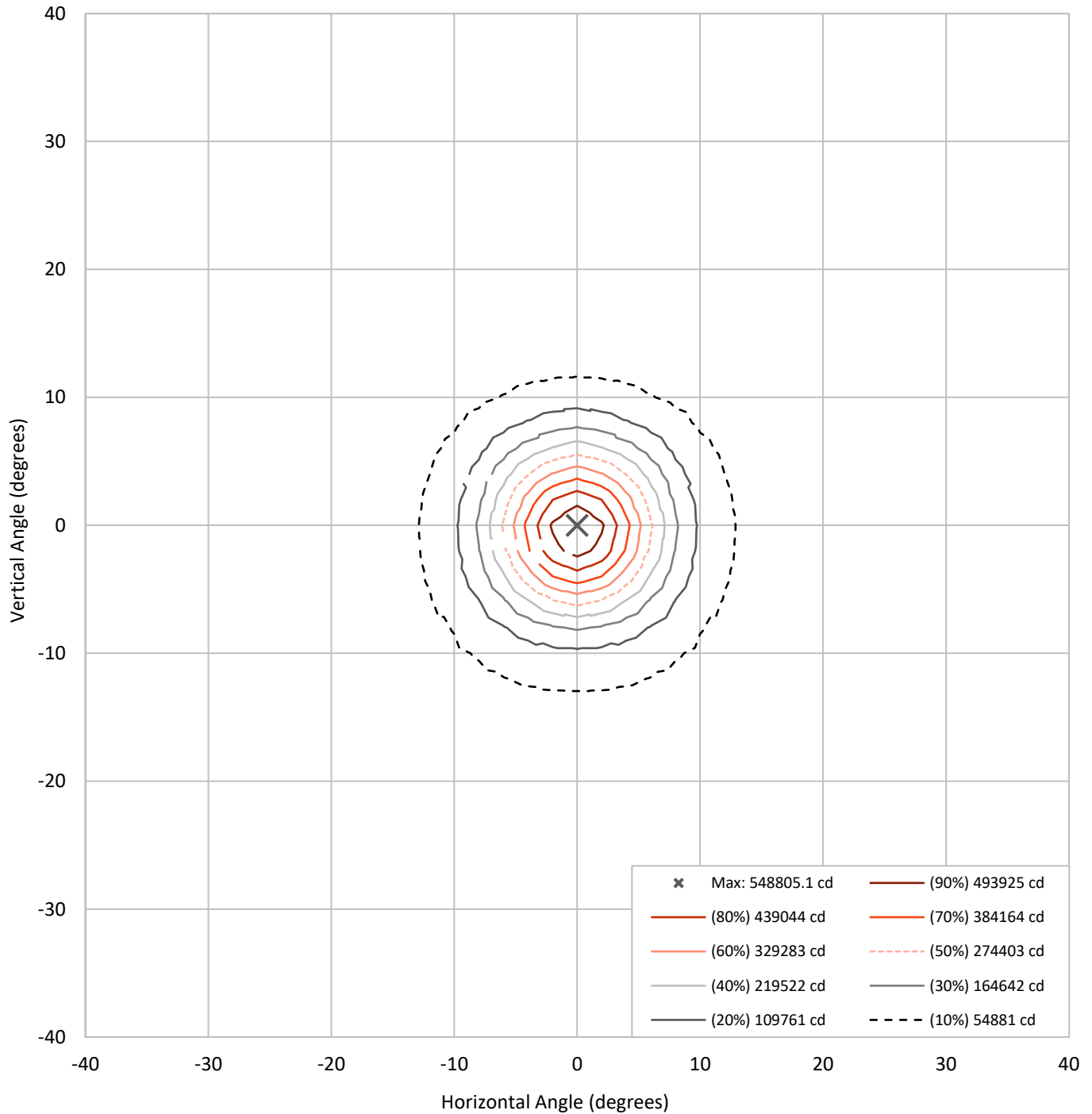
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	38334.3 lumens	Max Intensity:	548805.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	11992.7 lumens	Field Lumens:	27287.8 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





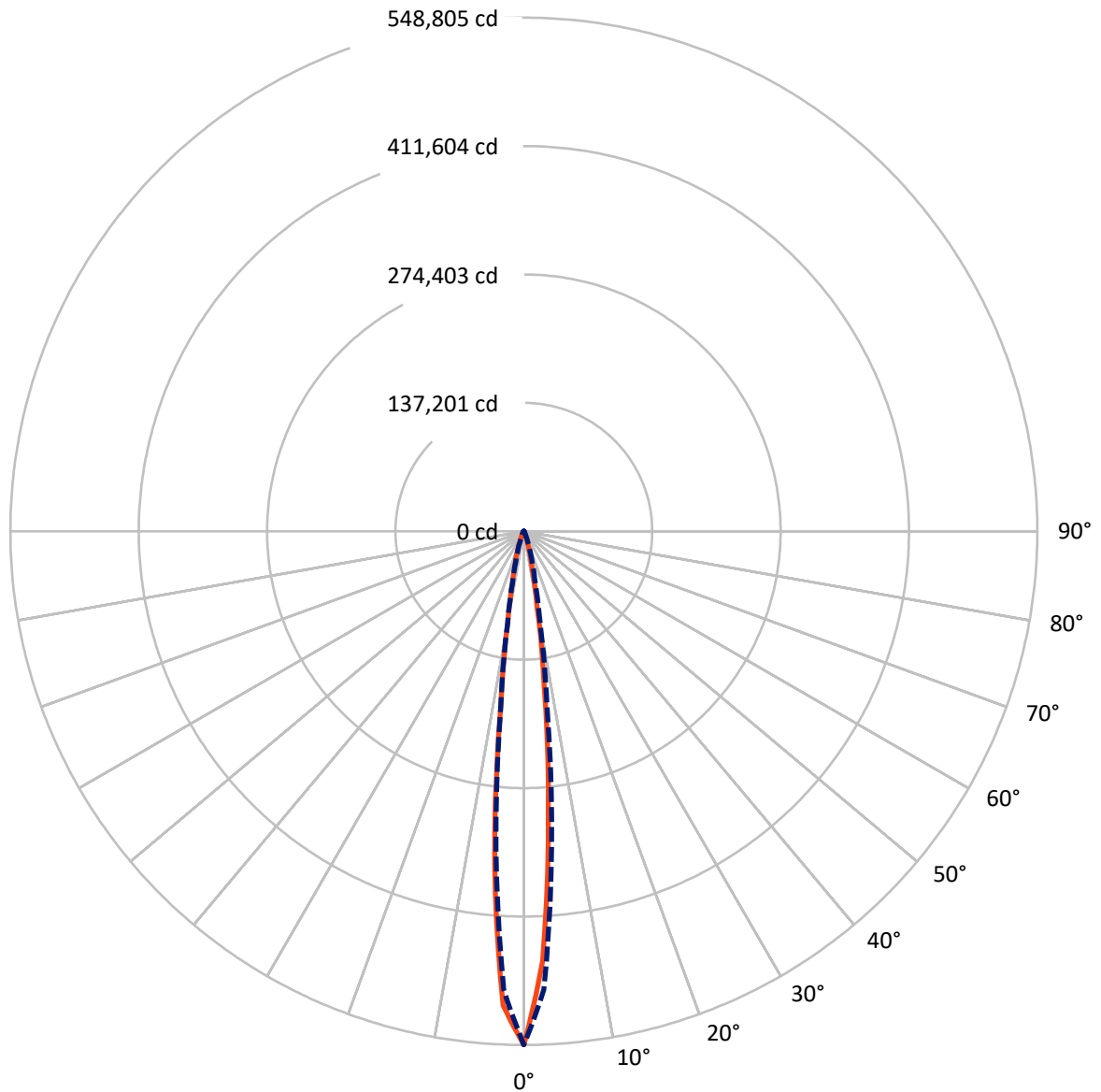
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Lumen Table

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	5.5	7.7	10.2	12.0	12.0	10.2	7.7	5.5	3.1	1.2	0.3	0.2			
40		0.6	2.7	5.8	9.8	15.4	23.3	27.9	27.9	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	51.1	82.5	82.5	51.1	26.5	15.4	8.4	4.1	1.2	0.4			
20		1.7	5.5	11.5	23.3	57.8	302.0	764.1	764.1	302.0	57.8	23.3	11.5	5.5	1.7				
10	0.6	2.1	6.6	13.6	28.5	117.4	972.7	5994.1	5994.1	972.7	117.4	28.5	13.6	6.6	2.1	0.6			
0		2.5	7.1	14.4	29.7	133.8	1070.4	6601.1	6601.1	1070.4	133.8	29.7	14.4	7.1	2.5				
-10	0.8	2.6	7.4	14.2	27.8	80.2	480.4	1157.7	1157.7	480.4	80.2	27.8	14.2	7.4	2.6	0.8			
-20		2.6	7.4	13.5	23.6	40.9	99.3	186.5	186.5	99.3	40.9	23.6	13.5	7.4	2.6				
-30	0.8	2.4	6.8	12.5	19.6	29.0	41.0	48.1	48.1	41.0	29.0	19.6	12.5	6.8	2.4	0.8			
-40		2.0	5.9	11.2	17.1	22.5	28.5	31.7	31.7	28.5	22.5	17.1	11.2	5.9	2.0				
-50	0.7	1.7	4.7	9.5	14.9	19.7	24.2	26.4	26.4	24.2	19.7	14.9	9.5	4.7	1.7	0.7			
-60		1.3	3.4	6.9	11.4	15.7	19.8	22.0	22.0	19.8	15.7	11.4	6.9	3.4	1.3				
-70	0.4	1.7	4.7	9.5	14.9	19.7	24.2	26.4	26.4	24.2	19.7	14.9	9.5	4.7	1.7	0.4			
-80		1.3	3.4	6.9	11.4	15.7	19.8	22.0	22.0	19.8	15.7	11.4	6.9	3.4	1.3				
-90	0.4	5.2		14.3		26.5		31.9		26.5		14.3		5.2		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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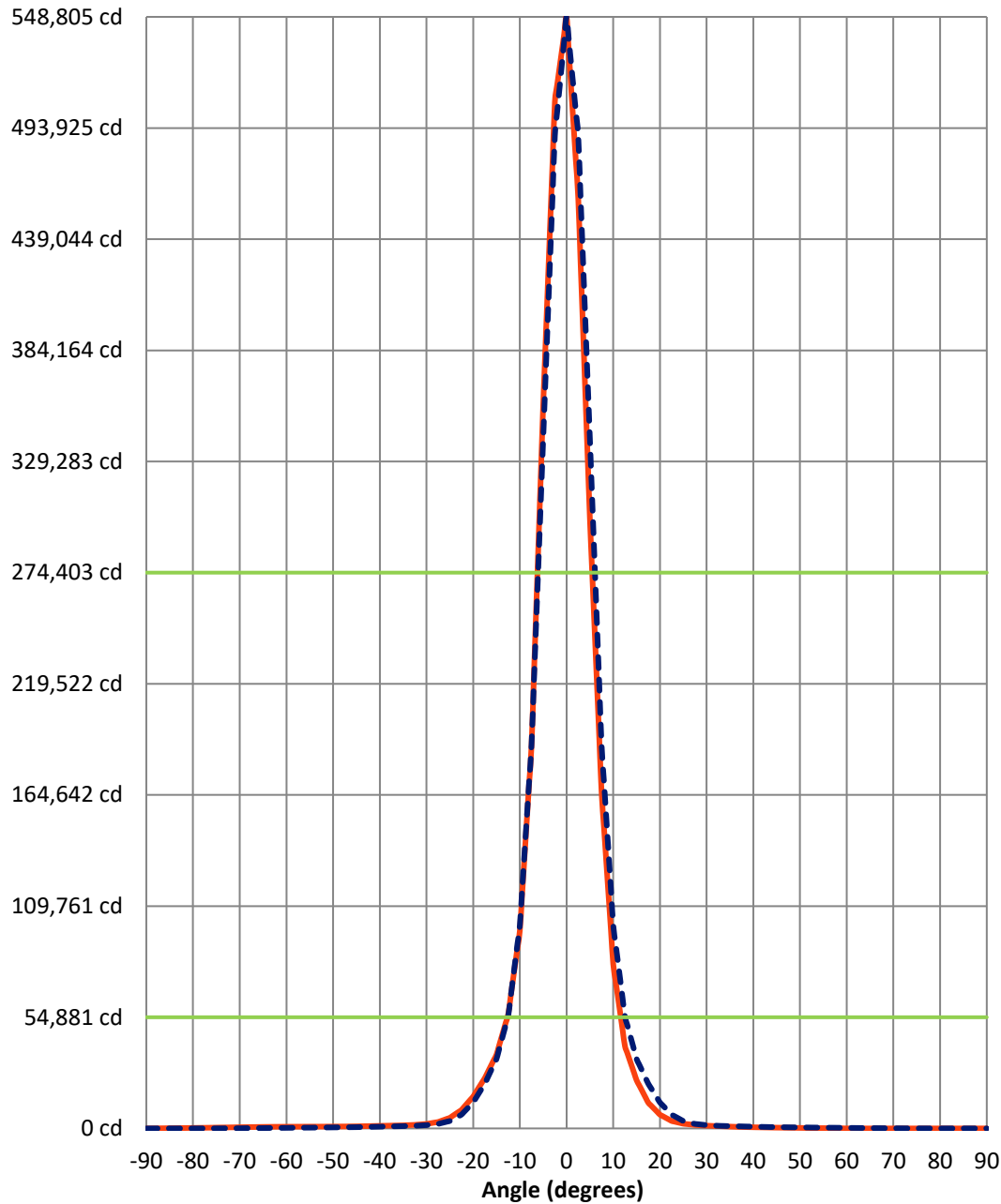
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 11992.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 27287.8
Efficiency: 71.2%

Spill:
Lumens: 11046.5
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	27.5	27.5	27.5	13.7	27.5
57.5°	109.9	109.9	103.0	96.1	89.3	82.4	82.4	82.4	82.4	82.4	68.7
55°	151.1	151.1	151.1	144.2	144.2	137.4	130.5	123.6	123.6	116.8	109.9
