

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: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
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-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

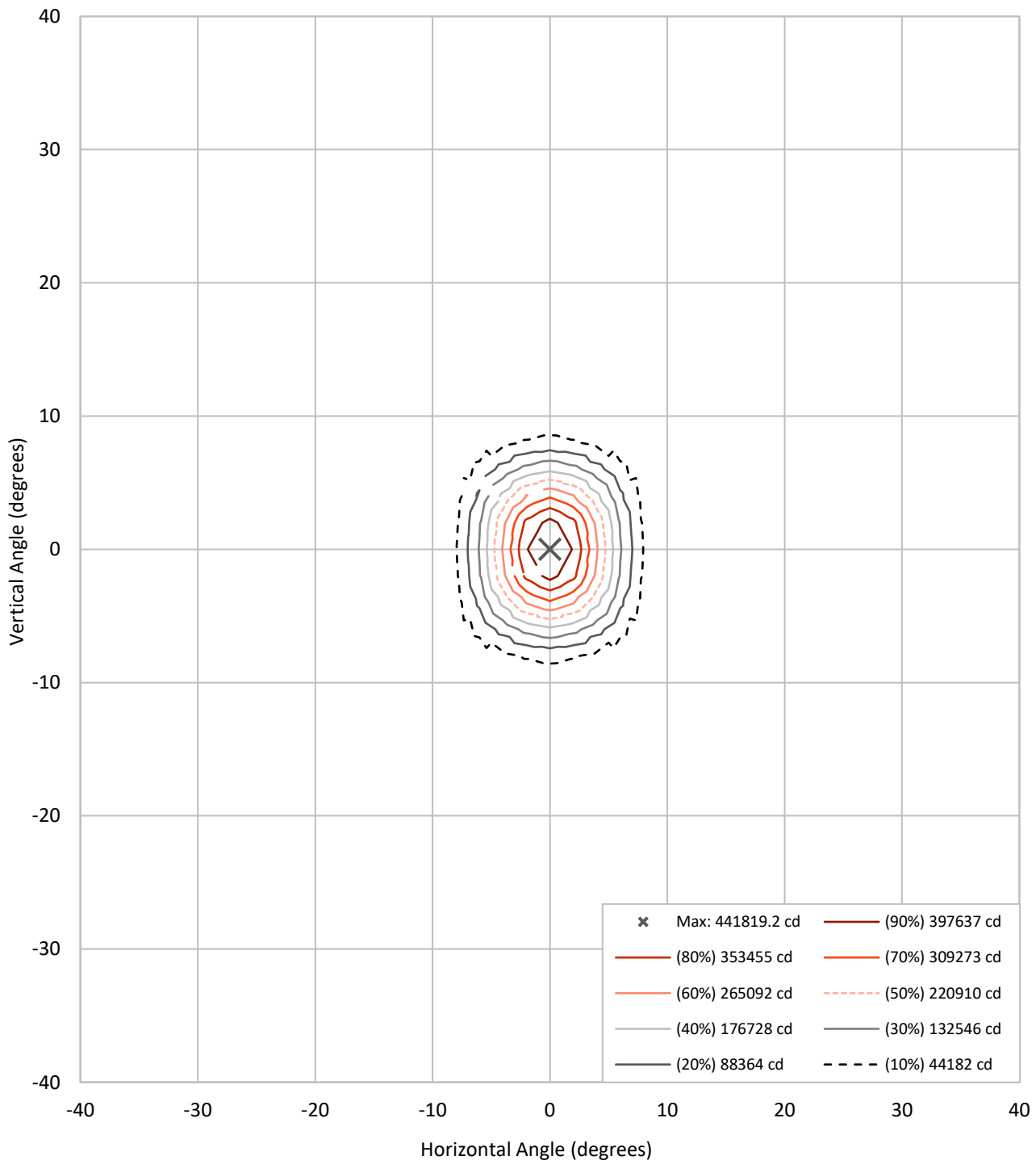
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17205.4 lumens	Max Intensity:	441819.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	7374.6 lumens	Field Lumens:	12709.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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





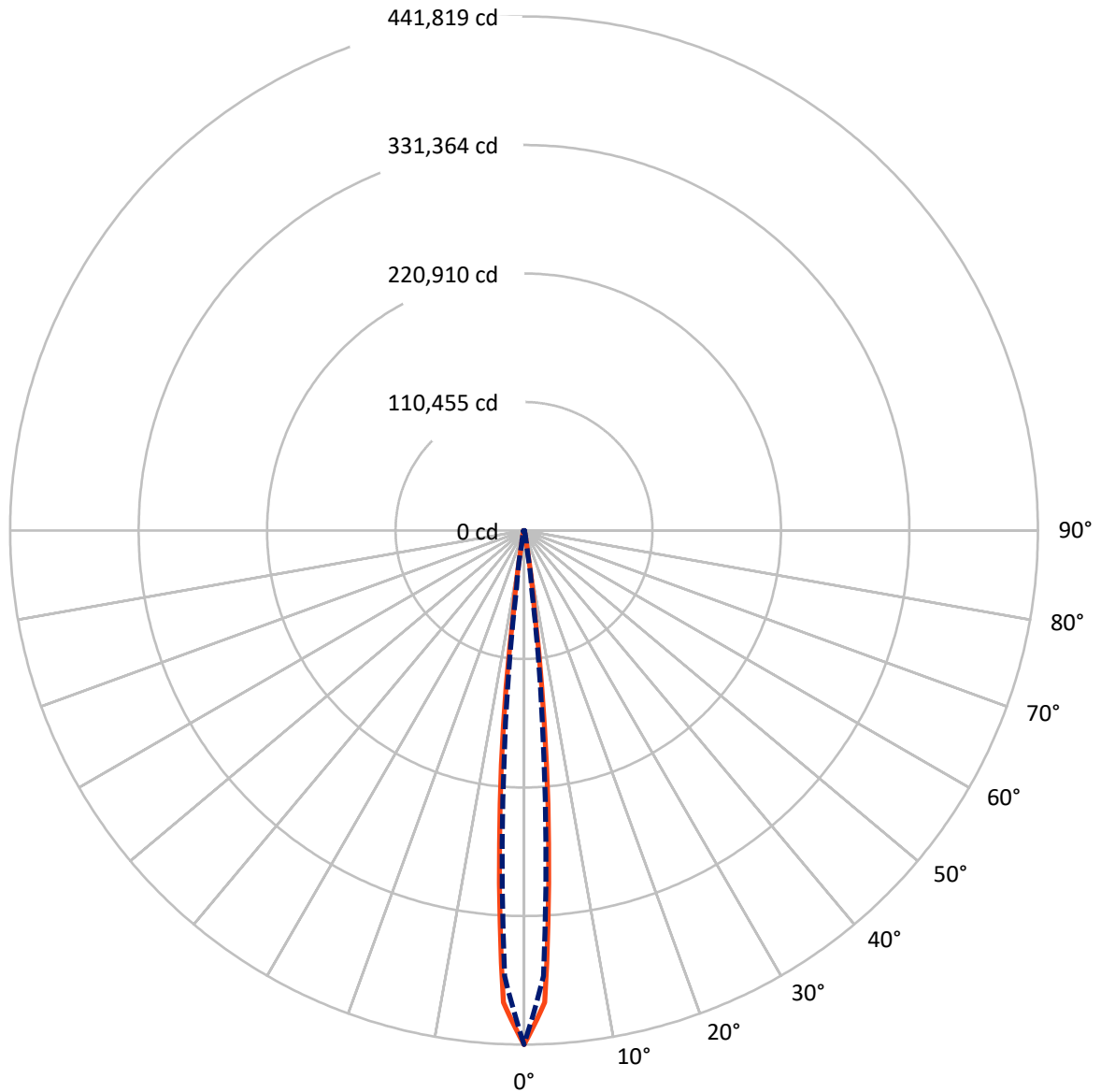
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Lumen Table

90	0.1	0.5		1.8		4.2		7.1		4.2		1.8		0.5		0.1			
80	0.1	0.5		1.8		4.2		7.1		4.2		1.8		0.5		0.1			
70	0.3	0.3	0.9	1.9	2.9	3.8	6.0	10.7	10.7	6.0	3.8	2.9	1.9	0.9	0.3	0.3			
60		0.7	1.7	3.5	5.6	7.6	10.2	13.9	13.9	10.2	7.6	5.6	3.5	1.7	0.7				
50	0.9	1.2	2.7	5.5	9.7	14.6	18.7	22.4	22.4	18.7	14.6	9.7	5.5	2.7	1.2	0.9			
40		1.9	3.8	8.4	15.1	20.4	23.1	24.4	24.4	23.1	20.4	15.1	8.4	3.8	1.9				
30	1.7	2.8	5.3	11.8	18.5	22.2	30.2	39.7	39.7	30.2	22.2	18.5	11.8	5.3	2.8	1.7			
20		3.8	7.3	15.0	20.5	29.2	59.1	118.2	118.2	59.1	29.2	20.5	15.0	7.3	3.8				
10	2.0	4.2	8.8	16.7	21.3	37.4	116.9	3456.8	3456.8	116.9	37.4	21.3	16.7	8.8	4.2	2.0			
0		4.2	8.8	16.7	21.3	37.4	116.9	3456.8	3456.8	116.9	37.4	21.3	16.7	8.8	4.2				
-10	1.7	3.8	7.3	15.0	20.5	29.2	59.1	118.2	118.2	59.1	29.2	20.5	15.0	7.3	3.8	1.7			
-20		2.8	5.3	11.8	18.5	22.2	30.2	39.7	39.7	30.2	22.2	18.5	11.8	5.3	2.8				
-30	0.9	1.9	3.8	8.4	15.1	20.4	23.1	24.4	24.4	23.1	20.4	15.1	8.4	3.8	1.9	0.9			
-40		1.2	2.7	5.5	9.7	14.6	18.7	22.4	22.4	18.7	14.6	9.7	5.5	2.7	1.2				
-50	0.3	0.7	1.7	3.5	5.6	7.6	10.2	13.9	13.9	10.2	7.6	5.6	3.5	1.7	0.7	0.3			
-60		0.3	0.9	1.9	2.9	3.8	6.0	10.7	10.7	6.0	3.8	2.9	1.9	0.9	0.3				
-70	0.1	0.5		1.8		4.2		7.1		4.2		1.8		0.5		0.1			
-80		0.5		1.8		4.2		7.1		4.2		1.8		0.5					
-90	0.1	0.5		1.8		4.2		7.1		4.2		1.8		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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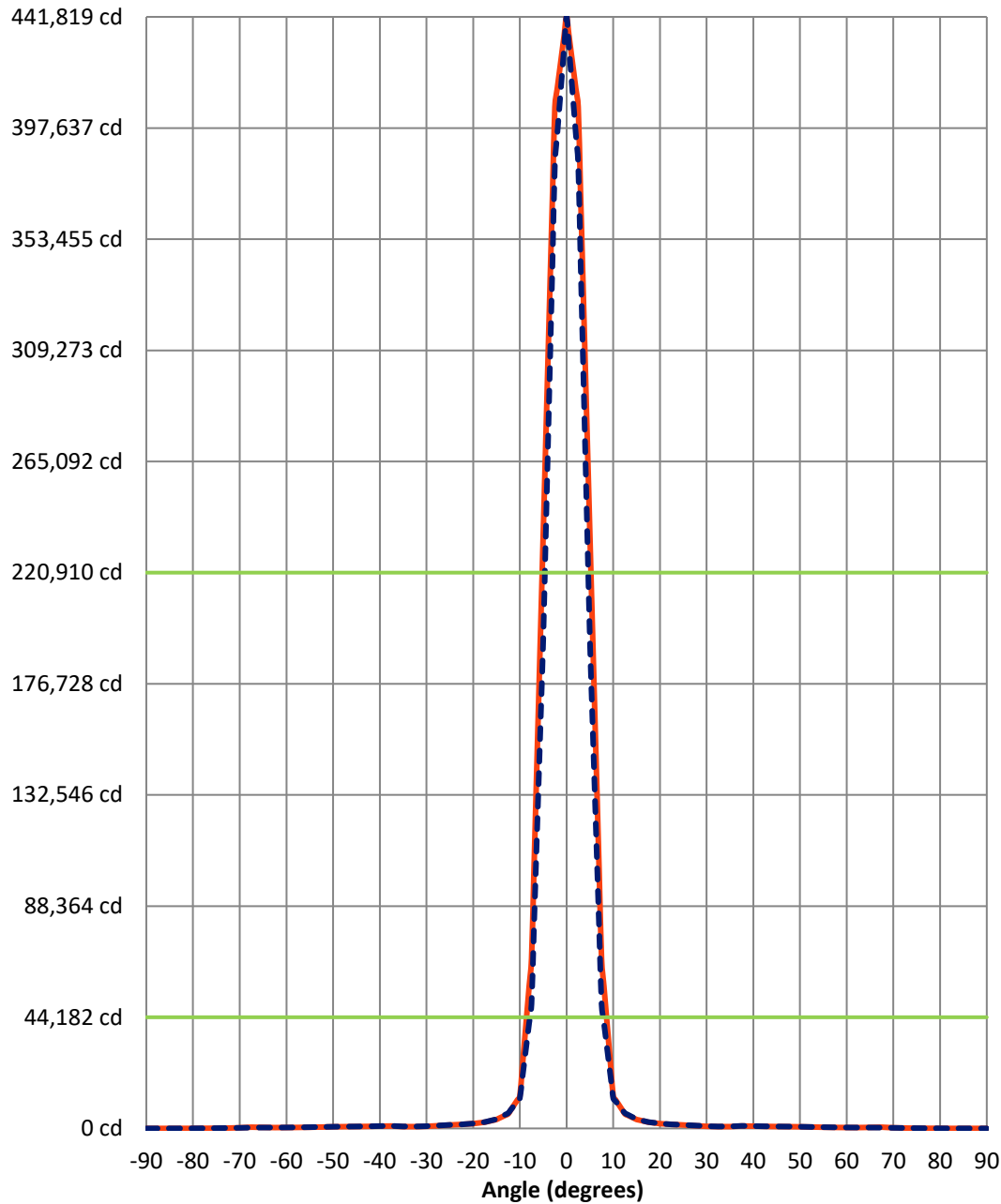
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 7374.6
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 12709.9
Efficiency: 73.9%

Spill:
Lumens: 4495.5
Efficiency: 26.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.0	5.0	5.0
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.0	5.0	5.0	5.0	5.0
77.5°	0.0	1.1	2.2	3.2	4.3	5.0	5.0	5.0	5.0	5.0	5.5
75°	0.0	1.3	2.6	3.9	5.0	5.0	5.0	5.0	5.2	6.6	7.7
72.5°	0.0	1.5	3.0	4.5	5.0	5.0	5.0	5.5	7.4	8.8	9.9
70°	0.0	1.7	3.4	5.0	5.0	5.0	5.2	7.6	9.6	11.1	13.8
67.5°	0.0	1.9	3.8	5.0	5.0	5.0	7.2	9.7	11.8	15.2	18.1
65°	0.0	2.1	4.2	5.0	5.0	5.8	9.1	11.8	15.6	19.2	23.0
62.5°	0.0	2.3	4.6	5.0	5.0	7.5	11.0	14.8	19.4	23.8	29.6
60°	0.0	2.5	5.0	5.0	5.0	9.2	12.9	18.2	23.1	30.0	36.2
57.5°	0.0	2.7	5.0	5.0	6.3	10.8	16.1	21.7	28.6	36.4	43.8
55°	0.0	2.9	5.1	5.0	7.7	12.5	19.5	25.4	34.4	43.1	52.0
52.5°	0.0	3.0	5.1	5.0	9.0	14.4	23.1	31.0	40.3	50.9	60.3
50°	0.0	3.2	5.2	5.0	10.3	17.5	26.7	37.1	46.6	58.8	70.4
47.5°	0.0	3.4	5.2	5.2	11.6	20.7	30.6	43.3	53.8	66.8	81.0
45°	0.0	3.5	5.3	6.2	12.9	23.8	36.3	49.8	62.4	76.8	92.0
42.5°	0.0	3.7	5.4	7.1	14.1	27.0	42.0	57.2	71.5	87.0	105.0
40°	0.0	3.8	5.5	8.0	16.0	30.2	47.8	65.3	81.4	97.7	118.7
37.5°	0.0	4.0	5.6	8.9	18.4	33.4	53.6	73.5	92.6	111.2	132.9
35°	0.0	4.1	5.7	9.6	20.8	37.6	59.5	81.9	104.0	126.7	146.6
32.5°	0.0	4.2	5.8	10.3	23.2	42.2	65.7	90.5	115.5	142.9	163.9
30°	0.0	4.3	5.9	10.9	25.5	46.7	72.5	99.3	127.1	159.6	183.3
27.5°	0.0	4.4	6.0	11.4	26.9	51.1	79.3	108.8	139.6	176.7	204.8
25°	0.0	4.5	6.2	11.9	28.1	55.5	86.0	118.2	153.6	194.6	227.9
22.5°	0.0	4.6	6.3	12.2	29.0	58.9	92.5	127.4	167.7	213.4	247.5
20°	0.0	4.7	6.4	12.5	29.6	60.1	98.9	136.4	181.7	233.0	266.8
17.5°	0.0	4.8	6.6	12.7	30.1	60.9	102.2	145.1	195.5	253.2	285.7
15°	0.0	4.8	6.7	12.9	30.3	61.2	103.4	151.4	208.9	273.6	304.3
12.5°	0.0	4.9	6.9	12.9	30.3	61.1	104.2	154.7	217.6	294.0	322.5
10°	0.0	4.9	7.0	13.0	30.1	60.7	104.5	157.5	222.0	301.8	335.4
7.5°	0.0	5.0	7.1	12.9	29.7	59.8	104.2	160.0	225.3	306.5	337.6
5°	0.0	5.0	7.3	12.9	29.1	58.6	103.5	161.8	227.5	309.7	339.5
2.5°	0.0	5.0	7.4	12.7	28.4	57.1	102.3	163.0	228.6	311.5	340.9
0°	0.0	5.0	7.5	12.6	27.6	55.3	100.5	163.4	228.7	311.7	341.8
-2.5°	0.0	5.0	7.4	12.7	28.4	57.1	102.3	163.0	228.6	311.5	340.9
