

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: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559169 (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-927-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

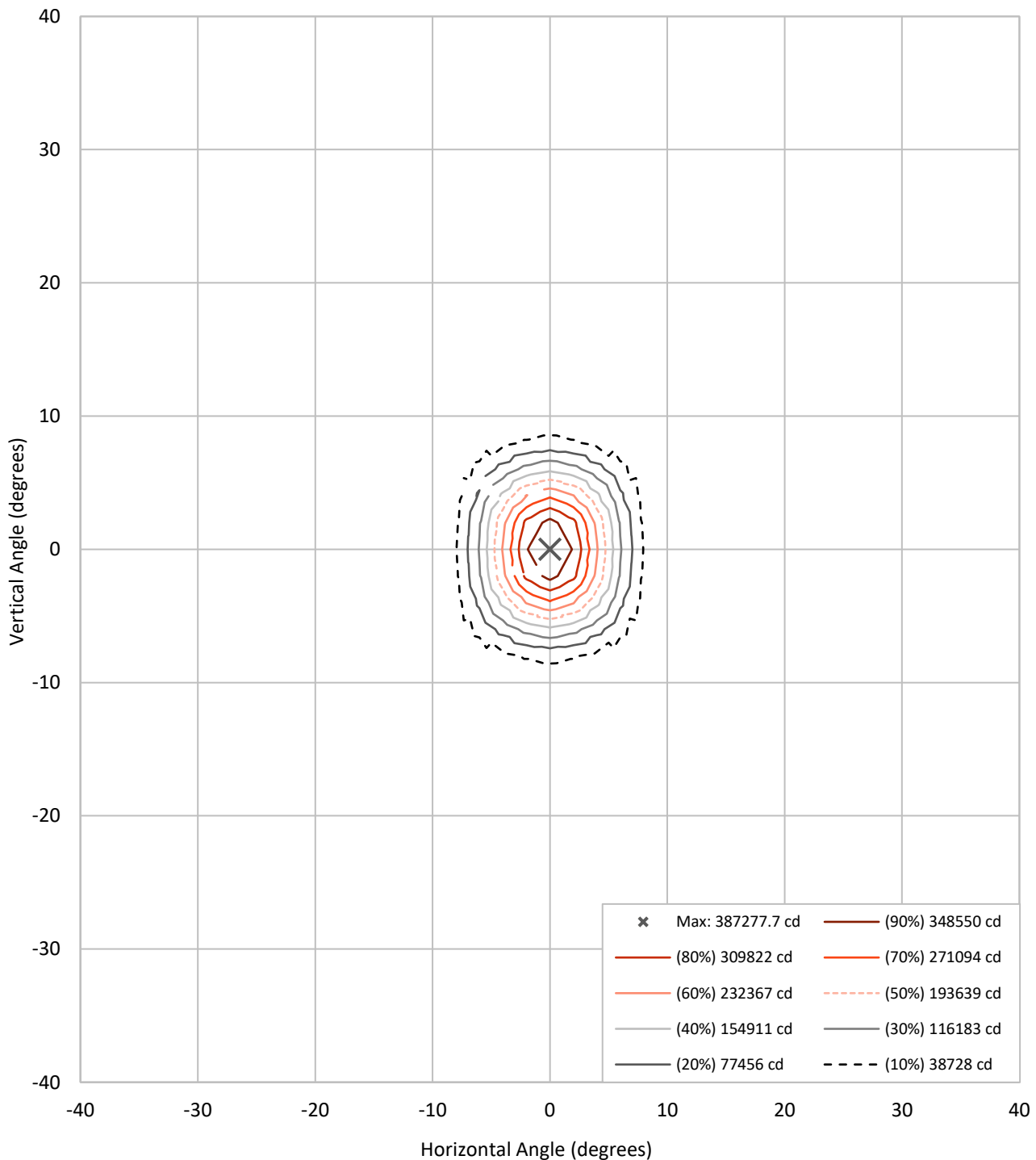
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15081.4 lumens	Max Intensity:	387277.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6464.2 lumens	Field Lumens:	11140.9 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



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





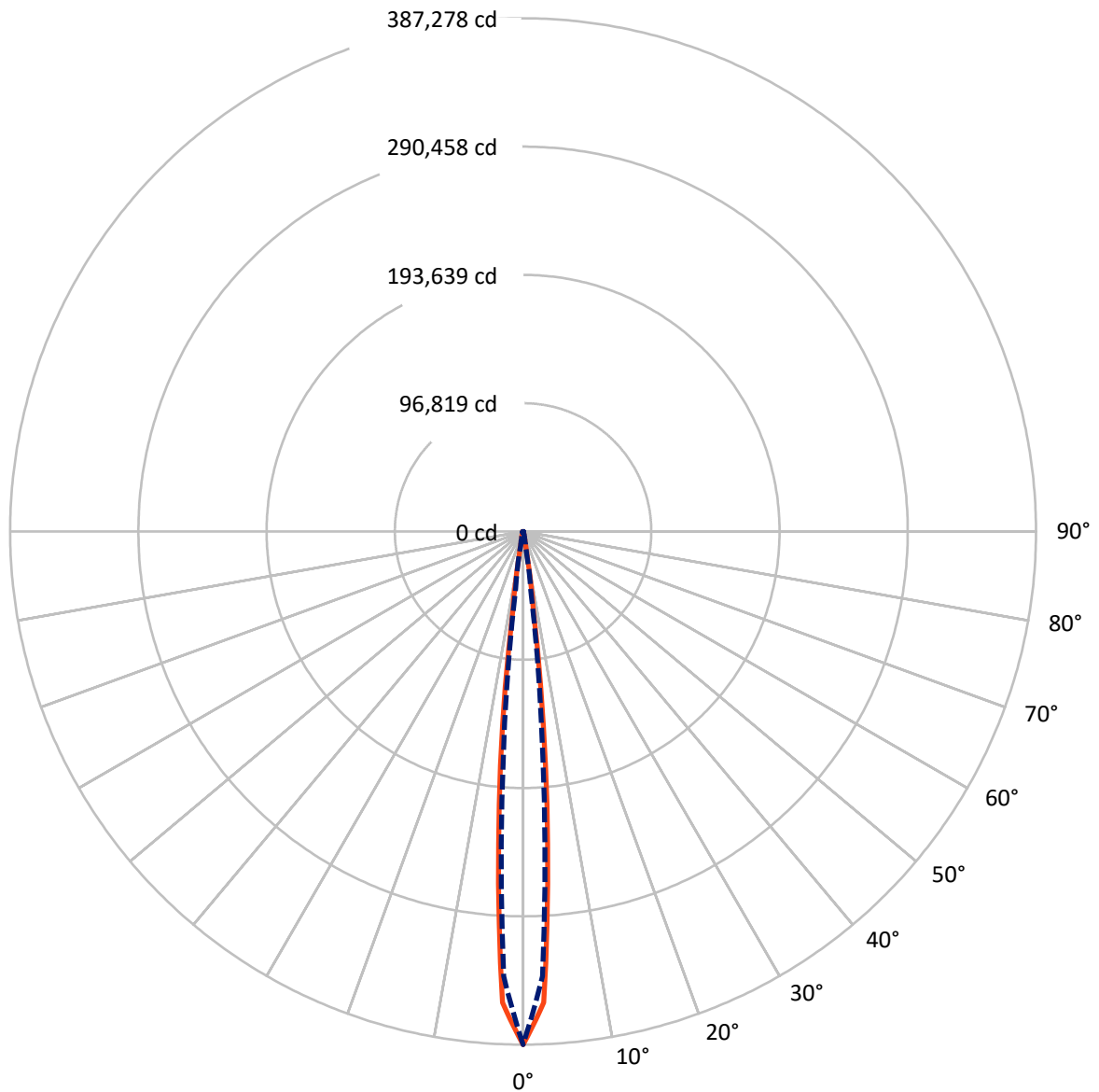
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Lumen Table

90	0.1	0.4		1.6		3.6		6.2		3.6		1.6		0.4		0.1			
80	0.1	0.4		1.6		3.6		6.2		3.6		1.6		0.4		0.1			
70	0.2	0.3	0.8	1.7	2.6	3.3	5.3	9.4	9.4	5.3	3.3	2.6	1.7	0.8	0.3	0.2			
60		0.6	1.5	3.1	4.9	6.7	9.0	12.2	12.2	9.0	6.7	4.9	3.1	1.5	0.6				
50	0.8	1.1	2.4	4.9	8.5	12.8	16.4	19.6	19.6	16.4	12.8	8.5	4.9	2.4	1.1	0.8			
40		1.7	3.4	7.3	13.3	17.9	20.2	21.4	21.4	20.2	17.9	13.3	7.3	3.4	1.7				
30	1.5	2.4	4.7	10.4	16.2	19.4	26.5	34.8	34.8	26.5	19.4	16.2	10.4	4.7	2.4	1.5			
20		3.3	6.4	13.1	18.0	25.6	51.8	103.6	103.6	51.8	25.6	18.0	13.1	6.4	3.3				
10	1.8	3.7	7.7	14.6	18.7	32.8	102.5	3030.1	3030.1	102.5	32.8	18.7	14.6	7.7	3.7	1.8			
0		3.7	7.7	14.6	18.7	32.8	102.5	3030.1	3030.1	102.5	32.8	18.7	14.6	7.7	3.7				
-10	1.5	3.3	6.4	13.1	18.0	25.6	51.8	103.6	103.6	51.8	25.6	18.0	13.1	6.4	3.3	1.5			
-20		2.4	4.7	10.4	16.2	19.4	26.5	34.8	34.8	26.5	19.4	16.2	10.4	4.7	2.4				
-30	0.8	1.7	3.4	7.3	13.3	17.9	20.2	21.4	21.4	20.2	17.9	13.3	7.3	3.4	1.7	0.8			
-40		1.1	2.4	4.9	8.5	12.8	16.4	19.6	19.6	16.4	12.8	8.5	4.9	2.4	1.1				
-50	0.2	0.6	1.5	3.1	4.9	6.7	9.0	12.2	12.2	9.0	6.7	4.9	3.1	1.5	0.6	0.2			
-60		0.3	0.8	1.7	2.6	3.3	5.3	9.4	9.4	5.3	3.3	2.6	1.7	0.8	0.3				
-70	0.1	0.4		1.6		3.6		6.2		3.6		1.6		0.4		0.1			
-80		0.4		1.6		3.6		6.2		3.6		1.6		0.4					
-90	0.1	0.4		1.6		3.6		6.2		3.6		1.6		0.4		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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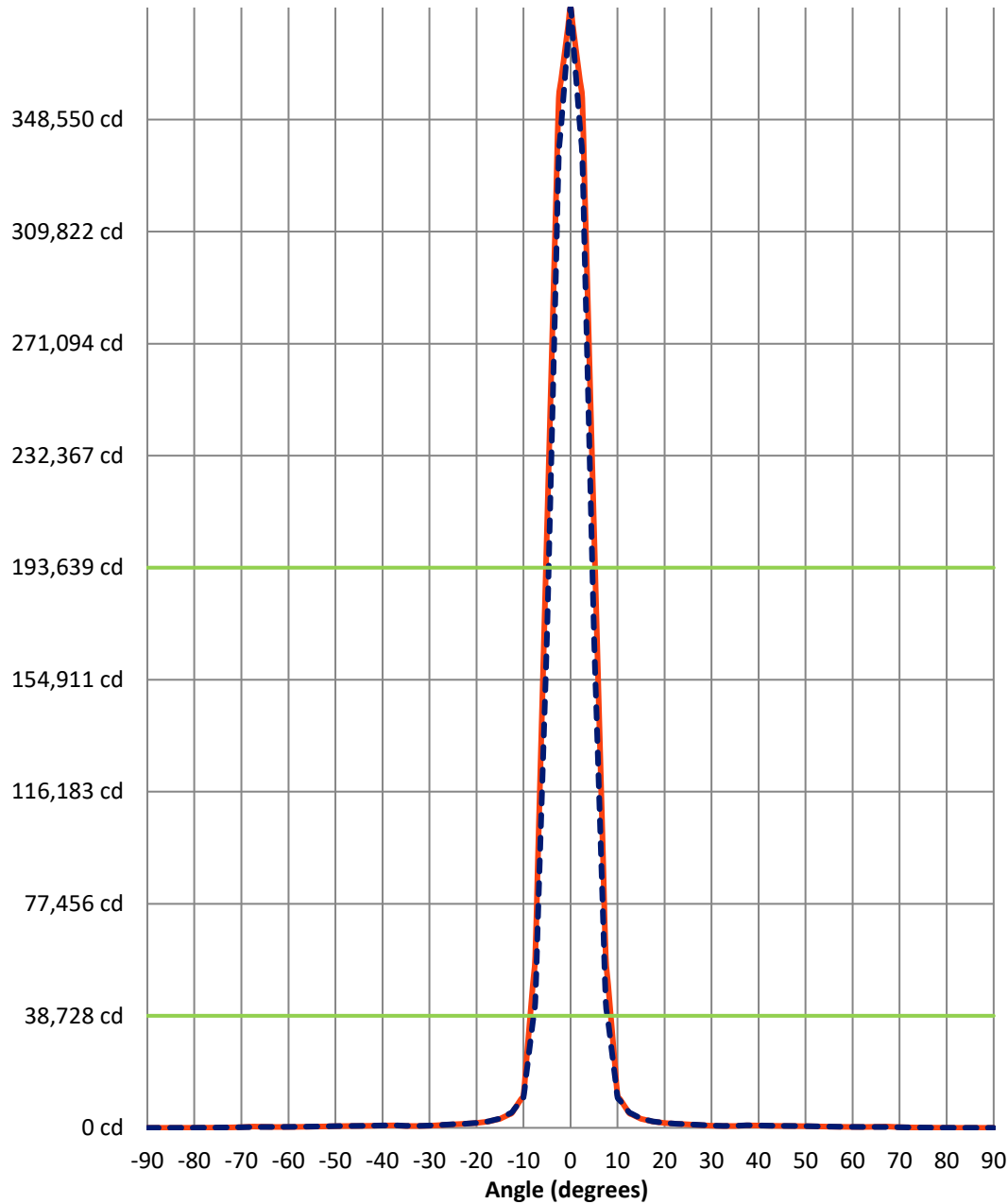
Luminous Intensity Polar Plot



— 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: 6464.2
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 11140.9
Efficiency: 73.9%

Spill:
Lumens: 3940.5
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	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.4	4.4	4.4
80°	0.0	0.8	1.5	2.3	3.0	3.8	4.4	4.4	4.4	4.4	4.4
77.5°	0.0	1.0	1.9	2.8	3.8	4.4	4.4	4.4	4.4	4.4	4.8
75°	0.0	1.1	2.3	3.4	4.4	4.4	4.4	4.4	4.6	5.8	6.7
72.5°	0.0	1.3	2.6	4.0	4.4	4.4	4.4	4.9	6.5	7.7	8.7
70°	0.0	1.5	3.0	4.4	4.4	4.4	4.6	6.7	8.3	9.7	12.0
67.5°	0.0	1.7	3.4	4.4	4.4	4.4	6.3	8.5	10.3	13.3	15.8
65°	0.0	1.9	3.7	4.4	4.4	5.1	7.9	10.3	13.6	16.8	20.2
62.5°	0.0	2.0	4.1	4.4	4.4	6.6	9.6	13.0	16.9	20.8	25.9
60°	0.0	2.2	4.4	4.4	4.4	8.0	11.2	16.0	20.3	26.3	31.7
57.5°	0.0	2.4	4.4	4.4	5.5	9.5	14.1	19.0	25.0	31.9	38.4
55°	0.0	2.5	4.5	4.4	6.7	10.9	17.1	22.3	30.2	37.8	45.5
52.5°	0.0	2.7	4.5	4.4	7.9	12.5	20.2	27.2	35.4	44.6	52.9
50°	0.0	2.8	4.5	4.4	9.0	15.3	23.4	32.5	40.9	51.5	61.7
47.5°	0.0	3.0	4.6	4.6	10.1	18.1	26.8	38.0	47.2	58.5	71.0
45°	0.0	3.1	4.7	5.4	11.2	20.9	31.8	43.7	54.8	67.3	80.6
42.5°	0.0	3.2	4.7	6.2	12.3	23.7	36.8	50.2	62.6	76.2	92.0
40°	0.0	3.4	4.8	7.0	13.9	26.5	41.9	57.3	71.3	85.6	104.0
37.5°	0.0	3.5	4.9	7.8	16.1	29.3	47.0	64.5	81.1	97.4	116.5
35°	0.0	3.6	5.0	8.4	18.2	32.9	52.2	71.8	91.1	111.0	128.5
32.5°	0.0	3.7	5.1	9.0	20.3	36.9	57.6	79.3	101.2	125.2	143.6
30°	0.0	3.8	5.2	9.5	22.3	40.9	63.6	87.0	111.3	139.9	160.7
27.5°	0.0	3.9	5.3	10.0	23.6	44.8	69.5	95.3	122.3	154.9	179.5
25°	0.0	4.0	5.4	10.4	24.6	48.6	75.4	103.6	134.6	170.6	199.7
22.5°	0.0	4.1	5.5	10.7	25.4	51.6	81.1	111.7	147.0	187.1	216.9
20°	0.0	4.1	5.7	10.9	26.0	52.7	86.7	119.6	159.3	204.3	233.8
17.5°	0.0	4.2	5.8	11.1	26.3	53.4	89.6	127.2	171.4	221.9	250.5
15°	0.0	4.2	5.9	11.2	26.5	53.7	90.7	132.7	183.1	239.8	266.7
12.5°	0.0	4.3	6.0	11.3	26.5	53.6	91.3	135.5	190.8	257.7	282.7
10°	0.0	4.3	6.2	11.3	26.3	53.2	91.5	138.1	194.6	264.5	293.9
7.5°	0.0	4.4	6.3	11.3	26.0	52.5	91.4	140.2	197.5	268.7	295.9
5°	0.0	4.4	6.4	11.2	25.5	51.4	90.7	141.8	199.5	271.5	297.6
2.5°	0.0	4.4	6.5	11.1	24.9	50.1	89.6	142.8	200.4	273.0	298.8