52.5°	178.6	178.6	178.6	178.6	171.7	171.7	171.7	164.8	151.1	151.1	144.2
50°	254.1	247.2	247.2	247.2	247.2	233.5	226.6	212.9	206.0	199.2	192.3
47.5°	329.6	329.6	322.8	322.8	315.9	302.2	288.4	274.7	261.0	254.1	240.4
45°	391.5	391.5	384.6	384.6	377.7	364.0	343.4	322.8	309.0	295.3	281.6
42.5°	480.7	473.9	467.0	460.1	446.4	425.8	398.3	370.9	350.3	329.6	315.9
40°	576.9	576.9	570.0	563.2	542.5	521.9	487.6	453.3	418.9	377.7	357.1
37.5°	693.6	700.5	707.4	707.4	693.6	666.2	618.1	576.9	521.9	467.0	439.5
35°	906.5	906.5	920.3	920.3	899.7	865.3	831.0	741.7	673.0	604.4	542.5
32.5°	1140.0	1146.9	1119.4	1098.8	1071.4	1030.2	968.3	892.8	817.3	728.0	659.3
30°	1366.7	1366.7	1332.3	1291.1	1236.2	1167.5	1092.0	1009.6	920.3	831.0	748.6
27.5°	1723.8	1689.5	1662.0	1593.3	1497.2	1366.7	1270.5	1140.0	1023.3	920.3	831.0
25°	2314.4	2307.5	2245.7	2129.0	1936.7	1730.7	1572.7	1352.9	1174.4	1016.4	913.4
22.5°	3681.1	3633.0	3488.8	3200.3	2747.1	2390.0	2067.2	1723.8	1401.0	1188.1	1023.3
20°	6805.9	6647.9	6263.3	5466.7	4450.3	3749.8	2946.2	2369.4	1826.8	1428.5	1181.2
17.5°	12698.4	12595.4	12451.1	10610.6	8543.4	7060.0	5253.8	3633.0	2596.0	1868.0	1401.0
15°	23803.5	23041.1	21447.8	19243.3	16352.0	12636.6	9292.0	5865.0	3708.6	2486.1	1778.7
12.5°	40691.1	39846.4	35732.7	30217.9	25019.0	19730.9	13852.2	8914.3	5281.3	3159.1	2108.4
10°	81080.1	74947.2	63430.1	47339.1	36948.2	27553.2	19449.3	12162.7	6874.6	3990.1	2499.8
7.5°	166067.9	146028.0	112527.3	79438.7	51418.5	36137.9	24840.5	15905.6	9161.5	4992.8	2857.0
5°	300990.8	265436.7	199973.8	120411.4	74665.7	45292.5	29476.2	18913.7	10844.1	5810.1	3214.1
2.5°	459593.6	413600.6	289109.7	165573.5	92068.4	52380.0	32717.7	20891.6	11915.5	6366.4	3488.8
0°	548805.1	490223.5	340473.3	189562.4	100357.8	55388.0	34304.2	22079.7	12822.0	6819.6	3667.4
-2.5°	506960.1	459799.6	312899.4	176087.9	95900.6	54069.4	34530.8	22375.0	12973.1	6943.2	3749.8
-5°	357306.0	318599.6	216504.4	129943.8	81368.6	49804.6	32580.4	21262.4	12554.2	6764.7	3715.4
-7.5°	189033.5	171520.9	128398.6	93373.3	59391.9	42154.0	29332.0	19291.4	11469.1	6283.9	3509.4
