

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: P722044

Luminaire Tested: **IFLD-L-SA8C-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722044  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

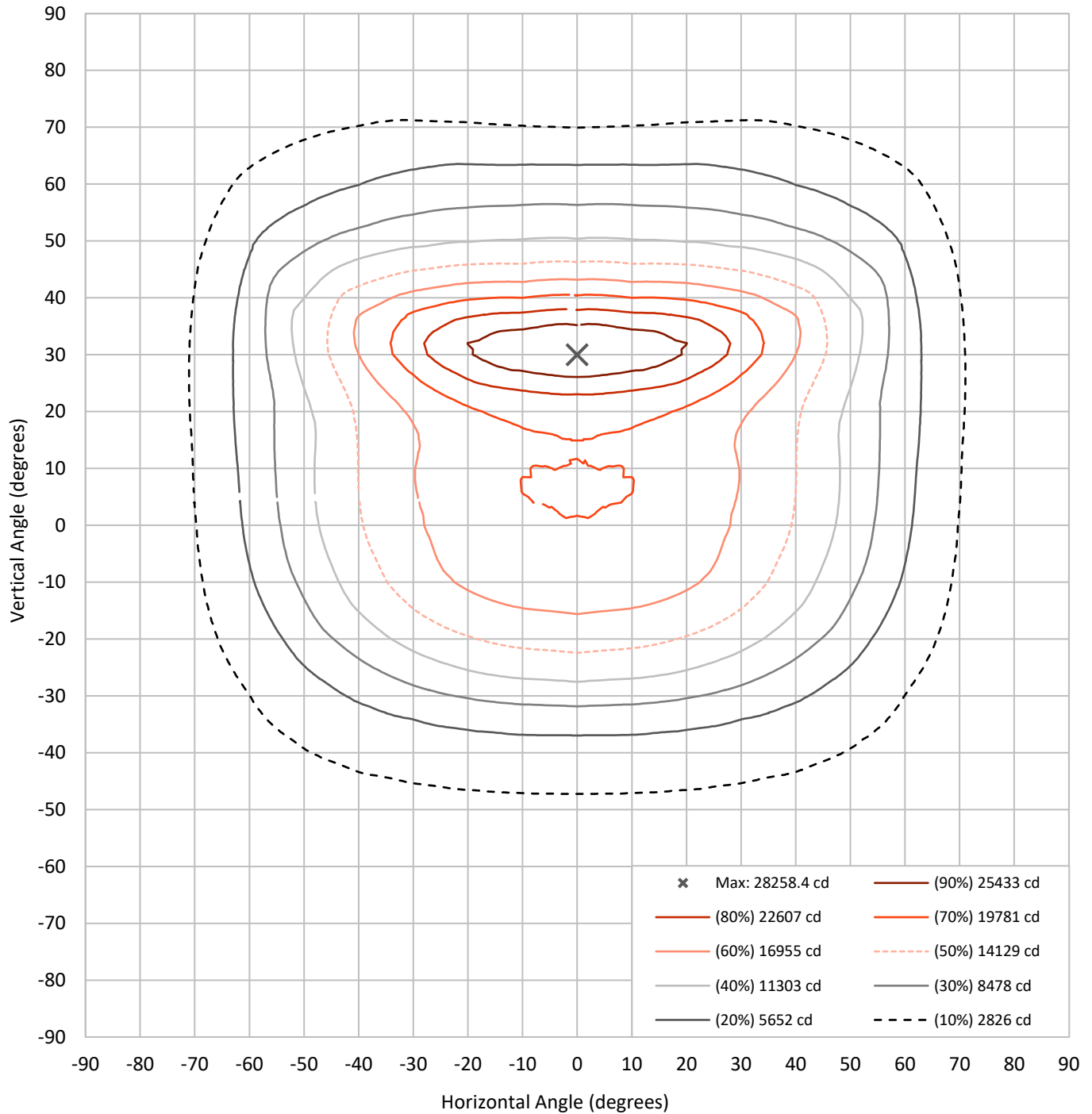
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	47170.3 lumens	Max Intensity:	28258.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	112.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	27430.1 lumens	Field Lumens:	44204.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



