

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: P724033

Luminaire Tested: **IFLD-L-SA7D-722-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724033
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-722-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

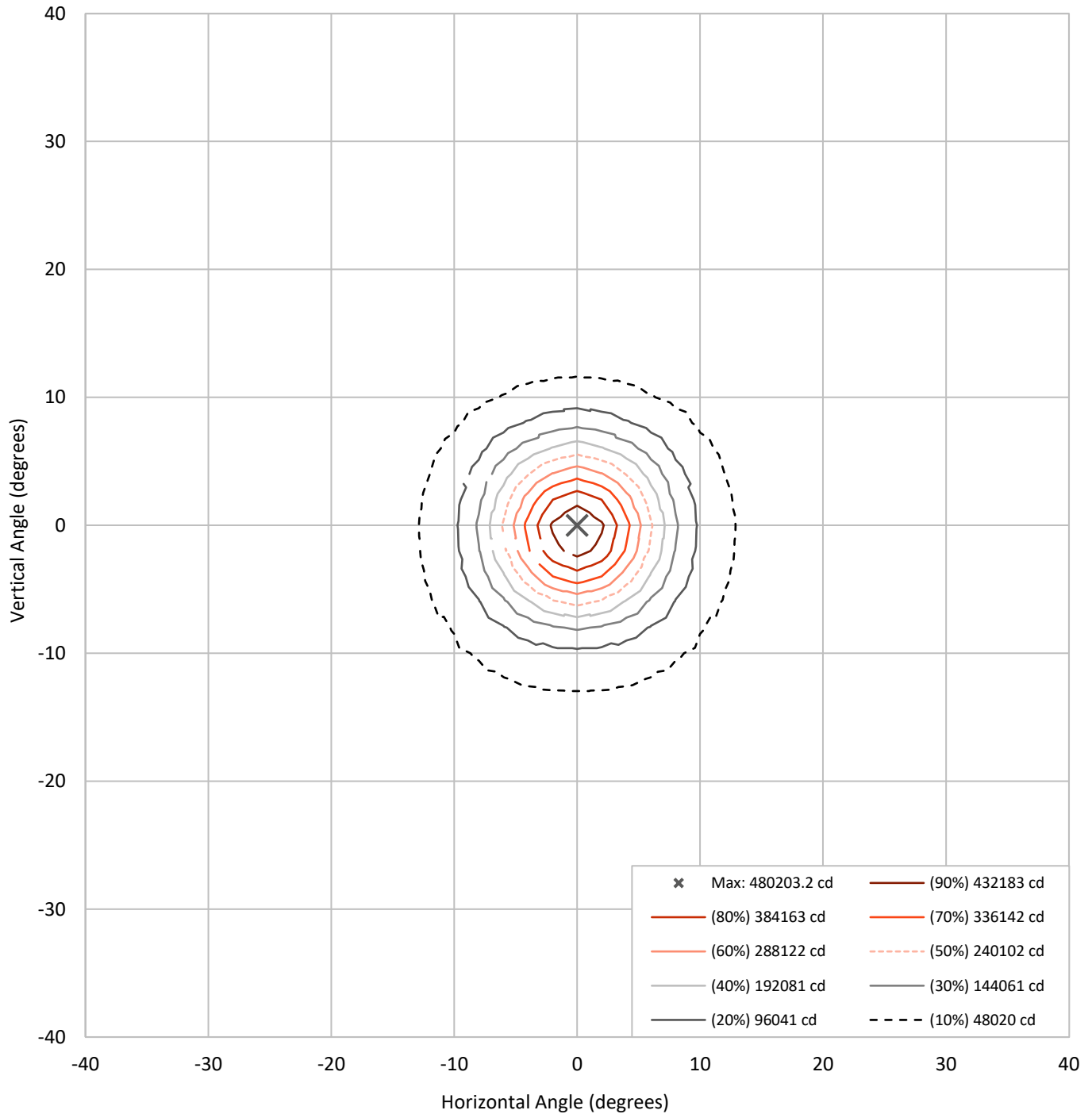
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	33542.4 lumens	Max Intensity:	480203.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10493.6 lumens	Field Lumens:	23876.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 422.6
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





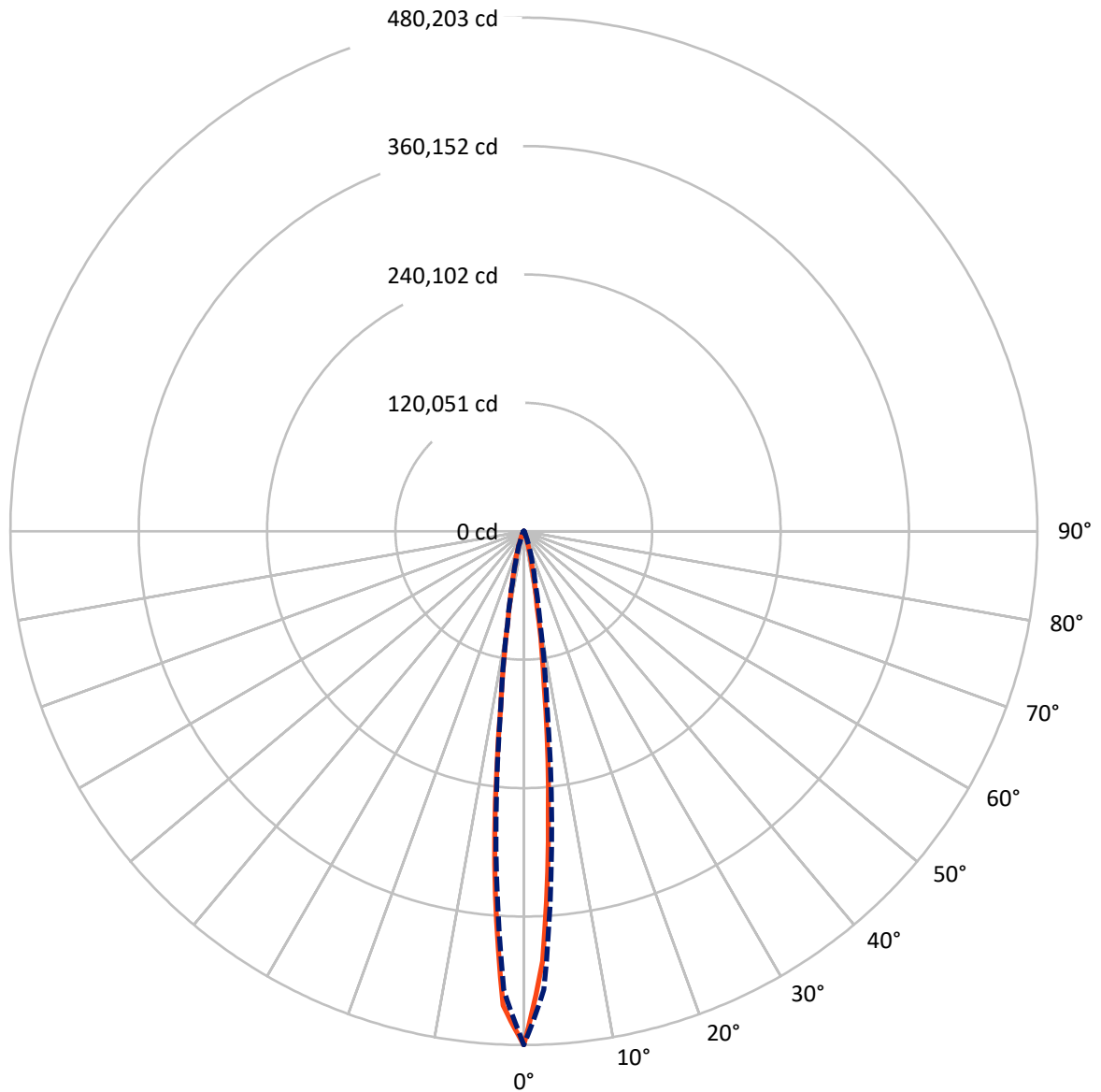
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Lumen Table

90	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2
80	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2
70	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3
60		0.2	0.4	0.9	1.7	2.6	3.3	3.7	3.7	3.3	2.6	1.7	0.9	0.4	0.2	
50	0.2	0.3	1.1	2.8	4.8	6.8	8.9	10.5	10.5	8.9	6.8	4.8	2.8	1.1	0.3	0.2
40		0.5	2.3	5.1	8.6	13.5	20.4	24.4	24.4	20.4	13.5	8.6	5.1	2.3	0.5	
30	0.3	1.0	3.6	7.4	13.5	23.2	44.7	72.2	72.2	44.7	23.2	13.5	7.4	3.6	1.0	0.3
20		1.5	4.8	10.1	20.4	50.6	264.3	668.6	668.6	264.3	50.6	20.4	10.1	4.8	1.5	
10	0.5	1.9	5.7	11.9	24.9	102.8	851.1	5244.8	5244.8	851.1	102.8	24.9	11.9	5.7	1.9	0.5
0		2.2	6.2	12.6	26.0	117.1	936.6	5776.0	5776.0	936.6	117.1	26.0	12.6	6.2	2.2	
-10	0.7	2.3	6.5	12.5	24.4	70.2	420.4	1013.0	1013.0	420.4	70.2	24.4	12.5	6.5	2.3	0.7
-20		2.3	6.4	11.8	20.6	35.8	86.9	163.2	163.2	86.9	35.8	20.6	11.8	6.4	2.3	
-30	0.7	2.1	5.9	11.0	17.1	25.3	35.9	42.1	42.1	35.9	25.3	17.1	11.0	5.9	2.1	0.7
-40		1.8	5.2	9.8	14.9	19.7	24.9	27.7	27.7	24.9	19.7	14.9	9.8	5.2	1.8	
-50	0.6	1.5	4.1	8.3	13.1	17.2	21.2	23.1	23.1	21.2	17.2	13.1	8.3	4.1	1.5	0.6
-60		1.1	3.0	6.1	10.0	13.8	17.3	19.2	19.2	17.3	13.8	10.0	6.1	3.0	1.1	
-70	0.3	4.6		12.6		23.2		27.9		23.2		12.6		4.6		0.3
-80		4.6		12.6		23.2		27.9		23.2		12.6		4.6		
-90	0.3	4.6		12.6		23.2		27.9		23.2		12.6		4.6		0.3

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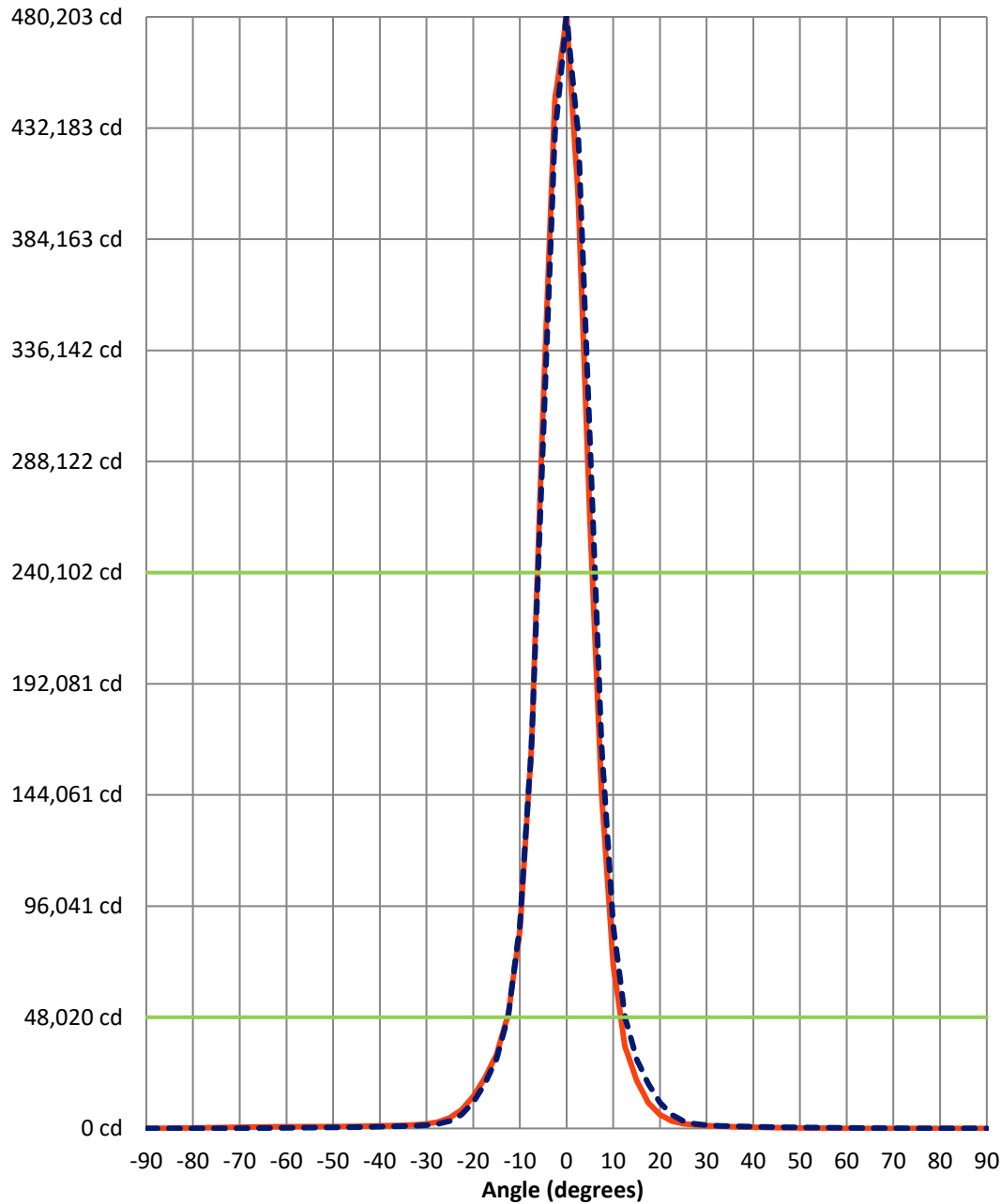
Luminous Intensity Polar Plot



— 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: 10493.6
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 23876.7
 Efficiency: 71.2%

Spill:
 Lumens: 9665.7
 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	6.0	6.0
85°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	12.0	12.0
