

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6C-940-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

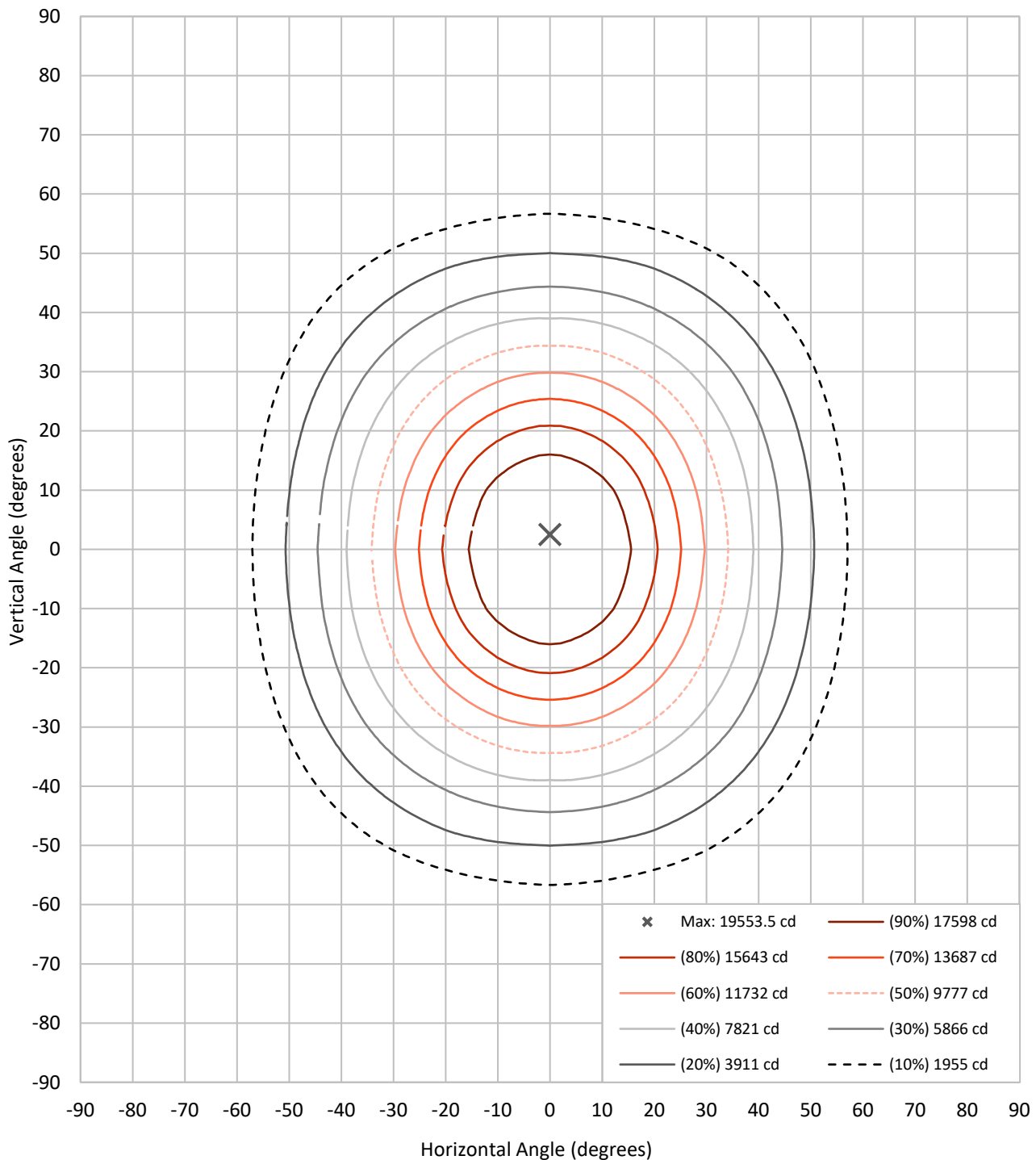
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26464 lumens	Max Intensity:	19553.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	109.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	15867 lumens	Field Lumens:	25280.2 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 241
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: 25 FT



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Iso-Candela Plot





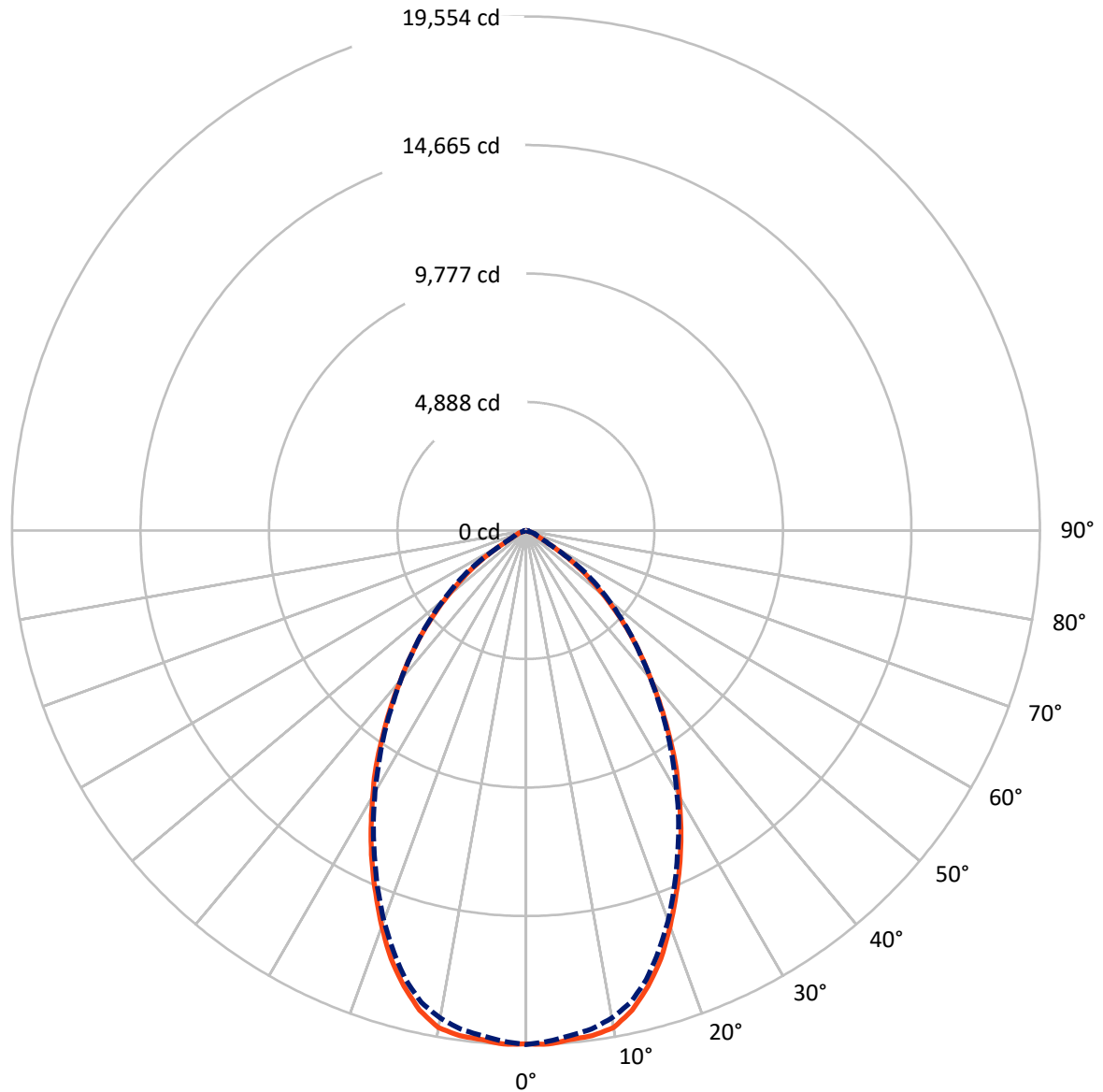
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Lumen Table

90																			
80	0.2	2.5		6.4		11.1		7.8		11.1		6.4		2.5		0.2			
70																			
60	1.2	1.8	3.5	5.6	8.2	10.7	13.1	14.8	14.8	13.1	10.7	8.2	5.6	3.5	1.8	1.2			
50		2.9	5.9	10.7	20.5	39.8	59.7	71.4	71.4	59.7	39.8	20.5	10.7	5.9	2.9				
40	2.1	3.8	8.7	25.3	66.7	110.9	147.5	168.2	168.2	147.5	110.9	66.7	25.3	8.7	3.8	2.1			
30		4.7	14.9	58.4	119.8	187.0	247.8	284.2	284.2	247.8	187.0	119.8	58.4	14.9	4.7				
20	2.2	5.7	27.1	88.4	169.9	265.9	355.4	411.7	411.7	355.4	265.9	169.9	88.4	27.1	5.7	2.2			
10		6.7	38.7	110.0	209.4	332.3	452.5	528.6	528.6	452.5	332.3	209.4	110.0	38.7	6.7				
0	2.4	7.3	45.1	121.6	231.7	371.3	508.3	581.1	581.1	508.3	371.3	231.7	121.6	45.1	7.3	2.4			
-10		7.3	45.1	121.6	231.7	371.3	508.3	581.1	581.1	508.3	371.3	231.7	121.6	45.1	7.3				
-20	2.2	6.7	38.7	110.0	209.4	332.3	452.5	528.6	528.6	452.5	332.3	209.4	110.0	38.7	6.7	2.2			
-30		5.7	27.1	88.4	169.9	265.9	355.4	411.7	411.7	355.4	265.9	169.9	88.4	27.1	5.7				
-40	2.1	4.7	14.9	58.4	119.8	187.0	247.8	284.2	284.2	247.8	187.0	119.8	58.4	14.9	4.7	2.1			
-50		3.8	8.7	25.3	66.7	110.9	147.5	168.2	168.2	147.5	110.9	66.7	25.3	8.7	3.8				
-60	1.2	2.9	5.9	10.7	20.5	39.8	59.7	71.4	71.4	59.7	39.8	20.5	10.7	5.9	2.9	1.2			
-70		1.8	3.5	5.6	8.2	10.7	13.1	14.8	14.8	13.1	10.7	8.2	5.6	3.5	1.8				
-80	0.2	2.5		6.4		11.1		7.8		11.1		6.4		2.5		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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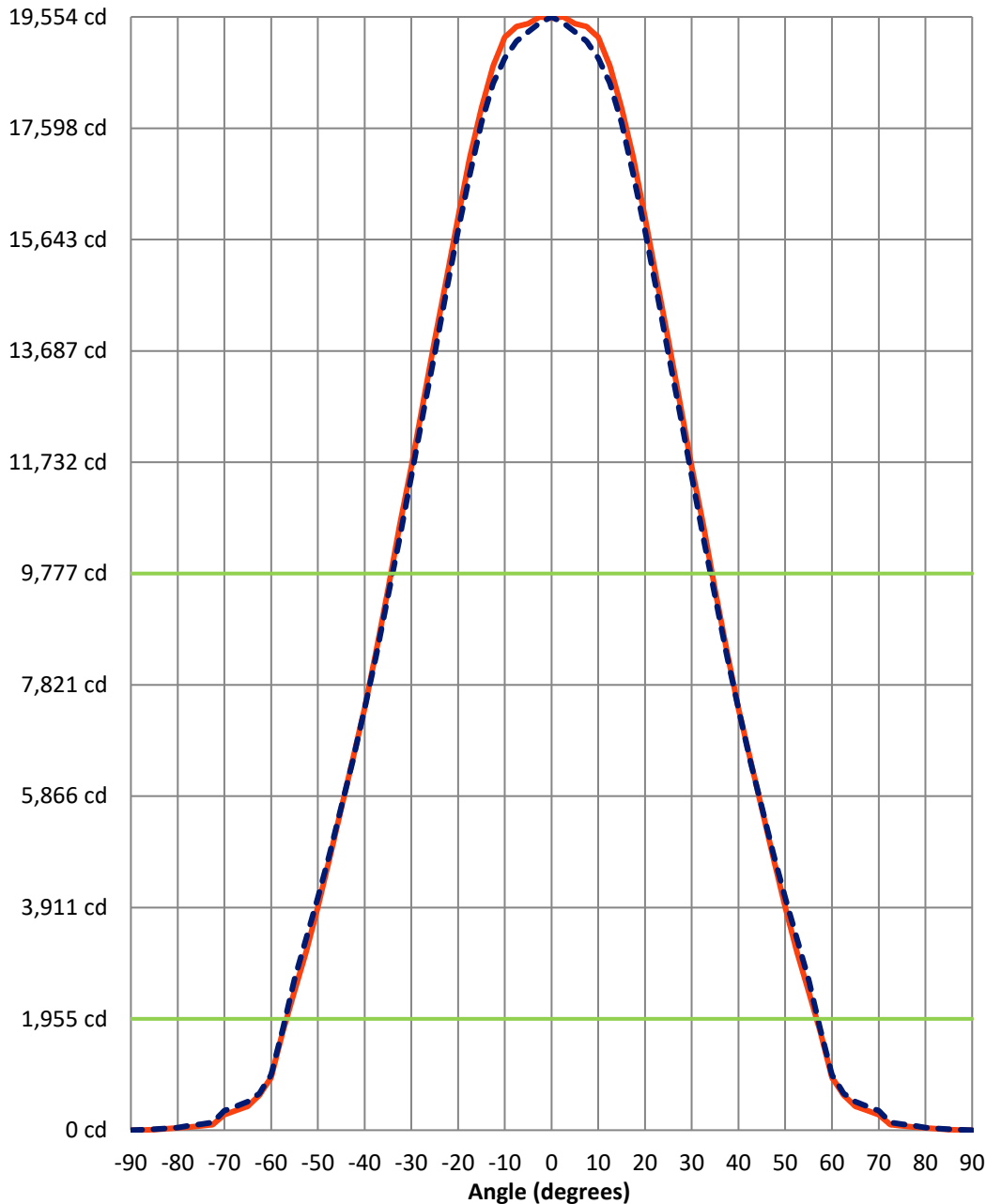
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 15867
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 25280.2
Efficiency: 95.5%

Spill:
Lumens: 1183.8
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
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	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	8.1	11.1	14.2
80°	0.0	1.3	2.6	3.9	5.2	6.5	8.2	12.1	16.1	20.3	24.7
77.5°	0.0	1.6	3.2	4.9	6.5	8.9	13.8	18.9	24.1	29.5	36.8
75°	0.0	1.9	3.9	5.8	8.0	12.9	19.3	25.7	32.6	43.6	54.4
72.5°	0.0	2.3	4.5	6.7	10.6	16.8	24.7	33.8	46.7	59.3	71.7
70°	0.0	2.6	5.1	7.8	13.2	20.5	30.4	46.0	60.5	75.0	95.5
67.5°	0.0	2.9	5.7	9.3	15.6	24.1	39.6	58.0	74.2	95.8	120.1
65°	0.0	3.2	6.3	10.8	17.9	28.8	48.3	69.7	91.1	115.9	143.4
62.5°	0.0	3.5	6.9	12.2	20.1	34.5	56.3	82.5	107.2	135.6	165.7
60°	0.0	3.7	7.5	13.5	22.1	39.7	63.7	95.1	122.5	156.8	188.0
57.5°	0.0	4.0	8.2	14.7	25.2	44.4	71.1	106.5	141.2	178.0	206.7
55°	0.0	4.3	9.0	15.8	28.0	48.6	77.7	115.4	160.7	198.0	223.7
52.5°	0.0	4.6	9.7	16.8	30.5	52.3	83.4	128.5	180.1	213.6	240.6
50°	0.0	4.8	10.4	17.7	32.7	55.7	88.1	140.7	197.8	229.1	258.4
47.5°	0.0	5.1	11.0	18.6	34.4	58.5	92.5	151.3	211.7	244.5	275.3
45°	0.0	5.3	11.7	19.6	35.8	60.6	100.0	160.3	217.6	258.5	291.0
42.5°	0.0	5.5	12.3	20.4	36.8	62.0	106.2	165.3	221.6	271.4	308.3
40°	0.0	5.7	12.9	21.3	37.5	62.7	111.2	167.2	223.9	282.3	325.5
37.5°	0.0	5.9	13.4	22.4	37.8	62.7	114.9	167.8	226.3	287.1	342.1
35°	0.0	6.1	13.9	23.3	37.6	64.1	117.4	166.9	228.7	297.6	358.6
32.5°	0.0	6.3	14.4	24.3	37.1	65.8	117.9	164.7	231.0	311.0	375.0
30°	0.0	6.5	14.9	25.1	36.2	66.6	115.7	162.3	233.2	326.9	390.6
27.5°	0.0	6.7	15.3	25.9	37.1	66.7	112.5	162.7	239.0	345.2	405.2
25°	0.0	6.8	15.7	26.6	38.2	65.9	108.5	162.8	251.3	359.7	419.1
22.5°	0.0	6.9	16.1	27.3	39.3	65.9	103.6	162.5	264.4	370.8	436.7
20°	0.0	7.0	16.4	27.9	40.2	69.0	97.8	161.6	277.9	380.8	452.4
17.5°	0.0	7.2	16.7	28.4	41.2	71.7	96.8	160.1	291.4	389.8	466.1
15°	0.0	7.2	16.9	28.9	42.0	74.0	98.8	159.2	304.6	397.7	477.9
12.5°	0.0	7.3	17.1	29.3	42.8	76.0	100.5	158.2	316.3	404.5	487.7
10°	0.0	7.4	17.3	29.6	43.5	77.6	102.0	155.0	326.0	409.8	495.0
7.5°	0.0	7.4	17.4	29.9	44.0	78.8	103.3	150.1	333.8	414.0	499.2
5°	0.0	7.5	17.5	30.1	44.5	79.7	104.4	143.7	339.2	417.1	501.4
2.5°	0.0	7.5	17.6	30.2	44.9	80.2	105.1	136.3	342.1	419.1	501.7
0°	0.0	7.5	17.6	30.2	45.2	80.4	105.6	128.2	341.9	419.8	500.2
-2.5°	0.0	7.5	17.6	30.2	44.9	80.2	105.1	136.3	342.1	419.1	501.7
-5°	0.0	7.5	17.5	30.1	44.5	79.7	104.4	143.7	339.2	417.1	501.4