REPORT NUMBER: P722044  
CATALOG NUMBER: IFLD-L-SA8C-730-U-76

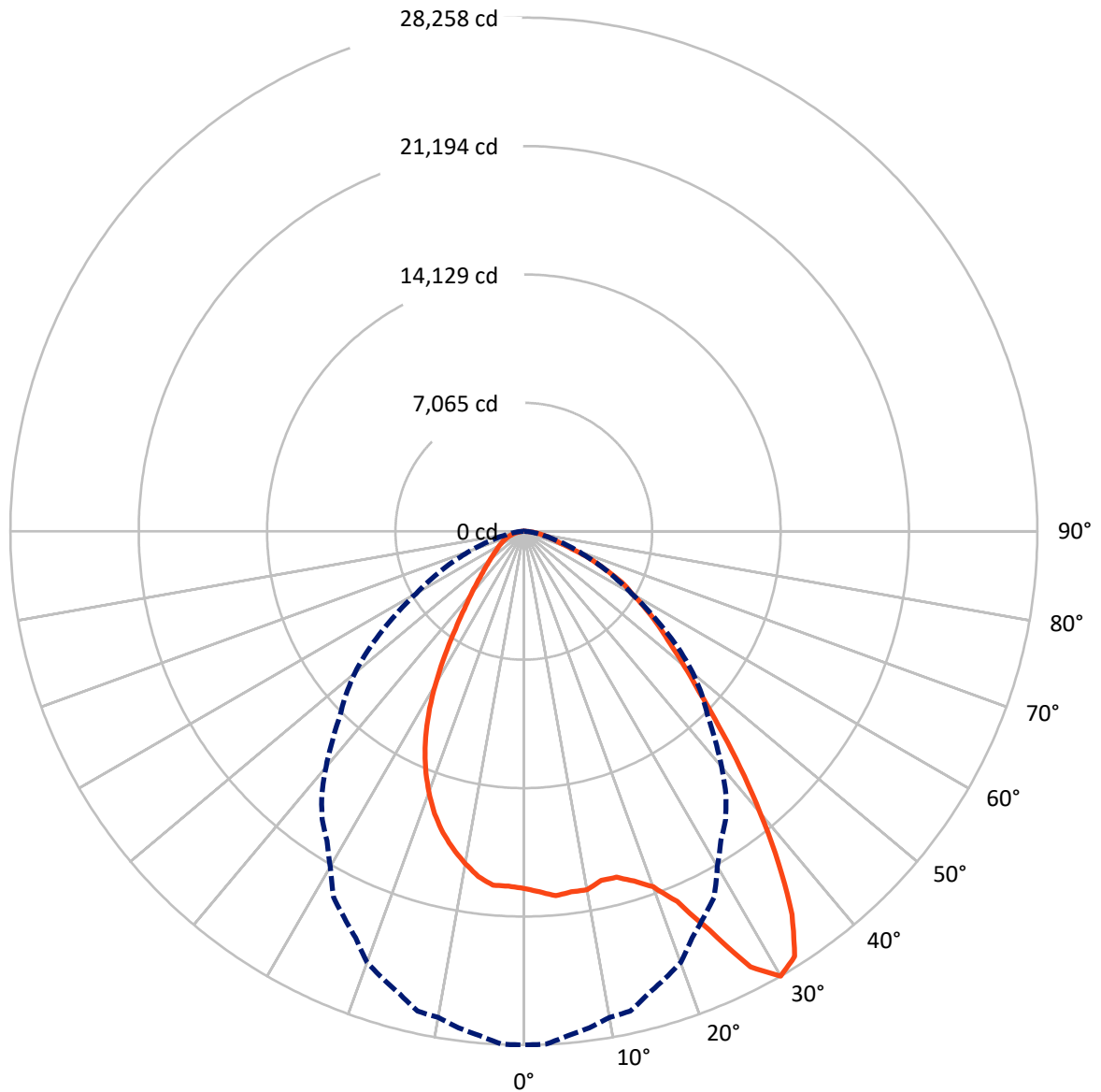
### Iso-Candela Plot





REPORT NUMBER: P722044  
CATALOG NUMBER: IFLD-L-SA8C-730-U-76

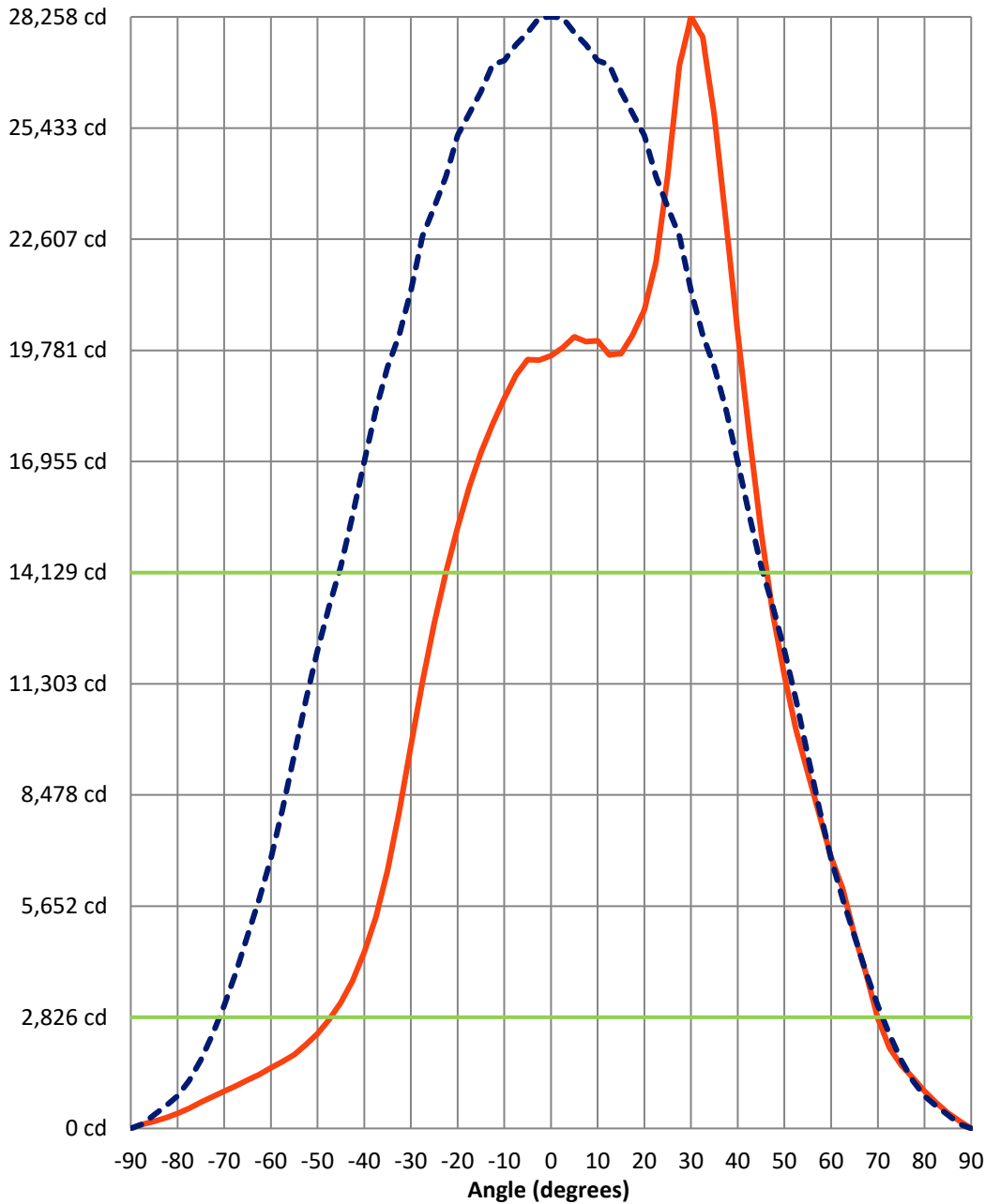
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722044  
 CATALOG NUMBER: IFLD-L-SA8C-730-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 27430.1  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 44204.7  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2965.6  
 Efficiency: 6.3%