82.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	12.0	12.0	12.0
80°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	12.0	12.0	12.0
77.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	12.0
75°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
72.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
70°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
67.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
65°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
62.5°	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
60°	12.0	12.0	12.0	12.0	18.0	18.0	24.0	24.0	24.0	12.0	24.0
57.5°	96.1	96.1	90.1	84.1	78.1	72.1	72.1	72.1	72.1	72.1	60.1
55°	132.2	132.2	132.2	126.2	126.2	120.2	114.2	108.2	108.2	102.2	96.1
52.5°	156.2	156.2	156.2	156.2	150.2	150.2	150.2	144.2	132.2	132.2	126.2
50°	222.3	216.3	216.3	216.3	216.3	204.3	198.3	186.3	180.3	174.3	168.3
47.5°	288.4	288.4	282.4	282.4	276.4	264.4	252.4	240.4	228.4	222.3	210.3
45°	342.5	342.5	336.5	336.5	330.5	318.5	300.5	282.4	270.4	258.4	246.4
42.5°	420.6	414.6	408.6	402.6	390.6	372.6	348.5	324.5	306.5	288.4	276.4
40°	504.8	504.8	498.8	492.8	474.7	456.7	426.7	396.6	366.6	330.5	312.5
37.5°	606.9	612.9	619.0	619.0	606.9	582.9	540.8	504.8	456.7	408.6	384.6
35°	793.2	793.2	805.2	805.2	787.2	757.2	727.1	649.0	588.9	528.8	474.7
32.5°	997.5	1003.5	979.5	961.5	937.4	901.4	847.3	781.2	715.1	637.0	576.9
30°	1195.8	1195.8	1165.8	1129.7	1081.7	1021.6	955.5	883.4	805.2	727.1	655.0
27.5°	1508.3	1478.3	1454.2	1394.1	1310.0	1195.8	1111.7	997.5	895.4	805.2	727.1
25°	2025.1	2019.1	1965.0	1862.9	1694.6	1514.3	1376.1	1183.8	1027.6	889.4	799.2
22.5°	3220.9	3178.9	3052.7	2800.3	2403.7	2091.2	1808.8	1508.3	1225.9	1039.6	895.4
20°	5955.1	5816.9	5480.4	4783.3	3894.0	3281.0	2578.0	2073.2	1598.5	1249.9	1033.6
17.5°	11111.1	11020.9	10894.7	9284.3	7475.5	6177.5	4597.1	3178.9	2271.5	1634.5	1225.9
15°	20828.0	20161.0	18766.8	16837.9	14308.0	11057.0	8130.5	5131.9	3245.0	2175.3	1556.4
12.5°	35604.7	34865.5	31266.0	26440.6	21891.6	17264.5	12120.6	7800.0	4621.1	2764.2	1844.8
10°	70944.9	65578.7	55501.2	41421.6	32329.6	24109.0	17018.1	10642.3	6015.2	3491.4	2187.4
7.5°	145309.1	127774.2	98461.2	69508.7	44991.1	31620.5	21735.4	13917.4	8016.3	4368.7	2499.8
5°	263366.3	232256.6	174976.6	105359.8	65332.3	39630.8	25791.6	16549.4	9488.6	5083.8	2812.3
2.5°	402143.4	361899.6	252970.4	144876.4	80559.7	45832.4	28628.0	18280.1	10426.0	5570.6	3052.7