-5°	0.0	5.0	7.3	12.9	29.1	58.6	103.5	161.8	227.5	309.7	339.5
-7.5°	0.0	5.0	7.1	12.9	29.7	59.8	104.2	160.0	225.3	306.5	337.6
-10°	0.0	4.9	7.0	13.0	30.1	60.7	104.5	157.5	222.0	301.8	335.4
-12.5°	0.0	4.9	6.9	12.9	30.3	61.1	104.2	154.7	217.6	294.0	322.5
-15°	0.0	4.8	6.7	12.9	30.3	61.2	103.4	151.4	208.9	273.6	304.3
-17.5°	0.0	4.8	6.6	12.7	30.1	60.9	102.2	145.1	195.5	253.2	285.7
-20°	0.0	4.7	6.4	12.5	29.6	60.1	98.9	136.4	181.7	233.0	266.8



REPORT NUMBER: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	6.3	12.2	29.0	58.9	92.5	127.4	167.7	213.4	247.5
-25°	0.0	4.5	6.2	11.9	28.1	55.5	86.0	118.2	153.6	194.6	227.9
-27.5°	0.0	4.4	6.0	11.4	26.9	51.1	79.3	108.8	139.6	176.7	204.8
-30°	0.0	4.3	5.9	10.9	25.5	46.7	72.5	99.3	127.1	159.6	183.3
-32.5°	0.0	4.2	5.8	10.3	23.2	42.2	65.7	90.5	115.5	142.9	163.9
-35°	0.0	4.1	5.7	9.6	20.8	37.6	59.5	81.9	104.0	126.7	146.6
-37.5°	0.0	4.0	5.6	8.9	18.4	33.4	53.6	73.5	92.6	111.2	132.9
-40°	0.0	3.8	5.5	8.0	16.0	30.2	47.8	65.3	81.4	97.7	118.7
-42.5°	0.0	3.7	5.4	7.1	14.1	27.0	42.0	57.2	71.5	87.0	105.0
-45°	0.0	3.5	5.3	6.2	12.9	23.8	36.3	49.8	62.4	76.8	92.0
-47.5°	0.0	3.4	5.2	5.2	11.6	20.7	30.6	43.3	53.8	66.8	81.0
-50°	0.0	3.2	5.2	5.0	10.3	17.5	26.7	37.1	46.6	58.8	70.4
-52.5°	0.0	3.0	5.1	5.0	9.0	14.4	23.1	31.0	40.3	50.9	60.3
-55°	0.0	2.9	5.1	5.0	7.7	12.5	19.5	25.4	34.4	43.1	52.0
-57.5°	0.0	2.7	5.0	5.0	6.3	10.8	16.1	21.7	28.6	36.4	43.8
-60°	0.0	2.5	5.0	5.0	5.0	9.2	12.9	18.2	23.1	30.0	36.2
-62.5°	0.0	2.3	4.6	5.0	5.0	7.5	11.0	14.8	19.4	23.8	29.6
-65°	0.0	2.1	4.2	5.0	5.0	5.8	9.1	11.8	15.6	19.2	23.0
-67.5°	0.0	1.9	3.8	5.0	5.0	5.0	7.2	9.7	11.8	15.2	18.1
-70°	0.0	1.7	3.4	5.0	5.0	5.0	5.2	7.6	9.6	11.1	13.8
-72.5°	0.0	1.5	3.0	4.5	5.0	5.0	5.0	5.5	7.4	8.8	9.9
-75°	0.0	1.3	2.6	3.9	5.0	5.0	5.0	5.0	5.2	6.6	7.7
-77.5°	0.0	1.1	2.2	3.2	4.3	5.0	5.0	5.0	5.0	5.0	5.5
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.0	5.0	5.0	5.0	5.0
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.0	5.0	5.0
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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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 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-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°	2.0	1.9	1.7	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	4.1	3.8	3.3	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
82.5°	4.6	4.4	4.3	4.3	4.6	4.8	5.1	5.6	6.1	6.5	6.9
80°	4.9	5.0	5.7	6.5	7.2	7.9	8.5	9.2	9.8	10.7	12.1
77.5°	6.5	7.5	8.4	9.3	10.4	12.4	14.0	15.4	17.1	19.2	21.3
75°	8.8	10.0	12.4	15.2	17.7	19.6	21.5	24.2	27.5	31.2	34.8
72.5°	12.1	15.1	18.4	22.0	26.2	29.7	33.2	36.5	41.9	47.8	52.2
70°	16.6	20.3	25.5	31.2	36.6	41.3	48.2	56.4	64.7	68.8	71.3
67.5°	21.4	27.4	33.8	40.6	48.1	55.9	65.4	74.3	82.7	86.1	89.3
65°	27.8	34.6	42.4	50.8	59.4	68.9	78.6	88.5	97.3	101.8	106.9
62.5°	34.3	42.4	51.4	60.8	70.4	80.6	92.3	102.3	109.9	119.0	129.5
60°	42.1	50.2	60.4	70.9	81.9	96.1	107.9	119.0	129.2	139.5	155.4
57.5°	50.4	58.2	69.5	81.9	97.1	113.3	126.7	138.6	152.7	167.4	183.5
55°	59.4	66.4	79.2	94.5	111.9	131.1	146.9	163.3	179.5	192.6	206.9
52.5°	69.7	76.1	89.5	107.1	127.3	148.9	169.9	187.0	202.0	216.4	232.6
50°	80.5	88.6	99.5	120.6	143.1	167.6	191.4	208.5	225.6	242.6	260.8
47.5°	93.0	102.1	111.3	134.0	159.6	184.6	209.2	231.1	250.1	272.7	293.6
45°	106.7	117.4	127.2	148.4	174.6	200.0	227.4	253.8	280.4	307.1	340.5
42.5°	121.1	132.8	145.4	161.8	187.9	216.1	245.4	280.5	314.3	351.5	394.9
40°	135.2	148.1	163.2	177.9	201.1	232.6	268.3	307.6	355.3	403.5	456.0
37.5°	148.9	163.9	180.0	195.2	215.8	251.2	290.6	340.8	398.3	459.1	526.0
35°	162.3	178.9	195.3	213.4	236.4	270.8	319.4	376.4	445.3	522.2	583.4
32.5°	175.5	193.3	210.0	231.8	260.1	295.4	347.2	418.9	498.4	576.3	617.3
30°	192.0	206.3	224.5	249.1	283.4	328.2	384.4	461.8	552.1	605.3	643.4
27.5°	214.1	219.2	239.8	268.6	307.2	360.5	430.4	510.7	585.5	632.2	666.3
25°	235.8	241.1	254.1	288.1	335.8	398.7	477.1	568.7	613.1	652.6	692.1
22.5°	256.5	262.0	278.4	306.6	363.5	437.6	528.7	608.9	651.2	676.4	719.2
20°	275.9	284.6	304.8	337.4	391.9	474.4	578.8	646.2	686.4	716.6	756.1
17.5°	294.7	306.7	331.4	371.0	431.9	515.7	624.3	683.3	722.6	751.7	800.6
15°	312.9	328.2	357.0	402.5	469.1	559.9	654.7	713.7	756.0	784.7	841.8
12.5°	330.5	349.1	381.5	431.8	502.7	598.6	680.5	733.4	775.6	819.4	878.4