-7.5°	0.0	7.4	17.4	29.9	44.0	78.8	103.3	150.1	333.8	414.0	499.2
-10°	0.0	7.4	17.3	29.6	43.5	77.6	102.0	155.0	326.0	409.8	495.0
-12.5°	0.0	7.3	17.1	29.3	42.8	76.0	100.5	158.2	316.3	404.5	487.7
-15°	0.0	7.2	16.9	28.9	42.0	74.0	98.8	159.2	304.6	397.7	477.9
-17.5°	0.0	7.2	16.7	28.4	41.2	71.7	96.8	160.1	291.4	389.8	466.1
-20°	0.0	7.0	16.4	27.9	40.2	69.0	97.8	161.6	277.9	380.8	452.4



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.9	16.1	27.3	39.3	65.9	103.6	162.5	264.4	370.8	436.7
-25°	0.0	6.8	15.7	26.6	38.2	65.9	108.5	162.8	251.3	359.7	419.1
-27.5°	0.0	6.7	15.3	25.9	37.1	66.7	112.5	162.7	239.0	345.2	405.2
-30°	0.0	6.5	14.9	25.1	36.2	66.6	115.7	162.3	233.2	326.9	390.6
-32.5°	0.0	6.3	14.4	24.3	37.1	65.8	117.9	164.7	231.0	311.0	375.0
-35°	0.0	6.1	13.9	23.3	37.6	64.1	117.4	166.9	228.7	297.6	358.6
-37.5°	0.0	5.9	13.4	22.4	37.8	62.7	114.9	167.8	226.3	287.1	342.1
-40°	0.0	5.7	12.9	21.3	37.5	62.7	111.2	167.2	223.9	282.3	325.5
-42.5°	0.0	5.5	12.3	20.4	36.8	62.0	106.2	165.3	221.6	271.4	308.3
-45°	0.0	5.3	11.7	19.6	35.8	60.6	100.0	160.3	217.6	258.5	291.0
-47.5°	0.0	5.1	11.0	18.6	34.4	58.5	92.5	151.3	211.7	244.5	275.3
-50°	0.0	4.8	10.4	17.7	32.7	55.7	88.1	140.7	197.8	229.1	258.4
-52.5°	0.0	4.6	9.7	16.8	30.5	52.3	83.4	128.5	180.1	213.6	240.6
-55°	0.0	4.3	9.0	15.8	28.0	48.6	77.7	115.4	160.7	198.0	223.7
-57.5°	0.0	4.0	8.2	14.7	25.2	44.4	71.1	106.5	141.2	178.0	206.7
-60°	0.0	3.7	7.5	13.5	22.1	39.7	63.7	95.1	122.5	156.8	188.0
-62.5°	0.0	3.5	6.9	12.2	20.1	34.5	56.3	82.5	107.2	135.6	165.7
-65°	0.0	3.2	6.3	10.8	17.9	28.8	48.3	69.7	91.1	115.9	143.4
-67.5°	0.0	2.9	5.7	9.3	15.6	24.1	39.6	58.0	74.2	95.8	120.1
-70°	0.0	2.6	5.1	7.8	13.2	20.5	30.4	46.0	60.5	75.0	95.5
-72.5°	0.0	2.3	4.5	6.7	10.6	16.8	24.7	33.8	46.7	59.3	71.7
-75°	0.0	1.9	3.9	5.8	8.0	12.9	19.3	25.7	32.6	43.6	54.4
-77.5°	0.0	1.6	3.2	4.9	6.5	8.9	13.8	18.9	24.1	29.5	36.8
-80°	0.0	1.3	2.6	3.9	5.2	6.5	8.2	12.1	16.1	20.3	24.7
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	8.1	11.1	14.2
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-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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 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	3.2	3.1	3.0	2.9	3.0	3.2	3.4	3.5	3.2	2.9	2.5
85°	6.4	6.3	7.1	7.6	8.4	9.0	9.2	9.2	10.3	11.7	13.4
82.5°	15.9	17.0	17.7	17.8	18.1	18.0	17.8	17.7	21.8	27.1	33.0
80°	26.8	27.9	32.1	36.6	39.0	39.0	36.9	32.9	39.0	48.8	60.5
77.5°	43.6	50.1	56.8	63.7	65.0	61.7	56.3	48.9	57.6	74.9	94.5
75°	63.5	72.2	82.0	89.5	89.5	84.1	77.1	75.6	90.3	111.3	128.6
72.5°	86.7	99.5	109.0	115.4	114.8	113.9	116.7	122.9	134.9	150.3	163.6
70°	114.8	127.6	134.7	137.9	139.2	146.2	156.6	164.4	173.0	188.1	202.1
67.5°	142.7	152.5	158.7	163.0	174.7	188.1	198.5	208.0	218.6	234.1	246.8
65°	167.5	177.5	186.3	199.4	216.5	229.1	241.5	254.3	272.7	290.0	300.4
62.5°	191.8	202.5	215.8	233.6	252.1	268.2	288.4	311.3	335.1	352.9	373.1
60°	210.7	225.8	244.7	265.8	287.9	314.2	340.1	366.9	391.3	415.1	445.0
57.5°	228.6	250.4	274.0	298.8	328.0	360.9	392.5	421.4	452.1	485.3	519.1
55°	248.2	276.7	303.0	332.5	368.2	409.9	445.2	479.3	516.1	571.9	620.6
52.5°	269.7	301.3	330.9	367.1	411.4	456.0	496.0	543.9	605.4	688.2	822.6
50°	289.9	323.9	358.6	405.2	453.3	500.2	558.1	624.8	748.0	902.5	1173.0
47.5°	310.1	346.1	392.0	442.4	494.7	556.6	630.0	775.8	943.8	1328.5	1711.9
45°	330.1	372.9	423.6	480.8	543.2	620.9	773.4	953.2	1410.1	1852.7	2313.7
42.5°	349.7	399.7	457.7	518.7	600.2	740.7	937.2	1412.1	1906.8	2415.1	2857.6
40°	371.9	424.8	491.9	569.3	676.9	890.4	1331.4	1866.0	2423.6	2903.8	3334.4
37.5°	392.8	455.4	528.3	618.4	811.8	1168.1	1736.3	2329.3	2869.3	3338.5	3798.4
35°	411.9	485.0	571.9	706.9	944.1	1531.2	2147.2	2750.2	3266.4	3767.3	4270.4
32.5°	434.4	513.6	613.8	824.3	1247.4	1881.8	2537.2	3111.9	3652.4	4186.6	4761.2
30°	459.3	549.1	672.2	936.3	1547.8	2222.4	2871.8	3458.8	4019.2	4612.5	5227.9
27.5°	482.7	583.4	768.8	1153.3	1830.3	2540.5	3176.1	3780.2	4381.8	5013.6	5676.1
25°	504.0	616.0	859.5	1391.4	2102.9	2811.8	3456.1	4070.9	4720.5	5407.1	6104.3
22.5°	526.9	647.7	941.3	1608.2	2352.4	3053.3	3703.5	4355.2	5042.8	5770.5	6497.8
20°	551.6	715.4	1075.8	1808.4	2579.0	3272.8	3925.5	4619.5	5344.4	6098.1	6866.2
17.5°	574.2	775.3	1236.6	1998.3	2769.6	3463.6	4125.2	4858.8	5606.7	6394.6	7203.7
15°	594.5	827.2	1378.2	2166.3	2931.4	3625.8	4320.0	5071.2	5839.8	6660.4	7500.8
12.5°	612.3	871.0	1500.0	2311.4	3067.8	3764.4	4483.8	5250.3	6047.5	6892.8	7768.5
10°	627.5	906.8	1601.2	2432.9	3178.8	3878.8	4615.2	5399.4	6212.8	7079.9	7984.4
7.5°	637.2	936.2	1681.3	2529.9	3264.4	3968.3	4714.4	5516.8	6333.8	7226.0	8147.8
5°	643.3	960.2	1739.2	2601.6	3326.8	4035.8	4785.8	5601.2	6411.4	7328.5	8257.6