0°	0.0	4.4	6.6	11.0	24.2	48.5	88.1	143.2	200.5	273.2	299.6
-2.5°	0.0	4.4	6.5	11.1	24.9	50.1	89.6	142.8	200.4	273.0	298.8
-5°	0.0	4.4	6.4	11.2	25.5	51.4	90.7	141.8	199.5	271.5	297.6
-7.5°	0.0	4.4	6.3	11.3	26.0	52.5	91.4	140.2	197.5	268.7	295.9
-10°	0.0	4.3	6.2	11.3	26.3	53.2	91.5	138.1	194.6	264.5	293.9
-12.5°	0.0	4.3	6.0	11.3	26.5	53.6	91.3	135.5	190.8	257.7	282.7
-15°	0.0	4.2	5.9	11.2	26.5	53.7	90.7	132.7	183.1	239.8	266.7
-17.5°	0.0	4.2	5.8	11.1	26.3	53.4	89.6	127.2	171.4	221.9	250.5
-20°	0.0	4.1	5.7	10.9	26.0	52.7	86.7	119.6	159.3	204.3	233.8



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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	4.1	5.5	10.7	25.4	51.6	81.1	111.7	147.0	187.1	216.9
-25°	0.0	4.0	5.4	10.4	24.6	48.6	75.4	103.6	134.6	170.6	199.7
-27.5°	0.0	3.9	5.3	10.0	23.6	44.8	69.5	95.3	122.3	154.9	179.5
-30°	0.0	3.8	5.2	9.5	22.3	40.9	63.6	87.0	111.3	139.9	160.7
-32.5°	0.0	3.7	5.1	9.0	20.3	36.9	57.6	79.3	101.2	125.2	143.6
-35°	0.0	3.6	5.0	8.4	18.2	32.9	52.2	71.8	91.1	111.0	128.5
-37.5°	0.0	3.5	4.9	7.8	16.1	29.3	47.0	64.5	81.1	97.4	116.5
-40°	0.0	3.4	4.8	7.0	13.9	26.5	41.9	57.3	71.3	85.6	104.0
-42.5°	0.0	3.2	4.7	6.2	12.3	23.7	36.8	50.2	62.6	76.2	92.0
-45°	0.0	3.1	4.7	5.4	11.2	20.9	31.8	43.7	54.8	67.3	80.6
-47.5°	0.0	3.0	4.6	4.6	10.1	18.1	26.8	38.0	47.2	58.5	71.0
-50°	0.0	2.8	4.5	4.4	9.0	15.3	23.4	32.5	40.9	51.5	61.7
-52.5°	0.0	2.7	4.5	4.4	7.9	12.5	20.2	27.2	35.4	44.6	52.9
-55°	0.0	2.5	4.5	4.4	6.7	10.9	17.1	22.3	30.2	37.8	45.5
-57.5°	0.0	2.4	4.4	4.4	5.5	9.5	14.1	19.0	25.0	31.9	38.4
-60°	0.0	2.2	4.4	4.4	4.4	8.0	11.2	16.0	20.3	26.3	31.7
-62.5°	0.0	2.0	4.1	4.4	4.4	6.6	9.6	13.0	16.9	20.8	25.9
-65°	0.0	1.9	3.7	4.4	4.4	5.1	7.9	10.3	13.6	16.8	20.2
-67.5°	0.0	1.7	3.4	4.4	4.4	4.4	6.3	8.5	10.3	13.3	15.8
-70°	0.0	1.5	3.0	4.4	4.4	4.4	4.6	6.7	8.3	9.7	12.0
-72.5°	0.0	1.3	2.6	4.0	4.4	4.4	4.4	4.9	6.5	7.7	8.7
-75°	0.0	1.1	2.3	3.4	4.4	4.4	4.4	4.4	4.6	5.8	6.7
-77.5°	0.0	1.0	1.9	2.8	3.8	4.4	4.4	4.4	4.4	4.4	4.8
-80°	0.0	0.8	1.5	2.3	3.0	3.8	4.4	4.4	4.4	4.4	4.4
-82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.4	4.4	4.4
-85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-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-927-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°	1.8	1.7	1.5	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	3.6	3.3	2.9	2.5	2.7	2.8	3.0	3.1	3.2	3.4	3.5
82.5°	4.1	3.9	3.8	3.8	4.0	4.2	4.5	4.9	5.3	5.7	6.1
80°	4.3	4.4	5.0	5.7	6.3	6.9	7.5	8.0	8.5	9.4	10.5
77.5°	5.7	6.5	7.4	8.2	9.1	10.8	12.3	13.5	15.0	16.8	18.6
75°	7.7	8.7	10.8	13.3	15.5	17.2	18.8	21.2	24.1	27.4	30.5
72.5°	10.6	13.2	16.1	19.2	22.9	26.1	29.1	31.9	36.7	41.9	45.8
70°	14.5	17.8	22.3	27.4	32.1	36.2	42.2	49.4	56.7	60.3	62.5
67.5°	18.7	24.0	29.6	35.6	42.2	49.1	57.4	65.1	72.5	75.5	78.2
65°	24.3	30.3	37.2	44.6	52.1	60.4	68.9	77.5	85.3	89.2	93.7
62.5°	30.0	37.2	45.1	53.3	61.7	70.6	80.9	89.7	96.3	104.3	113.5
60°	36.9	44.0	53.0	62.1	71.8	84.2	94.6	104.3	113.2	122.3	136.2
57.5°	44.1	51.0	61.0	71.8	85.1	99.2	111.0	121.5	133.9	146.7	160.8
55°	52.1	58.2	69.5	82.8	98.0	114.9	128.8	143.1	157.3	168.8	181.4
52.5°	61.1	66.7	78.5	93.8	111.6	130.5	148.9	163.8	177.1	189.7	203.9
50°	70.5	77.7	87.2	105.7	125.4	146.9	167.7	182.8	197.8	212.6	228.6
47.5°	81.5	89.5	97.5	117.5	139.8	161.8	183.4	202.6	219.2	239.0	257.4
45°	93.5	102.9	111.5	130.0	153.0	175.3	199.3	222.4	245.7	269.2	298.5
42.5°	106.2	116.4	127.4	141.8	164.7	189.5	215.1	245.9	275.5	308.1	346.2
40°	118.5	129.8	143.0	155.9	176.3	203.9	235.2	269.7	311.5	353.7	399.8
37.5°	130.5	143.6	157.7	171.1	189.1	220.2	254.7	298.8	349.1	402.4	461.1
35°	142.3	156.9	171.2	187.0	207.2	237.4	280.0	329.9	390.3	457.7	511.3
32.5°	153.9	169.5	184.1	203.2	228.1	259.0	304.3	367.2	436.9	505.1	541.1
30°	168.3	180.9	196.8	218.4	248.4	287.7	336.9	404.8	483.9	530.6	564.0
27.5°	187.7	192.2	210.2	235.4	269.3	316.0	377.2	447.7	513.2	554.2	584.0
25°	206.7	211.3	222.7	252.6	294.4	349.5	418.2	498.5	537.5	572.0	606.6
22.5°	224.8	229.7	244.1	268.8	318.6	383.6	463.5	533.8	570.8	592.8	630.4
20°	241.9	249.5	267.1	295.8	343.5	415.8	507.3	566.5	601.7	628.1	662.7
17.5°	258.4	268.8	290.5	325.2	378.5	452.1	547.3	599.0	633.4	658.9	701.8
15°	274.3	287.7	312.9	352.8	411.2	490.8	573.9	625.6	662.6	687.9	737.9
12.5°	289.7	306.0	334.4	378.5	440.6	524.7	596.5	642.9	679.8	718.3	770.0