0°	480203.2	428944.5	297913.4	165866.6	87812.8	48464.4	30016.1	19319.7	11219.2	5967.2	3208.9
-2.5°	443589.0	402323.7	273786.3	154076.5	83912.8	47310.6	30214.4	19578.1	11351.4	6075.3	3281.0
-5°	312642.0	278774.0	189440.8	113700.6	71197.3	43578.9	28507.8	18604.6	10984.9	5919.1	3251.0
-7.5°	165403.9	150080.4	112348.5	81701.4	51967.8	36884.6	25665.4	16879.9	10035.4	5498.4	3070.7
-10°	85457.2	82314.4	70932.9	53470.1	42052.6	30899.4	21903.6	14434.2	8388.9	4735.3	2764.2
-12.5°	49269.6	48734.8	45075.2	38693.4	32245.5	25383.0	17973.6	11772.1	7000.7	3924.0	2331.6
-15°	31903.0	32131.3	30857.4	28201.3	24529.7	18995.2	13809.2	8755.4	5180.0	3178.9	2055.2
-17.5°	21771.4	21711.3	21116.4	19295.6	16339.1	12829.7	9152.1	6183.5	3924.0	2475.8	1706.6
-20°	13773.1	13797.2	13244.3	11988.4	9813.1	7908.1	5696.7	4170.4	2782.3	1947.0	1508.3



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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°	7992.3	8010.3	7661.8	6952.7	5810.9	4687.2	3701.7	2758.2	2049.1	1622.5	1322.0
-25°	4591.0	4518.9	4380.7	4038.2	3503.4	2890.4	2457.8	1941.0	1640.5	1376.1	1207.9
-27.5°	2782.3	2734.2	2662.1	2511.9	2301.5	1995.1	1796.8	1568.4	1394.1	1237.9	1135.7
-30°	1941.0	1959.0	1898.9	1820.8	1724.6	1586.4	1478.3	1370.1	1255.9	1159.8	1063.6
-32.5°	1544.4	1556.4	1526.3	1496.3	1448.2	1394.1	1328.0	1249.9	1159.8	1069.6	979.5
-35°	1328.0	1334.0	1334.0	1328.0	1316.0	1274.0	1225.9	1153.8	1069.6	985.5	907.4
-37.5°	1219.9	1225.9	1225.9	1219.9	1201.8	1165.8	1117.7	1057.6	979.5	901.4	841.3
-40°	1105.7	1111.7	1105.7	1093.7	1075.7	1039.6	1003.5	955.5	895.4	829.3	775.2
-42.5°	997.5	991.5	985.5	973.5	955.5	931.4	901.4	865.3	823.3	775.2	733.1
-45°	895.4	895.4	889.4	883.4	871.3	853.3	835.3	805.2	775.2	739.1	703.1
-47.5°	841.3	841.3	835.3	829.3	823.3	811.2	793.2	769.2	745.1	715.1	685.1
-50°	805.2	805.2	805.2	799.2	793.2	781.2	763.2	745.1	721.1	691.1	661.0
-52.5°	781.2	781.2	781.2	775.2	769.2	763.2	745.1	721.1	691.1	667.0	643.0
-55°	769.2	763.2	763.2	757.2	751.2	745.1	721.1	697.1	673.0	649.0	625.0
-57.5°	751.2	745.1	745.1	739.1	733.1	727.1	703.1	679.0	655.0	625.0	606.9
-60°	733.1	727.1	727.1	715.1	709.1	703.1	679.0	655.0	631.0	606.9	582.9
-62.5°	709.1	703.1	697.1	691.1	679.0	667.0	649.0	625.0	594.9	570.9	546.8
-65°	655.0	649.0	643.0	637.0	631.0	625.0	606.9	576.9	552.8	528.8	504.8
-67.5°	588.9	588.9	588.9	576.9	570.9	558.9	546.8	522.8	498.8	474.7	456.7
-70°	510.8	510.8	510.8	498.8	492.8	486.7	468.7	450.7	432.7	414.6	390.6