10°	347.6	369.4	404.8	458.9	532.7	631.9	702.0	749.2	791.3	847.1	908.7
7.5°	350.2	379.6	423.9	483.8	559.3	660.1	719.7	761.5	807.2	872.5	936.1
5°	350.2	378.8	425.4	490.3	572.0	676.7	732.1	770.8	822.6	895.1	960.5
2.5°	349.9	377.1	425.7	492.5	575.2	678.4	734.0	773.3	831.5	917.3	983.0
0°	349.4	374.5	424.8	492.6	575.6	676.1	733.9	774.1	837.0	937.5	1002.9
-2.5°	349.9	377.1	425.7	492.5	575.2	678.4	734.0	773.3	831.5	917.3	983.0
-5°	350.2	378.8	425.4	490.3	572.0	676.7	732.1	770.8	822.6	895.1	960.5
-7.5°	350.2	379.6	423.9	483.8	559.3	660.1	719.7	761.5	807.2	872.5	936.1
-10°	347.6	369.4	404.8	458.9	532.7	631.9	702.0	749.2	791.3	847.1	908.7
-12.5°	330.5	349.1	381.5	431.8	502.7	598.6	680.5	733.4	775.6	819.4	878.4
-15°	312.9	328.2	357.0	402.5	469.1	559.9	654.7	713.7	756.0	784.7	841.8
-17.5°	294.7	306.7	331.4	371.0	431.9	515.7	624.3	683.3	722.6	751.7	800.6
-20°	275.9	284.6	304.8	337.4	391.9	474.4	578.8	646.2	686.4	716.6	756.1



REPORT NUMBER: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	256.5	262.0	278.4	306.6	363.5	437.6	528.7	608.9	651.2	676.4	719.2
-25°	235.8	241.1	254.1	288.1	335.8	398.7	477.1	568.7	613.1	652.6	692.1
-27.5°	214.1	219.2	239.8	268.6	307.2	360.5	430.4	510.7	585.5	632.2	666.3
-30°	192.0	206.3	224.5	249.1	283.4	328.2	384.4	461.8	552.1	605.3	643.4
-32.5°	175.5	193.3	210.0	231.8	260.1	295.4	347.2	418.9	498.4	576.3	617.3
-35°	162.3	178.9	195.3	213.4	236.4	270.8	319.4	376.4	445.3	522.2	583.4
-37.5°	148.9	163.9	180.0	195.2	215.8	251.2	290.6	340.8	398.3	459.1	526.0
-40°	135.2	148.1	163.2	177.9	201.1	232.6	268.3	307.6	355.3	403.5	456.0
-42.5°	121.1	132.8	145.4	161.8	187.9	216.1	245.4	280.5	314.3	351.5	394.9
-45°	106.7	117.4	127.2	148.4	174.6	200.0	227.4	253.8	280.4	307.1	340.5
-47.5°	93.0	102.1	111.3	134.0	159.6	184.6	209.2	231.1	250.1	272.7	293.6
-50°	80.5	88.6	99.5	120.6	143.1	167.6	191.4	208.5	225.6	242.6	260.8
-52.5°	69.7	76.1	89.5	107.1	127.3	148.9	169.9	187.0	202.0	216.4	232.6
-55°	59.4	66.4	79.2	94.5	111.9	131.1	146.9	163.3	179.5	192.6	206.9
-57.5°	50.4	58.2	69.5	81.9	97.1	113.3	126.7	138.6	152.7	167.4	183.5
-60°	42.1	50.2	60.4	70.9	81.9	96.1	107.9	119.0	129.2	139.5	155.4
-62.5°	34.3	42.4	51.4	60.8	70.4	80.6	92.3	102.3	109.9	119.0	129.5
-65°	27.8	34.6	42.4	50.8	59.4	68.9	78.6	88.5	97.3	101.8	106.9
-67.5°	21.4	27.4	33.8	40.6	48.1	55.9	65.4	74.3	82.7	86.1	89.3
-70°	16.6	20.3	25.5	31.2	36.6	41.3	48.2	56.4	64.7	68.8	71.3
-72.5°	12.1	15.1	18.4	22.0	26.2	29.7	33.2	36.5	41.9	47.8	52.2
-75°	8.8	10.0	12.4	15.2	17.7	19.6	21.5	24.2	27.5	31.2	34.8
-77.5°	6.5	7.5	8.4	9.3	10.4	12.4	14.0	15.4	17.1	19.2	21.3
-80°	4.9	5.0	5.7	6.5	7.2	7.9	8.5	9.2	9.8	10.7	12.1
-82.5°	4.6	4.4	4.3	4.3	4.6	4.8	5.1	5.6	6.1	6.5	6.9
-85°	4.1	3.8	3.3	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-87.5°	2.0	1.9	1.7	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
-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: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-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°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
82.5°	7.3	7.7	8.0	8.4	8.7	8.9	9.2	9.4	9.6	9.7	9.9
80°	13.5	14.5	15.3	15.9	16.4	18.2	20.3	22.7	25.0	25.9	26.5
77.5°	23.9	25.7	26.8	27.6	28.2	32.1	37.2	42.5	47.9	50.7	53.1
75°	38.1	40.3	41.6	42.6	43.2	49.2	58.1	67.5	77.2	82.2	85.8
72.5°	55.2	56.9	58.3	59.5	60.2	69.1	85.2	102.7	121.3	132.6	140.9
70°	73.5	75.5	77.1	78.5	79.5	90.1	113.5	137.9	163.2	188.5	215.3
67.5°	92.9	97.1	99.3	100.6	101.9	111.0	135.9	158.8	180.1	225.7	297.7
65°	114.2	123.9	127.9	130.2	131.0	135.2	156.5	175.6	192.9	228.5	283.4
62.5°	141.2	154.0	159.9	162.5	164.0	164.3	181.6	197.7	212.5	234.7	269.6
60°	170.3	184.1	191.3	193.3	194.6	195.1	208.9	224.9	239.6	257.7	290.3
57.5°	197.0	209.9	220.7	224.9	228.2	230.5	242.7	261.4	278.9	297.1	332.0
55°	222.4	238.1	253.0	261.2	268.9	275.7	287.7	311.3	333.8	354.9	391.3
52.5°	250.2	270.2	290.1	305.0	319.6	332.4	345.3	375.9	405.8	434.1	469.4
50°	283.3	308.1	337.0	361.4	382.4	403.0	421.5	457.6	498.2	536.8	574.0
47.5°	325.3	358.0	395.0	429.7	458.1	490.1	519.1	556.2	592.2	628.0	658.8
45°	376.8	422.1	464.8	510.9	551.4	572.5	589.3	612.5	649.4	684.7	713.4
42.5°	442.8	495.5	548.0	582.3	608.3	625.5	637.7	649.9	688.6	722.7	750.5
40°	516.2	569.1	601.4	629.6	647.6	662.9	682.1	700.9	731.3	766.3	797.1
37.5°	579.8	613.7	642.2	664.2	686.0	706.4	734.0	761.2	790.1	829.2	857.9