10°	304.6	323.8	354.8	402.2	466.9	553.9	615.4	656.7	693.6	742.6	796.5
7.5°	306.9	332.7	371.5	424.1	490.2	578.7	630.9	667.5	707.6	764.8	820.5
5°	306.9	332.1	372.8	429.8	501.3	593.2	641.8	675.7	721.0	784.6	841.9
2.5°	306.7	330.5	373.1	431.7	504.1	594.7	643.4	677.9	728.8	804.0	861.6
0°	306.2	328.3	372.3	431.8	504.5	592.6	643.3	678.6	733.6	821.8	879.1
-2.5°	306.7	330.5	373.1	431.7	504.1	594.7	643.4	677.9	728.8	804.0	861.6
-5°	306.9	332.1	372.8	429.8	501.3	593.2	641.8	675.7	721.0	784.6	841.9
-7.5°	306.9	332.7	371.5	424.1	490.2	578.7	630.9	667.5	707.6	764.8	820.5
-10°	304.6	323.8	354.8	402.2	466.9	553.9	615.4	656.7	693.6	742.6	796.5
-12.5°	289.7	306.0	334.4	378.5	440.6	524.7	596.5	642.9	679.8	718.3	770.0
-15°	274.3	287.7	312.9	352.8	411.2	490.8	573.9	625.6	662.6	687.9	737.9
-17.5°	258.4	268.8	290.5	325.2	378.5	452.1	547.3	599.0	633.4	658.9	701.8
-20°	241.9	249.5	267.1	295.8	343.5	415.8	507.3	566.5	601.7	628.1	662.7



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	224.8	229.7	244.1	268.8	318.6	383.6	463.5	533.8	570.8	592.8	630.4
-25°	206.7	211.3	222.7	252.6	294.4	349.5	418.2	498.5	537.5	572.0	606.6
-27.5°	187.7	192.2	210.2	235.4	269.3	316.0	377.2	447.7	513.2	554.2	584.0
-30°	168.3	180.9	196.8	218.4	248.4	287.7	336.9	404.8	483.9	530.6	564.0
-32.5°	153.9	169.5	184.1	203.2	228.1	259.0	304.3	367.2	436.9	505.1	541.1
-35°	142.3	156.9	171.2	187.0	207.2	237.4	280.0	329.9	390.3	457.7	511.3
-37.5°	130.5	143.6	157.7	171.1	189.1	220.2	254.7	298.8	349.1	402.4	461.1
-40°	118.5	129.8	143.0	155.9	176.3	203.9	235.2	269.7	311.5	353.7	399.8
-42.5°	106.2	116.4	127.4	141.8	164.7	189.5	215.1	245.9	275.5	308.1	346.2
-45°	93.5	102.9	111.5	130.0	153.0	175.3	199.3	222.4	245.7	269.2	298.5
-47.5°	81.5	89.5	97.5	117.5	139.8	161.8	183.4	202.6	219.2	239.0	257.4
-50°	70.5	77.7	87.2	105.7	125.4	146.9	167.7	182.8	197.8	212.6	228.6
-52.5°	61.1	66.7	78.5	93.8	111.6	130.5	148.9	163.8	177.1	189.7	203.9
-55°	52.1	58.2	69.5	82.8	98.0	114.9	128.8	143.1	157.3	168.8	181.4
-57.5°	44.1	51.0	61.0	71.8	85.1	99.2	111.0	121.5	133.9	146.7	160.8
-60°	36.9	44.0	53.0	62.1	71.8	84.2	94.6	104.3	113.2	122.3	136.2
-62.5°	30.0	37.2	45.1	53.3	61.7	70.6	80.9	89.7	96.3	104.3	113.5
-65°	24.3	30.3	37.2	44.6	52.1	60.4	68.9	77.5	85.3	89.2	93.7
-67.5°	18.7	24.0	29.6	35.6	42.2	49.1	57.4	65.1	72.5	75.5	78.2
-70°	14.5	17.8	22.3	27.4	32.1	36.2	42.2	49.4	56.7	60.3	62.5
-72.5°	10.6	13.2	16.1	19.2	22.9	26.1	29.1	31.9	36.7	41.9	45.8
-75°	7.7	8.7	10.8	13.3	15.5	17.2	18.8	21.2	24.1	27.4	30.5
-77.5°	5.7	6.5	7.4	8.2	9.1	10.8	12.3	13.5	15.0	16.8	18.6
-80°	4.3	4.4	5.0	5.7	6.3	6.9	7.5	8.0	8.5	9.4	10.5
-82.5°	4.1	3.9	3.8	3.8	4.0	4.2	4.5	4.9	5.3	5.7	6.1
-85°	3.6	3.3	2.9	2.5	2.7	2.8	3.0	3.1	3.2	3.4	3.5
-87.5°	1.8	1.7	1.5	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
-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: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
85°	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.2	4.3	4.3
82.5°	6.4	6.7	7.0	7.3	7.6	7.8	8.0	8.2	8.3	8.5	8.6
80°	11.8	12.7	13.4	13.9	14.3	15.9	17.8	19.8	22.0	22.7	23.3
77.5°	21.0	22.5	23.5	24.2	24.7	28.1	32.6	37.2	42.0	44.5	46.5
75°	33.5	35.3	36.5	37.3	37.8	43.1	50.9	59.1	67.6	72.0	75.2
72.5°	48.4	49.9	51.1	52.2	52.8	60.6	74.7	90.0	106.3	116.3	123.5
70°	64.4	66.2	67.6	68.8	69.7	79.0	99.5	120.9	143.0	165.2	188.7
67.5°	81.5	85.1	87.0	88.1	89.3	97.3	119.1	139.2	157.8	197.8	260.9
65°	100.0	108.5	112.1	114.1	114.9	118.5	137.2	153.9	169.1	200.3	248.4
62.5°	123.8	135.0	140.1	142.4	143.7	144.0	159.2	173.3	186.3	205.7	236.3
60°	149.3	161.3	167.7	169.4	170.6	171.0	183.1	197.1	210.0	225.9	254.5
57.5°	172.7	184.0	193.4	197.1	200.0	202.1	212.8	229.2	244.5	260.4	291.0
55°	195.0	208.7	221.7	228.9	235.7	241.7	252.2	272.9	292.6	311.1	343.0
52.5°	219.3	236.9	254.3	267.4	280.2	291.3	302.6	329.4	355.7	380.5	411.5
50°	248.3	270.1	295.5	316.8	335.2	353.2	369.4	401.1	436.7	470.6	503.1
47.5°	285.2	313.9	346.3	376.7	401.6	429.6	455.0	487.6	519.0	550.5	577.4
45°	330.4	370.1	407.4	447.8	483.4	501.9	516.6	537.0	569.3	600.1	625.3
42.5°	388.2	434.4	480.4	510.4	533.3	548.3	559.0	569.7	603.6	633.5	657.8
40°	452.5	498.9	527.2	551.9	567.7	581.1	597.9	614.4	641.1	671.7	698.7
37.5°	508.2	538.0	562.9	582.2	601.4	619.2	643.4	667.2	692.6	726.9	752.0
35°	542.6	568.7	594.0	618.3	642.8	670.2	700.4	735.5	766.5	738.3	697.4