2.5°	646.3	976.8	1774.4	2647.5	3365.9	4083.2	4844.8	5675.2	6493.1	7401.5	8342.7
0°	646.0	985.3	1787.2	2667.0	3380.8	4104.8	4873.9	5713.5	6545.5	7432.8	8400.6
-2.5°	646.3	976.8	1774.4	2647.5	3365.9	4083.2	4844.8	5675.2	6493.1	7401.5	8342.7
-5°	643.3	960.2	1739.2	2601.6	3326.8	4035.8	4785.8	5601.2	6411.4	7328.5	8257.6
-7.5°	637.2	936.2	1681.3	2529.9	3264.4	3968.3	4714.4	5516.8	6333.8	7226.0	8147.8
-10°	627.5	906.8	1601.2	2432.9	3178.8	3878.8	4615.2	5399.4	6212.8	7079.9	7984.4
-12.5°	612.3	871.0	1500.0	2311.4	3067.8	3764.4	4483.8	5250.3	6047.5	6892.8	7768.5
-15°	594.5	827.2	1378.2	2166.3	2931.4	3625.8	4320.0	5071.2	5839.8	6660.4	7500.8
-17.5°	574.2	775.3	1236.6	1998.3	2769.6	3463.6	4125.2	4858.8	5606.7	6394.6	7203.7
-20°	551.6	715.4	1075.8	1808.4	2579.0	3272.8	3925.5	4619.5	5344.4	6098.1	6866.2



REPORT NUMBER: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	526.9	647.7	941.3	1608.2	2352.4	3053.3	3703.5	4355.2	5042.8	5770.5	6497.8
-25°	504.0	616.0	859.5	1391.4	2102.9	2811.8	3456.1	4070.9	4720.5	5407.1	6104.3
-27.5°	482.7	583.4	768.8	1153.3	1830.3	2540.5	3176.1	3780.2	4381.8	5013.6	5676.1
-30°	459.3	549.1	672.2	936.3	1547.8	2222.4	2871.8	3458.8	4019.2	4612.5	5227.9
-32.5°	434.4	513.6	613.8	824.3	1247.4	1881.8	2537.2	3111.9	3652.4	4186.6	4761.2
-35°	411.9	485.0	571.9	706.9	944.1	1531.2	2147.2	2750.2	3266.4	3767.3	4270.4
-37.5°	392.8	455.4	528.3	618.4	811.8	1168.1	1736.3	2329.3	2869.3	3338.5	3798.4
-40°	371.9	424.8	491.9	569.3	676.9	890.4	1331.4	1866.0	2423.6	2903.8	3334.4
-42.5°	349.7	399.7	457.7	518.7	600.2	740.7	937.2	1412.1	1906.8	2415.1	2857.6
-45°	330.1	372.9	423.6	480.8	543.2	620.9	773.4	953.2	1410.1	1852.7	2313.7
-47.5°	310.1	346.1	392.0	442.4	494.7	556.6	630.0	775.8	943.8	1328.5	1711.9
-50°	289.9	323.9	358.6	405.2	453.3	500.2	558.1	624.8	748.0	902.5	1173.0
-52.5°	269.7	301.3	330.9	367.1	411.4	456.0	496.0	543.9	605.4	688.2	822.6
-55°	248.2	276.7	303.0	332.5	368.2	409.9	445.2	479.3	516.1	571.9	620.6
-57.5°	228.6	250.4	274.0	298.8	328.0	360.9	392.5	421.4	452.1	485.3	519.1
-60°	210.7	225.8	244.7	265.8	287.9	314.2	340.1	366.9	391.3	415.1	445.0
-62.5°	191.8	202.5	215.8	233.6	252.1	268.2	288.4	311.3	335.1	352.9	373.1
-65°	167.5	177.5	186.3	199.4	216.5	229.1	241.5	254.3	272.7	290.0	300.4
-67.5°	142.7	152.5	158.7	163.0	174.7	188.1	198.5	208.0	218.6	234.1	246.8
-70°	114.8	127.6	134.7	137.9	139.2	146.2	156.6	164.4	173.0	188.1	202.1
-72.5°	86.7	99.5	109.0	115.4	114.8	113.9	116.7	122.9	134.9	150.3	163.6
-75°	63.5	72.2	82.0	89.5	89.5	84.1	77.1	75.6	90.3	111.3	128.6
-77.5°	43.6	50.1	56.8	63.7	65.0	61.7	56.3	48.9	57.6	74.9	94.5
-80°	26.8	27.9	32.1	36.6	39.0	39.0	36.9	32.9	39.0	48.8	60.5
-82.5°	15.9	17.0	17.7	17.8	18.1	18.0	17.8	17.7	21.8	27.1	33.0
-85°	6.4	6.3	7.1	7.6	8.4	9.0	9.2	9.2	10.3	11.7	13.4
-87.5°	3.2	3.1	3.0	2.9	3.0	3.2	3.4	3.5	3.2	2.9	2.5
-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: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	15.3	15.1	14.5	13.7	12.8	13.2	13.6	13.9	14.2	13.3	12.3
82.5°	39.4	42.3	45.1	48.0	51.2	50.7	49.3	47.2	44.6	39.8	34.4
80°	73.9	80.8	85.4	89.1	92.0	89.2	84.9	79.9	74.4	66.1	57.0
77.5°	114.7	121.7	125.3	129.6	134.4	135.4	135.6	136.1	136.6	121.2	101.6
75°	142.4	151.6	159.2	165.9	171.8	174.7	176.6	178.5	180.3	159.9	133.1
72.5°	175.1	184.0	191.2	198.5	204.9	209.8	213.6	216.7	219.1	202.6	179.2
70°	213.2	222.2	230.5	238.0	245.3	251.9	257.9	263.4	268.4	269.4	270.6
67.5°	256.3	261.6	271.5	280.9	292.2	300.4	309.7	318.3	326.2	333.0	338.6
65°	309.7	328.7	347.9	357.3	358.1	370.1	388.9	399.3	402.4	404.7	410.7
62.5°	399.2	423.7	436.7	453.5	476.7	501.9	511.5	525.3	542.2	561.3	578.6
60°	470.4	491.3	522.4	554.0	582.1	607.7	669.6	724.7	771.8	812.4	851.5
57.5°	558.7	593.1	640.6	726.4	804.7	875.6	996.8	1144.6	1276.4	1391.7	1493.1
55°	699.4	799.7	889.9	1092.1	1308.3	1495.3	1670.4	1857.7	2010.1	2129.3	2239.6
52.5°	939.5	1215.0	1494.2	1756.9	2015.1	2250.2	2461.1	2627.1	2756.7	2854.0	2946.1
50°	1504.0	1836.1	2176.2	2489.5	2743.2	2974.9	3194.5	3359.1	3496.9	3615.6	3720.6
47.5°	2119.5	2508.2	2829.6	3118.5	3391.9	3649.0	3889.2	4089.7	4259.4	4415.9	4546.2
45°	2732.0	3079.7	3409.2	3719.1	4016.6	4304.9	4563.2	4791.1	5015.7	5201.3	5348.1
42.5°	3250.0	3617.9	3968.5	4323.2	4655.8	4979.1	5291.2	5568.5	5807.0	6009.8	6173.0
40°	3747.0	4143.7	4560.2	4953.9	5348.9	5717.8	6063.6	6380.1	6651.8	6892.0	7095.2
37.5°	4252.9	4716.2	5173.7	5622.4	6057.6	6458.9	6855.7	7220.9	7539.3	7820.2	8056.2
35°	4786.8	5297.4	5795.4	6300.9	6776.1	7240.5	7679.2	8081.1	8433.7	8764.7	9049.2
32.5°	5321.7	5875.0	6435.6	6982.7	7509.2	8029.2	8510.2	8963.4	9380.2	9746.5	10050.3
30°	5842.5	6451.7	7051.5	7647.5	8248.4	8814.9	9347.9	9845.5	10297.8	10696.8	11042.0