-72.5°	432.7	426.7	426.7	420.6	408.6	402.6	390.6	378.6	360.6	348.5	330.5
-75°	354.5	348.5	348.5	342.5	336.5	330.5	318.5	312.5	300.5	288.4	270.4
-77.5°	282.4	282.4	282.4	276.4	270.4	264.4	258.4	252.4	246.4	234.4	222.3
-80°	216.3	216.3	216.3	216.3	216.3	216.3	216.3	210.3	198.3	192.3	186.3
-82.5°	156.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	156.2	150.2	144.2
-85°	102.2	108.2	108.2	114.2	120.2	120.2	126.2	120.2	114.2	102.2	96.1
-87.5°	54.1	54.1	54.1	54.1	54.1	54.1	54.1	48.1	48.1	48.1	42.1
-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°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	12.0	12.0	12.0
85°	12.0	12.0	12.0	12.0	18.0	18.0	18.0	24.0	24.0	24.0	24.0
82.5°	12.0	18.0	18.0	18.0	24.0	24.0	30.0	36.1	48.1	54.1	54.1
80°	12.0	18.0	18.0	18.0	24.0	24.0	30.0	30.0	36.1	42.1	54.1
77.5°	12.0	12.0	18.0	18.0	18.0	24.0	24.0	30.0	30.0	36.1	42.1
75°	6.0	12.0	12.0	12.0	18.0	18.0	24.0	24.0	30.0	30.0	36.1
72.5°	6.0	12.0	12.0	12.0	18.0	18.0	24.0	24.0	24.0	30.0	30.0
70°	6.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0	24.0	24.0	24.0
67.5°	6.0	6.0	6.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0	24.0
65°	6.0	6.0	6.0	6.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0
62.5°	6.0	6.0	6.0	12.0	12.0	12.0	12.0	12.0	18.0	18.0	18.0
60°	24.0	24.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
57.5°	54.1	54.1	48.1	42.1	36.1	36.1	30.0	24.0	24.0	18.0	18.0
55°	90.1	84.1	78.1	66.1	60.1	54.1	48.1	36.1	30.0	24.0	18.0
52.5°	114.2	108.2	102.2	96.1	84.1	72.1	66.1	60.1	48.1	36.1	30.0
50°	168.3	150.2	138.2	126.2	114.2	102.2	90.1	84.1	66.1	54.1	42.1
47.5°	204.3	192.3	174.3	162.2	150.2	132.2	114.2	102.2	90.1	72.1	54.1
45°	234.4	222.3	204.3	192.3	180.3	162.2	144.2	126.2	114.2	96.1	72.1
42.5°	264.4	252.4	234.4	222.3	204.3	186.3	168.3	150.2	132.2	120.2	96.1
40°	306.5	288.4	264.4	252.4	240.4	216.3	192.3	174.3	156.2	138.2	114.2
37.5°	360.6	342.5	312.5	288.4	270.4	252.4	228.4	204.3	186.3	162.2	138.2
35°	444.7	414.6	372.6	336.5	312.5	288.4	258.4	234.4	210.3	186.3	162.2
32.5°	528.8	480.7	426.7	384.6	348.5	318.5	288.4	264.4	234.4	204.3	180.3
30°	594.9	540.8	486.7	426.7	384.6	348.5	318.5	288.4	258.4	228.4	198.3
27.5°	661.0	600.9	540.8	480.7	420.6	372.6	342.5	312.5	282.4	252.4	216.3
25°	727.1	661.0	600.9	534.8	462.7	408.6	366.6	342.5	312.5	276.4	234.4
22.5°	787.2	727.1	667.0	594.9	510.8	438.7	396.6	366.6	336.5	294.5	258.4