35°	619.0	648.8	677.7	705.3	733.3	764.6	799.0	839.0	874.4	842.2	795.7
32.5°	648.8	679.4	714.4	757.1	795.6	838.2	881.4	812.0	740.8	713.0	718.7
30°	674.8	710.3	758.5	814.2	867.7	848.6	753.7	720.5	730.3	749.8	787.4
27.5°	702.7	747.0	805.5	874.2	832.0	727.0	732.5	751.7	816.8	872.1	955.9
25°	735.6	789.2	861.8	830.1	733.7	743.7	792.4	865.9	989.9	1105.5	1206.6
22.5°	775.3	843.5	853.1	733.8	746.9	810.6	909.5	1068.6	1219.3	1359.0	1463.3
20°	815.7	894.4	773.4	748.2	804.1	917.9	1101.4	1284.2	1452.3	1577.3	1681.7
17.5°	864.0	836.3	750.7	777.5	890.7	1087.1	1293.7	1487.4	1646.0	1862.1	2046.1
15°	906.4	780.4	764.5	853.0	1023.2	1244.2	1468.7	1642.7	1929.1	2238.8	2552.0
12.5°	882.1	760.6	789.1	920.2	1144.0	1382.8	1581.3	1856.7	2235.7	2688.0	3367.7
10°	846.2	771.7	841.5	1013.1	1247.3	1480.0	1686.1	2047.2	2547.4	3378.1	4448.4
7.5°	818.3	776.5	876.2	1084.4	1324.0	1538.6	1813.5	2251.3	2948.5	4088.3	6367.1
5°	797.2	776.3	892.0	1125.7	1369.7	1579.1	1892.1	2399.7	3341.5	4965.4	8859.5
2.5°	787.9	772.2	896.4	1147.9	1391.9	1601.7	1940.9	2506.4	3589.6	5780.4	11649.8
0°	794.2	764.1	894.8	1156.2	1405.0	1598.5	1947.9	2538.6	3664.6	6081.2	12024.2
-2.5°	787.9	772.2	896.4	1147.9	1391.9	1601.7	1940.9	2506.4	3589.6	5780.4	11649.8
-5°	797.2	776.3	892.0	1125.7	1369.7	1579.1	1892.1	2399.7	3341.5	4965.4	8859.5
-7.5°	818.3	776.5	876.2	1084.4	1324.0	1538.6	1813.5	2251.3	2948.5	4088.3	6367.1
-10°	846.2	771.7	841.5	1013.1	1247.3	1480.0	1686.1	2047.2	2547.4	3378.1	4448.4
-12.5°	882.1	760.6	789.1	920.2	1144.0	1382.8	1581.3	1856.7	2235.7	2688.0	3367.7
-15°	906.4	780.4	764.5	853.0	1023.2	1244.2	1468.7	1642.7	1929.1	2238.8	2552.0
-17.5°	864.0	836.3	750.7	777.5	890.7	1087.1	1293.7	1487.4	1646.0	1862.1	2046.1
-20°	815.7	894.4	773.4	748.2	804.1	917.9	1101.4	1284.2	1452.3	1577.3	1681.7



REPORT NUMBER: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	775.3	843.5	853.1	733.8	746.9	810.6	909.5	1068.6	1219.3	1359.0	1463.3
-25°	735.6	789.2	861.8	830.1	733.7	743.7	792.4	865.9	989.9	1105.5	1206.6
-27.5°	702.7	747.0	805.5	874.2	832.0	727.0	732.5	751.7	816.8	872.1	955.9
-30°	674.8	710.3	758.5	814.2	867.7	848.6	753.7	720.5	730.3	749.8	787.4
-32.5°	648.8	679.4	714.4	757.1	795.6	838.2	881.4	812.0	740.8	713.0	718.7
-35°	619.0	648.8	677.7	705.3	733.3	764.6	799.0	839.0	874.4	842.2	795.7
-37.5°	579.8	613.7	642.2	664.2	686.0	706.4	734.0	761.2	790.1	829.2	857.9
-40°	516.2	569.1	601.4	629.6	647.6	662.9	682.1	700.9	731.3	766.3	797.1
-42.5°	442.8	495.5	548.0	582.3	608.3	625.5	637.7	649.9	688.6	722.7	750.5
-45°	376.8	422.1	464.8	510.9	551.4	572.5	589.3	612.5	649.4	684.7	713.4
-47.5°	325.3	358.0	395.0	429.7	458.1	490.1	519.1	556.2	592.2	628.0	658.8
-50°	283.3	308.1	337.0	361.4	382.4	403.0	421.5	457.6	498.2	536.8	574.0
-52.5°	250.2	270.2	290.1	305.0	319.6	332.4	345.3	375.9	405.8	434.1	469.4
-55°	222.4	238.1	253.0	261.2	268.9	275.7	287.7	311.3	333.8	354.9	391.3
-57.5°	197.0	209.9	220.7	224.9	228.2	230.5	242.7	261.4	278.9	297.1	332.0
-60°	170.3	184.1	191.3	193.3	194.6	195.1	208.9	224.9	239.6	257.7	290.3
-62.5°	141.2	154.0	159.9	162.5	164.0	164.3	181.6	197.7	212.5	234.7	269.6
-65°	114.2	123.9	127.9	130.2	131.0	135.2	156.5	175.6	192.9	228.5	283.4
-67.5°	92.9	97.1	99.3	100.6	101.9	111.0	135.9	158.8	180.1	225.7	297.7
-70°	73.5	75.5	77.1	78.5	79.5	90.1	113.5	137.9	163.2	188.5	215.3
-72.5°	55.2	56.9	58.3	59.5	60.2	69.1	85.2	102.7	121.3	132.6	140.9
-75°	38.1	40.3	41.6	42.6	43.2	49.2	58.1	67.5	77.2	82.2	85.8
-77.5°	23.9	25.7	26.8	27.6	28.2	32.1	37.2	42.5	47.9	50.7	53.1
-80°	13.5	14.5	15.3	15.9	16.4	18.2	20.3	22.7	25.0	25.9	26.5
-82.5°	7.3	7.7	8.0	8.4	8.7	8.9	9.2	9.4	9.6	9.7	9.9
-85°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
-87.5°	2.0	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: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
82.5°	10.0	10.0	10.1	10.1	10.1	10.0	10.0	9.9	9.7	9.6	9.4
80°	27.0	27.3	26.3	25.1	26.3	27.3	27.0	26.5	25.9	25.0	22.7
77.5°	55.2	57.2	55.2	52.8	55.2	57.2	55.2	53.1	50.7	47.9	42.5
75°	89.1	92.0	90.4	88.0	90.4	92.0	89.1	85.8	82.2	77.2	67.5
72.5°	148.7	156.0	154.3	150.8	154.3	156.0	148.7	140.9	132.6	121.3	102.7
70°	243.6	272.2	271.0	263.9	271.0	272.2	243.6	215.3	188.5	163.2	137.9
67.5°	375.5	456.6	482.3	495.1	482.3	456.6	375.5	297.7	225.7	180.1	158.8
65°	334.5	383.4	402.8	417.2	402.8	383.4	334.5	283.4	228.5	192.9	175.6