27.5°	6342.3	6997.1	7640.4	8322.2	8975.1	9591.4	10170.3	10705.4	11210.2	11664.1	12055.8
25°	6804.8	7500.3	8250.1	8965.1	9663.8	10347.3	10981.7	11562.9	12140.0	12639.3	13064.7
22.5°	7241.6	8017.8	8807.3	9557.1	10328.1	11079.7	11789.7	12463.3	13079.7	13602.9	14056.4
20°	7657.1	8492.4	9305.8	10136.1	10970.9	11781.8	12563.6	13283.5	13934.8	14504.9	15016.4
17.5°	8049.5	8913.8	9778.2	10664.8	11566.3	12418.8	13247.2	14030.3	14741.4	15373.9	15950.5
15°	8388.9	9282.0	10207.6	11149.9	12092.8	12999.3	13878.4	14731.6	15531.5	16220.1	16801.5
12.5°	8677.4	9607.7	10586.8	11575.5	12569.4	13519.6	14451.6	15364.4	16214.7	16955.0	17552.0
10°	8916.6	9891.4	10914.1	11943.9	12963.3	13950.7	14919.8	15864.4	16777.7	17545.0	18158.1
7.5°	9116.0	10128.2	11174.6	12235.4	13264.1	14289.3	15300.1	16254.3	17154.1	17963.1	18593.3
5°	9264.9	10294.1	11362.6	12449.8	13494.2	14556.1	15596.9	16573.4	17464.2	18197.4	18711.8
2.5°	9375.8	10397.3	11484.6	12579.1	13637.3	14737.5	15800.5	16778.0	17689.8	18383.7	18829.1
0°	9451.3	10454.2	11595.4	12668.7	13744.5	14873.2	15923.9	16911.7	17826.7	18505.4	18965.4
-2.5°	9375.8	10397.3	11484.6	12579.1	13637.3	14737.5	15800.5	16778.0	17689.8	18383.7	18829.1
-5°	9264.9	10294.1	11362.6	12449.8	13494.2	14556.1	15596.9	16573.4	17464.2	18197.4	18711.8
-7.5°	9116.0	10128.2	11174.6	12235.4	13264.1	14289.3	15300.1	16254.3	17154.1	17963.1	18593.3
-10°	8916.6	9891.4	10914.1	11943.9	12963.3	13950.7	14919.8	15864.4	16777.7	17545.0	18158.1
-12.5°	8677.4	9607.7	10586.8	11575.5	12569.4	13519.6	14451.6	15364.4	16214.7	16955.0	17552.0
-15°	8388.9	9282.0	10207.6	11149.9	12092.8	12999.3	13878.4	14731.6	15531.5	16220.1	16801.5
-17.5°	8049.5	8913.8	9778.2	10664.8	11566.3	12418.8	13247.2	14030.3	14741.4	15373.9	15950.5
-20°	7657.1	8492.4	9305.8	10136.1	10970.9	11781.8	12563.6	13283.5	13934.8	14504.9	15016.4



REPORT NUMBER: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7241.6	8017.8	8807.3	9557.1	10328.1	11079.7	11789.7	12463.3	13079.7	13602.9	14056.4
-25°	6804.8	7500.3	8250.1	8965.1	9663.8	10347.3	10981.7	11562.9	12140.0	12639.3	13064.7
-27.5°	6342.3	6997.1	7640.4	8322.2	8975.1	9591.4	10170.3	10705.4	11210.2	11664.1	12055.8
-30°	5842.5	6451.7	7051.5	7647.5	8248.4	8814.9	9347.9	9845.5	10297.8	10696.8	11042.0
-32.5°	5321.7	5875.0	6435.6	6982.7	7509.2	8029.2	8510.2	8963.4	9380.2	9746.5	10050.3
-35°	4786.8	5297.4	5795.4	6300.9	6776.1	7240.5	7679.2	8081.1	8433.7	8764.7	9049.2
-37.5°	4252.9	4716.2	5173.7	5622.4	6057.6	6458.9	6855.7	7220.9	7539.3	7820.2	8056.2
-40°	3747.0	4143.7	4560.2	4953.9	5348.9	5717.8	6063.6	6380.1	6651.8	6892.0	7095.2
-42.5°	3250.0	3617.9	3968.5	4323.2	4655.8	4979.1	5291.2	5568.5	5807.0	6009.8	6173.0
-45°	2732.0	3079.7	3409.2	3719.1	4016.6	4304.9	4563.2	4791.1	5015.7	5201.3	5348.1
-47.5°	2119.5	2508.2	2829.6	3118.5	3391.9	3649.0	3889.2	4089.7	4259.4	4415.9	4546.2
-50°	1504.0	1836.1	2176.2	2489.5	2743.2	2974.9	3194.5	3359.1	3496.9	3615.6	3720.6
-52.5°	939.5	1215.0	1494.2	1756.9	2015.1	2250.2	2461.1	2627.1	2756.7	2854.0	2946.1
-55°	699.4	799.7	889.9	1092.1	1308.3	1495.3	1670.4	1857.7	2010.1	2129.3	2239.6
-57.5°	558.7	593.1	640.6	726.4	804.7	875.6	996.8	1144.6	1276.4	1391.7	1493.1
-60°	470.4	491.3	522.4	554.0	582.1	607.7	669.6	724.7	771.8	812.4	851.5
-62.5°	399.2	423.7	436.7	453.5	476.7	501.9	511.5	525.3	542.2	561.3	578.6
-65°	309.7	328.7	347.9	357.3	358.1	370.1	388.9	399.3	402.4	404.7	410.7
-67.5°	256.3	261.6	271.5	280.9	292.2	300.4	309.7	318.3	326.2	333.0	338.6
-70°	213.2	222.2	230.5	238.0	245.3	251.9	257.9	263.4	268.4	269.4	270.6
-72.5°	175.1	184.0	191.2	198.5	204.9	209.8	213.6	216.7	219.1	202.6	179.2
-75°	142.4	151.6	159.2	165.9	171.8	174.7	176.6	178.5	180.3	159.9	133.1
-77.5°	114.7	121.7	125.3	129.6	134.4	135.4	135.6	136.1	136.6	121.2	101.6
-80°	73.9	80.8	85.4	89.1	92.0	89.2	84.9	79.9	74.4	66.1	57.0
-82.5°	39.4	42.3	45.1	48.0	51.2	50.7	49.3	47.2	44.6	39.8	34.4
-85°	15.3	15.1	14.5	13.7	12.8	13.2	13.6	13.9	14.2	13.3	12.3
-87.5°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-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: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	11.2	10.1	10.1	10.1	10.1	10.1	11.2	12.3	13.3	14.2	13.9
82.5°	28.6	22.6	23.8	25.1	23.8	22.6	28.6	34.4	39.8	44.6	47.2
80°	47.6	37.8	38.9	40.2	38.9	37.8	47.6	57.0	66.1	74.4	79.9
77.5°	80.6	58.5	56.5	55.3	56.5	58.5	80.6	101.6	121.2	136.6	136.1
75°	105.4	77.0	75.3	75.4	75.3	77.0	105.4	133.1	159.9	180.3	178.5
72.5°	155.6	131.6	114.9	98.0	114.9	131.6	155.6	179.2	202.6	219.1	216.7
70°	273.5	276.9	275.5	271.5	275.5	276.9	273.5	270.6	269.4	268.4	263.4
67.5°	343.2	346.9	347.6	346.9	347.6	346.9	343.2	338.6	333.0	326.2	318.3
65°	414.8	417.2	419.1	419.8	419.1	417.2	414.8	410.7	404.7	402.4	399.3