20°	901.4	823.3	751.2	661.0	564.9	492.8	438.7	396.6	360.6	318.5	276.4
17.5°	1051.6	937.4	841.3	739.1	643.0	552.8	474.7	426.7	390.6	342.5	294.5
15°	1243.9	1045.6	925.4	823.3	709.1	606.9	522.8	456.7	408.6	360.6	318.5
12.5°	1388.1	1129.7	997.5	901.4	781.2	667.0	558.9	480.7	426.7	378.6	330.5
10°	1550.4	1219.9	1057.6	949.5	823.3	697.1	582.9	498.8	438.7	396.6	348.5
7.5°	1682.6	1292.0	1087.7	967.5	847.3	721.1	606.9	516.8	456.7	408.6	360.6
5°	1802.8	1352.1	1111.7	973.5	859.3	739.1	619.0	528.8	468.7	420.6	372.6
2.5°	1886.9	1406.2	1135.7	985.5	871.3	751.2	637.0	540.8	480.7	432.7	384.6
0°	1959.0	1424.2	1129.7	985.5	877.3	751.2	643.0	546.8	486.7	438.7	390.6
-2.5°	1983.0	1454.2	1159.8	997.5	889.4	763.2	655.0	552.8	492.8	444.7	402.6
-5°	1983.0	1430.2	1159.8	1009.5	895.4	769.2	655.0	558.9	498.8	450.7	402.6
-7.5°	1910.9	1394.1	1153.8	1021.6	901.4	775.2	655.0	564.9	504.8	456.7	408.6
-10°	1784.7	1340.1	1147.8	1027.6	901.4	769.2	655.0	564.9	504.8	456.7	414.6
-12.5°	1580.4	1267.9	1117.7	1015.6	889.4	757.2	649.0	564.9	504.8	462.7	414.6
-15°	1478.3	1207.9	1081.7	979.5	859.3	739.1	637.0	558.9	504.8	462.7	420.6
-17.5°	1340.1	1159.8	1045.6	943.4	835.3	721.1	625.0	558.9	504.8	456.7	420.6
-20°	1243.9	1105.7	1003.5	913.4	805.2	703.1	619.0	552.8	504.8	456.7	420.6



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1159.8	1045.6	955.5	865.3	769.2	679.0	606.9	546.8	498.8	456.7	420.6
-25°	1093.7	991.5	907.4	823.3	739.1	661.0	594.9	540.8	492.8	456.7	414.6
-27.5°	1033.6	937.4	859.3	781.2	703.1	643.0	582.9	534.8	492.8	450.7	408.6
-30°	967.5	889.4	811.2	739.1	685.1	625.0	570.9	522.8	486.7	444.7	402.6
-32.5°	901.4	829.3	763.2	709.1	661.0	612.9	564.9	516.8	474.7	432.7	390.6
-35°	841.3	775.2	727.1	679.0	643.0	600.9	552.8	504.8	468.7	426.7	390.6
-37.5°	781.2	733.1	691.1	655.0	619.0	582.9	534.8	492.8	456.7	414.6	372.6
-40°	733.1	697.1	667.0	637.0	600.9	558.9	522.8	480.7	444.7	402.6	354.5
-42.5°	703.1	673.0	643.0	612.9	582.9	546.8	510.8	468.7	432.7	390.6	342.5
-45°	673.0	649.0	625.0	600.9	570.9	534.8	492.8	450.7	414.6	372.6	336.5
-47.5°	655.0	631.0	606.9	588.9	564.9	516.8	480.7	438.7	396.6	360.6	318.5
-50°	637.0	612.9	594.9	570.9	540.8	498.8	462.7	420.6	384.6	342.5	306.5
-52.5°	619.0	594.9	570.9	546.8	516.8	480.7	444.7	408.6	366.6	324.5	288.4
-55°	600.9	576.9	552.8	528.8	498.8	468.7	432.7	384.6	342.5	300.5	264.4
-57.5°	582.9	564.9	534.8	504.8	474.7	444.7	402.6	360.6	318.5	276.4	246.4
-60°	558.9	534.8	510.8	474.7	444.7	408.6	372.6	336.5	294.5	258.4	228.4