-10°	97665.6	94073.8	81066.4	61108.8	48060.2	35313.7	25032.8	16496.2	9587.3	5411.8	3159.1
-12.5°	56308.3	55697.1	51514.6	44221.1	36852.1	29009.2	20541.3	13453.8	8000.9	4484.6	2664.7
-15°	36460.6	36721.6	35265.7	32230.1	28034.0	21708.8	15782.0	10006.2	5920.0	3633.0	2348.8
-17.5°	24881.7	24813.0	24133.1	22052.2	18673.3	14662.5	10459.5	7066.9	4484.6	2829.5	1950.4
-20°	15740.8	15768.2	15136.4	13701.1	11215.0	9037.9	6510.6	4766.2	3179.7	2225.1	1723.8



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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°	9134.0	9154.6	8756.3	7945.9	6641.1	5356.8	4230.5	3152.3	2341.9	1854.3	1510.9
-25°	5246.9	5164.5	5006.6	4615.1	4003.9	3303.4	2808.9	2218.3	1874.9	1572.7	1380.4
-27.5°	3179.7	3124.8	3042.4	2870.7	2630.3	2280.1	2053.4	1792.5	1593.3	1414.7	1298.0
-30°	2218.3	2238.9	2170.2	2080.9	1971.0	1813.1	1689.5	1565.8	1435.4	1325.5	1215.6
-32.5°	1765.0	1778.7	1744.4	1710.1	1655.1	1593.3	1517.8	1428.5	1325.5	1222.5	1119.4
-35°	1517.8	1524.6	1524.6	1517.8	1504.0	1456.0	1401.0	1318.6	1222.5	1126.3	1037.0
-37.5°	1394.1	1401.0	1401.0	1394.1	1373.5	1332.3	1277.4	1208.7	1119.4	1030.2	961.5
-40°	1263.7	1270.5	1263.7	1249.9	1229.3	1188.1	1146.9	1092.0	1023.3	947.7	885.9
-42.5°	1140.0	1133.2	1126.3	1112.6	1092.0	1064.5	1030.2	988.9	940.9	885.9	837.9
-45°	1023.3	1023.3	1016.4	1009.6	995.8	975.2	954.6	920.3	885.9	844.7	803.5
-47.5°	961.5	961.5	954.6	947.7	940.9	927.1	906.5	879.1	851.6	817.3	782.9
-50°	920.3	920.3	920.3	913.4	906.5	892.8	872.2	851.6	824.1	789.8	755.4
-52.5°	892.8	892.8	892.8	885.9	879.1	872.2	851.6	824.1	789.8	762.3	734.8
-55°	879.1	872.2	872.2	865.3	858.5	851.6	824.1	796.7	769.2	741.7	714.2
-57.5°	858.5	851.6	851.6	844.7	837.9	831.0	803.5	776.1	748.6	714.2	693.6
-60°	837.9	831.0	831.0	817.3	810.4	803.5	776.1	748.6	721.1	693.6	666.2
-62.5°	810.4	803.5	796.7	789.8	776.1	762.3	741.7	714.2	679.9	652.4	625.0
-65°	748.6	741.7	734.8	728.0	721.1	714.2	693.6	659.3	631.8	604.4	576.9
-67.5°	673.0	673.0	673.0	659.3	652.4	638.7	625.0	597.5	570.0	542.5	521.9