32.5°	568.7	595.5	626.1	663.6	697.4	734.8	772.6	711.8	649.3	624.9	629.9
30°	591.5	622.6	664.9	713.7	760.6	743.8	660.7	631.6	640.1	657.2	690.2
27.5°	615.9	654.8	706.1	766.2	729.3	637.2	642.1	658.9	716.0	764.4	837.9
25°	644.8	691.8	755.4	727.6	643.2	651.9	694.6	759.0	867.7	969.1	1057.7
22.5°	679.6	739.4	747.8	643.2	654.7	710.5	797.2	936.7	1068.7	1191.3	1282.7
20°	715.0	783.9	677.9	655.8	704.8	804.6	965.4	1125.6	1273.0	1382.6	1474.1
17.5°	757.4	733.0	658.0	681.6	780.7	952.9	1134.0	1303.8	1442.8	1632.2	1793.4
15°	794.5	684.0	670.1	747.7	896.9	1090.7	1287.4	1439.9	1691.0	1962.5	2237.0
12.5°	773.2	666.7	691.7	806.6	1002.7	1212.1	1386.1	1627.5	1959.7	2356.2	2952.0
10°	741.7	676.5	737.7	888.0	1093.3	1297.3	1478.0	1794.4	2232.9	2961.1	3899.3
7.5°	717.4	680.7	768.0	950.6	1160.6	1348.7	1589.6	1973.4	2584.5	3583.6	5581.0
5°	698.9	680.5	781.9	986.7	1200.6	1384.2	1658.5	2103.5	2929.0	4352.5	7765.8
2.5°	690.7	676.9	785.8	1006.2	1220.1	1404.0	1701.3	2197.0	3146.5	5066.8	10211.6
0°	696.2	669.8	784.3	1013.4	1231.6	1401.2	1707.4	2225.2	3212.2	5330.5	10539.8
-2.5°	690.7	676.9	785.8	1006.2	1220.1	1404.0	1701.3	2197.0	3146.5	5066.8	10211.6
-5°	698.9	680.5	781.9	986.7	1200.6	1384.2	1658.5	2103.5	2929.0	4352.5	7765.8
-7.5°	717.4	680.7	768.0	950.6	1160.6	1348.7	1589.6	1973.4	2584.5	3583.6	5581.0
-10°	741.7	676.5	737.7	888.0	1093.3	1297.3	1478.0	1794.4	2232.9	2961.1	3899.3
-12.5°	773.2	666.7	691.7	806.6	1002.7	1212.1	1386.1	1627.5	1959.7	2356.2	2952.0
-15°	794.5	684.0	670.1	747.7	896.9	1090.7	1287.4	1439.9	1691.0	1962.5	2237.0
-17.5°	757.4	733.0	658.0	681.6	780.7	952.9	1134.0	1303.8	1442.8	1632.2	1793.4
-20°	715.0	783.9	677.9	655.8	704.8	804.6	965.4	1125.6	1273.0	1382.6	1474.1



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	679.6	739.4	747.8	643.2	654.7	710.5	797.2	936.7	1068.7	1191.3	1282.7
-25°	644.8	691.8	755.4	727.6	643.2	651.9	694.6	759.0	867.7	969.1	1057.7
-27.5°	615.9	654.8	706.1	766.2	729.3	637.2	642.1	658.9	716.0	764.4	837.9
-30°	591.5	622.6	664.9	713.7	760.6	743.8	660.7	631.6	640.1	657.2	690.2
-32.5°	568.7	595.5	626.1	663.6	697.4	734.8	772.6	711.8	649.3	624.9	629.9
-35°	542.6	568.7	594.0	618.3	642.8	670.2	700.4	735.5	766.5	738.3	697.4
-37.5°	508.2	538.0	562.9	582.2	601.4	619.2	643.4	667.2	692.6	726.9	752.0
-40°	452.5	498.9	527.2	551.9	567.7	581.1	597.9	614.4	641.1	671.7	698.7
-42.5°	388.2	434.4	480.4	510.4	533.3	548.3	559.0	569.7	603.6	633.5	657.8
-45°	330.4	370.1	407.4	447.8	483.4	501.9	516.6	537.0	569.3	600.1	625.3
-47.5°	285.2	313.9	346.3	376.7	401.6	429.6	455.0	487.6	519.0	550.5	577.4
-50°	248.3	270.1	295.5	316.8	335.2	353.2	369.4	401.1	436.7	470.6	503.1
-52.5°	219.3	236.9	254.3	267.4	280.2	291.3	302.6	329.4	355.7	380.5	411.5
-55°	195.0	208.7	221.7	228.9	235.7	241.7	252.2	272.9	292.6	311.1	343.0
-57.5°	172.7	184.0	193.4	197.1	200.0	202.1	212.8	229.2	244.5	260.4	291.0
-60°	149.3	161.3	167.7	169.4	170.6	171.0	183.1	197.1	210.0	225.9	254.5
-62.5°	123.8	135.0	140.1	142.4	143.7	144.0	159.2	173.3	186.3	205.7	236.3
-65°	100.0	108.5	112.1	114.1	114.9	118.5	137.2	153.9	169.1	200.3	248.4
-67.5°	81.5	85.1	87.0	88.1	89.3	97.3	119.1	139.2	157.8	197.8	260.9
-70°	64.4	66.2	67.6	68.8	69.7	79.0	99.5	120.9	143.0	165.2	188.7
-72.5°	48.4	49.9	51.1	52.2	52.8	60.6	74.7	90.0	106.3	116.3	123.5
-75°	33.5	35.3	36.5	37.3	37.8	43.1	50.9	59.1	67.6	72.0	75.2
-77.5°	21.0	22.5	23.5	24.2	24.7	28.1	32.6	37.2	42.0	44.5	46.5
-80°	11.8	12.7	13.4	13.9	14.3	15.9	17.8	19.8	22.0	22.7	23.3
-82.5°	6.4	6.7	7.0	7.3	7.6	7.8	8.0	8.2	8.3	8.5	8.6
-85°	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.2	4.3	4.3
-87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2
82.5°	8.7	8.7	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.3	8.2
80°	23.7	24.0	23.1	22.0	23.1	24.0	23.7	23.3	22.7	22.0	19.8
77.5°	48.4	50.1	48.4	46.3	48.4	50.1	48.4	46.5	44.5	42.0	37.2
75°	78.1	80.7	79.2	77.1	79.2	80.7	78.1	75.2	72.0	67.6	59.1
72.5°	130.4	136.8	135.3	132.2	135.3	136.8	130.4	123.5	116.3	106.3	90.0
70°	213.5	238.5	237.5	231.3	237.5	238.5	213.5	188.7	165.2	143.0	120.9
67.5°	329.2	400.2	422.8	434.0	422.8	400.2	329.2	260.9	197.8	157.8	139.2
65°	293.2	336.1	353.1	365.7	353.1	336.1	293.2	248.4	200.3	169.1	153.9
62.5°	263.7	289.1	294.6	295.2	294.6	289.1	263.7	236.3	205.7	186.3	173.3
60°	282.2	309.3	313.3	308.4	313.3	309.3	282.2	254.5	225.9	210.0	197.1