62.5°	300.9	329.9	336.1	336.8	336.1	329.9	300.9	269.6	234.7	212.5	197.7
60°	321.9	352.8	357.4	351.9	357.4	352.8	321.9	290.3	257.7	239.6	224.9
57.5°	365.7	398.0	403.9	397.1	403.9	398.0	365.7	332.0	297.1	278.9	261.4
55°	426.1	458.7	469.5	467.5	469.5	458.7	426.1	391.3	354.9	333.8	311.3
52.5°	503.2	533.3	545.7	545.4	545.7	533.3	503.2	469.4	434.1	405.8	375.9
50°	606.3	633.3	646.6	648.5	646.6	633.3	606.3	574.0	536.8	498.2	457.6
47.5°	680.7	698.4	707.6	708.8	707.6	698.4	680.7	658.8	628.0	592.2	556.2
45°	726.2	735.8	742.9	749.0	742.9	735.8	726.2	713.4	684.7	649.4	612.5
42.5°	769.1	788.9	803.5	806.8	803.5	788.9	769.1	750.5	722.7	688.6	649.9
40°	826.4	853.8	880.0	907.3	880.0	853.8	826.4	797.1	766.3	731.3	700.9
37.5°	887.8	918.2	943.4	957.6	943.4	918.2	887.8	857.9	829.2	790.1	761.2
35°	762.9	743.0	731.1	726.4	731.1	743.0	762.9	795.7	842.2	874.4	839.0
32.5°	722.0	723.5	721.1	716.3	721.1	723.5	722.0	718.7	713.0	740.8	812.0
30°	815.3	828.6	830.2	829.4	830.2	828.6	815.3	787.4	749.8	730.3	720.5
27.5°	1017.8	1051.8	1062.3	1083.3	1062.3	1051.8	1017.8	955.9	872.1	816.8	751.7
25°	1284.9	1336.2	1360.8	1369.8	1360.8	1336.2	1284.9	1206.6	1105.5	989.9	865.9
22.5°	1522.3	1561.4	1584.3	1603.6	1584.3	1561.4	1522.3	1463.3	1359.0	1219.3	1068.6
20°	1803.6	1875.0	1907.7	1910.2	1907.7	1875.0	1803.6	1681.7	1577.3	1452.3	1284.2
17.5°	2242.7	2381.7	2451.1	2470.7	2451.1	2381.7	2242.7	2046.1	1862.1	1646.0	1487.4
15°	2935.5	3290.3	3472.8	3559.0	3472.8	3290.3	2935.5	2552.0	2238.8	1929.1	1642.7
12.5°	4065.6	4865.5	5512.3	5755.7	5512.3	4865.5	4065.6	3367.7	2688.0	2235.7	1856.7
10°	6304.9	8693.5	11483.9	12785.8	11483.9	8693.5	6304.9	4448.4	3378.1	2547.4	2047.2
7.5°	12197.4	28320.2	54889.2	67563.3	54889.2	28320.2	12197.4	6367.1	4088.3	2948.5	2251.3
5°	25999.2	112204.1	200943.6	236025.3	200943.6	112204.1	25999.2	8859.5	4965.4	3341.5	2399.7
2.5°	41411.0	184029.3	347233.8	406018.1	347233.8	184029.3	41411.0	11649.8	5780.4	3589.6	2506.4
0°	49477.9	193933.0	383164.8	441819.2	383164.8	193933.0	49477.9	12024.2	6081.2	3664.6	2538.6
-2.5°	41411.0	184029.3	347233.8	406018.0	347233.8	184029.3	41411.0	11649.8	5780.4	3589.6	2506.4
-5°	25999.2	112204.1	200943.6	236025.3	200943.6	112204.1	25999.2	8859.5	4965.4	3341.5	2399.7
-7.5°	12197.4	28320.2	54889.2	67563.3	54889.2	28320.2	12197.4	6367.1	4088.3	2948.5	2251.3
-10°	6304.9	8693.5	11483.9	12785.8	11483.9	8693.5	6304.9	4448.4	3378.1	2547.4	2047.2
-12.5°	4065.6	4865.5	5512.3	5755.7	5512.3	4865.5	4065.6	3367.7	2688.0	2235.7	1856.7
-15°	2935.5	3290.3	3472.8	3559.0	3472.8	3290.3	2935.5	2552.0	2238.8	1929.1	1642.7
-17.5°	2242.7	2381.7	2451.1	2470.7	2451.1	2381.7	2242.7	2046.1	1862.1	1646.0	1487.4
-20°	1803.6	1875.0	1907.7	1910.2	1907.7	1875.0	1803.6	1681.7	1577.3	1452.3	1284.2



REPORT NUMBER: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1522.3	1561.4	1584.3	1603.6	1584.3	1561.4	1522.3	1463.3	1359.0	1219.3	1068.6
-25°	1284.9	1336.2	1360.8	1369.8	1360.8	1336.2	1284.9	1206.6	1105.5	989.9	865.9
-27.5°	1017.8	1051.8	1062.3	1083.3	1062.3	1051.8	1017.8	955.9	872.1	816.8	751.7
-30°	815.3	828.6	830.2	829.4	830.2	828.6	815.3	787.4	749.8	730.3	720.5
-32.5°	722.0	723.5	721.1	716.3	721.1	723.5	722.0	718.7	713.0	740.8	812.0
-35°	762.9	743.0	731.1	726.4	731.1	743.0	762.9	795.7	842.2	874.4	839.0
-37.5°	887.8	918.2	943.4	957.6	943.4	918.2	887.8	857.9	829.2	790.1	761.2
-40°	826.4	853.8	880.0	907.3	880.0	853.8	826.4	797.1	766.3	731.3	700.9
-42.5°	769.1	788.9	803.5	806.8	803.5	788.9	769.1	750.5	722.7	688.6	649.9
-45°	726.2	735.8	742.9	749.0	742.9	735.8	726.2	713.4	684.7	649.4	612.5
-47.5°	680.7	698.4	707.6	708.8	707.6	698.4	680.7	658.8	628.0	592.2	556.2
-50°	606.3	633.3	646.6	648.5	646.6	633.3	606.3	574.0	536.8	498.2	457.6
-52.5°	503.2	533.3	545.7	545.4	545.7	533.3	503.2	469.4	434.1	405.8	375.9
-55°	426.1	458.7	469.5	467.5	469.5	458.7	426.1	391.3	354.9	333.8	311.3
-57.5°	365.7	398.0	403.9	397.1	403.9	398.0	365.7	332.0	297.1	278.9	261.4
-60°	321.9	352.8	357.4	351.9	357.4	352.8	321.9	290.3	257.7	239.6	224.9
-62.5°	300.9	329.9	336.1	336.8	336.1	329.9	300.9	269.6	234.7	212.5	197.7
-65°	334.5	383.4	402.8	417.2	402.8	383.4	334.5	283.4	228.5	192.9	175.6
-67.5°	375.5	456.6	482.3	495.1	482.3	456.6	375.5	297.7	225.7	180.1	158.8
-70°	243.6	272.2	271.0	263.9	271.0	272.2	243.6	215.3	188.5	163.2	137.9