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



REPORT NUMBER: P722044  
 CATALOG NUMBER: IFLD-L-SA8C-730-U-76

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°	189.9	194.9	199.9	199.9	194.9	194.9	194.9	189.9	194.9	194.9	194.9
85°	394.8	404.8	414.8	409.8	404.8	394.8	384.8	389.8	394.8	399.8	399.8
82.5°	654.6	669.6	679.6	674.6	664.6	654.6	644.6	649.6	659.6	664.6	664.6
80°	949.4	954.4	959.4	969.4	954.4	954.4	949.4	969.4	979.4	989.4	999.4
77.5°	1289.2	1294.2	1294.2	1299.2	1304.2	1309.2	1309.2	1344.2	1369.2	1384.2	1399.2
75°	1609.1	1624.0	1639.0	1654.0	1674.0	1684.0	1699.0	1749.0	1788.9	1818.9	1848.9
72.5°	2048.8	2068.8	2093.8	2128.7	2163.7	2188.7	2223.7	2283.7	2328.6	2358.6	2393.6
70°	2803.4	2823.3	2848.3	2873.3	2908.3	2933.3	2968.3	3043.2	3088.2	3108.2	3128.2
67.5°	3922.7	3972.7	4017.6	3967.7	3942.7	3907.7	3917.7	3987.7	4032.6	4062.6	4057.6
65°	4917.1	4952.1	4952.1	4947.1	4927.1	4882.1	4907.1	4992.1	5042.0	5067.0	4992.1
62.5°	6086.4	6086.4	6061.4	6101.4	6106.4	6076.4	6061.4	6066.4	6071.4	6086.4	5961.5
60°	6895.9	6945.9	6960.9	6995.9	7005.9	7005.9	7030.9	7050.9	7050.9	7020.9	6876.0
57.5°	7965.3	8060.3	8080.2	8055.3	8005.3	7940.3	7930.3	7900.4	7840.4	7780.4	7710.5
55°	9044.7	9094.7	9089.7	9074.7	9024.7	8949.7	8959.7	8919.8	8824.8	8749.9	8654.9
52.5°	10129.0	10249.0	10269.0	10239.0	10169.0	10089.1	10094.1	10049.1	9954.1	9874.2	9744.3
50°	11513.2	11613.2	11603.2	11553.2	11453.3	11393.3	11398.3	11313.3	11203.4	11178.4	11008.5
47.5°	13097.3	13212.2	13192.2	13122.3	12987.4	12962.4	12987.4	12877.4	12812.5	12757.5	12557.6
45°	15176.1	15311.0	15236.0	15101.1	14886.2	14911.2	14946.2	14926.2	14786.3	14641.4	14386.5
42.5°	17614.6	17699.6	17609.6	17474.7	17204.9	17254.9	17234.9	17114.9	17030.0	16790.1	16465.3
40°	20223.1	20408.0	20268.1	20058.2	19778.4	19853.3	19798.4	19643.4	19443.6	19143.7	18734.0
37.5°	23036.5	23181.4	23021.5	22776.6	22526.8	22501.8	22391.8	22152.0	21867.1	21537.3	20882.7
35°	25729.9	26104.6	25809.8	25420.1	25115.2	25000.3	24895.4	24340.7	24015.9	23481.2	22586.7
32.5°	27733.7	28008.5	27643.7	27239.0	26869.2	26709.3	26339.5	25679.9	25505.0	24380.7	23561.1
30°	28258.4	28238.4	27858.6	27548.8	27149.0	27039.1	26359.5	25799.8	25240.2	24200.8	23421.2
27.5°	27009.1	26884.2	26519.4	26249.6	25854.8	25724.9	25055.3	24755.4	23891.0	23011.5	22351.9
25°	24225.8	24290.7	24015.9	23881.0	23621.1	23341.3	23076.4	22671.7	22132.0	21362.4	20757.8
22.5°	22032.0	22117.0	22002.1	21842.2	21642.3	21487.4	21287.5	20972.7	20453.0	19978.3	19408.6
20°	20812.8	20787.8	20687.8	20567.9	20378.0	20268.1	20048.2	19783.4	19383.6	18973.8	18359.2
17.5°	20173.1	20018.2	19923.3	19878.3	19778.4	19638.5	19378.6	19108.8	18798.9	18334.2	17884.5
15°	19698.4	19723.4	19648.4	19613.5	19533.5	19338.6	19073.8	18853.9	18434.2	18199.3	17789.5
12.5°	19668.4	19643.4	19648.4	19633.5	19533.5	19283.7	19148.7	18868.9	18599.1	18289.2	17819.5
10°	20023.2	19758.4	19778.4	19848.3	19688.4	19488.5	19343.6	19038.8	18784.0	18389.2	17924.5
7.5°	20003.2	19868.3	19908.3	19793.4	19843.3	19598.5	19398.6	19093.8	18774.0	18354.2	17934.5
5°	20123.2	19918.3	19883.3	19893.3	19768.4	19583.5	19313.6	19023.8	18724.0	18254.3	17824.5
2.5°	19848.3	19878.3	19718.4	19658.4	19643.4	19333.6	19083.8	18803.9	18494.1	18079.4	17694.6
0°	19643.4	19698.4	19533.5	19448.6	19443.6	19178.7	19018.8	18699.0	18479.1	18134.3	17669.6
-2.5°	19533.5	19598.5	19618.5	19463.6	19313.6	19108.8	18838.9	18494.1	18134.3	17734.6	17334.8
-5°	19543.5	19413.6	19358.6	19408.6	19278.7	19073.8	18774.0	18469.1	18114.3	17684.6	17184.9
-7.5°	19148.7	19018.8	19008.8	18983.8	18953.9	18759.0	18509.1	18179.3	17819.5	17419.8	16955.0
-10°	18559.1	18464.1	18439.2	18414.2	18334.2	18219.3	17984.4	17684.6	17359.8	16960.0	16465.3
-12.5°	17904.5	17859.5	17764.6	17699.6	17619.6	17484.7	17259.9	16985.0	16660.2	16305.4	15880.7
-15°	17179.9	17094.9	17000.0	16945.0	16830.1	16670.2	16445.3	16190.5	15835.7	15485.9	15086.1
-17.5°	16305.4	16200.5	16095.5	16080.5	16000.6	15755.7	15545.9	15236.0	14926.2	14591.4	14201.6
-20°	15276.0	15131.1	15061.1	15021.2	14911.2	14731.3	14506.5	14221.6	13921.8	13602.0	13152.3



