

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: P722508

Luminaire Tested: **IFLD-L-SA8C-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722508
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

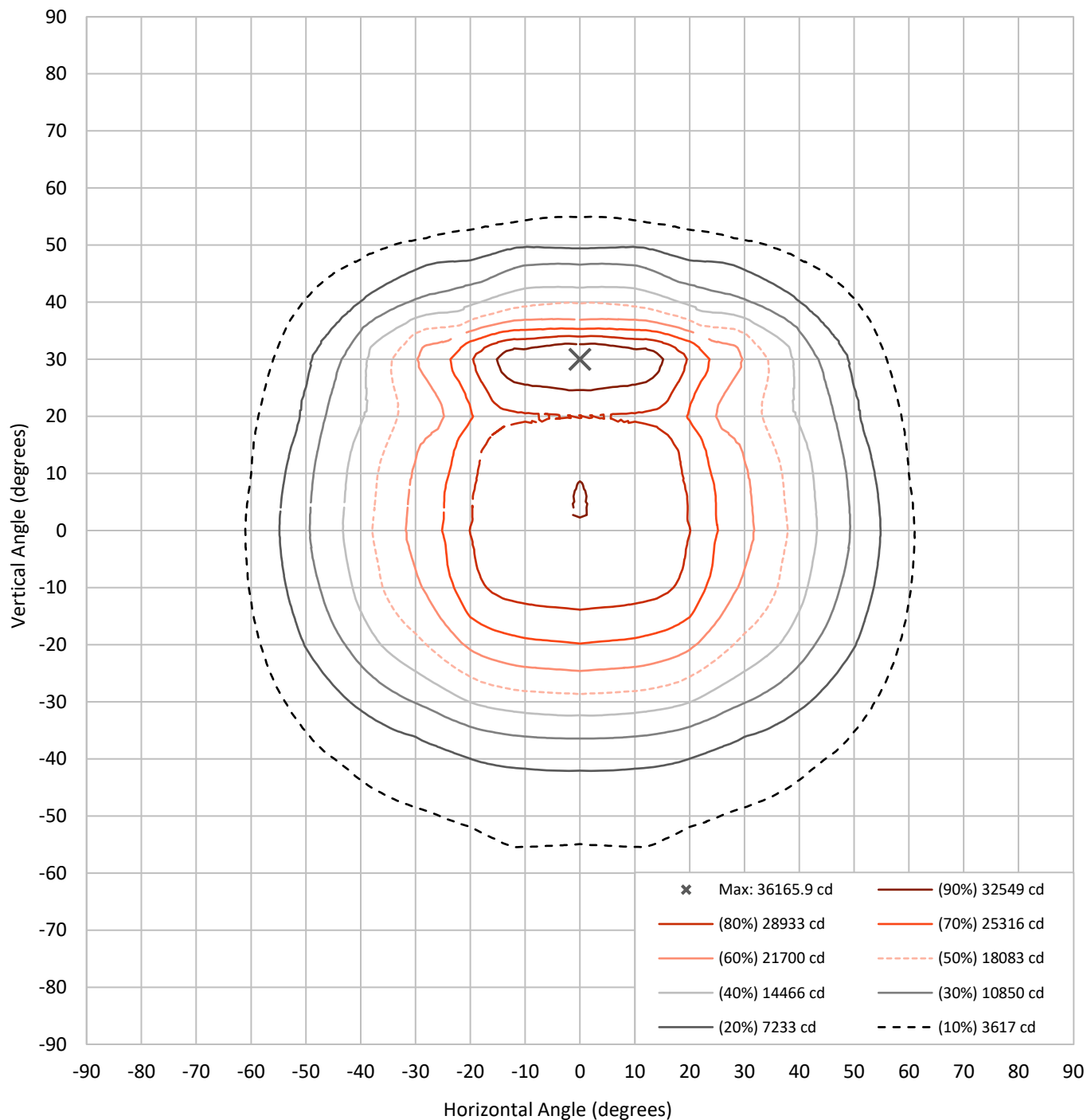
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	51805.4 lumens	Max Intensity:	36165.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	123.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	33049.6 lumens	Field Lumens:	48840.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	420.3		
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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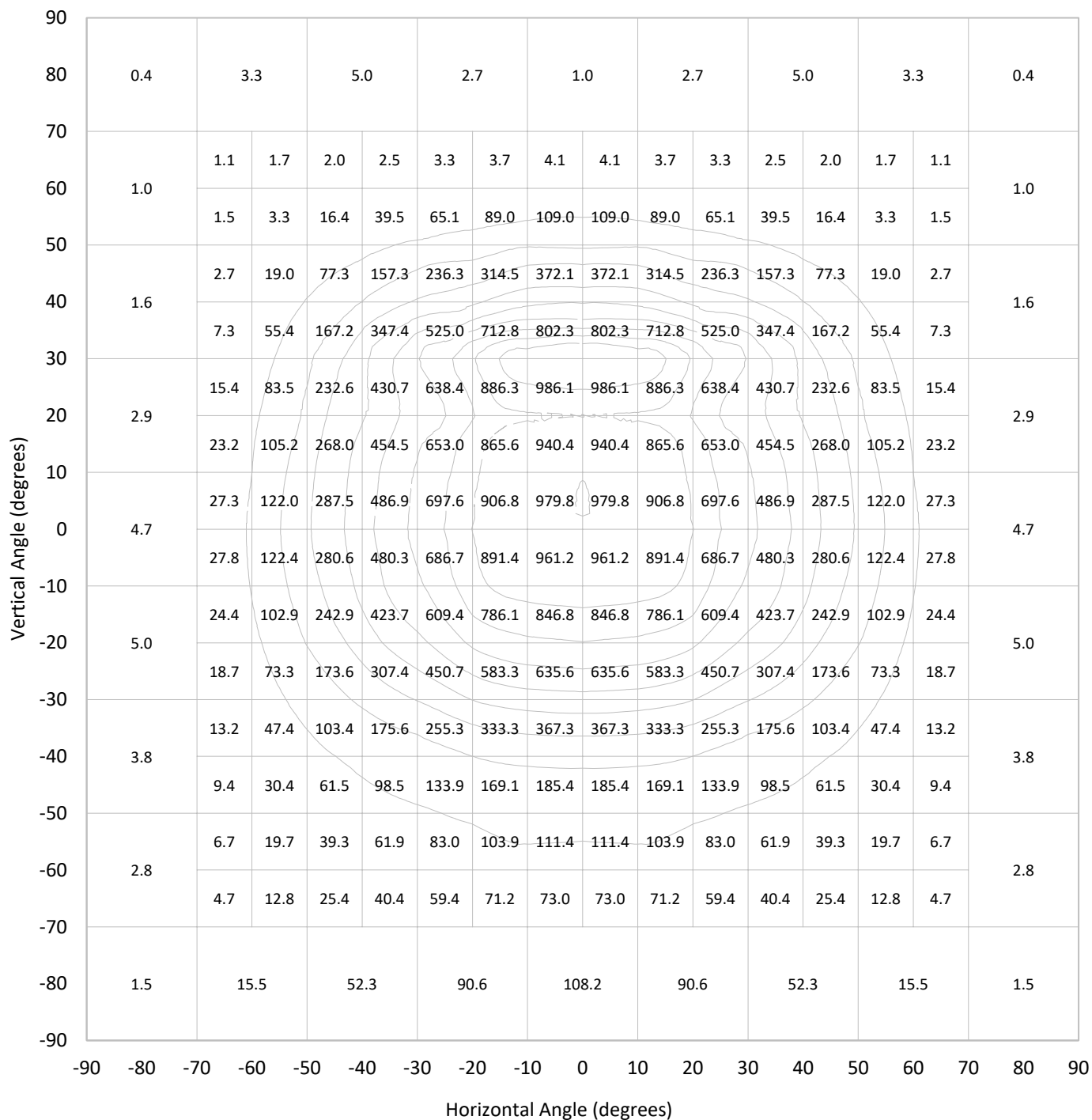
Iso-Candela Plot