62.5°	591.6	600.2	609.4	615.8	609.4	600.2	591.6	578.6	561.3	542.2	525.3
60°	885.7	913.9	926.4	927.5	926.4	913.9	885.7	851.5	812.4	771.8	724.7
57.5°	1574.2	1634.9	1688.9	1729.4	1688.9	1634.9	1574.2	1493.1	1391.7	1276.4	1144.6
55°	2327.5	2392.0	2428.4	2438.2	2428.4	2392.0	2327.5	2239.6	2129.3	2010.1	1857.7
52.5°	3015.9	3058.8	3099.5	3134.5	3099.5	3058.8	3015.9	2946.1	2854.0	2756.7	2627.1
50°	3799.8	3847.6	3887.9	3918.8	3887.9	3847.6	3799.8	3720.6	3615.6	3496.9	3359.1
47.5°	4637.7	4696.2	4739.4	4768.4	4739.4	4696.2	4637.7	4546.2	4415.9	4259.4	4089.7
45°	5473.8	5574.0	5634.9	5645.6	5634.9	5574.0	5473.8	5348.1	5201.3	5015.7	4791.1
42.5°	6314.2	6410.2	6475.0	6522.9	6475.0	6410.2	6314.2	6173.0	6009.8	5807.0	5568.5
40°	7264.5	7385.2	7440.5	7405.2	7440.5	7385.2	7264.5	7095.2	6892.0	6651.8	6380.1
37.5°	8238.1	8362.2	8426.2	8423.2	8426.2	8362.2	8238.1	8056.2	7820.2	7539.3	7220.9
35°	9270.4	9424.2	9507.4	9486.4	9507.4	9424.2	9270.4	9049.2	8764.7	8433.7	8081.1
32.5°	10292.9	10478.8	10598.9	10617.6	10598.9	10478.8	10292.9	10050.3	9746.5	9380.2	8963.4
30°	11318.6	11519.6	11639.0	11650.7	11639.0	11519.6	11318.6	11042.0	10696.8	10297.8	9845.5
27.5°	12384.6	12609.4	12734.3	12764.2	12734.3	12609.4	12384.6	12055.8	11664.1	11210.2	10705.4
25°	13427.4	13676.9	13820.3	13875.3	13820.3	13676.9	13427.4	13064.7	12639.3	12140.0	11562.9
22.5°	14432.9	14706.5	14893.4	14941.0	14893.4	14706.5	14432.9	14056.4	13602.9	13079.7	12463.3
20°	15441.4	15764.3	16003.3	16026.9	16003.3	15764.3	15441.4	15016.4	14504.9	13934.8	13283.5
17.5°	16412.5	16761.8	17017.7	17080.1	17017.7	16761.8	16412.5	15950.5	15373.9	14741.4	14030.3
15°	17281.8	17648.5	17895.5	17949.8	17895.5	17648.5	17281.8	16801.5	16220.1	15531.5	14731.6
12.5°	18032.0	18370.0	18600.6	18688.9	18600.6	18370.0	18032.0	17552.0	16955.0	16214.7	15364.4
10°	18636.4	18897.4	19103.6	19196.6	19103.6	18897.4	18636.4	18158.1	17545.0	16777.7	15864.4
7.5°	18973.7	19188.5	19331.3	19382.6	19331.3	19188.5	18973.7	18593.3	17963.1	17154.1	16254.3
5°	19107.1	19313.0	19390.3	19435.4	19390.3	19313.0	19107.1	18711.8	18197.4	17464.2	16573.4
2.5°	19125.3	19290.1	19449.0	19553.5	19449.0	19290.1	19125.3	18829.1	18383.7	17689.8	16778.0
0°	19231.8	19392.7	19480.7	19530.9	19480.7	19392.7	19231.8	18965.4	18505.4	17826.7	16911.7
-2.5°	19125.3	19290.1	19449.0	19553.5	19449.0	19290.1	19125.3	18829.1	18383.7	17689.8	16778.0
-5°	19107.1	19313.0	19390.3	19435.4	19390.3	19313.0	19107.1	18711.8	18197.4	17464.2	16573.4
-7.5°	18973.7	19188.5	19331.3	19382.6	19331.3	19188.5	18973.7	18593.3	17963.1	17154.1	16254.3
-10°	18636.4	18897.4	19103.6	19196.6	19103.6	18897.4	18636.4	18158.1	17545.0	16777.7	15864.4
-12.5°	18032.0	18370.0	18600.6	18688.9	18600.6	18370.0	18032.0	17552.0	16955.0	16214.7	15364.4
-15°	17281.8	17648.5	17895.5	17949.8	17895.5	17648.5	17281.8	16801.5	16220.1	15531.5	14731.6
-17.5°	16412.5	16761.8	17017.7	17080.1	17017.7	16761.8	16412.5	15950.5	15373.9	14741.4	14030.3
-20°	15441.4	15764.3	16003.3	16026.9	16003.3	15764.3	15441.4	15016.4	14504.9	13934.8	13283.5



REPORT NUMBER: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14432.9	14706.5	14893.4	14941.0	14893.4	14706.5	14432.9	14056.4	13602.9	13079.7	12463.3
-25°	13427.4	13676.9	13820.3	13875.3	13820.3	13676.9	13427.4	13064.7	12639.3	12140.0	11562.9
-27.5°	12384.6	12609.4	12734.3	12764.2	12734.3	12609.4	12384.6	12055.8	11664.1	11210.2	10705.4
-30°	11318.6	11519.6	11639.0	11650.7	11639.0	11519.6	11318.6	11042.0	10696.8	10297.8	9845.5
-32.5°	10292.9	10478.8	10598.9	10617.6	10598.9	10478.8	10292.9	10050.3	9746.5	9380.2	8963.4
-35°	9270.4	9424.2	9507.4	9486.4	9507.4	9424.2	9270.4	9049.2	8764.7	8433.7	8081.1
-37.5°	8238.1	8362.2	8426.2	8423.2	8426.2	8362.2	8238.1	8056.2	7820.2	7539.3	7220.9
-40°	7264.5	7385.2	7440.5	7405.2	7440.5	7385.2	7264.5	7095.2	6892.0	6651.8	6380.1
-42.5°	6314.2	6410.2	6475.0	6522.9	6475.0	6410.2	6314.2	6173.0	6009.8	5807.0	5568.5
-45°	5473.8	5574.0	5634.9	5645.6	5634.9	5574.0	5473.8	5348.1	5201.3	5015.7	4791.1
-47.5°	4637.7	4696.2	4739.4	4768.4	4739.4	4696.2	4637.7	4546.2	4415.9	4259.4	4089.7
-50°	3799.8	3847.6	3887.9	3918.8	3887.9	3847.6	3799.8	3720.6	3615.6	3496.9	3359.1
-52.5°	3015.9	3058.8	3099.5	3134.5	3099.5	3058.8	3015.9	2946.1	2854.0	2756.7	2627.1
-55°	2327.5	2392.0	2428.4	2438.2	2428.4	2392.0	2327.5	2239.6	2129.3	2010.1	1857.7
-57.5°	1574.2	1634.9	1688.9	1729.4	1688.9	1634.9	1574.2	1493.1	1391.7	1276.4	1144.6
-60°	885.7	913.9	926.4	927.5	926.4	913.9	885.7	851.5	812.4	771.8	724.7
-62.5°	591.6	600.2	609.4	615.8	609.4	600.2	591.6	578.6	561.3	542.2	525.3
-65°	414.8	417.2	419.1	419.8	419.1	417.2	414.8	410.7	404.7	402.4	399.3
-67.5°	343.2	346.9	347.6	346.9	347.6	346.9	343.2	338.6	333.0	326.2	318.3