REPORT NUMBER: P722044

CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	14136.7	14011.8	13891.8	13816.9	13721.9	13582.0	13367.1	13117.3	12822.5	12462.7	12047.9
-25°	12842.4	12667.6	12592.6	12507.6	12457.7	12327.8	12117.9	11888.0	11583.2	11233.4	10838.6
-27.5°	11363.3	11223.4	11183.4	11063.5	11003.5	10868.6	10693.7	10478.8	10199.0	9869.2	9544.4
-30°	9729.3	9644.3	9579.4	9459.4	9414.5	9269.5	9154.6	8974.7	8719.9	8485.0	8225.2
-32.5°	8050.3	7965.3	7945.3	7890.4	7860.4	7765.4	7635.5	7505.6	7300.7	7125.8	6915.9
-35°	6561.1	6501.2	6506.2	6501.2	6471.2	6401.2	6241.3	6206.4	6056.4	5896.5	5761.6
-37.5°	5371.8	5376.8	5371.8	5366.8	5326.9	5296.9	5182.0	5137.0	5047.0	4892.1	4812.2
-40°	4477.4	4487.4	4482.4	4472.4	4427.4	4412.4	4337.4	4277.5	4242.5	4132.6	4047.6
-42.5°	3752.8	3767.8	3762.8	3757.8	3727.8	3722.8	3682.8	3612.9	3592.9	3527.9	3438.0
-45°	3203.1	3198.1	3188.1	3198.1	3183.1	3168.1	3143.2	3098.2	3073.2	3043.2	2968.3
-47.5°	2768.4	2773.4	2763.4	2763.4	2743.4	2728.4	2718.4	2688.4	2668.4	2643.4	2598.5
-50°	2408.6	2428.6	2423.6	2418.6	2403.6	2393.6	2393.6	2363.6	2333.6	2323.6	2293.7
-52.5°	2128.7	2143.7	2148.7	2158.7	2163.7	2168.7	2153.7	2123.8	2073.8	2068.8	2053.8
-55°	1873.9	1918.9	1948.9	1968.8	1988.8	2003.8	1973.8	1933.9	1883.9	1863.9	1858.9
-57.5°	1699.0	1744.0	1779.0	1808.9	1833.9	1858.9	1828.9	1788.9	1744.0	1719.0	1714.0
-60°	1539.1	1579.1	1614.1	1654.0	1689.0	1729.0	1714.0	1684.0	1659.0	1639.0	1619.0
-62.5°	1369.2	1409.2	1449.1	1499.1	1544.1	1584.1	1589.1	1584.1	1579.1	1584.1	1549.1
-65°	1229.3	1249.3	1274.3	1329.2	1379.2	1424.2	1449.1	1464.1	1489.1	1514.1	1479.1
-67.5°	1079.4	1104.4	1134.3	1174.3	1214.3	1244.3	1279.2	1319.2	1359.2	1399.2	1374.2
-70°	944.4	964.4	989.4	1009.4	1034.4	1054.4	1084.4	1129.3	1174.3	1214.3	1204.3
-72.5°	804.5	824.5	839.5	849.5	864.5	874.5	889.5	929.5	959.4	979.4	979.4
-75°	664.6	684.6	699.6	704.6	714.6	719.6	729.6	744.6	759.6	764.6	769.5
-77.5°	509.7	529.7	544.7	554.7	564.7	574.7	579.7	589.7	594.7	594.7	599.6
-80°	379.8	394.8	404.8	419.8	424.8	434.7	444.7	449.7	454.7	454.7	459.7
-82.5°	269.8	279.8	289.8	299.8	309.8	314.8	324.8	329.8	334.8	339.8	344.8
-85°	179.9	189.9	199.9	209.9	214.9	219.9	224.9	229.9	234.9	239.9	244.9
-87.5°	104.9	109.9	114.9	124.9	129.9	139.9	144.9	139.9	144.9	144.9	144.9
-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: P722044  
 CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**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°	194.9	194.9	194.9	194.9	189.9	179.9	174.9	164.9	154.9	144.9	134.9
85°	404.8	409.8	409.8	409.8	399.8	394.8	379.8	364.8	344.8	314.8	289.8
82.5°	674.6	679.6	679.6	674.6	664.6	649.6	629.6	604.6	564.7	524.7	489.7
80°	1014.4	1019.4	1019.4	1014.4	989.4	964.4	939.4	909.5	859.5	804.5	744.6
77.5°	1419.2	1429.2	1429.2	1414.2	1379.2	1349.2	1309.2	1259.3	1184.3	1104.4	1024.4
75°	1888.9	1913.9	1918.9	1903.9	1858.9	1803.9	1739.0	1654.0	1539.1	1439.2	1344.2
72.5°	2433.6	2458.6	2478.5	2458.6	2393.6	2318.6	2223.7	2123.8	2008.8	1873.9	1714.0
70°	3148.1	3173.1	3188.1	3123.2	3008.2	2883.3	2768.4	2653.4	2518.5	2353.6	2178.7
67.5°	4047.6	4022.6	3992.7	3862.7	3717.8	3567.9	3408.0	3238.1	3063.2	2888.3	2683.4