-72.5°	148.7	156.0	154.3	150.8	154.3	156.0	148.7	140.9	132.6	121.3	102.7
-75°	89.1	92.0	90.4	88.0	90.4	92.0	89.1	85.8	82.2	77.2	67.5
-77.5°	55.2	57.2	55.2	52.8	55.2	57.2	55.2	53.1	50.7	47.9	42.5
-80°	27.0	27.3	26.3	25.1	26.3	27.3	27.0	26.5	25.9	25.0	22.7
-82.5°	10.0	10.0	10.1	10.1	10.1	10.0	10.0	9.9	9.7	9.6	9.4
-85°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
-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: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	2.0	2.0	1.9	1.8	1.8
85°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
82.5°	9.2	8.9	8.7	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.6
80°	20.3	18.2	16.4	15.9	15.3	14.5	13.5	12.1	10.7	9.8	9.2
77.5°	37.2	32.1	28.2	27.6	26.8	25.7	23.9	21.3	19.2	17.1	15.4
75°	58.1	49.2	43.2	42.6	41.6	40.3	38.1	34.8	31.2	27.5	24.2
72.5°	85.2	69.1	60.2	59.5	58.3	56.9	55.2	52.2	47.8	41.9	36.5
70°	113.5	90.1	79.5	78.5	77.1	75.5	73.5	71.3	68.8	64.7	56.4
67.5°	135.9	111.0	101.9	100.6	99.3	97.1	92.9	89.3	86.1	82.7	74.3
65°	156.5	135.2	131.0	130.2	127.9	123.9	114.2	106.9	101.8	97.3	88.5
62.5°	181.6	164.3	164.0	162.5	159.9	154.0	141.2	129.5	119.0	109.9	102.3
60°	208.9	195.1	194.6	193.3	191.3	184.1	170.3	155.4	139.5	129.2	119.0
57.5°	242.7	230.5	228.2	224.9	220.7	209.9	197.0	183.5	167.4	152.7	138.6
55°	287.7	275.7	268.9	261.2	253.0	238.1	222.4	206.9	192.6	179.5	163.3
52.5°	345.3	332.4	319.6	305.0	290.1	270.2	250.2	232.6	216.4	202.0	187.0
50°	421.5	403.0	382.4	361.4	337.0	308.1	283.3	260.8	242.6	225.6	208.5
47.5°	519.1	490.1	458.1	429.7	395.0	358.0	325.3	293.6	272.7	250.1	231.1
45°	589.3	572.5	551.4	510.9	464.8	422.1	376.8	340.5	307.1	280.4	253.8
42.5°	637.7	625.5	608.3	582.3	548.0	495.5	442.8	394.9	351.5	314.3	280.5
40°	682.1	662.9	647.6	629.6	601.4	569.1	516.2	456.0	403.5	355.3	307.6
37.5°	734.0	706.4	686.0	664.2	642.2	613.7	579.8	526.0	459.1	398.3	340.8
35°	799.0	764.6	733.3	705.3	677.7	648.8	619.0	583.4	522.2	445.3	376.4
32.5°	881.4	838.2	795.6	757.1	714.4	679.4	648.8	617.3	576.3	498.4	418.9
30°	753.7	848.6	867.7	814.2	758.5	710.3	674.8	643.4	605.3	552.1	461.8
27.5°	732.5	727.0	832.0	874.2	805.5	747.0	702.7	666.3	632.2	585.5	510.7
25°	792.4	743.7	733.7	830.1	861.8	789.2	735.6	692.1	652.6	613.1	568.7
22.5°	909.5	810.6	746.9	733.8	853.1	843.5	775.3	719.2	676.4	651.2	608.9
20°	1101.4	917.9	804.1	748.2	773.4	894.4	815.7	756.1	716.6	686.4	646.2
17.5°	1293.7	1087.1	890.7	777.5	750.7	836.3	864.0	800.6	751.7	722.6	683.3
15°	1468.7	1244.2	1023.2	853.0	764.5	780.4	906.4	841.8	784.7	756.0	713.7
12.5°	1581.3	1382.8	1144.0	920.2	789.1	760.6	882.1	878.4	819.4	775.6	733.4
10°	1686.1	1480.0	1247.3	1013.1	841.5	771.7	846.2	908.7	847.1	791.3	749.2
7.5°	1813.5	1538.6	1324.0	1084.4	876.2	776.5	818.3	936.1	872.5	807.2	761.5
5°	1892.1	1579.1	1369.7	1125.7	892.0	776.3	797.2	960.5	895.1	822.6	770.8
2.5°	1940.9	1601.7	1391.9	1147.9	896.4	772.2	787.9	983.0	917.3	831.5	773.3
0°	1947.9	1598.5	1405.0	1156.2	894.8	764.1	794.2	1002.9	937.5	837.0	774.1
-2.5°	1940.9	1601.7	1391.9	1147.9	896.4	772.2	787.9	983.0	917.3	831.5	773.3
-5°	1892.1	1579.1	1369.7	1125.7	892.0	776.3	797.2	960.5	895.1	822.6	770.8
-7.5°	1813.5	1538.6	1324.0	1084.4	876.2	776.5	818.3	936.1	872.5	807.2	761.5
-10°	1686.1	1480.0	1247.3	1013.1	841.5	771.7	846.2	908.7	847.1	791.3	749.2
-12.5°	1581.3	1382.8	1144.0	920.2	789.1	760.6	882.1	878.4	819.4	775.6	733.4
-15°	1468.7	1244.2	1023.2	853.0	764.5	780.4	906.4	841.8	784.7	756.0	713.7
-17.5°	1293.7	1087.1	890.7	777.5	750.7	836.3	864.0	800.6	751.7	722.6	683.3
-20°	1101.4	917.9	804.1	748.2	773.4	894.4	815.7	756.1	716.6	686.4	646.2



REPORT NUMBER: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	909.5	810.6	746.9	733.8	853.1	843.5	775.3	719.2	676.4	651.2	608.9
-25°	792.4	743.7	733.7	830.1	861.8	789.2	735.6	692.1	652.6	613.1	568.7
-27.5°	732.5	727.0	832.0	874.2	805.5	747.0	702.7	666.3	632.2	585.5	510.7
-30°	753.7	848.6	867.7	814.2	758.5	710.3	674.8	643.4	605.3	552.1	461.8
-32.5°	881.4	838.2	795.6	757.1	714.4	679.4	648.8	617.3	576.3	498.4	418.9
-35°	799.0	764.6	733.3	705.3	677.7	648.8	619.0	583.4	522.2	445.3	376.4
-37.5°	734.0	706.4	686.0	664.2	642.2	613.7	579.8	526.0	459.1	398.3	340.8
-40°	682.1	662.9	647.6	629.6	601.4	569.1	516.2	456.0	403.5	355.3	307.6
-42.5°	637.7	625.5	608.3	582.3	548.0	495.5	442.8	394.9	351.5	314.3	280.5
-45°	589.3	572.5	551.4	510.9	464.8	422.1	376.8	340.5	307.1	280.4	253.8