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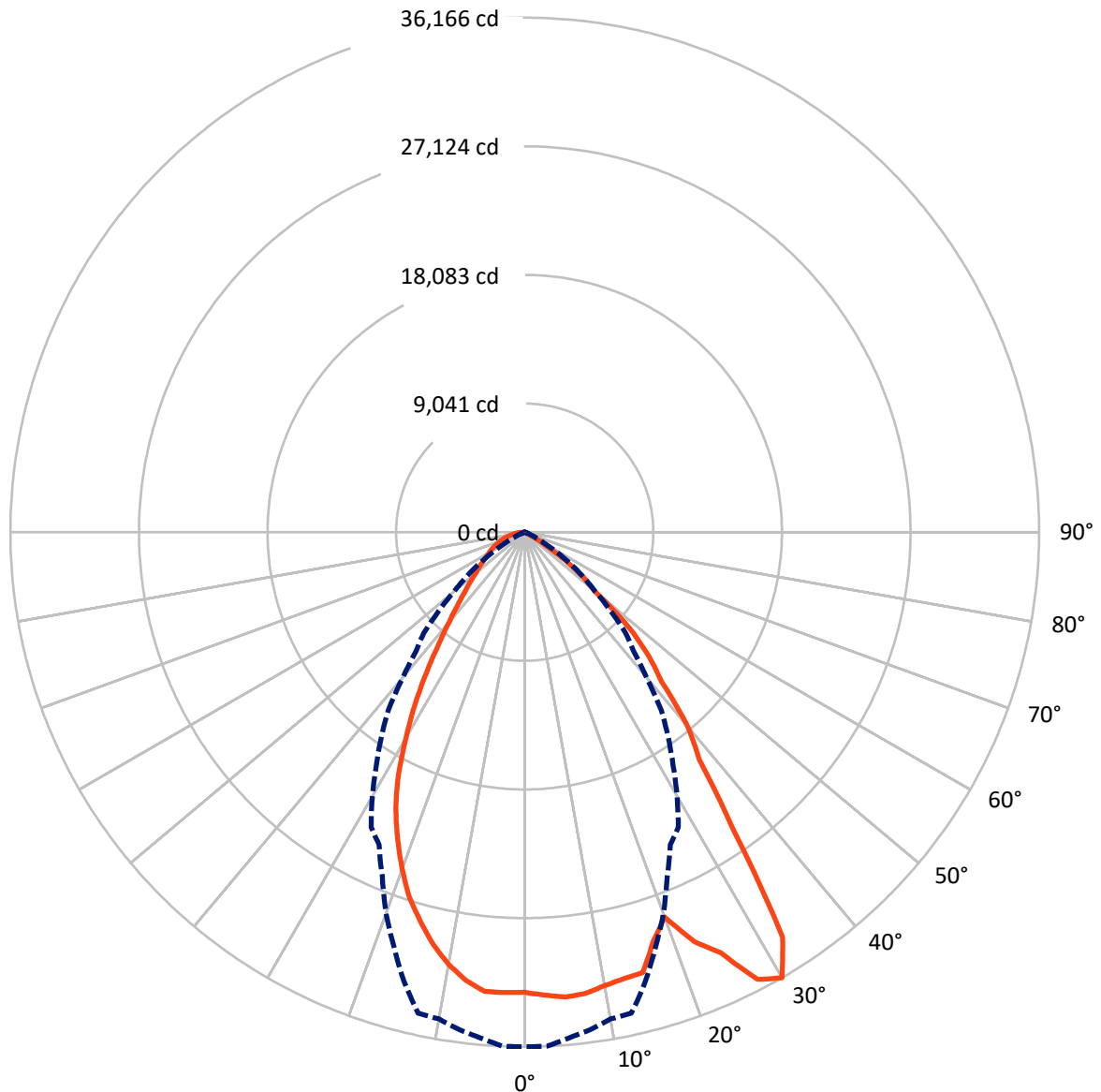
Lumen Table



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Luminous Intensity Polar Plot