-70°	273.5	276.9	275.5	271.5	275.5	276.9	273.5	270.6	269.4	268.4	263.4
-72.5°	155.6	131.6	114.9	98.0	114.9	131.6	155.6	179.2	202.6	219.1	216.7
-75°	105.4	77.0	75.3	75.4	75.3	77.0	105.4	133.1	159.9	180.3	178.5
-77.5°	80.6	58.5	56.5	55.3	56.5	58.5	80.6	101.6	121.2	136.6	136.1
-80°	47.6	37.8	38.9	40.2	38.9	37.8	47.6	57.0	66.1	74.4	79.9
-82.5°	28.6	22.6	23.8	25.1	23.8	22.6	28.6	34.4	39.8	44.6	47.2
-85°	11.2	10.1	10.1	10.1	10.1	10.1	11.2	12.3	13.3	14.2	13.9
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-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: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.9	3.2	3.5
85°	13.6	13.2	12.8	13.7	14.5	15.1	15.3	13.4	11.7	10.3	9.2
82.5°	49.3	50.7	51.2	48.0	45.1	42.3	39.4	33.0	27.1	21.8	17.7
80°	84.9	89.2	92.0	89.1	85.4	80.8	73.9	60.5	48.8	39.0	32.9
77.5°	135.6	135.4	134.4	129.6	125.3	121.7	114.7	94.5	74.9	57.6	48.9
75°	176.6	174.7	171.8	165.9	159.2	151.6	142.4	128.6	111.3	90.3	75.6
72.5°	213.6	209.8	204.9	198.5	191.2	184.0	175.1	163.6	150.3	134.9	122.9
70°	257.9	251.9	245.3	238.0	230.5	222.2	213.2	202.1	188.1	173.0	164.4
67.5°	309.7	300.4	292.2	280.9	271.5	261.6	256.3	246.8	234.1	218.6	208.0
65°	388.9	370.1	358.1	357.3	347.9	328.7	309.7	300.4	290.0	272.7	254.3
62.5°	511.5	501.9	476.7	453.5	436.7	423.7	399.2	373.1	352.9	335.1	311.3
60°	669.6	607.7	582.1	554.0	522.4	491.3	470.4	445.0	415.1	391.3	366.9
57.5°	996.8	875.6	804.7	726.4	640.6	593.1	558.7	519.1	485.3	452.1	421.4
55°	1670.4	1495.3	1308.3	1092.1	889.9	799.7	699.4	620.6	571.9	516.1	479.3
52.5°	2461.1	2250.2	2015.1	1756.9	1494.2	1215.0	939.5	822.6	688.2	605.4	543.9
50°	3194.5	2974.9	2743.2	2489.5	2176.2	1836.1	1504.0	1173.0	902.5	748.0	624.8
47.5°	3889.2	3649.0	3391.9	3118.5	2829.6	2508.2	2119.5	1711.9	1328.5	943.8	775.8
45°	4563.2	4304.9	4016.6	3719.1	3409.2	3079.7	2732.0	2313.7	1852.7	1410.1	953.2
42.5°	5291.2	4979.1	4655.8	4323.2	3968.5	3617.9	3250.0	2857.6	2415.1	1906.8	1412.1
40°	6063.6	5717.8	5348.9	4953.9	4560.2	4143.7	3747.0	3334.4	2903.8	2423.6	1866.0
37.5°	6855.7	6458.9	6057.6	5622.4	5173.7	4716.2	4252.9	3798.4	3338.5	2869.3	2329.3
35°	7679.2	7240.5	6776.1	6300.9	5795.4	5297.4	4786.8	4270.4	3767.3	3266.4	2750.2
32.5°	8510.2	8029.2	7509.2	6982.7	6435.6	5875.0	5321.7	4761.2	4186.6	3652.4	3111.9
30°	9347.9	8814.9	8248.4	7647.5	7051.5	6451.7	5842.5	5227.9	4612.5	4019.2	3458.8
27.5°	10170.3	9591.4	8975.1	8322.2	7640.4	6997.1	6342.3	5676.1	5013.6	4381.8	3780.2
25°	10981.7	10347.3	9663.8	8965.1	8250.1	7500.3	6804.8	6104.3	5407.1	4720.5	4070.9
22.5°	11789.7	11079.7	10328.1	9557.1	8807.3	8017.8	7241.6	6497.8	5770.5	5042.8	4355.2
20°	12563.6	11781.8	10970.9	10136.1	9305.8	8492.4	7657.1	6866.2	6098.1	5344.4	4619.5
17.5°	13247.2	12418.8	11566.3	10664.8	9778.2	8913.8	8049.5	7203.7	6394.6	5606.7	4858.8
15°	13878.4	12999.3	12092.8	11149.9	10207.6	9282.0	8388.9	7500.8	6660.4	5839.8	5071.2
12.5°	14451.6	13519.6	12569.4	11575.5	10586.8	9607.7	8677.4	7768.5	6892.8	6047.5	5250.3
10°	14919.8	13950.7	12963.3	11943.9	10914.1	9891.4	8916.6	7984.4	7079.9	6212.8	5399.4
7.5°	15300.1	14289.3	13264.1	12235.4	11174.6	10128.2	9116.0	8147.8	7226.0	6333.8	5516.8
5°	15596.9	14556.1	13494.2	12449.8	11362.6	10294.1	9264.9	8257.6	7328.5	6411.4	5601.2
2.5°	15800.5	14737.5	13637.3	12579.1	11484.6	10397.3	9375.8	8342.7	7401.5	6493.1	5675.2
0°	15923.9	14873.2	13744.5	12668.7	11595.4	10454.2	9451.3	8400.6	7432.8	6545.5	5713.5
-2.5°	15800.5	14737.5	13637.3	12579.1	11484.6	10397.3	9375.8	8342.7	7401.5	6493.1	5675.2
-5°	15596.9	14556.1	13494.2	12449.8	11362.6	10294.1	9264.9	8257.6	7328.5	6411.4	5601.2
-7.5°	15300.1	14289.3	13264.1	12235.4	11174.6	10128.2	9116.0	8147.8	7226.0	6333.8	5516.8
-10°	14919.8	13950.7	12963.3	11943.9	10914.1	9891.4	8916.6	7984.4	7079.9	6212.8	5399.4
-12.5°	14451.6	13519.6	12569.4	11575.5	10586.8	9607.7	8677.4	7768.5	6892.8	6047.5	5250.3
-15°	13878.4	12999.3	12092.8	11149.9	10207.6	9282.0	8388.9	7500.8	6660.4	5839.8	5071.2
-17.5°	13247.2	12418.8	11566.3	10664.8	9778.2	8913.8	8049.5	7203.7	6394.6	5606.7	4858.8
-20°	12563.6	11781.8	10970.9	10136.1	9305.8	8492.4	7657.1	6866.2	6098.1	5344.4	4619.5



REPORT NUMBER: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11789.7	11079.7	10328.1	9557.1	8807.3	8017.8	7241.6	6497.8	5770.5	5042.8	4355.2
-25°	10981.7	10347.3	9663.8	8965.1	8250.1	7500.3	6804.8	6104.3	5407.1	4720.5	4070.9
-27.5°	10170.3	9591.4	8975.1	8322.2	7640.4	6997.1	6342.3	5676.1	5013.6	4381.8	3780.2
-30°	9347.9	8814.9	8248.4	7647.5	7051.5	6451.7	5842.5	5227.9	4612.5	4019.2	3458.8
-32.5°	8510.2	8029.2	7509.2	6982.7	6435.6	5875.0	5321.7	4761.2	4186.6	3652.4	3111.9
-35°	7679.2	7240.5	6776.1	6300.9	5795.4	5297.4	4786.8	4270.4	3767.3	3266.4	2750.2