-47.5°	519.1	490.1	458.1	429.7	395.0	358.0	325.3	293.6	272.7	250.1	231.1
-50°	421.5	403.0	382.4	361.4	337.0	308.1	283.3	260.8	242.6	225.6	208.5
-52.5°	345.3	332.4	319.6	305.0	290.1	270.2	250.2	232.6	216.4	202.0	187.0
-55°	287.7	275.7	268.9	261.2	253.0	238.1	222.4	206.9	192.6	179.5	163.3
-57.5°	242.7	230.5	228.2	224.9	220.7	209.9	197.0	183.5	167.4	152.7	138.6
-60°	208.9	195.1	194.6	193.3	191.3	184.1	170.3	155.4	139.5	129.2	119.0
-62.5°	181.6	164.3	164.0	162.5	159.9	154.0	141.2	129.5	119.0	109.9	102.3
-65°	156.5	135.2	131.0	130.2	127.9	123.9	114.2	106.9	101.8	97.3	88.5
-67.5°	135.9	111.0	101.9	100.6	99.3	97.1	92.9	89.3	86.1	82.7	74.3
-70°	113.5	90.1	79.5	78.5	77.1	75.5	73.5	71.3	68.8	64.7	56.4
-72.5°	85.2	69.1	60.2	59.5	58.3	56.9	55.2	52.2	47.8	41.9	36.5
-75°	58.1	49.2	43.2	42.6	41.6	40.3	38.1	34.8	31.2	27.5	24.2
-77.5°	37.2	32.1	28.2	27.6	26.8	25.7	23.9	21.3	19.2	17.1	15.4
-80°	20.3	18.2	16.4	15.9	15.3	14.5	13.5	12.1	10.7	9.8	9.2
-82.5°	9.2	8.9	8.7	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.6
-85°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
-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: P559193 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.7	1.6	1.5	1.4	1.7	1.9	2.0	2.1	1.9	1.7	1.5
85°	3.4	3.2	3.0	2.9	3.3	3.8	4.1	4.2	3.8	3.4	3.0
82.5°	5.1	4.8	4.6	4.3	4.3	4.4	4.6	5.0	5.0	5.0	4.5
80°	8.5	7.9	7.2	6.5	5.7	5.0	4.9	5.0	5.0	5.0	5.0
77.5°	14.0	12.4	10.4	9.3	8.4	7.5	6.5	5.5	5.0	5.0	5.0
75°	21.5	19.6	17.7	15.2	12.4	10.0	8.8	7.7	6.6	5.2	5.0
72.5°	33.2	29.7	26.2	22.0	18.4	15.1	12.1	9.9	8.8	7.4	5.5
70°	48.2	41.3	36.6	31.2	25.5	20.3	16.6	13.8	11.1	9.6	7.6
67.5°	65.4	55.9	48.1	40.6	33.8	27.4	21.4	18.1	15.2	11.8	9.7
65°	78.6	68.9	59.4	50.8	42.4	34.6	27.8	23.0	19.2	15.6	11.8
62.5°	92.3	80.6	70.4	60.8	51.4	42.4	34.3	29.6	23.8	19.4	14.8
60°	107.9	96.1	81.9	70.9	60.4	50.2	42.1	36.2	30.0	23.1	18.2
57.5°	126.7	113.3	97.1	81.9	69.5	58.2	50.4	43.8	36.4	28.6	21.7
55°	146.9	131.1	111.9	94.5	79.2	66.4	59.4	52.0	43.1	34.4	25.4
52.5°	169.9	148.9	127.3	107.1	89.5	76.1	69.7	60.3	50.9	40.3	31.0
50°	191.4	167.6	143.1	120.6	99.5	88.6	80.5	70.4	58.8	46.6	37.1
47.5°	209.2	184.6	159.6	134.0	111.3	102.1	93.0	81.0	66.8	53.8	43.3
45°	227.4	200.0	174.6	148.4	127.2	117.4	106.7	92.0	76.8	62.4	49.8
42.5°	245.4	216.1	187.9	161.8	145.4	132.8	121.1	105.0	87.0	71.5	57.2
40°	268.3	232.6	201.1	177.9	163.2	148.1	135.2	118.7	97.7	81.4	65.3
37.5°	290.6	251.2	215.8	195.2	180.0	163.9	148.9	132.9	111.2	92.6	73.5
35°	319.4	270.8	236.4	213.4	195.3	178.9	162.3	146.6	126.7	104.0	81.9
32.5°	347.2	295.4	260.1	231.8	210.0	193.3	175.5	163.9	142.9	115.5	90.5
30°	384.4	328.2	283.4	249.1	224.5	206.3	192.0	183.3	159.6	127.1	99.3
27.5°	430.4	360.5	307.2	268.6	239.8	219.2	214.1	204.8	176.7	139.6	108.8
25°	477.1	398.7	335.8	288.1	254.1	241.1	235.8	227.9	194.6	153.6	118.2
22.5°	528.7	437.6	363.5	306.6	278.4	262.0	256.5	247.5	213.4	167.7	127.4
20°	578.8	474.4	391.9	337.4	304.8	284.6	275.9	266.8	233.0	181.7	136.4
17.5°	624.3	515.7	431.9	371.0	331.4	306.7	294.7	285.7	253.2	195.5	145.1
15°	654.7	559.9	469.1	402.5	357.0	328.2	312.9	304.3	273.6	208.9	151.4
12.5°	680.5	598.6	502.7	431.8	381.5	349.1	330.5	322.5	294.0	217.6	154.7
10°	702.0	631.9	532.7	458.9	404.8	369.4	347.6	335.4	301.8	222.0	157.5
7.5°	719.7	660.1	559.3	483.8	423.9	379.6	350.2	337.6	306.5	225.3	160.0
5°	732.1	676.7	572.0	490.3	425.4	378.8	350.2	339.5	309.7	227.5	161.8
2.5°	734.0	678.4	575.2	492.5	425.7	377.1	349.9	340.9	311.5	228.6	163.0
0°	733.9	676.1	575.6	492.6	424.8	374.5	349.4	341.8	311.7	228.7	163.4
-2.5°	734.0	678.4	575.2	492.5	425.7	377.1	349.9	340.9	311.5	228.6	163.0
-5°	732.1	676.7	572.0	490.3	425.4	378.8	350.2	339.5	309.7	227.5	161.8
-7.5°	719.7	660.1	559.3	483.8	423.9	379.6	350.2	337.6	306.5	225.3	160.0
-10°	702.0	631.9	532.7	458.9	404.8	369.4	347.6	335.4	301.8	222.0	157.5
-12.5°	680.5	598.6	502.7	431.8	381.5	349.1	330.5	322.5	294.0	217.6	154.7
-15°	654.7	559.9	469.1	402.5	357.0	328.2	312.9	304.3	273.6	208.9	151.4
-17.5°	624.3	515.7	431.9	371.0	331.4	306.7	294.7	285.7	253.2	195.5	145.1
-20°	578.8	474.4	391.9	337.4	304.8	284.6	275.9	266.8	233.0	181.7	136.4



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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°	528.7	437.6	363.5	306.6	278.4	262.0	256.5	247.5	213.4	167.7	127.4