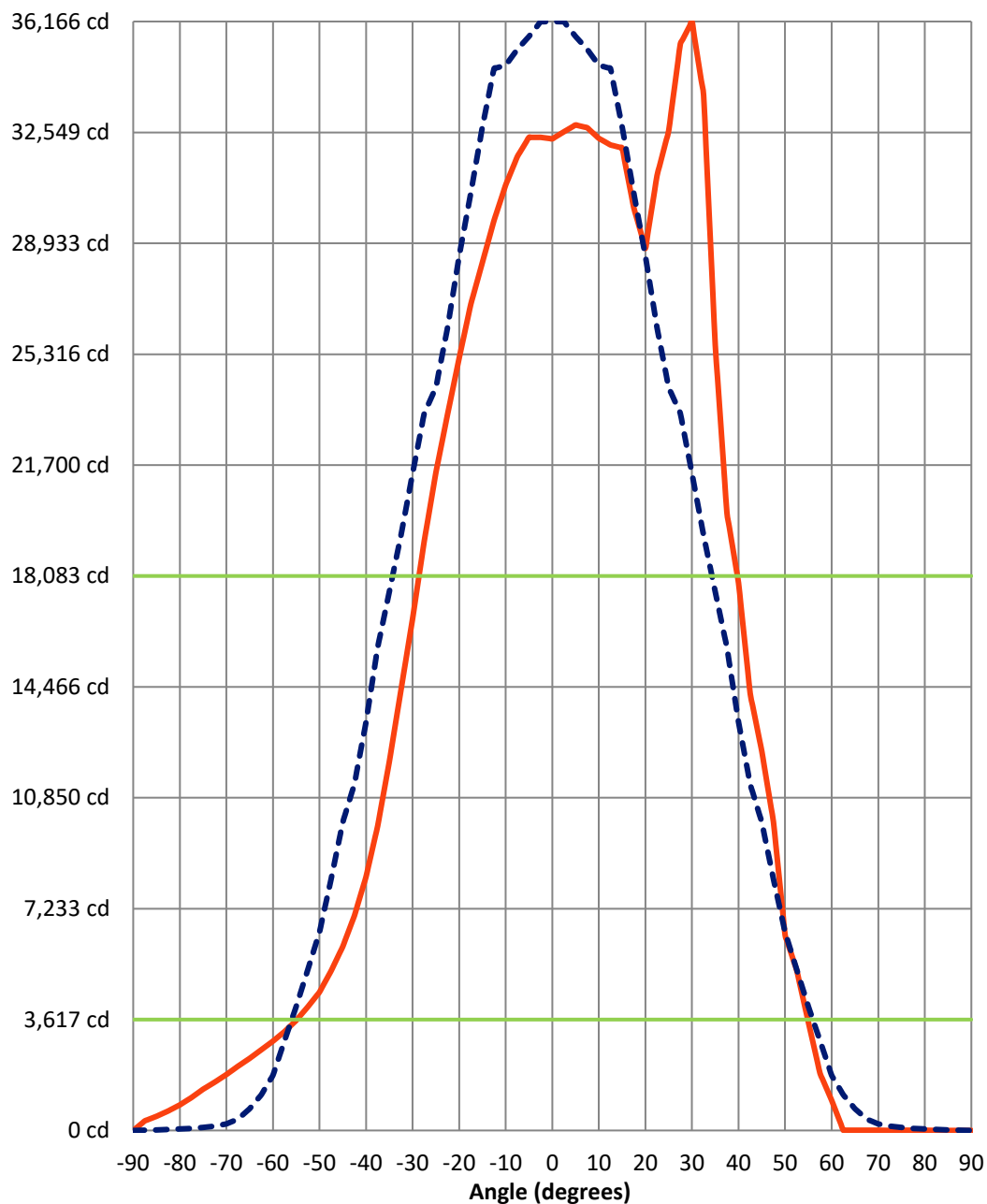


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 33049.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 48840.9

Efficiency: 94.3%

Spill:

Lumens: 2964.5

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-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	8.2	8.2	8.2	8.2	8.2	8.2	8.2
85°	0.0	8.2	8.2	8.2	16.5	16.5	16.5	16.5	16.5	16.5	24.7
82.5°	0.0	8.2	8.2	8.2	16.5	16.5	16.5	16.5	24.7	24.7	33.0
80°	8.2	8.2	8.2	8.2	16.5	16.5	16.5	24.7	24.7	33.0	33.0
77.5°	8.2	8.2	8.2	16.5	16.5	16.5	24.7	24.7	33.0	33.0	41.2
75°	8.2	8.2	8.2	16.5	16.5	24.7	24.7	24.7	33.0	33.0	41.2
72.5°	0.0	8.2	8.2	16.5	16.5	24.7	24.7	24.7	33.0	33.0	33.0
70°	8.2	8.2	8.2	16.5	16.5	24.7	24.7	24.7	33.0	33.0	33.0
67.5°	8.2	8.2	8.2	16.5	16.5	24.7	24.7	33.0	33.0	33.0	41.2
65°	8.2	8.2	8.2	16.5	24.7	24.7	33.0	41.2	41.2	49.5	57.7
62.5°	8.2	16.5	16.5	24.7	33.0	41.2	90.7	140.2	140.2	99.0	82.5
60°	981.5	1063.9	1055.7	956.7	833.0	701.0	676.3	651.6	602.1	527.8	552.6
57.5°	1864.0	1962.9	2004.2	1979.4	1913.5	1798.0	1732.0	1657.8	1558.8	1443.3	1311.4
55°	3530.0	3571.2	3480.5	3307.3	3117.6	2927.9	2861.9	2763.0	2614.5	2466.0	2268.1
52.5°	5220.8	5361.0	5319.7	5146.5	4890.9	4552.7	4181.6	3892.9	3719.7	3554.7	3356.8
50°	6375.4	6433.2	6548.6	6754.8	6829.1	6598.1	5996.0	5220.8	4668.2	4948.6	4734.1
47.5°	10062.1	10350.8	10293.1	10144.6	9897.2	9270.4	8429.1	7736.3	7159.0	6969.3	7002.3
45°	12363.2	12478.7	12437.4	12371.5	12256.0	11670.4	10738.4	9674.5	9138.4	8924.0	8701.3
42.5°	14251.9	14375.6	14400.4	14408.6	14284.9	13748.8	12907.6	11843.6	11307.5	10688.9	10202.3
40°	17856.2	18037.6	17831.4	17559.2	17146.9	16536.5	15711.8	14730.3	13781.8	13023.0	12445.7
37.5°	20157.2	20379.9	20462.4	20445.9	20355.2	20091.3	19076.8	18144.8	16693.2	14994.2	15299.4
35°	25617.2	25848.1	25782.1	25534.7	25402.7	25122.3	24132.6	23027.4	21204.7	19357.2	18862.4
32.5°	33757.6	34260.7	33320.5	32289.5	31654.5	31877.1	30870.9	28165.7	27324.4	23992.4	22450.1
30°	36165.9	36157.7	35679.3	35258.7	34739.1	34631.9	32734.9	30574.0	28512.1	26178.0	24231.6
27.5°	35431.9	35283.4	34879.3	34574.1	34087.5	33831.8	31976.1	30260.6	27877.0	25790.4	23909.9
25°	32602.9	32718.4	32306.0	32248.3	32058.6	31563.7	30640.0	28710.1	26582.2	24272.8	22920.2
22.5°	31143.1	31101.9	30607.0	30318.3	30549.3	30021.4	29650.3	27703.8	25485.2	23538.8	21914.0
20°	28767.8	28776.0	28652.3	28627.6	28487.4	28248.2	27951.3	26573.9	25006.9	23340.8	21386.1
17.5°	30095.7	30433.8	30582.3	29353.4	29699.8	29427.6	29114.2	27192.5	26013.1	24536.7	21988.2
15°	32042.1	31918.4	31769.9	31703.9	31514.3	31258.6	30689.5	29155.4	27126.5	25600.7	23613.0
12.5°	32141.1	31901.9	31844.2	31835.9	31638.0	31283.3	30730.7	29460.6	27662.6	25806.9	24190.3
10°	32355.5	32108.1	32075.1	32116.3	31811.2	31588.5	31035.9	29856.5	27827.6	26161.5	24635.7
7.5°	32701.9	32289.5	32479.2	32355.5	32215.3	31860.7	31266.8	30112.2	28429.6	26631.6	25031.6
5°	32792.6	32339.0	32545.2	32429.7	32223.6	31877.1	31233.8	30277.1	28800.8	26821.3	25188.3
2.5°	32570.0	32438.0	32347.3	32132.8	32042.1	31662.7	31052.4	30029.7	28627.6	26738.9	25155.3
0°	32339.0	32454.5	32248.3	32033.9	31992.6	31687.5	31167.9	30244.1	29031.7	26969.8	25435.7
-2.5°	32388.5	32297.8	32157.6	31934.9	31720.4	31283.3	30813.2	29947.2	28644.1	26466.7	25039.9
-5°	32388.5	31967.9	31984.4	31992.6	31778.2	31324.6	30755.5	30021.4	28413.1	26458.4	24924.4
-7.5°	31761.7	31398.8	31341.1	31291.6	31233.8	30813.2	30367.8	29452.3	28025.5	26244.0	24602.7
-10°	30837.9	30483.3	30516.3	30442.1	30260.6	29980.2	29642.0	28817.3	27646.1	25567.7	23951.2
-12.5°	29683.3	29526.6	29435.8	29312.1	29130.7	28883.3	28536.9	27761.6	26507.9	24734.7	23200.6
-15°	28314.2	28198.7	28116.2	28042.0	27778.1	27522.4	27068.8	26351.2	25567.7	23662.5	22095.4
-17.5°	26945.1	26656.4	26540.9	26442.0	26268.8	25856.4	25444.0	24907.9	23811.0	22301.6	20957.3
-20°	25188.3	25015.1	24874.9	24742.9	24495.5	24173.8	23835.7	23217.1	22268.6	21048.0	19654.1