57.5°	320.5	348.8	354.1	348.1	354.1	348.8	320.5	291.0	260.4	244.5	229.2
55°	373.5	402.1	411.6	409.8	411.6	402.1	373.5	343.0	311.1	292.6	272.9
52.5°	441.1	467.5	478.4	478.1	478.4	467.5	441.1	411.5	380.5	355.7	329.4
50°	531.5	555.1	566.8	568.4	566.8	555.1	531.5	503.1	470.6	436.7	401.1
47.5°	596.6	612.1	620.2	621.3	620.2	612.1	596.6	577.4	550.5	519.0	487.6
45°	636.5	644.9	651.2	656.5	651.2	644.9	636.5	625.3	600.1	569.3	537.0
42.5°	674.1	691.5	704.3	707.2	704.3	691.5	674.1	657.8	633.5	603.6	569.7
40°	724.4	748.4	771.3	795.3	771.3	748.4	724.4	698.7	671.7	641.1	614.4
37.5°	778.2	804.8	827.0	839.4	827.0	804.8	778.2	752.0	726.9	692.6	667.2
35°	668.7	651.2	640.8	636.7	640.8	651.2	668.7	697.4	738.3	766.5	735.5
32.5°	632.9	634.1	632.1	627.9	632.1	634.1	632.9	629.9	624.9	649.3	711.8
30°	714.6	726.3	727.7	727.0	727.7	726.3	714.6	690.2	657.2	640.1	631.6
27.5°	892.2	922.0	931.1	949.6	931.1	922.0	892.2	837.9	764.4	716.0	658.9
25°	1126.3	1171.2	1192.8	1200.7	1192.8	1171.2	1126.3	1057.7	969.1	867.7	759.0
22.5°	1334.4	1368.6	1388.7	1405.6	1388.7	1368.6	1334.4	1282.7	1191.3	1068.7	936.7
20°	1580.9	1643.5	1672.2	1674.4	1672.2	1643.5	1580.9	1474.1	1382.6	1273.0	1125.6
17.5°	1965.8	2087.7	2148.6	2165.7	2148.6	2087.7	1965.8	1793.4	1632.2	1442.8	1303.8
15°	2573.1	2884.1	3044.1	3119.7	3044.1	2884.1	2573.1	2237.0	1962.5	1691.0	1439.9
12.5°	3563.8	4264.9	4831.8	5045.2	4831.8	4264.9	3563.8	2952.0	2356.2	1959.7	1627.5
10°	5526.5	7620.3	10066.3	11207.4	10066.3	7620.3	5526.5	3899.3	2961.1	2232.9	1794.4
7.5°	10691.7	24824.1	48113.3	59222.8	48113.3	24824.1	10691.7	5581.0	3583.6	2584.5	1973.4
5°	22789.6	98352.8	176137.6	206888.6	176137.6	98352.8	22789.6	7765.8	4352.5	2929.0	2103.5
2.5°	36298.9	161311.4	304368.7	355896.1	304368.7	161311.4	36298.9	10211.6	5066.8	3146.5	2197.0
0°	43370.0	169992.5	335864.1	387277.7	335864.1	169992.5	43370.0	10539.8	5330.5	3212.2	2225.2
-2.5°	36298.9	161311.4	304368.7	355896.1	304368.7	161311.4	36298.9	10211.6	5066.8	3146.5	2197.0
-5°	22789.6	98352.8	176137.6	206888.6	176137.6	98352.8	22789.6	7765.8	4352.5	2929.0	2103.5
-7.5°	10691.7	24824.1	48113.3	59222.8	48113.3	24824.1	10691.7	5581.0	3583.6	2584.5	1973.4
-10°	5526.5	7620.3	10066.3	11207.4	10066.3	7620.3	5526.5	3899.3	2961.1	2232.9	1794.4
-12.5°	3563.8	4264.9	4831.8	5045.2	4831.8	4264.9	3563.8	2952.0	2356.2	1959.7	1627.5
-15°	2573.1	2884.1	3044.1	3119.7	3044.1	2884.1	2573.1	2237.0	1962.5	1691.0	1439.9
-17.5°	1965.8	2087.7	2148.6	2165.7	2148.6	2087.7	1965.8	1793.4	1632.2	1442.8	1303.8
-20°	1580.9	1643.5	1672.2	1674.4	1672.2	1643.5	1580.9	1474.1	1382.6	1273.0	1125.6



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	1334.4	1368.6	1388.7	1405.6	1388.7	1368.6	1334.4	1282.7	1191.3	1068.7	936.7
-25°	1126.3	1171.2	1192.8	1200.7	1192.8	1171.2	1126.3	1057.7	969.1	867.7	759.0
-27.5°	892.2	922.0	931.1	949.6	931.1	922.0	892.2	837.9	764.4	716.0	658.9
-30°	714.6	726.3	727.7	727.0	727.7	726.3	714.6	690.2	657.2	640.1	631.6
-32.5°	632.9	634.1	632.1	627.9	632.1	634.1	632.9	629.9	624.9	649.3	711.8
-35°	668.7	651.2	640.8	636.7	640.8	651.2	668.7	697.4	738.3	766.5	735.5
-37.5°	778.2	804.8	827.0	839.4	827.0	804.8	778.2	752.0	726.9	692.6	667.2
-40°	724.4	748.4	771.3	795.3	771.3	748.4	724.4	698.7	671.7	641.1	614.4
-42.5°	674.1	691.5	704.3	707.2	704.3	691.5	674.1	657.8	633.5	603.6	569.7
-45°	636.5	644.9	651.2	656.5	651.2	644.9	636.5	625.3	600.1	569.3	537.0
-47.5°	596.6	612.1	620.2	621.3	620.2	612.1	596.6	577.4	550.5	519.0	487.6
-50°	531.5	555.1	566.8	568.4	566.8	555.1	531.5	503.1	470.6	436.7	401.1
-52.5°	441.1	467.5	478.4	478.1	478.4	467.5	441.1	411.5	380.5	355.7	329.4
-55°	373.5	402.1	411.6	409.8	411.6	402.1	373.5	343.0	311.1	292.6	272.9
-57.5°	320.5	348.8	354.1	348.1	354.1	348.8	320.5	291.0	260.4	244.5	229.2
-60°	282.2	309.3	313.3	308.4	313.3	309.3	282.2	254.5	225.9	210.0	197.1
-62.5°	263.7	289.1	294.6	295.2	294.6	289.1	263.7	236.3	205.7	186.3	173.3
-65°	293.2	336.1	353.1	365.7	353.1	336.1	293.2	248.4	200.3	169.1	153.9
-67.5°	329.2	400.2	422.8	434.0	422.8	400.2	329.2	260.9	197.8	157.8	139.2
-70°	213.5	238.5	237.5	231.3	237.5	238.5	213.5	188.7	165.2	143.0	120.9
-72.5°	130.4	136.8	135.3	132.2	135.3	136.8	130.4	123.5	116.3	106.3	90.0
-75°	78.1	80.7	79.2	77.1	79.2	80.7	78.1	75.2	72.0	67.6	59.1