-37.5°	6855.7	6458.9	6057.6	5622.4	5173.7	4716.2	4252.9	3798.4	3338.5	2869.3	2329.3
-40°	6063.6	5717.8	5348.9	4953.9	4560.2	4143.7	3747.0	3334.4	2903.8	2423.6	1866.0
-42.5°	5291.2	4979.1	4655.8	4323.2	3968.5	3617.9	3250.0	2857.6	2415.1	1906.8	1412.1
-45°	4563.2	4304.9	4016.6	3719.1	3409.2	3079.7	2732.0	2313.7	1852.7	1410.1	953.2
-47.5°	3889.2	3649.0	3391.9	3118.5	2829.6	2508.2	2119.5	1711.9	1328.5	943.8	775.8
-50°	3194.5	2974.9	2743.2	2489.5	2176.2	1836.1	1504.0	1173.0	902.5	748.0	624.8
-52.5°	2461.1	2250.2	2015.1	1756.9	1494.2	1215.0	939.5	822.6	688.2	605.4	543.9
-55°	1670.4	1495.3	1308.3	1092.1	889.9	799.7	699.4	620.6	571.9	516.1	479.3
-57.5°	996.8	875.6	804.7	726.4	640.6	593.1	558.7	519.1	485.3	452.1	421.4
-60°	669.6	607.7	582.1	554.0	522.4	491.3	470.4	445.0	415.1	391.3	366.9
-62.5°	511.5	501.9	476.7	453.5	436.7	423.7	399.2	373.1	352.9	335.1	311.3
-65°	388.9	370.1	358.1	357.3	347.9	328.7	309.7	300.4	290.0	272.7	254.3
-67.5°	309.7	300.4	292.2	280.9	271.5	261.6	256.3	246.8	234.1	218.6	208.0
-70°	257.9	251.9	245.3	238.0	230.5	222.2	213.2	202.1	188.1	173.0	164.4
-72.5°	213.6	209.8	204.9	198.5	191.2	184.0	175.1	163.6	150.3	134.9	122.9
-75°	176.6	174.7	171.8	165.9	159.2	151.6	142.4	128.6	111.3	90.3	75.6
-77.5°	135.6	135.4	134.4	129.6	125.3	121.7	114.7	94.5	74.9	57.6	48.9
-80°	84.9	89.2	92.0	89.1	85.4	80.8	73.9	60.5	48.8	39.0	32.9
-82.5°	49.3	50.7	51.2	48.0	45.1	42.3	39.4	33.0	27.1	21.8	17.7
-85°	13.6	13.2	12.8	13.7	14.5	15.1	15.3	13.4	11.7	10.3	9.2
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.9	3.2	3.5
-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: P559195 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	3.4	3.2	3.0	2.9	3.0	3.1	3.2	3.2	2.9	2.6	2.3
85°	9.2	9.0	8.4	7.6	7.1	6.3	6.4	6.3	5.7	5.1	4.5
82.5°	17.8	18.0	18.1	17.8	17.7	17.0	15.9	14.2	11.1	8.1	6.7
80°	36.9	39.0	39.0	36.6	32.1	27.9	26.8	24.7	20.3	16.1	12.1
77.5°	56.3	61.7	65.0	63.7	56.8	50.1	43.6	36.8	29.5	24.1	18.9
75°	77.1	84.1	89.5	89.5	82.0	72.2	63.5	54.4	43.6	32.6	25.7
72.5°	116.7	113.9	114.8	115.4	109.0	99.5	86.7	71.7	59.3	46.7	33.8
70°	156.6	146.2	139.2	137.9	134.7	127.6	114.8	95.5	75.0	60.5	46.0
67.5°	198.5	188.1	174.7	163.0	158.7	152.5	142.7	120.1	95.8	74.2	58.0
65°	241.5	229.1	216.5	199.4	186.3	177.5	167.5	143.4	115.9	91.1	69.7
62.5°	288.4	268.2	252.1	233.6	215.8	202.5	191.8	165.7	135.6	107.2	82.5
60°	340.1	314.2	287.9	265.8	244.7	225.8	210.7	188.0	156.8	122.5	95.1
57.5°	392.5	360.9	328.0	298.8	274.0	250.4	228.6	206.7	178.0	141.2	106.5
55°	445.2	409.9	368.2	332.5	303.0	276.7	248.2	223.7	198.0	160.7	115.4
52.5°	496.0	456.0	411.4	367.1	330.9	301.3	269.7	240.6	213.6	180.1	128.5
50°	558.1	500.2	453.3	405.2	358.6	323.9	289.9	258.4	229.1	197.8	140.7
47.5°	630.0	556.6	494.7	442.4	392.0	346.1	310.1	275.3	244.5	211.7	151.3
45°	773.4	620.9	543.2	480.8	423.6	372.9	330.1	291.0	258.5	217.6	160.3
42.5°	937.2	740.7	600.2	518.7	457.7	399.7	349.7	308.3	271.4	221.6	165.3
40°	1331.4	890.4	676.9	569.3	491.9	424.8	371.9	325.5	282.3	223.9	167.2
37.5°	1736.3	1168.1	811.8	618.4	528.3	455.4	392.8	342.1	287.1	226.3	167.8
35°	2147.2	1531.2	944.1	706.9	571.9	485.0	411.9	358.6	297.6	228.7	166.9
32.5°	2537.2	1881.8	1247.4	824.3	613.8	513.6	434.4	375.0	311.0	231.0	164.7
30°	2871.8	2222.4	1547.8	936.3	672.2	549.1	459.3	390.6	326.9	233.2	162.3
27.5°	3176.1	2540.5	1830.3	1153.3	768.8	583.4	482.7	405.2	345.2	239.0	162.7
25°	3456.1	2811.8	2102.9	1391.4	859.5	616.0	504.0	419.1	359.7	251.3	162.8
22.5°	3703.5	3053.3	2352.4	1608.2	941.3	647.7	526.9	436.7	370.8	264.4	162.5
20°	3925.5	3272.8	2579.0	1808.4	1075.8	715.4	551.6	452.4	380.8	277.9	161.6
17.5°	4125.2	3463.6	2769.6	1998.3	1236.6	775.3	574.2	466.1	389.8	291.4	160.1
15°	4320.0	3625.8	2931.4	2166.3	1378.2	827.2	594.5	477.9	397.7	304.6	159.2
12.5°	4483.8	3764.4	3067.8	2311.4	1500.0	871.0	612.3	487.7	404.5	316.3	158.2
10°	4615.2	3878.8	3178.8	2432.9	1601.2	906.8	627.5	495.0	409.8	326.0	155.0
7.5°	4714.4	3968.3	3264.4	2529.9	1681.3	936.2	637.2	499.2	414.0	333.8	150.1
5°	4785.8	4035.8	3326.8	2601.6	1739.2	960.2	643.3	501.4	417.1	339.2	143.7
2.5°	4844.8	4083.2	3365.9	2647.5	1774.4	976.8	646.3	501.7	419.1	342.1	136.3
0°	4873.9	4104.8	3380.8	2667.0	1787.2	985.3	646.0	500.2	419.8	341.9	128.2
-2.5°	4844.8	4083.2	3365.9	2647.5	1774.4	976.8	646.3	501.7	419.1	342.1	136.3
-5°	4785.8	4035.8	3326.8	2601.6	1739.2	960.2	643.3	501.4	417.1	339.2	143.7
-7.5°	4714.4	3968.3	3264.4	2529.9	1681.3	936.2	637.2	499.2	414.0	333.8	150.1
-10°	4615.2	3878.8	3178.8	2432.9	1601.2	906.8	627.5	495.0	409.8	326.0	155.0
-12.5°	4483.8	3764.4	3067.8	2311.4	1500.0	871.0	612.3	487.7	404.5	316.3	158.2
-15°	4320.0	3625.8	2931.4	2166.3	1378.2	827.2	594.5	477.9	397.7	304.6	159.2