65°	4912.1	4842.2	4777.2	4622.3	4437.4	4242.5	4057.6	3867.7	3657.8	3438.0	3243.1
62.5°	5821.6	5671.7	5511.8	5321.9	5132.0	4917.1	4732.2	4507.3	4272.5	4002.6	3752.8
60°	6716.1	6536.2	6376.3	6141.4	5891.5	5601.7	5401.8	5182.0	4907.1	4617.3	4322.5
57.5°	7580.5	7385.7	7210.8	7005.9	6736.0	6421.2	6201.4	5916.5	5626.7	5261.9	4962.1
55°	8500.0	8305.1	8165.2	7935.3	7640.5	7350.7	7110.8	6811.0	6406.2	6016.5	5646.7
52.5°	9554.4	9399.5	9249.6	9014.7	8659.9	8365.1	8100.2	7765.4	7340.7	6861.0	6416.2
50°	10733.7	10653.7	10493.8	10219.0	9814.2	9554.4	9204.6	8759.8	8305.1	7800.4	7245.7
47.5°	12297.8	12167.8	11943.0	11643.2	11303.4	10913.6	10443.9	9924.2	9279.5	8719.9	8130.2
45°	14166.7	13926.8	13637.0	13232.2	12812.5	12372.7	11858.0	11198.4	10333.9	9604.4	8984.7
42.5°	16190.5	15865.7	15470.9	14941.2	14396.5	13856.9	13302.2	12402.7	11323.3	10483.8	9784.2
40°	18304.2	17889.5	17394.8	16625.2	16020.6	15326.0	14691.4	13347.2	12197.8	11288.4	10543.8
37.5°	20373.0	19848.3	19018.8	18084.4	17379.8	16810.1	15415.9	13976.8	12947.4	11948.0	11193.4
35°	21957.1	21512.3	20048.2	19078.8	18474.1	17574.7	15830.7	14356.6	13267.2	12437.7	11263.4
32.5°	22896.5	21747.2	20463.0	19483.5	18983.8	17509.7	15860.7	14466.5	13417.1	12487.7	11083.5
30°	22686.7	21297.5	20173.1	19353.6	18269.3	16945.0	15580.8	14296.6	13277.2	12152.9	10883.6
27.5°	21422.4	20348.0	19343.6	18489.1	17424.8	16235.5	14976.2	13846.9	12897.4	11808.1	10608.8
25°	19993.2	19018.8	18274.3	17529.7	16520.3	15386.0	14276.6	13462.1	12507.6	11433.3	10249.0
22.5°	18679.0	17979.4	17394.8	16615.2	15630.8	14641.4	13951.8	13107.3	12127.9	11038.5	9879.2
20°	17839.5	17364.8	16695.2	15835.7	15061.1	14441.5	13677.0	12782.5	11773.1	10633.7	9564.4
17.5°	17434.7	16885.1	16140.5	15580.8	14986.2	14306.6	13452.1	12502.6	11428.3	10448.9	9599.4
15°	17224.9	16645.2	16155.5	15605.8	14936.2	14221.6	13272.2	12287.8	11428.3	10523.8	9624.3
12.5°	17269.8	16770.1	16235.5	15635.8	14916.2	14151.7	13292.2	12377.7	11488.2	10578.8	9629.3
10°	17409.8	16885.1	16315.4	15650.8	14926.2	14171.7	13347.2	12432.7	11518.2	10603.8	9619.3
7.5°	17459.7	16890.1	16280.4	15610.8	14901.2	14161.7	13357.1	12447.7	11523.2	10598.8	9589.4
5°	17304.8	16790.1	16200.5	15525.9	14831.3	14111.7	13317.2	12427.7	11483.2	10548.8	9514.4
2.5°	17094.9	16680.2	16115.5	15465.9	14761.3	14041.7	13252.2	12337.7	11393.3	10458.8	9419.5
0°	17060.0	16545.3	15975.6	15395.9	14646.4	13886.8	13102.3	12167.8	11228.4	10288.9	9254.6
-2.5°	16830.1	16285.4	15715.8	15086.1	14426.5	13662.0	12837.5	11923.0	10993.5	10069.1	9074.7
-5°	16655.2	16050.6	15445.9	14766.3	14101.7	13337.2	12482.7	11593.2	10683.7	9784.2	8824.8
-7.5°	16420.3	15800.7	15166.1	14456.5	13736.9	12957.4	12112.9	11223.4	10328.9	9434.5	8515.0
-10°	15945.6	15400.9	14806.3	14071.7	13312.2	12532.6	11693.1	10818.6	9924.2	9019.7	8095.2
-12.5°	15371.0	14796.3	14146.7	13472.1	12792.5	12067.9	11228.4	10368.9	9469.4	8560.0	7640.5
-15°	14626.4	14061.7	13397.1	12737.5	12082.9	11388.3	10648.7	9874.2	8959.7	8065.3	7145.8
-17.5°	13696.9	13167.3	12572.6	11943.0	11293.4	10593.8	9874.2	9219.6	8365.1	7525.6	6616.1
-20°	12697.5	12202.8	11668.1	11073.5	10423.9	9739.3	9059.7	8375.1	7635.5	6895.9	6051.4