-77.5°	48.4	50.1	48.4	46.3	48.4	50.1	48.4	46.5	44.5	42.0	37.2
-80°	23.7	24.0	23.1	22.0	23.1	24.0	23.7	23.3	22.7	22.0	19.8
-82.5°	8.7	8.7	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.3	8.2
-85°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	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



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TSB-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°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
85°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1
82.5°	8.0	7.8	7.6	7.3	7.0	6.7	6.4	6.1	5.7	5.3	4.9
80°	17.8	15.9	14.3	13.9	13.4	12.7	11.8	10.5	9.4	8.5	8.0
77.5°	32.6	28.1	24.7	24.2	23.5	22.5	21.0	18.6	16.8	15.0	13.5
75°	50.9	43.1	37.8	37.3	36.5	35.3	33.5	30.5	27.4	24.1	21.2
72.5°	74.7	60.6	52.8	52.2	51.1	49.9	48.4	45.8	41.9	36.7	31.9
70°	99.5	79.0	69.7	68.8	67.6	66.2	64.4	62.5	60.3	56.7	49.4
67.5°	119.1	97.3	89.3	88.1	87.0	85.1	81.5	78.2	75.5	72.5	65.1
65°	137.2	118.5	114.9	114.1	112.1	108.5	100.0	93.7	89.2	85.3	77.5
62.5°	159.2	144.0	143.7	142.4	140.1	135.0	123.8	113.5	104.3	96.3	89.7
60°	183.1	171.0	170.6	169.4	167.7	161.3	149.3	136.2	122.3	113.2	104.3
57.5°	212.8	202.1	200.0	197.1	193.4	184.0	172.7	160.8	146.7	133.9	121.5
55°	252.2	241.7	235.7	228.9	221.7	208.7	195.0	181.4	168.8	157.3	143.1
52.5°	302.6	291.3	280.2	267.4	254.3	236.9	219.3	203.9	189.7	177.1	163.8
50°	369.4	353.2	335.2	316.8	295.5	270.1	248.3	228.6	212.6	197.8	182.8
47.5°	455.0	429.6	401.6	376.7	346.3	313.9	285.2	257.4	239.0	219.2	202.6
45°	516.6	501.9	483.4	447.8	407.4	370.1	330.4	298.5	269.2	245.7	222.4
42.5°	559.0	548.3	533.3	510.4	480.4	434.4	388.2	346.2	308.1	275.5	245.9
40°	597.9	581.1	567.7	551.9	527.2	498.9	452.5	399.8	353.7	311.5	269.7
37.5°	643.4	619.2	601.4	582.2	562.9	538.0	508.2	461.1	402.4	349.1	298.8
35°	700.4	670.2	642.8	618.3	594.0	568.7	542.6	511.3	457.7	390.3	329.9
32.5°	772.6	734.8	697.4	663.6	626.1	595.5	568.7	541.1	505.1	436.9	367.2
30°	660.7	743.8	760.6	713.7	664.9	622.6	591.5	564.0	530.6	483.9	404.8
27.5°	642.1	637.2	729.3	766.2	706.1	654.8	615.9	584.0	554.2	513.2	447.7
25°	694.6	651.9	643.2	727.6	755.4	691.8	644.8	606.6	572.0	537.5	498.5
22.5°	797.2	710.5	654.7	643.2	747.8	739.4	679.6	630.4	592.8	570.8	533.8
20°	965.4	804.6	704.8	655.8	677.9	783.9	715.0	662.7	628.1	601.7	566.5
17.5°	1134.0	952.9	780.7	681.6	658.0	733.0	757.4	701.8	658.9	633.4	599.0
15°	1287.4	1090.7	896.9	747.7	670.1	684.0	794.5	737.9	687.9	662.6	625.6
12.5°	1386.1	1212.1	1002.7	806.6	691.7	666.7	773.2	770.0	718.3	679.8	642.9
10°	1478.0	1297.3	1093.3	888.0	737.7	676.5	741.7	796.5	742.6	693.6	656.7
7.5°	1589.6	1348.7	1160.6	950.6	768.0	680.7	717.4	820.5	764.8	707.6	667.5
5°	1658.5	1384.2	1200.6	986.7	781.9	680.5	698.9	841.9	784.6	721.0	675.7
2.5°	1701.3	1404.0	1220.1	1006.2	785.8	676.9	690.7	861.6	804.0	728.8	677.9
0°	1707.4	1401.2	1231.6	1013.4	784.3	669.8	696.2	879.1	821.8	733.6	678.6
-2.5°	1701.3	1404.0	1220.1	1006.2	785.8	676.9	690.7	861.6	804.0	728.8	677.9
-5°	1658.5	1384.2	1200.6	986.7	781.9	680.5	698.9	841.9	784.6	721.0	675.7
-7.5°	1589.6	1348.7	1160.6	950.6	768.0	680.7	717.4	820.5	764.8	707.6	667.5
-10°	1478.0	1297.3	1093.3	888.0	737.7	676.5	741.7	796.5	742.6	693.6	656.7
-12.5°	1386.1	1212.1	1002.7	806.6	691.7	666.7	773.2	770.0	718.3	679.8	642.9
-15°	1287.4	1090.7	896.9	747.7	670.1	684.0	794.5	737.9	687.9	662.6	625.6
-17.5°	1134.0	952.9	780.7	681.6	658.0	733.0	757.4	701.8	658.9	633.4	599.0
-20°	965.4	804.6	704.8	655.8	677.9	783.9	715.0	662.7	628.1	601.7	566.5



REPORT NUMBER: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	797.2	710.5	654.7	643.2	747.8	739.4	679.6	630.4	592.8	570.8	533.8
-25°	694.6	651.9	643.2	727.6	755.4	691.8	644.8	606.6	572.0	537.5	498.5
-27.5°	642.1	637.2	729.3	766.2	706.1	654.8	615.9	584.0	554.2	513.2	447.7
-30°	660.7	743.8	760.6	713.7	664.9	622.6	591.5	564.0	530.6	483.9	404.8
-32.5°	772.6	734.8	697.4	663.6	626.1	595.5	568.7	541.1	505.1	436.9	367.2
-35°	700.4	670.2	642.8	618.3	594.0	568.7	542.6	511.3	457.7	390.3	329.9
-37.5°	643.4	619.2	601.4	582.2	562.9	538.0	508.2	461.1	402.4	349.1	298.8
-40°	597.9	581.1	567.7	551.9	527.2	498.9	452.5	399.8	353.7	311.5	269.7
-42.5°	559.0	548.3	533.3	510.4	480.4	434.4	388.2	346.2	308.1	275.5	245.9
-45°	516.6	501.9	483.4	447.8	407.4	370.1	330.4	298.5	269.2	245.7	222.4