-70°	583.8	583.8	583.8	570.0	563.2	556.3	535.7	515.1	494.5	473.9	446.4
-72.5°	494.5	487.6	487.6	480.7	467.0	460.1	446.4	432.7	412.1	398.3	377.7
-75°	405.2	398.3	398.3	391.5	384.6	377.7	364.0	357.1	343.4	329.6	309.0
-77.5°	322.8	322.8	322.8	315.9	309.0	302.2	295.3	288.4	281.6	267.8	254.1
-80°	247.2	247.2	247.2	247.2	247.2	247.2	247.2	240.4	226.6	219.8	212.9
-82.5°	178.6	185.4	185.4	185.4	185.4	185.4	185.4	185.4	178.6	171.7	164.8
-85°	116.8	123.6	123.6	130.5	137.4	137.4	144.2	137.4	130.5	116.8	109.9
-87.5°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	54.9	54.9	54.9	48.1
-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°	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	27.5	27.5	27.5	27.5
82.5°	13.7	20.6	20.6	20.6	27.5	27.5	34.3	41.2	54.9	61.8	61.8
80°	13.7	20.6	20.6	20.6	27.5	27.5	34.3	34.3	41.2	48.1	61.8
77.5°	13.7	13.7	20.6	20.6	20.6	27.5	27.5	34.3	34.3	41.2	48.1
75°	6.9	13.7	13.7	13.7	20.6	20.6	27.5	27.5	34.3	34.3	41.2
72.5°	6.9	13.7	13.7	13.7	20.6	20.6	27.5	27.5	27.5	34.3	34.3
70°	6.9	13.7	13.7	13.7	13.7	20.6	20.6	20.6	27.5	27.5	27.5
67.5°	6.9	6.9	6.9	13.7	13.7	13.7	13.7	20.6	20.6	20.6	27.5
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°	27.5	27.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
57.5°	61.8	61.8	54.9	48.1	41.2	41.2	34.3	27.5	27.5	20.6	20.6
55°	103.0	96.1	89.3	75.5	68.7	61.8	54.9	41.2	34.3	27.5	20.6
52.5°	130.5	123.6	116.8	109.9	96.1	82.4	75.5	68.7	54.9	41.2	34.3
50°	192.3	171.7	158.0	144.2	130.5	116.8	103.0	96.1	75.5	61.8	48.1
47.5°	233.5	219.8	199.2	185.4	171.7	151.1	130.5	116.8	103.0	82.4	61.8
45°	267.8	254.1	233.5	219.8	206.0	185.4	164.8	144.2	130.5	109.9	82.4
42.5°	302.2	288.4	267.8	254.1	233.5	212.9	192.3	171.7	151.1	137.4	109.9
40°	350.3	329.6	302.2	288.4	274.7	247.2	219.8	199.2	178.6	158.0	130.5
37.5°	412.1	391.5	357.1	329.6	309.0	288.4	261.0	233.5	212.9	185.4	158.0
35°	508.2	473.9	425.8	384.6	357.1	329.6	295.3	267.8	240.4	212.9	185.4
32.5°	604.4	549.4	487.6	439.5	398.3	364.0	329.6	302.2	267.8	233.5	206.0
30°	679.9	618.1	556.3	487.6	439.5	398.3	364.0	329.6	295.3	261.0	226.6