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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°	23349.1	23250.1	23134.6	22969.7	22804.7	22499.6	22029.5	21435.6	20693.3	19373.7	18070.6
-25°	21452.1	21262.4	21122.2	20965.5	20833.6	20553.1	20099.5	19530.4	18598.4	17460.3	16371.6
-27.5°	19217.0	19035.6	18961.3	18779.9	18664.4	18408.7	17955.1	17427.3	16586.0	15629.3	14524.1
-30°	16693.2	16726.2	16643.7	16470.5	16330.3	16000.4	15654.0	15208.7	14548.8	13633.4	12643.6
-32.5°	14359.2	14400.4	14301.4	14120.0	13938.5	13699.3	13377.7	12973.5	12478.7	11604.4	10746.7
-35°	12025.1	12008.6	11926.1	11818.9	11695.2	11497.2	11134.3	10829.2	10260.1	9649.7	9055.9
-37.5°	9930.2	9971.4	9946.7	9888.9	9748.7	9583.8	9286.8	9006.4	8585.8	8049.7	7587.8
-40°	8272.4	8321.9	8288.9	8231.1	8107.4	8008.5	7810.5	7563.1	7224.9	6763.1	6375.4
-42.5°	7002.3	7035.2	6994.0	6944.5	6837.3	6763.1	6606.4	6400.2	6119.8	5765.1	5418.7
-45°	5996.0	6004.3	5963.0	5930.1	5847.6	5756.9	5624.9	5459.9	5237.3	4989.8	4709.4
-47.5°	5204.3	5196.0	5154.8	5121.8	5055.8	4973.3	4866.1	4717.7	4544.5	4354.8	4132.1
-50°	4511.5	4552.7	4536.2	4503.2	4453.7	4396.0	4288.8	4132.1	3958.9	3818.7	3662.0
-52.5°	4033.1	4041.3	4033.1	4033.1	4024.9	3983.6	3859.9	3703.2	3513.5	3389.8	3257.8
-55°	3587.7	3629.0	3645.5	3662.0	3670.2	3670.2	3521.7	3356.8	3175.3	3051.6	2952.7
-57.5°	3224.8	3249.6	3266.1	3307.3	3340.3	3365.0	3233.1	3084.6	2944.4	2828.9	2738.2
-60°	2911.4	2944.4	2969.2	3010.4	3035.1	3051.6	2969.2	2870.2	2787.7	2713.5	2581.5
-62.5°	2631.0	2655.7	2680.5	2705.2	2730.0	2746.5	2713.5	2664.0	2622.8	2589.8	2424.8
-65°	2350.6	2375.3	2400.1	2433.1	2457.8	2474.3	2466.0	2433.1	2400.1	2367.1	2218.6
-67.5°	2094.9	2119.6	2152.6	2160.9	2177.4	2185.6	2169.1	2144.4	2103.1	2061.9	1946.4
-70°	1822.7	1839.2	1855.7	1855.7	1855.7	1847.5	1831.0	1798.0	1756.7	1699.0	1608.3
-72.5°	1575.3	1591.8	1608.3	1583.5	1567.1	1542.3	1517.6	1476.3	1435.1	1393.9	1344.4
-75°	1344.4	1352.6	1352.6	1319.6	1294.9	1270.1	1237.1	1212.4	1171.2	1138.2	1096.9
-77.5°	1072.2	1072.2	1072.2	1047.5	1031.0	1014.5	989.7	965.0	932.0	907.2	874.3
-80°	833.0	833.0	833.0	824.8	800.0	783.5	767.0	750.5	725.8	709.3	692.8
-82.5°	635.1	635.1	635.1	626.8	610.3	602.1	585.6	569.1	560.8	544.3	536.1
-85°	461.9	470.1	470.1	461.9	453.6	437.1	428.9	420.6	412.4	404.1	387.6
-87.5°	313.4	313.4	313.4	305.2	296.9	296.9	288.7	272.2	255.7	247.4	239.2
-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°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
85°	24.7	24.7	24.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	24.7
82.5°	41.2	41.2	49.5	49.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
80°	41.2	49.5	57.7	66.0	74.2	82.5	82.5	82.5	82.5	74.2	74.2
77.5°	49.5	49.5	57.7	66.0	74.2	82.5	90.7	99.0	90.7	90.7	90.7
75°	49.5	57.7	57.7	66.0	74.2	82.5	90.7	99.0	99.0	99.0	99.0
72.5°	41.2	49.5	57.7	66.0	66.0	74.2	82.5	82.5	90.7	90.7	99.0
70°	41.2	49.5	57.7	57.7	66.0	66.0	74.2	82.5	82.5	90.7	90.7
67.5°	49.5	57.7	57.7	66.0	74.2	74.2	74.2	82.5	82.5	90.7	90.7