-62.5°	522.8	498.8	474.7	438.7	408.6	378.6	348.5	306.5	276.4	240.4	210.3
-65°	480.7	456.7	432.7	402.6	372.6	342.5	318.5	282.4	252.4	222.3	198.3
-67.5°	432.7	408.6	390.6	360.6	336.5	306.5	282.4	252.4	222.3	198.3	174.3
-70°	372.6	354.5	336.5	312.5	288.4	264.4	240.4	216.3	192.3	174.3	150.2
-72.5°	318.5	300.5	282.4	264.4	246.4	222.3	204.3	186.3	168.3	150.2	138.2
-75°	258.4	246.4	234.4	222.3	204.3	186.3	174.3	156.2	144.2	132.2	126.2
-77.5°	216.3	204.3	192.3	180.3	168.3	156.2	144.2	132.2	126.2	120.2	114.2
-80°	174.3	168.3	162.2	150.2	144.2	132.2	126.2	114.2	114.2	114.2	114.2
-82.5°	138.2	132.2	126.2	120.2	114.2	108.2	108.2	102.2	108.2	108.2	102.2
-85°	96.1	90.1	84.1	84.1	78.1	78.1	72.1	72.1	72.1	66.1	66.1
-87.5°	42.1	42.1	42.1	42.1	36.1	36.1	36.1	36.1	36.1	30.0	30.0
-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: P724033
 CATALOG NUMBER: IFLD-L-SA7D-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°	12.0	12.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0
85°	24.0	24.0	18.0	18.0	18.0	12.0	12.0	6.0	6.0	6.0	6.0
82.5°	54.1	48.1	42.1	36.1	30.0	24.0	18.0	12.0	12.0	6.0	6.0
80°	66.1	66.1	66.1	60.1	48.1	36.1	24.0	18.0	12.0	6.0	6.0
77.5°	48.1	48.1	54.1	60.1	60.1	48.1	30.0	18.0	12.0	12.0	6.0
75°	36.1	36.1	36.1	42.1	48.1	48.1	36.1	24.0	12.0	12.0	6.0
72.5°	36.1	36.1	36.1	36.1	36.1	36.1	36.1	24.0	18.0	12.0	12.0
70°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	24.0	18.0	12.0	12.0
67.5°	24.0	24.0	30.0	30.0	30.0	24.0	24.0	24.0	18.0	12.0	12.0
65°	18.0	24.0	24.0	30.0	24.0	24.0	24.0	18.0	18.0	12.0	12.0
62.5°	18.0	18.0	24.0	24.0	24.0	24.0	18.0	18.0	18.0	12.0	12.0
60°	18.0	18.0	18.0	24.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0
57.5°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0
55°	18.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0
52.5°	24.0	18.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0
50°	30.0	18.0	18.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0	12.0
47.5°	42.1	30.0	24.0	18.0	18.0	12.0	12.0	12.0	12.0	12.0	6.0
45°	60.1	42.1	30.0	24.0	18.0	12.0	12.0	12.0	12.0	12.0	6.0
42.5°	72.1	54.1	36.1	30.0	24.0	18.0	12.0	12.0	12.0	6.0	6.0
40°	90.1	72.1	48.1	36.1	24.0	18.0	12.0	12.0	12.0	6.0	6.0
37.5°	114.2	90.1	60.1	42.1	30.0	18.0	18.0	12.0	12.0	6.0	6.0
35°	132.2	102.2	78.1	48.1	36.1	24.0	18.0	12.0	12.0	6.0	6.0
32.5°	150.2	120.2	96.1	60.1	42.1	30.0	24.0	12.0	12.0	6.0	6.0
30°	168.3	138.2	108.2	78.1	54.1	36.1	24.0	12.0	12.0	6.0	6.0