REPORT NUMBER: P722044

CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11658.1	11158.4	10618.8	10064.1	9464.4	8829.8	8200.2	7545.6	6895.9	6226.3	5511.8
-25°	10458.8	10019.1	9524.4	8984.7	8450.0	7895.4	7295.7	6701.1	6146.4	5566.7	4982.1
-27.5°	9204.6	8799.8	8350.1	7880.4	7420.6	6955.9	6436.2	5886.5	5426.8	4947.1	4462.4
-30°	7885.4	7560.6	7195.8	6786.0	6431.2	6056.4	5621.7	5167.0	4747.2	4382.4	3992.7
-32.5°	6636.1	6361.3	6101.4	5831.6	5481.8	5191.9	4892.1	4557.3	4187.5	3842.7	3562.9
-35°	5561.7	5266.9	5157.0	4957.1	4707.2	4452.4	4232.5	3992.7	3712.8	3408.0	3178.1
-37.5°	4657.3	4482.4	4327.5	4217.5	4052.6	3847.7	3672.8	3497.9	3283.1	3053.2	2823.3
-40°	3952.7	3832.7	3662.8	3607.9	3502.9	3363.0	3183.1	3048.2	2903.3	2728.4	2533.5
-42.5°	3388.0	3298.1	3188.1	3093.2	3048.2	2948.3	2808.3	2678.4	2563.5	2443.6	2293.7
-45°	2923.3	2863.3	2793.4	2708.4	2673.4	2593.5	2493.5	2348.6	2283.7	2183.7	2073.8
-47.5°	2548.5	2518.5	2468.5	2413.6	2363.6	2303.6	2213.7	2123.8	2033.8	1968.8	1883.9
-50°	2253.7	2233.7	2203.7	2158.7	2093.8	2053.8	1993.8	1913.9	1828.9	1774.0	1714.0
-52.5°	2018.8	1998.8	1978.8	1943.9	1893.9	1853.9	1803.9	1739.0	1669.0	1614.1	1564.1
-55°	1838.9	1808.9	1793.9	1764.0	1724.0	1679.0	1634.0	1589.1	1529.1	1479.1	1429.2
-57.5°	1699.0	1659.0	1639.0	1614.1	1574.1	1529.1	1494.1	1449.1	1409.2	1354.2	1309.2
-60°	1589.1	1544.1	1504.1	1479.1	1444.2	1399.2	1364.2	1329.2	1289.2	1244.3	1189.3
-62.5°	1499.1	1444.2	1389.2	1359.2	1324.2	1284.2	1249.3	1214.3	1174.3	1129.3	1079.4
-65°	1414.2	1349.2	1279.2	1249.3	1214.3	1174.3	1129.3	1104.4	1069.4	1029.4	979.4
-67.5°	1309.2	1239.3	1179.3	1144.3	1109.3	1074.4	1034.4	1009.4	974.4	924.5	874.5
-70°	1154.3	1109.3	1069.4	1039.4	1009.4	979.4	939.4	899.5	859.5	814.5	769.5
-72.5°	959.4	944.4	939.4	924.5	889.5	854.5	814.5	774.5	739.6	704.6	669.6
-75°	774.5	784.5	794.5	789.5	754.6	719.6	684.6	649.6	624.6	594.7	564.7
-77.5°	614.6	624.6	634.6	634.6	609.6	589.7	564.7	539.7	519.7	494.7	464.7
-80°	474.7	489.7	504.7	514.7	494.7	479.7	459.7	439.7	419.8	399.8	379.8
-82.5°	359.8	374.8	389.8	399.8	384.8	374.8	359.8	344.8	329.8	309.8	294.8
-85°	259.8	269.8	279.8	284.8	274.8	264.8	254.9	244.9	234.9	219.9	209.9
-87.5°	149.9	154.9	159.9	164.9	154.9	144.9	139.9	129.9	124.9	114.9	109.9
-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: P722044  
 CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**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°	124.9	114.9	104.9	99.9	89.9	75.0	65.0	55.0	45.0	35.0	30.0
85°	264.8	239.9	209.9	194.9	174.9	154.9	134.9	114.9	94.9	75.0	55.0
82.5°	454.7	424.8	394.8	359.8	314.8	259.8	204.9	169.9	139.9	109.9	85.0
80°	684.6	629.6	579.7	534.7	484.7	414.8	339.8	269.8	189.9	144.9	109.9
77.5°	949.4	884.5	814.5	739.6	659.6	564.7	479.7	389.8	294.8	199.9	139.9
75°	1249.3	1164.3	1069.4	964.4	859.5	734.6	614.6	509.7	399.8	279.8	169.9
72.5°	1584.1	1479.1	1364.2	1224.3	1059.4	914.5	769.5	629.6	499.7	354.8	229.9
70°	2013.8	1848.9	1679.0	1529.1	1319.2	1089.4	919.5	759.6	594.7	434.7	289.8