65°	57.7	66.0	66.0	74.2	82.5	82.5	90.7	90.7	90.7	99.0	99.0
62.5°	99.0	99.0	99.0	90.7	99.0	99.0	99.0	107.2	107.2	99.0	107.2
60°	511.4	371.1	255.7	321.7	288.7	132.0	132.0	132.0	123.7	123.7	115.5
57.5°	1204.2	1121.7	965.0	816.5	734.0	651.6	404.1	165.0	165.0	148.5	132.0
55°	2012.4	1740.3	1624.8	1426.8	1212.4	1113.4	923.7	626.8	296.9	197.9	173.2
52.5°	3117.6	2861.9	2565.0	2160.9	1872.2	1641.3	1484.6	1179.4	791.8	420.6	263.9
50°	4173.3	4057.8	3876.4	3480.5	2878.4	2490.8	2235.1	1888.7	1418.6	866.0	494.9
47.5°	6721.8	5756.9	5171.3	4866.1	4363.0	3629.0	3134.1	2746.5	2177.4	1459.8	874.3
45°	8462.1	7851.8	6919.8	6276.5	5534.2	4758.9	4115.6	3670.2	2993.9	2185.6	1369.1
42.5°	9954.9	9427.1	8585.8	7645.6	6862.0	5847.6	5022.8	4437.2	3868.1	2985.6	2045.4
40°	11876.6	11249.8	10441.5	9526.0	8610.5	7315.7	5979.5	5270.2	4643.4	3859.9	2763.0
37.5°	15043.7	13938.5	12618.9	11604.4	10408.5	9311.6	7480.6	6227.0	5484.7	4668.2	3604.2
35°	18854.1	17641.7	15439.6	14095.2	12495.2	10862.1	9212.6	7356.9	6301.2	5435.2	4379.5
32.5°	22400.6	20627.4	17806.7	16231.4	15167.4	12157.0	10449.8	8841.5	7142.5	6078.5	4824.9
30°	23382.1	21427.4	19406.7	17567.5	15753.0	13319.9	11299.3	10045.6	8198.2	6466.2	5245.5
27.5°	22392.4	21048.0	19480.9	17773.7	15810.7	13724.1	11818.9	10623.0	8973.4	6730.1	5575.4
25°	21386.1	19984.0	18887.1	17460.3	15645.8	13699.3	11835.4	10985.9	9575.5	7241.4	5756.9
22.5°	20322.2	19447.9	18540.7	16948.9	15233.4	13773.6	12371.5	11299.3	9888.9	7818.8	5831.1
20°	20379.9	19810.8	18812.9	16685.0	15159.2	14210.7	13014.8	11695.2	10227.1	8321.9	5888.8
17.5°	21303.7	20561.4	19307.7	17460.3	15827.2	14656.1	13550.9	12239.5	10573.5	8767.2	6589.9
15°	22441.8	21311.9	20000.5	18375.8	16528.3	15142.7	13963.3	12618.9	10969.4	9179.6	7216.7
12.5°	23266.6	21658.3	20429.4	18961.3	17287.1	15670.5	14235.4	12907.6	11340.5	9517.8	7686.8
10°	23547.0	22087.2	20635.6	19324.2	17674.7	15950.9	14441.6	13089.0	11662.2	9781.7	8033.2
7.5°	23695.5	22458.3	20775.8	19489.2	17905.6	16124.1	14606.6	13188.0	11917.8	9963.2	8255.9
5°	23679.0	22656.3	20883.0	19538.7	18029.4	16198.4	14722.0	13212.7	12099.3	10119.9	8387.9
2.5°	23604.8	22788.2	21056.2	19621.1	18276.8	16338.6	14944.7	13262.2	12165.3	10293.1	8478.6
0°	23876.9	22796.5	21237.7	19645.9	18441.7	16388.1	15043.7	13221.0	12074.6	10342.5	8470.3
-2.5°	23291.4	22309.9	21196.4	19431.5	18219.0	16272.6	14862.3	13089.0	11876.6	10284.8	8437.3
-5°	23192.4	21955.2	20850.0	19233.5	17847.9	16033.4	14524.1	12841.6	11563.2	10095.1	8305.4
-7.5°	22928.5	21617.1	20511.9	19076.8	17501.5	15786.0	14202.4	12585.9	11225.0	9798.2	8115.7
-10°	22351.1	21097.5	20149.0	18738.7	17080.9	15431.3	13814.8	12247.8	10829.2	9394.1	7818.8
-12.5°	21526.4	20272.7	19332.5	18021.1	16553.0	14953.0	13352.9	11810.6	10375.5	8965.2	7464.1
-15°	20594.4	19324.2	18384.0	17188.1	15769.5	14210.7	12767.4	11258.0	9855.9	8511.6	7043.5
-17.5°	19538.7	18334.5	17427.3	16264.4	14854.0	13369.4	11934.3	10565.2	9253.9	8041.5	6556.9
-20°	18318.0	17146.9	16313.8	15150.9	13856.0	12412.7	11018.9	9724.0	8544.6	7406.4	6020.8