27.5°	755.4	686.8	618.1	549.4	480.7	425.8	391.5	357.1	322.8	288.4	247.2
25°	831.0	755.4	686.8	611.2	528.8	467.0	418.9	391.5	357.1	315.9	267.8
22.5°	899.7	831.0	762.3	679.9	583.8	501.3	453.3	418.9	384.6	336.5	295.3
20°	1030.2	940.9	858.5	755.4	645.6	563.2	501.3	453.3	412.1	364.0	315.9
17.5°	1201.8	1071.4	961.5	844.7	734.8	631.8	542.5	487.6	446.4	391.5	336.5
15°	1421.6	1195.0	1057.6	940.9	810.4	693.6	597.5	521.9	467.0	412.1	364.0
12.5°	1586.4	1291.1	1140.0	1030.2	892.8	762.3	638.7	549.4	487.6	432.7	377.7
10°	1771.9	1394.1	1208.7	1085.1	940.9	796.7	666.2	570.0	501.3	453.3	398.3
7.5°	1923.0	1476.6	1243.1	1105.7	968.3	824.1	693.6	590.6	521.9	467.0	412.1
5°	2060.3	1545.2	1270.5	1112.6	982.1	844.7	707.4	604.4	535.7	480.7	425.8
2.5°	2156.5	1607.0	1298.0	1126.3	995.8	858.5	728.0	618.1	549.4	494.5	439.5
0°	2238.9	1627.6	1291.1	1126.3	1002.7	858.5	734.8	625.0	556.3	501.3	446.4
-2.5°	2266.3	1662.0	1325.5	1140.0	1016.4	872.2	748.6	631.8	563.2	508.2	460.1
-5°	2266.3	1634.5	1325.5	1153.8	1023.3	879.1	748.6	638.7	570.0	515.1	460.1
-7.5°	2183.9	1593.3	1318.6	1167.5	1030.2	885.9	748.6	645.6	576.9	521.9	467.0
-10°	2039.7	1531.5	1311.7	1174.4	1030.2	879.1	748.6	645.6	576.9	521.9	473.9
-12.5°	1806.2	1449.1	1277.4	1160.6	1016.4	865.3	741.7	645.6	576.9	528.8	473.9
-15°	1689.5	1380.4	1236.2	1119.4	982.1	844.7	728.0	638.7	576.9	528.8	480.7
-17.5°	1531.5	1325.5	1195.0	1078.2	954.6	824.1	714.2	638.7	576.9	521.9	480.7
-20°	1421.6	1263.7	1146.9	1043.9	920.3	803.5	707.4	631.8	576.9	521.9	480.7



REPORT NUMBER: P724038
 CATALOG NUMBER: IFLD-L-SA8D-722-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°	1325.5	1195.0	1092.0	988.9	879.1	776.1	693.6	625.0	570.0	521.9	480.7
-25°	1249.9	1133.2	1037.0	940.9	844.7	755.4	679.9	618.1	563.2	521.9	473.9
-27.5°	1181.2	1071.4	982.1	892.8	803.5	734.8	666.2	611.2	563.2	515.1	467.0
-30°	1105.7	1016.4	927.1	844.7	782.9	714.2	652.4	597.5	556.3	508.2	460.1
-32.5°	1030.2	947.7	872.2	810.4	755.4	700.5	645.6	590.6	542.5	494.5	446.4
-35°	961.5	885.9	831.0	776.1	734.8	686.8	631.8	576.9	535.7	487.6	446.4