67.5°	2473.5	2273.7	2068.8	1848.9	1584.1	1314.2	1069.4	889.5	694.6	509.7	344.8
65°	2973.3	2723.4	2463.6	2218.7	1853.9	1534.1	1259.3	1014.4	789.5	579.7	399.8
62.5°	3487.9	3193.1	2893.3	2573.5	2153.7	1759.0	1439.2	1154.3	879.5	644.6	449.7
60°	4037.6	3692.8	3328.0	2928.3	2438.6	2003.8	1609.1	1299.2	974.4	709.6	504.7
57.5°	4617.3	4242.5	3812.8	3273.1	2733.4	2238.7	1803.9	1429.2	1059.4	769.5	544.7
55°	5246.9	4817.2	4347.4	3632.9	3023.2	2473.5	1998.8	1559.1	1149.3	819.5	584.7
52.5°	5926.5	5426.8	4832.2	4012.6	3328.0	2713.4	2178.7	1674.0	1234.3	874.5	619.6
50°	6686.1	6056.4	5256.9	4362.4	3592.9	2938.3	2358.6	1798.9	1304.2	934.5	649.6
47.5°	7475.6	6796.0	5636.7	4687.2	3862.7	3158.1	2543.5	1908.9	1374.2	984.4	679.6
45°	8300.1	7310.7	6031.5	4977.1	4097.6	3358.0	2683.4	2008.8	1459.1	1029.4	704.6
42.5°	9114.6	7700.5	6376.3	5266.9	4317.5	3537.9	2798.4	2103.8	1529.1	1074.4	729.6
40°	9499.4	7995.3	6651.1	5466.8	4502.4	3697.8	2898.3	2188.7	1589.1	1104.4	754.6
37.5°	9659.3	8175.2	6831.0	5656.7	4647.3	3782.8	2983.2	2263.7	1639.0	1134.3	774.5
35°	9694.3	8240.2	6920.9	5786.6	4767.2	3862.7	3048.2	2318.6	1679.0	1164.3	794.5
32.5°	9629.3	8220.2	6945.9	5831.6	4842.2	3922.7	3093.2	2358.6	1709.0	1194.3	814.5
30°	9484.4	8115.2	6856.0	5826.6	4897.1	3957.7	3123.2	2388.6	1739.0	1214.3	824.5
27.5°	9249.6	7930.3	6741.0	5831.6	4927.1	3972.7	3138.2	2403.6	1759.0	1229.3	844.5
25°	8959.7	7680.5	6746.0	5821.6	4932.1	3977.7	3138.2	2403.6	1764.0	1234.3	859.5
22.5°	8624.9	7680.5	6746.0	5806.6	4902.1	3967.7	3123.2	2393.6	1764.0	1244.3	874.5
20°	8644.9	7685.5	6731.0	5776.6	4857.1	3937.7	3088.2	2368.6	1749.0	1259.3	884.5
17.5°	8659.9	7675.5	6701.1	5736.6	4797.2	3887.7	3043.2	2333.6	1749.0	1274.3	889.5
15°	8659.9	7645.5	6656.1	5676.7	4722.2	3817.8	2978.2	2303.6	1754.0	1279.2	899.5
12.5°	8644.9	7590.5	6586.1	5596.7	4632.3	3732.8	2938.3	2293.7	1754.0	1284.2	899.5
10°	8614.9	7515.6	6496.2	5496.8	4547.3	3702.8	2918.3	2273.7	1744.0	1284.2	899.5
7.5°	8560.0	7425.6	6421.2	5436.8	4497.4	3667.8	2888.3	2243.7	1729.0	1274.3	909.5
5°	8475.0	7375.7	6361.3	5366.8	4427.4	3642.9	2868.3	2218.7	1719.0	1274.3	899.5
2.5°	8365.1	7315.7	6291.3	5276.9	4347.4	3557.9	2803.4	2163.7	1684.0	1254.3	889.5
0°	8185.2	7195.8	6171.4	5152.0	4237.5	3473.0	2738.4	2108.8	1649.0	1234.3	879.5
-2.5°	8020.3	7035.9	6016.5	5022.0	4132.6	3398.0	2688.4	2078.8	1634.0	1229.3	874.5
-5°	7790.4	6816.0	5811.6	4852.1	3992.7	3323.0	2638.4	2043.8	1619.0	1219.3	874.5
-7.5°	7535.6	6586.1	5596.7	4677.2	3852.7	3193.1	2543.5	1988.8	1584.1	1199.3	869.5
-10°	7140.8	6241.3	5326.9	4477.4	3702.8	3078.2	2463.6	1938.9	1554.1	1179.3	849.5
-12.5°	6721.0	5861.6	5017.0	4232.5	3532.9	2958.3	2373.6	1883.9	1519.1	1159.3	839.5
-15°	6276.3	5471.8	4692.2	3977.7	3348.0	2813.3	2278.7	1823.9	1484.1	1134.3	824.5
-17.5°	5811.6	5062.0	4357.4	3717.8	3163.1	2663.4	2178.7	1769.0	1444.2	1109.3	809.5
-20°	5321.9	4642.3	4017.6	3453.0	2968.3	2513.5	2073.8	1704.0	1399.2	1079.4	789.5