REPORT NUMBER: P722508

CATALOG NUMBER: IFLD-L-SA8C-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	16808.7	15777.7	14829.3	13790.1	12660.1	11340.5	10045.6	8899.2	7769.3	6655.8	5468.2
-25°	15266.4	14268.4	13344.7	12396.2	11315.8	10177.6	9072.4	8033.2	6928.0	5921.8	4932.1
-27.5°	13550.9	12660.1	11835.4	10961.1	9971.4	8989.9	8082.7	7068.2	6111.5	5253.8	4404.2
-30°	11719.9	10994.1	10276.6	9501.3	8701.3	7876.5	7068.2	6111.5	5361.0	4676.4	3958.9
-32.5°	9963.2	9311.6	8734.3	8156.9	7464.1	6787.8	6070.3	5361.0	4734.1	4132.1	3530.0
-35°	8420.8	7728.0	7406.4	6944.5	6391.9	5781.6	5196.0	4701.2	4198.1	3653.7	3117.6
-37.5°	7084.7	6639.4	6260.0	5913.6	5476.4	4948.6	4528.0	4123.8	3703.2	3208.3	2746.5
-40°	6037.3	5715.6	5336.2	5080.5	4725.9	4346.5	3925.9	3587.7	3233.1	2828.9	2449.6
-42.5°	5196.0	4932.1	4684.7	4412.5	4148.6	3826.9	3464.0	3142.4	2820.7	2523.8	2210.4
-45°	4503.2	4313.5	4115.6	3892.9	3662.0	3381.5	3084.6	2754.7	2523.8	2259.9	1995.9
-47.5°	3934.1	3793.9	3629.0	3455.8	3257.8	3010.4	2738.2	2499.0	2259.9	2037.2	1781.5
-50°	3480.5	3348.5	3216.6	3068.1	2894.9	2680.5	2474.3	2251.6	2028.9	1814.5	1575.3
-52.5°	3101.1	2985.6	2878.4	2754.7	2589.8	2408.3	2218.6	2020.7	1814.5	1600.0	1410.3
-55°	2837.2	2705.2	2598.0	2474.3	2325.8	2152.6	1979.4	1798.0	1600.0	1435.1	1278.4
-57.5°	2622.8	2474.3	2350.6	2218.6	2070.2	1921.7	1765.0	1600.0	1451.6	1294.9	1146.4
-60°	2441.3	2268.1	2127.9	1995.9	1855.7	1715.5	1583.5	1443.3	1303.1	1162.9	1014.5
-62.5°	2251.6	2070.2	1897.0	1773.2	1666.0	1542.3	1426.8	1294.9	1171.2	1031.0	923.7
-65°	2037.2	1864.0	1699.0	1591.8	1492.8	1385.6	1278.4	1162.9	1055.7	948.5	849.5
-67.5°	1798.0	1649.5	1534.1	1435.1	1336.1	1245.4	1146.4	1047.5	956.7	849.5	750.5
-70°	1509.3	1426.8	1360.9	1286.6	1195.9	1113.4	1022.7	932.0	833.0	742.3	651.6
-72.5°	1286.6	1237.1	1187.7	1113.4	1031.0	956.7	882.5	800.0	717.5	635.1	560.8
-75°	1055.7	1014.5	973.2	923.7	857.8	800.0	734.0	659.8	593.8	536.1	478.4
-77.5°	849.5	816.5	791.8	750.5	701.0	651.6	610.3	560.8	511.4	453.6	395.9
-80°	676.3	659.8	651.6	635.1	593.8	552.6	519.6	478.4	428.9	387.6	346.4
-82.5°	527.8	527.8	519.6	511.4	478.4	445.4	420.6	387.6	354.6	321.7	280.4
-85°	387.6	379.4	379.4	371.1	346.4	329.9	305.2	288.7	263.9	230.9	214.4
-87.5°	230.9	222.7	214.4	206.2	189.7	181.4	165.0	156.7	140.2	123.7	115.5
-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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CATALOG NUMBER: IFLD-L-SA8C-740-U-76-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°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	0.0	0.0
85°	24.7	16.5	16.5	16.5	16.5	16.5	8.2	8.2	8.2	8.2	8.2
82.5°	49.5	49.5	41.2	41.2	33.0	24.7	16.5	16.5	16.5	8.2	8.2
80°	74.2	74.2	74.2	66.0	57.7	41.2	33.0	24.7	16.5	8.2	8.2
77.5°	90.7	82.5	82.5	74.2	74.2	66.0	49.5	41.2	24.7	16.5	8.2
75°	90.7	90.7	90.7	82.5	82.5	74.2	66.0	49.5	41.2	24.7	16.5
72.5°	99.0	90.7	90.7	90.7	82.5	74.2	66.0	57.7	49.5	33.0	16.5
70°	90.7	90.7	90.7	90.7	82.5	82.5	66.0	57.7	57.7	33.0	24.7
67.5°	90.7	90.7	90.7	82.5	82.5	74.2	66.0	57.7	57.7	41.2	24.7
65°	99.0	90.7	90.7	90.7	82.5	74.2	66.0	57.7	57.7	49.5	33.0
62.5°	107.2	99.0	99.0	90.7	82.5	74.2	66.0	57.7	57.7	49.5	33.0
60°	115.5	107.2	99.0	99.0	90.7	82.5	66.0	66.0	57.7	49.5	33.0
57.5°	123.7	115.5	115.5	107.2	99.0	90.7	74.2	66.0	57.7	49.5	41.2
55°	148.5	132.0	123.7	123.7	115.5	99.0	82.5	66.0	57.7	49.5	41.2
52.5°	197.9	156.7	140.2	140.2	132.0	115.5	90.7	74.2	57.7	49.5	41.2
50°	313.4	197.9	165.0	148.5	148.5	132.0	107.2	82.5	57.7	49.5	41.2
47.5°	494.9	329.9	197.9	173.2	165.0	156.7	123.7	82.5	66.0	49.5	41.2
45°	816.5	486.6	321.7	206.2	173.2	165.0	140.2	90.7	66.0	57.7	41.2
42.5°	1121.7	758.8	494.9	247.4	206.2	181.4	148.5	99.0	74.2	57.7	41.2
40°	1765.0	1039.2	692.8	404.1	239.2	189.7	165.0	115.5	74.2	57.7	41.2
37.5°	2391.8	1377.4	932.0	593.8	272.2	214.4	173.2	123.7	82.5	57.7	49.5
35°	3018.6	1929.9	1154.7	791.8	362.9	255.7	181.4	132.0	82.5	57.7	49.5
32.5°	3579.5	2449.6	1385.6	989.7	544.3	305.2	197.9	140.2	90.7	66.0	49.5
30°	4041.3	2927.9	1798.0	1162.9	709.3	371.1	214.4	140.2	99.0	66.0	49.5
27.5°	4387.7	3299.1	2218.6	1344.4	849.5	437.1	247.4	156.7	99.0	66.0	49.5
25°	4668.2	3587.7	2589.8	1534.1	973.2	544.3	296.9	165.0	107.2	74.2	49.5
22.5°	4890.9	3826.9	2894.9	1789.7	1121.7	651.6	362.9	181.4	107.2	74.2	49.5
20°	5196.0	4066.1	3101.1	2061.9	1278.4	750.5	420.6	197.9	107.2	74.2	57.7
17.5°	5459.9	4305.3	3266.1	2292.8	1435.1	824.8	486.6	214.4	115.5	74.2	57.7
15°	5765.1	4536.2	3414.5	2474.3	1583.5	890.7	544.3	230.9	115.5	82.5	57.7
12.5°	6095.0	4750.6	3521.7	2622.8	1740.3	948.5	593.8	263.9	123.7	82.5	57.7
10°	6433.2	4932.1	3612.5	2730.0	1855.7	1006.2	626.8	296.9	132.0	82.5	57.7
7.5°	6771.3	5097.0	3727.9	2779.5	1905.2	1072.2	643.3	329.9	132.0	90.7	57.7
5°	7002.3	5204.3	3892.9	2812.4	1929.9	1146.4	668.1	371.1	140.2	90.7	57.7
2.5°	7200.2	5270.2	4066.1	2837.2	1938.2	1187.7	659.8	395.9	148.5	90.7	57.7
0°	7290.9	5270.2	4181.6	2820.7	1913.5	1228.9	659.8	420.6	148.5	90.7	57.7
-2.5°	7150.7	5418.7	4148.6	2828.9	1921.7	1228.9	692.8	428.9	165.0	99.0	57.7
-5°	6928.0	5476.4	4049.6	2787.7	1905.2	1228.9	734.0	437.1	173.2	99.0	66.0
-7.5°	6713.6	5501.2	3934.1	2746.5	1880.5	1195.9	742.3	428.9	189.7	107.2	66.0
-10°	6433.2	5229.0	3785.7	2672.2	1831.0	1171.2	758.8	428.9	197.9	107.2	66.0
-12.5°	6111.5	4899.1	3604.2	2565.0	1773.2	1146.4	767.0	428.9	206.2	115.5	66.0
-15°	5740.4	4560.9	3398.0	2449.6	1690.8	1113.4	750.5	420.6	214.4	115.5	74.2
-17.5°	5319.7	4231.0	3183.6	2309.3	1600.0	1072.2	717.5	412.4	214.4	115.5	74.2
-20°	4841.4	3901.1	2944.4	2169.1	1492.8	1022.7	684.6	395.9	214.4	115.5	74.2