-37.5°	892.8	837.9	789.8	748.6	707.4	666.2	611.2	563.2	521.9	473.9	425.8
-40°	837.9	796.7	762.3	728.0	686.8	638.7	597.5	549.4	508.2	460.1	405.2
-42.5°	803.5	769.2	734.8	700.5	666.2	625.0	583.8	535.7	494.5	446.4	391.5
-45°	769.2	741.7	714.2	686.8	652.4	611.2	563.2	515.1	473.9	425.8	384.6
-47.5°	748.6	721.1	693.6	673.0	645.6	590.6	549.4	501.3	453.3	412.1	364.0
-50°	728.0	700.5	679.9	652.4	618.1	570.0	528.8	480.7	439.5	391.5	350.3
-52.5°	707.4	679.9	652.4	625.0	590.6	549.4	508.2	467.0	418.9	370.9	329.6
-55°	686.8	659.3	631.8	604.4	570.0	535.7	494.5	439.5	391.5	343.4	302.2
-57.5°	666.2	645.6	611.2	576.9	542.5	508.2	460.1	412.1	364.0	315.9	281.6
-60°	638.7	611.2	583.8	542.5	508.2	467.0	425.8	384.6	336.5	295.3	261.0
-62.5°	597.5	570.0	542.5	501.3	467.0	432.7	398.3	350.3	315.9	274.7	240.4
-65°	549.4	521.9	494.5	460.1	425.8	391.5	364.0	322.8	288.4	254.1	226.6
-67.5°	494.5	467.0	446.4	412.1	384.6	350.3	322.8	288.4	254.1	226.6	199.2
-70°	425.8	405.2	384.6	357.1	329.6	302.2	274.7	247.2	219.8	199.2	171.7
-72.5°	364.0	343.4	322.8	302.2	281.6	254.1	233.5	212.9	192.3	171.7	158.0
-75°	295.3	281.6	267.8	254.1	233.5	212.9	199.2	178.6	164.8	151.1	144.2
-77.5°	247.2	233.5	219.8	206.0	192.3	178.6	164.8	151.1	144.2	137.4	130.5
-80°	199.2	192.3	185.4	171.7	164.8	151.1	144.2	130.5	130.5	130.5	130.5
-82.5°	158.0	151.1	144.2	137.4	130.5	123.6	123.6	116.8	123.6	123.6	116.8
-85°	109.9	103.0	96.1	96.1	89.3	89.3	82.4	82.4	82.4	75.5	75.5
-87.5°	48.1	48.1	48.1	48.1	41.2	41.2	41.2	41.2	41.2	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: P724038
 CATALOG NUMBER: IFLD-L-SA8D-722-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°	27.5	27.5	20.6	20.6	20.6	13.7	13.7	6.9	6.9	6.9	6.9
82.5°	61.8	54.9	48.1	41.2	34.3	27.5	20.6	13.7	13.7	6.9	6.9
80°	75.5	75.5	75.5	68.7	54.9	41.2	27.5	20.6	13.7	6.9	6.9
77.5°	54.9	54.9	61.8	68.7	68.7	54.9	34.3	20.6	13.7	13.7	6.9
75°	41.2	41.2	41.2	48.1	54.9	54.9	41.2	27.5	13.7	13.7	6.9
72.5°	41.2	41.2	41.2	41.2	41.2	41.2	41.2	27.5	20.6	13.7	13.7
70°	34.3	34.3	34.3	34.3	34.3	34.3	34.3	27.5	20.6	13.7	13.7
67.5°	27.5	27.5	34.3	34.3	34.3	27.5	27.5	27.5	20.6	13.7	13.7