27.5°	186.3	150.2	120.2	90.1	60.1	42.1	30.0	18.0	12.0	6.0	6.0
25°	204.3	168.3	132.2	102.2	66.1	48.1	30.0	18.0	12.0	12.0	6.0
22.5°	216.3	186.3	150.2	114.2	78.1	54.1	36.1	24.0	12.0	12.0	6.0
20°	234.4	204.3	162.2	126.2	90.1	60.1	36.1	24.0	12.0	12.0	6.0
17.5°	252.4	216.3	174.3	138.2	102.2	66.1	42.1	30.0	12.0	12.0	6.0
15°	270.4	228.4	186.3	144.2	108.2	72.1	42.1	30.0	12.0	12.0	6.0
12.5°	288.4	246.4	198.3	156.2	114.2	78.1	48.1	36.1	18.0	12.0	6.0
10°	300.5	258.4	210.3	162.2	120.2	90.1	54.1	36.1	18.0	12.0	6.0
7.5°	318.5	270.4	222.3	174.3	126.2	96.1	60.1	36.1	18.0	12.0	6.0
5°	324.5	282.4	228.4	186.3	132.2	102.2	66.1	42.1	18.0	12.0	6.0
2.5°	330.5	294.5	234.4	192.3	138.2	102.2	66.1	42.1	24.0	12.0	6.0
0°	336.5	300.5	240.4	198.3	144.2	108.2	72.1	42.1	24.0	12.0	6.0
-2.5°	342.5	306.5	252.4	204.3	150.2	114.2	78.1	42.1	24.0	12.0	6.0
-5°	348.5	306.5	264.4	210.3	156.2	114.2	78.1	48.1	30.0	12.0	6.0
-7.5°	354.5	312.5	270.4	216.3	162.2	114.2	84.1	48.1	30.0	18.0	6.0
-10°	360.6	318.5	276.4	222.3	162.2	120.2	84.1	48.1	30.0	18.0	6.0
-12.5°	366.6	324.5	276.4	222.3	168.3	120.2	84.1	54.1	30.0	18.0	6.0
-15°	372.6	324.5	276.4	222.3	168.3	126.2	90.1	54.1	30.0	18.0	12.0
-17.5°	372.6	324.5	276.4	228.4	168.3	126.2	90.1	54.1	30.0	18.0	12.0
-20°	372.6	324.5	276.4	228.4	168.3	126.2	90.1	54.1	30.0	18.0	12.0



REPORT NUMBER: P724033

CATALOG NUMBER: IFLD-L-SA7D-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°	366.6	318.5	276.4	222.3	168.3	126.2	90.1	54.1	36.1	18.0	12.0
-25°	366.6	318.5	276.4	222.3	168.3	126.2	84.1	54.1	36.1	18.0	12.0
-27.5°	360.6	318.5	270.4	216.3	162.2	120.2	84.1	54.1	36.1	18.0	12.0
-30°	354.5	312.5	264.4	210.3	162.2	120.2	84.1	54.1	36.1	18.0	12.0
-32.5°	348.5	300.5	258.4	204.3	156.2	114.2	84.1	54.1	36.1	18.0	12.0
-35°	336.5	294.5	246.4	198.3	150.2	114.2	78.1	54.1	36.1	24.0	12.0
-37.5°	324.5	282.4	240.4	192.3	144.2	108.2	78.1	54.1	36.1	24.0	12.0
-40°	312.5	276.4	228.4	180.3	138.2	102.2	78.1	54.1	36.1	24.0	18.0
-42.5°	300.5	264.4	222.3	174.3	138.2	102.2	72.1	54.1	36.1	24.0	18.0
-45°	294.5	258.4	210.3	168.3	132.2	102.2	72.1	48.1	36.1	24.0	18.0
-47.5°	282.4	240.4	198.3	162.2	126.2	96.1	66.1	48.1	36.1	24.0	18.0
-50°	264.4	228.4	192.3	156.2	120.2	90.1	66.1	48.1	36.1	24.0	18.0
-52.5°	246.4	210.3	180.3	144.2	114.2	90.1	66.1	48.1	36.1	24.0	18.0
-55°	228.4	198.3	168.3	138.2	108.2	84.1	60.1	48.1	36.1	24.0	18.0
-57.5°	216.3	186.3	156.2	126.2	102.2	78.1	60.1	42.1	30.0	24.0	18.0