-47.5°	455.0	429.6	401.6	376.7	346.3	313.9	285.2	257.4	239.0	219.2	202.6
-50°	369.4	353.2	335.2	316.8	295.5	270.1	248.3	228.6	212.6	197.8	182.8
-52.5°	302.6	291.3	280.2	267.4	254.3	236.9	219.3	203.9	189.7	177.1	163.8
-55°	252.2	241.7	235.7	228.9	221.7	208.7	195.0	181.4	168.8	157.3	143.1
-57.5°	212.8	202.1	200.0	197.1	193.4	184.0	172.7	160.8	146.7	133.9	121.5
-60°	183.1	171.0	170.6	169.4	167.7	161.3	149.3	136.2	122.3	113.2	104.3
-62.5°	159.2	144.0	143.7	142.4	140.1	135.0	123.8	113.5	104.3	96.3	89.7
-65°	137.2	118.5	114.9	114.1	112.1	108.5	100.0	93.7	89.2	85.3	77.5
-67.5°	119.1	97.3	89.3	88.1	87.0	85.1	81.5	78.2	75.5	72.5	65.1
-70°	99.5	79.0	69.7	68.8	67.6	66.2	64.4	62.5	60.3	56.7	49.4
-72.5°	74.7	60.6	52.8	52.2	51.1	49.9	48.4	45.8	41.9	36.7	31.9
-75°	50.9	43.1	37.8	37.3	36.5	35.3	33.5	30.5	27.4	24.1	21.2
-77.5°	32.6	28.1	24.7	24.2	23.5	22.5	21.0	18.6	16.8	15.0	13.5
-80°	17.8	15.9	14.3	13.9	13.4	12.7	11.8	10.5	9.4	8.5	8.0
-82.5°	8.0	7.8	7.6	7.3	7.0	6.7	6.4	6.1	5.7	5.3	4.9
-85°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1
-87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
-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: P559169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-TSB-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°	1.5	1.4	1.3	1.3	1.5	1.7	1.8	1.9	1.7	1.5	1.3
85°	3.0	2.8	2.7	2.5	2.9	3.3	3.6	3.7	3.4	3.0	2.6
82.5°	4.5	4.2	4.0	3.8	3.8	3.9	4.1	4.4	4.4	4.4	4.0
80°	7.5	6.9	6.3	5.7	5.0	4.4	4.3	4.4	4.4	4.4	4.4
77.5°	12.3	10.8	9.1	8.2	7.4	6.5	5.7	4.8	4.4	4.4	4.4
75°	18.8	17.2	15.5	13.3	10.8	8.7	7.7	6.7	5.8	4.6	4.4
72.5°	29.1	26.1	22.9	19.2	16.1	13.2	10.6	8.7	7.7	6.5	4.9
70°	42.2	36.2	32.1	27.4	22.3	17.8	14.5	12.0	9.7	8.3	6.7
67.5°	57.4	49.1	42.2	35.6	29.6	24.0	18.7	15.8	13.3	10.3	8.5
65°	68.9	60.4	52.1	44.6	37.2	30.3	24.3	20.2	16.8	13.6	10.3
62.5°	80.9	70.6	61.7	53.3	45.1	37.2	30.0	25.9	20.8	16.9	13.0
60°	94.6	84.2	71.8	62.1	53.0	44.0	36.9	31.7	26.3	20.3	16.0
57.5°	111.0	99.2	85.1	71.8	61.0	51.0	44.1	38.4	31.9	25.0	19.0
55°	128.8	114.9	98.0	82.8	69.5	58.2	52.1	45.5	37.8	30.2	22.3
52.5°	148.9	130.5	111.6	93.8	78.5	66.7	61.1	52.9	44.6	35.4	27.2
50°	167.7	146.9	125.4	105.7	87.2	77.7	70.5	61.7	51.5	40.9	32.5
47.5°	183.4	161.8	139.8	117.5	97.5	89.5	81.5	71.0	58.5	47.2	38.0
45°	199.3	175.3	153.0	130.0	111.5	102.9	93.5	80.6	67.3	54.8	43.7
42.5°	215.1	189.5	164.7	141.8	127.4	116.4	106.2	92.0	76.2	62.6	50.2
40°	235.2	203.9	176.3	155.9	143.0	129.8	118.5	104.0	85.6	71.3	57.3
37.5°	254.7	220.2	189.1	171.1	157.7	143.6	130.5	116.5	97.4	81.1	64.5
35°	280.0	237.4	207.2	187.0	171.2	156.9	142.3	128.5	111.0	91.1	71.8
32.5°	304.3	259.0	228.1	203.2	184.1	169.5	153.9	143.6	125.2	101.2	79.3
30°	336.9	287.7	248.4	218.4	196.8	180.9	168.3	160.7	139.9	111.3	87.0
27.5°	377.2	316.0	269.3	235.4	210.2	192.2	187.7	179.5	154.9	122.3	95.3
25°	418.2	349.5	294.4	252.6	222.7	211.3	206.7	199.7	170.6	134.6	103.6
22.5°	463.5	383.6	318.6	268.8	244.1	229.7	224.8	216.9	187.1	147.0	111.7
20°	507.3	415.8	343.5	295.8	267.1	249.5	241.9	233.8	204.3	159.3	119.6
17.5°	547.3	452.1	378.5	325.2	290.5	268.8	258.4	250.5	221.9	171.4	127.2
15°	573.9	490.8	411.2	352.8	312.9	287.7	274.3	266.7	239.8	183.1	132.7
12.5°	596.5	524.7	440.6	378.5	334.4	306.0	289.7	282.7	257.7	190.8	135.5
10°	615.4	553.9	466.9	402.2	354.8	323.8	304.6	293.9	264.5	194.6	138.1
7.5°	630.9	578.7	490.2	424.1	371.5	332.7	306.9	295.9	268.7	197.5	140.2
5°	641.8	593.2	501.3	429.8	372.8	332.1	306.9	297.6	271.5	199.5	141.8
2.5°	643.4	594.7	504.1	431.7	373.1	330.5	306.7	298.8	273.0	200.4	142.8
0°	643.3	592.6	504.5	431.8	372.3	328.3	306.2	299.6	273.2	200.5	143.2
-2.5°	643.4	594.7	504.1	431.7	373.1	330.5	306.7	298.8	273.0	200.4	142.8
-5°	641.8	593.2	501.3	429.8	372.8	332.1	306.9	297.6	271.5	199.5	141.8
-7.5°	630.9	578.7	490.2	424.1	371.5	332.7	306.9	295.9	268.7	197.5	140.2
-10°	615.4	553.9	466.9	402.2	354.8	323.8	304.6	293.9	264.5	194.6	138.1
-12.5°	596.5	524.7	440.6	378.5	334.4	306.0	289.7	282.7	257.7	190.8	135.5
-15°	573.9	490.8	411.2	352.8	312.9	287.7	274.3	266.7	239.8	183.1	132.7
-17.5°	547.3	452.1	378.5	325.2	290.5	268.8	258.4	250.5	221.9	171.4	127.2
-20°	507.3	415.8	343.5	295.8	267.1	249.5	241.9	233.8	204.3	159.3	119.6



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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°	463.5	383.6	318.6	268.8	244.1	229.7	224.8	216.9	187.1	147.0	111.7