REPORT NUMBER: P722044

CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4837.2	4227.5	3667.8	3193.1	2768.4	2358.6	1968.8	1639.0	1349.2	1044.4	774.5
-25°	4407.4	3837.7	3358.0	2943.3	2573.5	2208.7	1858.9	1574.1	1294.2	1009.4	754.6
-27.5°	3987.7	3502.9	3053.2	2708.4	2383.6	2063.8	1754.0	1504.1	1239.3	969.4	734.6
-30°	3597.9	3183.1	2813.3	2478.5	2203.7	1933.9	1664.0	1434.2	1179.3	929.5	709.6
-32.5°	3243.1	2908.3	2598.5	2278.7	2033.8	1803.9	1579.1	1364.2	1119.3	889.5	684.6
-35°	2913.3	2653.4	2383.6	2113.8	1863.9	1684.0	1489.1	1289.2	1064.4	844.5	659.6
-37.5°	2618.5	2408.6	2193.7	1963.8	1749.0	1569.1	1404.2	1214.3	1009.4	804.5	634.6
-40°	2363.6	2193.7	2003.8	1818.9	1639.0	1469.1	1319.2	1139.3	954.4	774.5	609.6
-42.5°	2128.7	1998.8	1843.9	1689.0	1529.1	1379.2	1234.3	1059.4	899.5	739.6	584.7
-45°	1948.9	1818.9	1694.0	1554.1	1419.2	1289.2	1144.3	989.4	849.5	699.6	559.7
-47.5°	1779.0	1664.0	1549.1	1434.2	1324.2	1204.3	1059.4	929.5	794.5	664.6	539.7
-50°	1629.0	1519.1	1419.2	1319.2	1224.3	1109.3	974.4	869.5	749.6	629.6	514.7
-52.5°	1489.1	1394.2	1294.2	1214.3	1134.3	1019.4	909.5	809.5	704.6	589.7	489.7
-55°	1364.2	1274.3	1184.3	1109.3	1034.4	934.5	844.5	759.6	659.6	559.7	464.7
-57.5°	1244.3	1169.3	1084.4	1014.4	939.4	859.5	784.5	704.6	614.6	529.7	439.7
-60°	1134.3	1064.4	989.4	919.5	854.5	789.5	719.6	654.6	574.7	494.7	414.8
-62.5°	1024.4	964.4	899.5	829.5	779.5	719.6	664.6	599.6	534.7	464.7	369.8
-65°	924.5	869.5	809.5	749.6	704.6	659.6	609.6	549.7	494.7	429.7	329.8
-67.5°	824.5	774.5	724.6	674.6	634.6	599.6	549.7	504.7	459.7	389.8	289.8
-70°	729.6	689.6	644.6	604.6	574.7	534.7	499.7	459.7	419.8	339.8	244.9
-72.5°	639.6	599.6	564.7	534.7	509.7	474.7	444.7	414.8	359.8	284.8	204.9
-75°	534.7	509.7	489.7	464.7	439.7	414.8	389.8	354.8	299.8	229.9	159.9
-77.5°	439.7	424.8	409.8	389.8	369.8	349.8	319.8	284.8	239.9	179.9	129.9
-80°	359.8	344.8	334.8	314.8	299.8	279.8	249.9	219.9	174.9	139.9	104.9
-82.5°	274.8	264.8	254.9	244.9	229.9	209.9	179.9	154.9	129.9	104.9	80.0
-85°	194.9	189.9	179.9	169.9	154.9	139.9	119.9	104.9	89.9	70.0	55.0
-87.5°	99.9	94.9	89.9	85.0	80.0	70.0	60.0	50.0	45.0	35.0	25.0
-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: P722044  
 CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	20.0	15.0	5.0	0.0
85°	40.0	25.0	10.0	0.0
82.5°	60.0	40.0	15.0	0.0
80°	80.0	50.0	25.0	0.0
77.5°	99.9	60.0	30.0	0.0
75°	119.9	75.0	35.0	0.0
72.5°	134.9	85.0	40.0	0.0
70°	159.9	99.9	45.0	0.0
67.5°	199.9	109.9	50.0	0.0
65°	234.9	119.9	55.0	0.0
62.5°	274.8	129.9	60.0	0.0
60°	309.8	139.9	65.0	0.0
57.5°	344.8	164.9	70.0	0.0
55°	374.8	184.9	75.0	0.0
52.5°	409.8	204.9	80.0	0.0
50°	439.7	224.9	85.0	0.0
47.5°	464.7	244.9	85.0	0.0
45°	484.7	259.8	89.9	0.0
42.5°	499.7	274.8	94.9	0.0
40°	514.7	289.8	99.9	0.0
37.5°	529.7	304.8	99.9	0.0
35°	544.7	319.8	104.9	0.0
32.5°	559.7	334.8	104.9	0.0
30°	569.7	344.8	109.9	0.0
27.5°	584.7	354.8	109.9	0.0
25°	589.7	364.8	114.9	0.0
22.5°	599.6	369.8	114.9	0.0
20°	609.6	379.8	114.9	0.0
17.5°	614.6	384.8	119.9	0.0
15°	614.6	389.8	124.9	0.0
12.5°	619.6	394.8	124.9	0.0
10°	619.6	404.8	119.9	0.0
7.5°	629.6	399.8	119.9	0.0
5°	624.6	399.8	119.9	0.0
2.5°	619.6	394.8	119.9	0.0
0°	614.6	394.8	119.9	0.0
-2.5°	614.6	394.8	119.9	0.0
-5°	614.6	394.8	119.9	0.0
-7.5°	609.6	399.8	119.9	0.0
-10°	599.6	399.8	119.9	0.0
-12.5°	594.7	384.8	119.9	0.0
-15°	589.7	379.8	119.9	0.0
-17.5°	579.7	374.8	114.9	0.0
-20°	569.7	369.8	114.9	0.0



REPORT NUMBER: P722044

CATALOG NUMBER: IFLD-L-SA8C-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	559.7	359.8	114.9	0.0
-25°	549.7	349.8	109.9	0.0
-27.5°	539.7	339.8	109.9	0.0
-30°	524.7	329.8	104.9	0.0
-32.5°	509.7	319.8	104.9	0.0
-35°	499.7	304.8	99.9	0.0
-37.5°	484.7	289.8	99.9	0.0
-40°	469.7	274.8	94.9	0.0
-42.5°	454.7	259.8	89.9	0.0
-45°	434.7	244.9	89.9	0.0
-47.5°	419.8	229.9	85.0	0.0
-50°	394.8	209.9	80.0	0.0
-52.5°	364.8	189.9	75.0	0.0
-55°	334.8	174.9	70.0	0.0
-57.5°	304.8	154.9	70.0	0.0
-60°	274.8	134.9	65.0	0.0
-62.5°	244.9	124.9	60.0	0.0
-65°	214.9	114.9	55.0	0.0
-67.5°	179.9	99.9	50.0	0.0
-70°	149.9	89.9	45.0	0.0
-72.5°	129.9	80.0	40.0	0.0
-75°	109.9	70.0	35.0	0.0
-77.5°	94.9	60.0	30.0	0.0
-80°	75.0	45.0	20.0	0.0
-82.5°	55.0	35.0	15.0	0.0
-85°	35.0	25.0	10.0	0.0
-87.5°	20.0	10.0	5.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)