REPORT NUMBER: P722508

CATALOG NUMBER: IFLD-L-SA8C-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4412.5	3596.0	2697.0	2012.4	1377.4	965.0	643.3	379.4	214.4	123.7	74.2
-25°	4057.8	3299.1	2507.3	1855.7	1253.6	899.0	602.1	362.9	214.4	123.7	74.2
-27.5°	3686.7	2977.4	2309.3	1707.3	1171.2	841.3	560.8	346.4	206.2	123.7	74.2
-30°	3307.3	2664.0	2103.1	1542.3	1088.7	783.5	527.8	321.7	206.2	123.7	74.2
-32.5°	2960.9	2408.3	1913.5	1377.4	998.0	725.8	494.9	313.4	197.9	123.7	74.2
-35°	2622.8	2177.4	1715.5	1245.4	899.0	668.1	461.9	305.2	197.9	123.7	74.2
-37.5°	2342.3	1962.9	1534.1	1154.7	841.3	618.6	428.9	288.7	189.7	123.7	74.2
-40°	2111.4	1765.0	1360.9	1055.7	791.8	569.1	395.9	280.4	189.7	123.7	74.2
-42.5°	1897.0	1575.3	1253.6	973.2	742.3	536.1	371.1	272.2	181.4	123.7	74.2
-45°	1707.3	1410.3	1146.4	899.0	684.6	494.9	354.6	255.7	173.2	123.7	82.5
-47.5°	1517.6	1294.9	1047.5	833.0	626.8	445.4	338.2	247.4	165.0	115.5	82.5
-50°	1369.1	1171.2	965.0	758.8	569.1	428.9	321.7	230.9	165.0	115.5	82.5
-52.5°	1237.1	1055.7	874.3	684.6	519.6	404.1	305.2	214.4	156.7	115.5	82.5
-55°	1113.4	948.5	783.5	610.3	486.6	379.4	280.4	197.9	156.7	115.5	82.5
-57.5°	989.7	849.5	692.8	552.6	445.4	354.6	263.9	197.9	156.7	115.5	82.5
-60°	890.7	758.8	626.8	511.4	412.4	321.7	239.2	189.7	148.5	115.5	82.5
-62.5°	808.3	684.6	569.1	461.9	379.4	288.7	230.9	189.7	148.5	115.5	74.2
-65°	725.8	618.6	511.4	420.6	338.2	272.2	222.7	181.4	148.5	115.5	74.2
-67.5°	643.3	544.3	461.9	371.1	313.4	263.9	214.4	181.4	140.2	107.2	74.2
-70°	560.8	478.4	404.1	346.4	296.9	247.4	206.2	173.2	140.2	99.0	66.0
-72.5°	494.9	420.6	362.9	321.7	280.4	239.2	197.9	165.0	132.0	90.7	57.7
-75°	420.6	371.1	329.9	288.7	255.7	222.7	189.7	148.5	115.5	82.5	57.7
-77.5°	354.6	321.7	288.7	263.9	230.9	197.9	165.0	132.0	107.2	74.2	49.5
-80°	305.2	280.4	255.7	230.9	206.2	173.2	148.5	115.5	90.7	66.0	41.2
-82.5°	247.4	230.9	206.2	189.7	173.2	148.5	123.7	99.0	66.0	49.5	33.0
-85°	189.7	173.2	165.0	148.5	132.0	107.2	82.5	66.0	49.5	33.0	16.5
-87.5°	99.0	90.7	82.5	74.2	66.0	49.5	41.2	33.0	24.7	16.5	8.2
-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: P722508

CATALOG NUMBER: IFLD-L-SA8C-740-U-76-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°	8.2	0.0	0.0	0.0
77.5°	8.2	0.0	0.0	0.0
75°	8.2	8.2	0.0	0.0
72.5°	8.2	8.2	0.0	0.0
70°	8.2	8.2	0.0	0.0
67.5°	16.5	8.2	0.0	0.0
65°	16.5	8.2	0.0	0.0
62.5°	16.5	8.2	0.0	0.0
60°	16.5	8.2	0.0	0.0
57.5°	24.7	8.2	8.2	0.0
55°	24.7	8.2	8.2	0.0
52.5°	24.7	8.2	8.2	0.0
50°	24.7	16.5	8.2	0.0
47.5°	24.7	16.5	8.2	0.0
45°	24.7	16.5	8.2	0.0
42.5°	24.7	16.5	8.2	0.0
40°	33.0	16.5	8.2	0.0
37.5°	33.0	16.5	8.2	0.0
35°	33.0	16.5	8.2	0.0
32.5°	33.0	16.5	8.2	0.0
30°	33.0	16.5	8.2	0.0
27.5°	33.0	24.7	8.2	0.0
25°	33.0	24.7	8.2	0.0
22.5°	41.2	24.7	8.2	0.0
20°	41.2	24.7	8.2	0.0
17.5°	41.2	24.7	8.2	0.0
15°	41.2	24.7	8.2	0.0
12.5°	41.2	24.7	8.2	0.0
10°	41.2	24.7	8.2	0.0
7.5°	41.2	24.7	8.2	0.0
5°	41.2	24.7	8.2	0.0
2.5°	41.2	24.7	8.2	0.0
0°	41.2	24.7	8.2	0.0
-2.5°	41.2	24.7	8.2	0.0
-5°	41.2	24.7	8.2	0.0
-7.5°	41.2	24.7	8.2	0.0
-10°	41.2	24.7	8.2	0.0
-12.5°	49.5	24.7	8.2	0.0
-15°	49.5	24.7	8.2	0.0
-17.5°	49.5	24.7	8.2	0.0
-20°	49.5	24.7	8.2	0.0

REPORT NUMBER: P722508

CATALOG NUMBER: IFLD-L-SA8C-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	49.5	24.7	8.2	0.0
-25°	49.5	24.7	8.2	0.0
-27.5°	49.5	24.7	8.2	0.0
-30°	49.5	24.7	8.2	0.0
-32.5°	49.5	24.7	8.2	0.0
-35°	49.5	24.7	8.2	0.0
-37.5°	49.5	24.7	8.2	0.0
-40°	49.5	24.7	8.2	0.0
-42.5°	41.2	24.7	8.2	0.0
-45°	49.5	24.7	8.2	0.0
-47.5°	49.5	24.7	8.2	0.0
-50°	49.5	24.7	8.2	0.0
-52.5°	49.5	24.7	8.2	0.0
-55°	49.5	24.7	8.2	0.0
-57.5°	49.5	24.7	8.2	0.0
-60°	49.5	24.7	8.2	0.0
-62.5°	41.2	24.7	8.2	0.0
-65°	41.2	16.5	8.2	0.0
-67.5°	41.2	16.5	8.2	0.0
-70°	41.2	16.5	8.2	0.0
-72.5°	33.0	16.5	8.2	0.0
-75°	33.0	16.5	8.2	0.0
-77.5°	24.7	8.2	0.0	0.0
-80°	24.7	8.2	0.0	0.0
-82.5°	16.5	8.2	0.0	0.0
-85°	8.2	8.2	0.0	0.0
-87.5°	8.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)