-25°	418.2	349.5	294.4	252.6	222.7	211.3	206.7	199.7	170.6	134.6	103.6
-27.5°	377.2	316.0	269.3	235.4	210.2	192.2	187.7	179.5	154.9	122.3	95.3
-30°	336.9	287.7	248.4	218.4	196.8	180.9	168.3	160.7	139.9	111.3	87.0
-32.5°	304.3	259.0	228.1	203.2	184.1	169.5	153.9	143.6	125.2	101.2	79.3
-35°	280.0	237.4	207.2	187.0	171.2	156.9	142.3	128.5	111.0	91.1	71.8
-37.5°	254.7	220.2	189.1	171.1	157.7	143.6	130.5	116.5	97.4	81.1	64.5
-40°	235.2	203.9	176.3	155.9	143.0	129.8	118.5	104.0	85.6	71.3	57.3
-42.5°	215.1	189.5	164.7	141.8	127.4	116.4	106.2	92.0	76.2	62.6	50.2
-45°	199.3	175.3	153.0	130.0	111.5	102.9	93.5	80.6	67.3	54.8	43.7
-47.5°	183.4	161.8	139.8	117.5	97.5	89.5	81.5	71.0	58.5	47.2	38.0
-50°	167.7	146.9	125.4	105.7	87.2	77.7	70.5	61.7	51.5	40.9	32.5
-52.5°	148.9	130.5	111.6	93.8	78.5	66.7	61.1	52.9	44.6	35.4	27.2
-55°	128.8	114.9	98.0	82.8	69.5	58.2	52.1	45.5	37.8	30.2	22.3
-57.5°	111.0	99.2	85.1	71.8	61.0	51.0	44.1	38.4	31.9	25.0	19.0
-60°	94.6	84.2	71.8	62.1	53.0	44.0	36.9	31.7	26.3	20.3	16.0
-62.5°	80.9	70.6	61.7	53.3	45.1	37.2	30.0	25.9	20.8	16.9	13.0
-65°	68.9	60.4	52.1	44.6	37.2	30.3	24.3	20.2	16.8	13.6	10.3
-67.5°	57.4	49.1	42.2	35.6	29.6	24.0	18.7	15.8	13.3	10.3	8.5
-70°	42.2	36.2	32.1	27.4	22.3	17.8	14.5	12.0	9.7	8.3	6.7
-72.5°	29.1	26.1	22.9	19.2	16.1	13.2	10.6	8.7	7.7	6.5	4.9
-75°	18.8	17.2	15.5	13.3	10.8	8.7	7.7	6.7	5.8	4.6	4.4
-77.5°	12.3	10.8	9.1	8.2	7.4	6.5	5.7	4.8	4.4	4.4	4.4
-80°	7.5	6.9	6.3	5.7	5.0	4.4	4.3	4.4	4.4	4.4	4.4
-82.5°	4.5	4.2	4.0	3.8	3.8	3.9	4.1	4.4	4.4	4.4	4.0
-85°	3.0	2.8	2.7	2.5	2.9	3.3	3.6	3.7	3.4	3.0	2.6
-87.5°	1.5	1.4	1.3	1.3	1.5	1.7	1.8	1.9	1.7	1.5	1.3
-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°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
80°	4.4	3.8	3.0	2.3	1.5	0.8	0.0
77.5°	4.4	4.4	3.8	2.8	1.9	1.0	0.0
75°	4.4	4.4	4.4	3.4	2.3	1.1	0.0
72.5°	4.4	4.4	4.4	4.0	2.6	1.3	0.0
70°	4.6	4.4	4.4	4.4	3.0	1.5	0.0
67.5°	6.3	4.4	4.4	4.4	3.4	1.7	0.0
65°	7.9	5.1	4.4	4.4	3.7	1.9	0.0
62.5°	9.6	6.6	4.4	4.4	4.1	2.0	0.0
60°	11.2	8.0	4.4	4.4	4.4	2.2	0.0
57.5°	14.1	9.5	5.5	4.4	4.4	2.4	0.0
55°	17.1	10.9	6.7	4.4	4.5	2.5	0.0
52.5°	20.2	12.5	7.9	4.4	4.5	2.7	0.0
50°	23.4	15.3	9.0	4.4	4.5	2.8	0.0
47.5°	26.8	18.1	10.1	4.6	4.6	3.0	0.0
45°	31.8	20.9	11.2	5.4	4.7	3.1	0.0
42.5°	36.8	23.7	12.3	6.2	4.7	3.2	0.0
40°	41.9	26.5	13.9	7.0	4.8	3.4	0.0
37.5°	47.0	29.3	16.1	7.8	4.9	3.5	0.0
35°	52.2	32.9	18.2	8.4	5.0	3.6	0.0
32.5°	57.6	36.9	20.3	9.0	5.1	3.7	0.0
30°	63.6	40.9	22.3	9.5	5.2	3.8	0.0
27.5°	69.5	44.8	23.6	10.0	5.3	3.9	0.0
25°	75.4	48.6	24.6	10.4	5.4	4.0	0.0
22.5°	81.1	51.6	25.4	10.7	5.5	4.1	0.0
20°	86.7	52.7	26.0	10.9	5.7	4.1	0.0
17.5°	89.6	53.4	26.3	11.1	5.8	4.2	0.0
15°	90.7	53.7	26.5	11.2	5.9	4.2	0.0
12.5°	91.3	53.6	26.5	11.3	6.0	4.3	0.0
10°	91.5	53.2	26.3	11.3	6.2	4.3	0.0
7.5°	91.4	52.5	26.0	11.3	6.3	4.4	0.0
5°	90.7	51.4	25.5	11.2	6.4	4.4	0.0
2.5°	89.6	50.1	24.9	11.1	6.5	4.4	0.0
0°	88.1	48.5	24.2	11.0	6.6	4.4	0.0
-2.5°	89.6	50.1	24.9	11.1	6.5	4.4	0.0
-5°	90.7	51.4	25.5	11.2	6.4	4.4	0.0
-7.5°	91.4	52.5	26.0	11.3	6.3	4.4	0.0
-10°	91.5	53.2	26.3	11.3	6.2	4.3	0.0
-12.5°	91.3	53.6	26.5	11.3	6.0	4.3	0.0
-15°	90.7	53.7	26.5	11.2	5.9	4.2	0.0
-17.5°	89.6	53.4	26.3	11.1	5.8	4.2	0.0
-20°	86.7	52.7	26.0	10.9	5.7	4.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	81.1	51.6	25.4	10.7	5.5	4.1	0.0
-25°	75.4	48.6	24.6	10.4	5.4	4.0	0.0
-27.5°	69.5	44.8	23.6	10.0	5.3	3.9	0.0
-30°	63.6	40.9	22.3	9.5	5.2	3.8	0.0
-32.5°	57.6	36.9	20.3	9.0	5.1	3.7	0.0
-35°	52.2	32.9	18.2	8.4	5.0	3.6	0.0
-37.5°	47.0	29.3	16.1	7.8	4.9	3.5	0.0
-40°	41.9	26.5	13.9	7.0	4.8	3.4	0.0
-42.5°	36.8	23.7	12.3	6.2	4.7	3.2	0.0
-45°	31.8	20.9	11.2	5.4	4.7	3.1	0.0
-47.5°	26.8	18.1	10.1	4.6	4.6	3.0	0.0
-50°	23.4	15.3	9.0	4.4	4.5	2.8	0.0
-52.5°	20.2	12.5	7.9	4.4	4.5	2.7	0.0
-55°	17.1	10.9	6.7	4.4	4.5	2.5	0.0
-57.5°	14.1	9.5	5.5	4.4	4.4	2.4	0.0
-60°	11.2	8.0	4.4	4.4	4.4	2.2	0.0
-62.5°	9.6	6.6	4.4	4.4	4.1	2.0	0.0
-65°	7.9	5.1	4.4	4.4	3.7	1.9	0.0
-67.5°	6.3	4.4	4.4	4.4	3.4	1.7	0.0
-70°	4.6	4.4	4.4	4.4	3.0	1.5	0.0
-72.5°	4.4	4.4	4.4	4.0	2.6	1.3	0.0
-75°	4.4	4.4	4.4	3.4	2.3	1.1	0.0
-77.5°	4.4	4.4	3.8	2.8	1.9	1.0	0.0
-80°	4.4	3.8	3.0	2.3	1.5	0.8	0.0
-82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-87.5°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)