65°	20.6	27.5	27.5	34.3	27.5	27.5	27.5	20.6	20.6	13.7	13.7
62.5°	20.6	20.6	27.5	27.5	27.5	27.5	20.6	20.6	20.6	13.7	13.7
60°	20.6	20.6	20.6	27.5	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°	27.5	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°	48.1	34.3	27.5	20.6	20.6	13.7	13.7	13.7	13.7	13.7	6.9
45°	68.7	48.1	34.3	27.5	20.6	13.7	13.7	13.7	13.7	13.7	6.9
42.5°	82.4	61.8	41.2	34.3	27.5	20.6	13.7	13.7	13.7	6.9	6.9
40°	103.0	82.4	54.9	41.2	27.5	20.6	13.7	13.7	13.7	6.9	6.9
37.5°	130.5	103.0	68.7	48.1	34.3	20.6	20.6	13.7	13.7	6.9	6.9
35°	151.1	116.8	89.3	54.9	41.2	27.5	20.6	13.7	13.7	6.9	6.9
32.5°	171.7	137.4	109.9	68.7	48.1	34.3	27.5	13.7	13.7	6.9	6.9
30°	192.3	158.0	123.6	89.3	61.8	41.2	27.5	13.7	13.7	6.9	6.9
27.5°	212.9	171.7	137.4	103.0	68.7	48.1	34.3	20.6	13.7	6.9	6.9
25°	233.5	192.3	151.1	116.8	75.5	54.9	34.3	20.6	13.7	13.7	6.9
22.5°	247.2	212.9	171.7	130.5	89.3	61.8	41.2	27.5	13.7	13.7	6.9
20°	267.8	233.5	185.4	144.2	103.0	68.7	41.2	27.5	13.7	13.7	6.9
17.5°	288.4	247.2	199.2	158.0	116.8	75.5	48.1	34.3	13.7	13.7	6.9
15°	309.0	261.0	212.9	164.8	123.6	82.4	48.1	34.3	13.7	13.7	6.9
12.5°	329.6	281.6	226.6	178.6	130.5	89.3	54.9	41.2	20.6	13.7	6.9
10°	343.4	295.3	240.4	185.4	137.4	103.0	61.8	41.2	20.6	13.7	6.9
7.5°	364.0	309.0	254.1	199.2	144.2	109.9	68.7	41.2	20.6	13.7	6.9
5°	370.9	322.8	261.0	212.9	151.1	116.8	75.5	48.1	20.6	13.7	6.9
2.5°	377.7	336.5	267.8	219.8	158.0	116.8	75.5	48.1	27.5	13.7	6.9
0°	384.6	343.4	274.7	226.6	164.8	123.6	82.4	48.1	27.5	13.7	6.9
-2.5°	391.5	350.3	288.4	233.5	171.7	130.5	89.3	48.1	27.5	13.7	6.9
-5°	398.3	350.3	302.2	240.4	178.6	130.5	89.3	54.9	34.3	13.7	6.9
-7.5°	405.2	357.1	309.0	247.2	185.4	130.5	96.1	54.9	34.3	20.6	6.9
-10°	412.1	364.0	315.9	254.1	185.4	137.4	96.1	54.9	34.3	20.6	6.9
-12.5°	418.9	370.9	315.9	254.1	192.3	137.4	96.1	61.8	34.3	20.6	6.9
-15°	425.8	370.9	315.9	254.1	192.3	144.2	103.0	61.8	34.3	20.6	13.7
-17.5°	425.8	370.9	315.9	261.0	192.3	144.2	103.0	61.8	34.3	20.6	13.7
-20°	425.8	370.9	315.9	261.0	192.3	144.2	103.0	61.8	34.3	20.6	13.7



REPORT NUMBER: P724038