-60°	204.3	174.3	144.2	120.2	96.1	78.1	60.1	42.1	30.0	24.0	12.0
-62.5°	186.3	162.2	132.2	114.2	90.1	72.1	54.1	42.1	30.0	24.0	12.0
-65°	168.3	144.2	120.2	102.2	84.1	66.1	54.1	42.1	30.0	24.0	12.0
-67.5°	150.2	132.2	114.2	96.1	78.1	66.1	54.1	42.1	30.0	18.0	12.0
-70°	138.2	120.2	102.2	90.1	78.1	60.1	54.1	42.1	30.0	18.0	12.0
-72.5°	120.2	108.2	96.1	84.1	72.1	66.1	54.1	42.1	24.0	18.0	12.0
-75°	114.2	102.2	90.1	84.1	78.1	66.1	54.1	36.1	24.0	18.0	12.0
-77.5°	114.2	102.2	96.1	90.1	78.1	66.1	48.1	30.0	18.0	18.0	12.0
-80°	114.2	108.2	102.2	84.1	72.1	54.1	36.1	30.0	18.0	12.0	6.0
-82.5°	102.2	84.1	72.1	60.1	54.1	42.1	30.0	24.0	12.0	12.0	6.0
-85°	66.1	54.1	48.1	42.1	36.1	30.0	18.0	12.0	12.0	6.0	6.0
-87.5°	30.0	30.0	24.0	18.0	18.0	12.0	12.0	6.0	6.0	6.0	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: P724033
 CATALOG NUMBER: IFLD-L-SA7D-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°	6.0	0.0	0.0	0.0
77.5°	6.0	0.0	0.0	0.0
75°	6.0	6.0	0.0	0.0
72.5°	6.0	6.0	0.0	0.0
70°	6.0	6.0	0.0	0.0
67.5°	6.0	6.0	0.0	0.0
65°	6.0	6.0	0.0	0.0
62.5°	6.0	6.0	0.0	0.0
60°	6.0	6.0	0.0	0.0
57.5°	6.0	6.0	6.0	0.0
55°	6.0	6.0	6.0	0.0
52.5°	6.0	6.0	6.0	0.0
50°	6.0	6.0	6.0	0.0
47.5°	6.0	6.0	6.0	0.0
45°	6.0	6.0	6.0	0.0
42.5°	6.0	6.0	6.0	0.0
40°	6.0	6.0	6.0	0.0
37.5°	6.0	6.0	6.0	0.0
35°	6.0	6.0	6.0	0.0
32.5°	6.0	6.0	6.0	0.0
30°	6.0	6.0	6.0	0.0
27.5°	6.0	6.0	6.0	0.0
25°	6.0	6.0	6.0	0.0
22.5°	6.0	6.0	6.0	0.0
20°	6.0	6.0	6.0	0.0
17.5°	6.0	6.0	6.0	0.0
15°	6.0	6.0	6.0	0.0
12.5°	6.0	6.0	6.0	0.0
10°	6.0	6.0	6.0	0.0
7.5°	6.0	6.0	6.0	0.0
5°	6.0	6.0	6.0	0.0
2.5°	6.0	6.0	6.0	0.0
0°	6.0	6.0	6.0	0.0
-2.5°	6.0	6.0	6.0	0.0
-5°	6.0	6.0	6.0	0.0
-7.5°	6.0	6.0	6.0	0.0
-10°	6.0	6.0	6.0	0.0
-12.5°	6.0	6.0	6.0	0.0
-15°	6.0	6.0	6.0	0.0
-17.5°	6.0	6.0	6.0	0.0
-20°	6.0	6.0	6.0	0.0



REPORT NUMBER: P724033
CATALOG NUMBER: IFLD-L-SA7D-722-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.0	6.0	6.0	0.0
-25°	6.0	6.0	6.0	0.0
-27.5°	6.0	6.0	6.0	0.0
-30°	6.0	6.0	6.0	0.0
-32.5°	6.0	6.0	6.0	0.0
-35°	6.0	6.0	6.0	0.0
-37.5°	6.0	6.0	6.0	0.0
-40°	6.0	6.0	6.0	0.0
-42.5°	6.0	6.0	6.0	0.0
-45°	6.0	6.0	6.0	0.0
-47.5°	6.0	6.0	6.0	0.0
-50°	6.0	6.0	6.0	0.0
-52.5°	6.0	6.0	6.0	0.0
-55°	6.0	6.0	6.0	0.0
-57.5°	6.0	6.0	6.0	0.0
-60°	6.0	6.0	0.0	0.0
-62.5°	6.0	6.0	0.0	0.0
-65°	6.0	6.0	0.0	0.0
-67.5°	6.0	6.0	0.0	0.0
-70°	6.0	6.0	0.0	0.0
-72.5°	6.0	6.0	0.0	0.0
-75°	6.0	6.0	0.0	0.0
-77.5°	6.0	0.0	0.0	0.0
-80°	6.0	0.0	0.0	0.0
-82.5°	6.0	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)