-17.5°	4125.2	3463.6	2769.6	1998.3	1236.6	775.3	574.2	466.1	389.8	291.4	160.1
-20°	3925.5	3272.8	2579.0	1808.4	1075.8	715.4	551.6	452.4	380.8	277.9	161.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3703.5	3053.3	2352.4	1608.2	941.3	647.7	526.9	436.7	370.8	264.4	162.5
-25°	3456.1	2811.8	2102.9	1391.4	859.5	616.0	504.0	419.1	359.7	251.3	162.8
-27.5°	3176.1	2540.5	1830.3	1153.3	768.8	583.4	482.7	405.2	345.2	239.0	162.7
-30°	2871.8	2222.4	1547.8	936.3	672.2	549.1	459.3	390.6	326.9	233.2	162.3
-32.5°	2537.2	1881.8	1247.4	824.3	613.8	513.6	434.4	375.0	311.0	231.0	164.7
-35°	2147.2	1531.2	944.1	706.9	571.9	485.0	411.9	358.6	297.6	228.7	166.9
-37.5°	1736.3	1168.1	811.8	618.4	528.3	455.4	392.8	342.1	287.1	226.3	167.8
-40°	1331.4	890.4	676.9	569.3	491.9	424.8	371.9	325.5	282.3	223.9	167.2
-42.5°	937.2	740.7	600.2	518.7	457.7	399.7	349.7	308.3	271.4	221.6	165.3
-45°	773.4	620.9	543.2	480.8	423.6	372.9	330.1	291.0	258.5	217.6	160.3
-47.5°	630.0	556.6	494.7	442.4	392.0	346.1	310.1	275.3	244.5	211.7	151.3
-50°	558.1	500.2	453.3	405.2	358.6	323.9	289.9	258.4	229.1	197.8	140.7
-52.5°	496.0	456.0	411.4	367.1	330.9	301.3	269.7	240.6	213.6	180.1	128.5
-55°	445.2	409.9	368.2	332.5	303.0	276.7	248.2	223.7	198.0	160.7	115.4
-57.5°	392.5	360.9	328.0	298.8	274.0	250.4	228.6	206.7	178.0	141.2	106.5
-60°	340.1	314.2	287.9	265.8	244.7	225.8	210.7	188.0	156.8	122.5	95.1
-62.5°	288.4	268.2	252.1	233.6	215.8	202.5	191.8	165.7	135.6	107.2	82.5
-65°	241.5	229.1	216.5	199.4	186.3	177.5	167.5	143.4	115.9	91.1	69.7
-67.5°	198.5	188.1	174.7	163.0	158.7	152.5	142.7	120.1	95.8	74.2	58.0
-70°	156.6	146.2	139.2	137.9	134.7	127.6	114.8	95.5	75.0	60.5	46.0
-72.5°	116.7	113.9	114.8	115.4	109.0	99.5	86.7	71.7	59.3	46.7	33.8
-75°	77.1	84.1	89.5	89.5	82.0	72.2	63.5	54.4	43.6	32.6	25.7
-77.5°	56.3	61.7	65.0	63.7	56.8	50.1	43.6	36.8	29.5	24.1	18.9
-80°	36.9	39.0	39.0	36.6	32.1	27.9	26.8	24.7	20.3	16.1	12.1
-82.5°	17.8	18.0	18.1	17.8	17.7	17.0	15.9	14.2	11.1	8.1	6.7
-85°	9.2	9.0	8.4	7.6	7.1	6.3	6.4	6.3	5.7	5.1	4.5
-87.5°	3.4	3.2	3.0	2.9	3.0	3.1	3.2	3.2	2.9	2.6	2.3
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
80°	8.2	6.5	5.2	3.9	2.6	1.3	0.0
77.5°	13.8	8.9	6.5	4.9	3.2	1.6	0.0
75°	19.3	12.9	8.0	5.8	3.9	1.9	0.0
72.5°	24.7	16.8	10.6	6.7	4.5	2.3	0.0
70°	30.4	20.5	13.2	7.8	5.1	2.6	0.0
67.5°	39.6	24.1	15.6	9.3	5.7	2.9	0.0
65°	48.3	28.8	17.9	10.8	6.3	3.2	0.0
62.5°	56.3	34.5	20.1	12.2	6.9	3.5	0.0
60°	63.7	39.7	22.1	13.5	7.5	3.7	0.0
57.5°	71.1	44.4	25.2	14.7	8.2	4.0	0.0
55°	77.7	48.6	28.0	15.8	9.0	4.3	0.0
52.5°	83.4	52.3	30.5	16.8	9.7	4.6	0.0
50°	88.1	55.7	32.7	17.7	10.4	4.8	0.0
47.5°	92.5	58.5	34.4	18.6	11.0	5.1	0.0
45°	100.0	60.6	35.8	19.6	11.7	5.3	0.0
42.5°	106.2	62.0	36.8	20.4	12.3	5.5	0.0
40°	111.2	62.7	37.5	21.3	12.9	5.7	0.0
37.5°	114.9	62.7	37.8	22.4	13.4	5.9	0.0
35°	117.4	64.1	37.6	23.3	13.9	6.1	0.0
32.5°	117.9	65.8	37.1	24.3	14.4	6.3	0.0
30°	115.7	66.6	36.2	25.1	14.9	6.5	0.0
27.5°	112.5	66.7	37.1	25.9	15.3	6.7	0.0
25°	108.5	65.9	38.2	26.6	15.7	6.8	0.0
22.5°	103.6	65.9	39.3	27.3	16.1	6.9	0.0
20°	97.8	69.0	40.2	27.9	16.4	7.0	0.0
17.5°	96.8	71.7	41.2	28.4	16.7	7.2	0.0
15°	98.8	74.0	42.0	28.9	16.9	7.2	0.0
12.5°	100.5	76.0	42.8	29.3	17.1	7.3	0.0
10°	102.0	77.6	43.5	29.6	17.3	7.4	0.0
7.5°	103.3	78.8	44.0	29.9	17.4	7.4	0.0
5°	104.4	79.7	44.5	30.1	17.5	7.5	0.0
2.5°	105.1	80.2	44.9	30.2	17.6	7.5	0.0
0°	105.6	80.4	45.2	30.2	17.6	7.5	0.0
-2.5°	105.1	80.2	44.9	30.2	17.6	7.5	0.0
-5°	104.4	79.7	44.5	30.1	17.5	7.5	0.0
-7.5°	103.3	78.8	44.0	29.9	17.4	7.4	0.0
-10°	102.0	77.6	43.5	29.6	17.3	7.4	0.0
-12.5°	100.5	76.0	42.8	29.3	17.1	7.3	0.0
-15°	98.8	74.0	42.0	28.9	16.9	7.2	0.0
-17.5°	96.8	71.7	41.2	28.4	16.7	7.2	0.0
-20°	97.8	69.0	40.2	27.9	16.4	7.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	103.6	65.9	39.3	27.3	16.1	6.9	0.0
-25°	108.5	65.9	38.2	26.6	15.7	6.8	0.0
-27.5°	112.5	66.7	37.1	25.9	15.3	6.7	0.0
-30°	115.7	66.6	36.2	25.1	14.9	6.5	0.0
-32.5°	117.9	65.8	37.1	24.3	14.4	6.3	0.0
-35°	117.4	64.1	37.6	23.3	13.9	6.1	0.0
-37.5°	114.9	62.7	37.8	22.4	13.4	5.9	0.0
-40°	111.2	62.7	37.5	21.3	12.9	5.7	0.0
-42.5°	106.2	62.0	36.8	20.4	12.3	5.5	0.0
-45°	100.0	60.6	35.8	19.6	11.7	5.3	0.0
-47.5°	92.5	58.5	34.4	18.6	11.0	5.1	0.0
-50°	88.1	55.7	32.7	17.7	10.4	4.8	0.0
-52.5°	83.4	52.3	30.5	16.8	9.7	4.6	0.0
-55°	77.7	48.6	28.0	15.8	9.0	4.3	0.0
-57.5°	71.1	44.4	25.2	14.7	8.2	4.0	0.0
-60°	63.7	39.7	22.1	13.5	7.5	3.7	0.0
-62.5°	56.3	34.5	20.1	12.2	6.9	3.5	0.0
-65°	48.3	28.8	17.9	10.8	6.3	3.2	0.0
-67.5°	39.6	24.1	15.6	9.3	5.7	2.9	0.0
-70°	30.4	20.5	13.2	7.8	5.1	2.6	0.0
-72.5°	24.7	16.8	10.6	6.7	4.5	2.3	0.0
-75°	19.3	12.9	8.0	5.8	3.9	1.9	0.0
-77.5°	13.8	8.9	6.5	4.9	3.2	1.6	0.0
-80°	8.2	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)