-25°	477.1	398.7	335.8	288.1	254.1	241.1	235.8	227.9	194.6	153.6	118.2
-27.5°	430.4	360.5	307.2	268.6	239.8	219.2	214.1	204.8	176.7	139.6	108.8
-30°	384.4	328.2	283.4	249.1	224.5	206.3	192.0	183.3	159.6	127.1	99.3
-32.5°	347.2	295.4	260.1	231.8	210.0	193.3	175.5	163.9	142.9	115.5	90.5
-35°	319.4	270.8	236.4	213.4	195.3	178.9	162.3	146.6	126.7	104.0	81.9
-37.5°	290.6	251.2	215.8	195.2	180.0	163.9	148.9	132.9	111.2	92.6	73.5
-40°	268.3	232.6	201.1	177.9	163.2	148.1	135.2	118.7	97.7	81.4	65.3
-42.5°	245.4	216.1	187.9	161.8	145.4	132.8	121.1	105.0	87.0	71.5	57.2
-45°	227.4	200.0	174.6	148.4	127.2	117.4	106.7	92.0	76.8	62.4	49.8
-47.5°	209.2	184.6	159.6	134.0	111.3	102.1	93.0	81.0	66.8	53.8	43.3
-50°	191.4	167.6	143.1	120.6	99.5	88.6	80.5	70.4	58.8	46.6	37.1
-52.5°	169.9	148.9	127.3	107.1	89.5	76.1	69.7	60.3	50.9	40.3	31.0
-55°	146.9	131.1	111.9	94.5	79.2	66.4	59.4	52.0	43.1	34.4	25.4
-57.5°	126.7	113.3	97.1	81.9	69.5	58.2	50.4	43.8	36.4	28.6	21.7
-60°	107.9	96.1	81.9	70.9	60.4	50.2	42.1	36.2	30.0	23.1	18.2
-62.5°	92.3	80.6	70.4	60.8	51.4	42.4	34.3	29.6	23.8	19.4	14.8
-65°	78.6	68.9	59.4	50.8	42.4	34.6	27.8	23.0	19.2	15.6	11.8
-67.5°	65.4	55.9	48.1	40.6	33.8	27.4	21.4	18.1	15.2	11.8	9.7
-70°	48.2	41.3	36.6	31.2	25.5	20.3	16.6	13.8	11.1	9.6	7.6
-72.5°	33.2	29.7	26.2	22.0	18.4	15.1	12.1	9.9	8.8	7.4	5.5
-75°	21.5	19.6	17.7	15.2	12.4	10.0	8.8	7.7	6.6	5.2	5.0
-77.5°	14.0	12.4	10.4	9.3	8.4	7.5	6.5	5.5	5.0	5.0	5.0
-80°	8.5	7.9	7.2	6.5	5.7	5.0	4.9	5.0	5.0	5.0	5.0
-82.5°	5.1	4.8	4.6	4.3	4.3	4.4	4.6	5.0	5.0	5.0	4.5
-85°	3.4	3.2	3.0	2.9	3.3	3.8	4.1	4.2	3.8	3.4	3.0
-87.5°	1.7	1.6	1.5	1.4	1.7	1.9	2.0	2.1	1.9	1.7	1.5
-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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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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.0	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	5.0	5.0	4.3	3.2	2.2	1.1	0.0
75°	5.0	5.0	5.0	3.9	2.6	1.3	0.0
72.5°	5.0	5.0	5.0	4.5	3.0	1.5	0.0
70°	5.2	5.0	5.0	5.0	3.4	1.7	0.0
67.5°	7.2	5.0	5.0	5.0	3.8	1.9	0.0
65°	9.1	5.8	5.0	5.0	4.2	2.1	0.0
62.5°	11.0	7.5	5.0	5.0	4.6	2.3	0.0
60°	12.9	9.2	5.0	5.0	5.0	2.5	0.0
57.5°	16.1	10.8	6.3	5.0	5.0	2.7	0.0
55°	19.5	12.5	7.7	5.0	5.1	2.9	0.0
52.5°	23.1	14.4	9.0	5.0	5.1	3.0	0.0
50°	26.7	17.5	10.3	5.0	5.2	3.2	0.0
47.5°	30.6	20.7	11.6	5.2	5.2	3.4	0.0
45°	36.3	23.8	12.9	6.2	5.3	3.5	0.0
42.5°	42.0	27.0	14.1	7.1	5.4	3.7	0.0
40°	47.8	30.2	16.0	8.0	5.5	3.8	0.0
37.5°	53.6	33.4	18.4	8.9	5.6	4.0	0.0
35°	59.5	37.6	20.8	9.6	5.7	4.1	0.0
32.5°	65.7	42.2	23.2	10.3	5.8	4.2	0.0
30°	72.5	46.7	25.5	10.9	5.9	4.3	0.0
27.5°	79.3	51.1	26.9	11.4	6.0	4.4	0.0
25°	86.0	55.5	28.1	11.9	6.2	4.5	0.0
22.5°	92.5	58.9	29.0	12.2	6.3	4.6	0.0
20°	98.9	60.1	29.6	12.5	6.4	4.7	0.0
17.5°	102.2	60.9	30.1	12.7	6.6	4.8	0.0
15°	103.4	61.2	30.3	12.9	6.7	4.8	0.0
12.5°	104.2	61.1	30.3	12.9	6.9	4.9	0.0
10°	104.5	60.7	30.1	13.0	7.0	4.9	0.0
7.5°	104.2	59.8	29.7	12.9	7.1	5.0	0.0
5°	103.5	58.6	29.1	12.9	7.3	5.0	0.0
2.5°	102.3	57.1	28.4	12.7	7.4	5.0	0.0
0°	100.5	55.3	27.6	12.6	7.5	5.0	0.0
-2.5°	102.3	57.1	28.4	12.7	7.4	5.0	0.0
-5°	103.5	58.6	29.1	12.9	7.3	5.0	0.0
-7.5°	104.2	59.8	29.7	12.9	7.1	5.0	0.0
-10°	104.5	60.7	30.1	13.0	7.0	4.9	0.0
-12.5°	104.2	61.1	30.3	12.9	6.9	4.9	0.0
-15°	103.4	61.2	30.3	12.9	6.7	4.8	0.0
-17.5°	102.2	60.9	30.1	12.7	6.6	4.8	0.0
-20°	98.9	60.1	29.6	12.5	6.4	4.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	92.5	58.9	29.0	12.2	6.3	4.6	0.0
-25°	86.0	55.5	28.1	11.9	6.2	4.5	0.0
-27.5°	79.3	51.1	26.9	11.4	6.0	4.4	0.0
-30°	72.5	46.7	25.5	10.9	5.9	4.3	0.0
-32.5°	65.7	42.2	23.2	10.3	5.8	4.2	0.0
-35°	59.5	37.6	20.8	9.6	5.7	4.1	0.0
-37.5°	53.6	33.4	18.4	8.9	5.6	4.0	0.0
-40°	47.8	30.2	16.0	8.0	5.5	3.8	0.0
-42.5°	42.0	27.0	14.1	7.1	5.4	3.7	0.0
-45°	36.3	23.8	12.9	6.2	5.3	3.5	0.0
-47.5°	30.6	20.7	11.6	5.2	5.2	3.4	0.0
-50°	26.7	17.5	10.3	5.0	5.2	3.2	0.0
-52.5°	23.1	14.4	9.0	5.0	5.1	3.0	0.0
-55°	19.5	12.5	7.7	5.0	5.1	2.9	0.0
-57.5°	16.1	10.8	6.3	5.0	5.0	2.7	0.0
-60°	12.9	9.2	5.0	5.0	5.0	2.5	0.0
-62.5°	11.0	7.5	5.0	5.0	4.6	2.3	0.0
-65°	9.1	5.8	5.0	5.0	4.2	2.1	0.0
-67.5°	7.2	5.0	5.0	5.0	3.8	1.9	0.0
-70°	5.2	5.0	5.0	5.0	3.4	1.7	0.0
-72.5°	5.0	5.0	5.0	4.5	3.0	1.5	0.0
-75°	5.0	5.0	5.0	3.9	2.6	1.3	0.0
-77.5°	5.0	5.0	4.3	3.2	2.2	1.1	0.0
-80°	5.0	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)