CATALOG NUMBER: IFLD-L-SA8D-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	418.9	364.0	315.9	254.1	192.3	144.2	103.0	61.8	41.2	20.6	13.7
-25°	418.9	364.0	315.9	254.1	192.3	144.2	96.1	61.8	41.2	20.6	13.7
-27.5°	412.1	364.0	309.0	247.2	185.4	137.4	96.1	61.8	41.2	20.6	13.7
-30°	405.2	357.1	302.2	240.4	185.4	137.4	96.1	61.8	41.2	20.6	13.7
-32.5°	398.3	343.4	295.3	233.5	178.6	130.5	96.1	61.8	41.2	20.6	13.7
-35°	384.6	336.5	281.6	226.6	171.7	130.5	89.3	61.8	41.2	27.5	13.7
-37.5°	370.9	322.8	274.7	219.8	164.8	123.6	89.3	61.8	41.2	27.5	13.7
-40°	357.1	315.9	261.0	206.0	158.0	116.8	89.3	61.8	41.2	27.5	20.6
-42.5°	343.4	302.2	254.1	199.2	158.0	116.8	82.4	61.8	41.2	27.5	20.6
-45°	336.5	295.3	240.4	192.3	151.1	116.8	82.4	54.9	41.2	27.5	20.6
-47.5°	322.8	274.7	226.6	185.4	144.2	109.9	75.5	54.9	41.2	27.5	20.6
-50°	302.2	261.0	219.8	178.6	137.4	103.0	75.5	54.9	41.2	27.5	20.6
-52.5°	281.6	240.4	206.0	164.8	130.5	103.0	75.5	54.9	41.2	27.5	20.6
-55°	261.0	226.6	192.3	158.0	123.6	96.1	68.7	54.9	41.2	27.5	20.6
-57.5°	247.2	212.9	178.6	144.2	116.8	89.3	68.7	48.1	34.3	27.5	20.6
-60°	233.5	199.2	164.8	137.4	109.9	89.3	68.7	48.1	34.3	27.5	13.7
-62.5°	212.9	185.4	151.1	130.5	103.0	82.4	61.8	48.1	34.3	27.5	13.7
-65°	192.3	164.8	137.4	116.8	96.1	75.5	61.8	48.1	34.3	27.5	13.7
-67.5°	171.7	151.1	130.5	109.9	89.3	75.5	61.8	48.1	34.3	20.6	13.7
-70°	158.0	137.4	116.8	103.0	89.3	68.7	61.8	48.1	34.3	20.6	13.7
-72.5°	137.4	123.6	109.9	96.1	82.4	75.5	61.8	48.1	27.5	20.6	13.7
-75°	130.5	116.8	103.0	96.1	89.3	75.5	61.8	41.2	27.5	20.6	13.7
-77.5°	130.5	116.8	109.9	103.0	89.3	75.5	54.9	34.3	20.6	20.6	13.7
-80°	130.5	123.6	116.8	96.1	82.4	61.8	41.2	34.3	20.6	13.7	6.9
-82.5°	116.8	96.1	82.4	68.7	61.8	48.1	34.3	27.5	13.7	13.7	6.9
-85°	75.5	61.8	54.9	48.1	41.2	34.3	20.6	13.7	13.7	6.9	6.9
-87.5°	34.3	34.3	27.5	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: P724038
 CATALOG NUMBER: IFLD-L-SA8D-722-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: P724038

CATALOG NUMBER: IFLD-L-SA8D-722-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)