

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: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-935-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

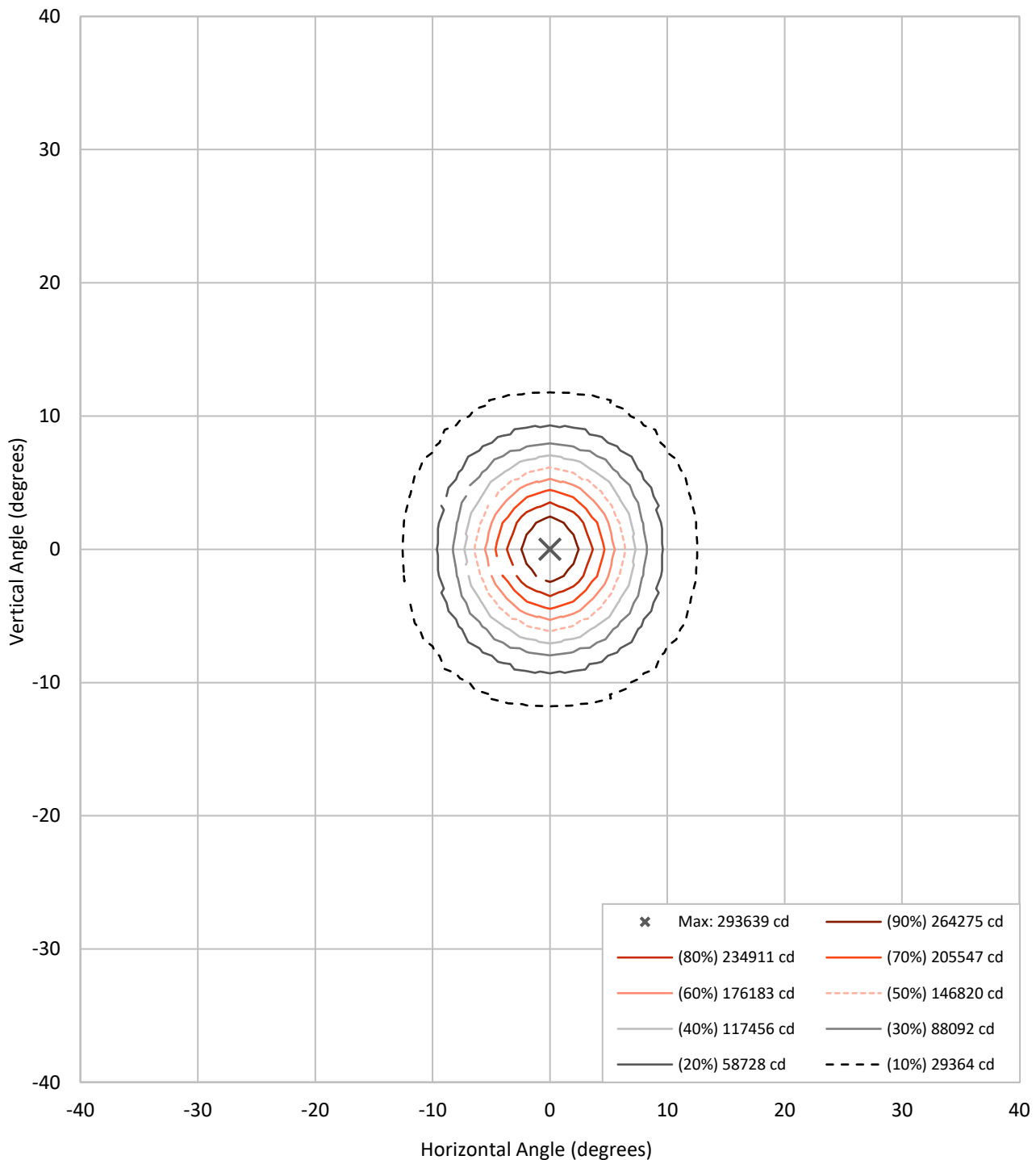
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21284.9 lumens	Max Intensity:	293639 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6725.7 lumens	Field Lumens:	14899.7 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 185
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





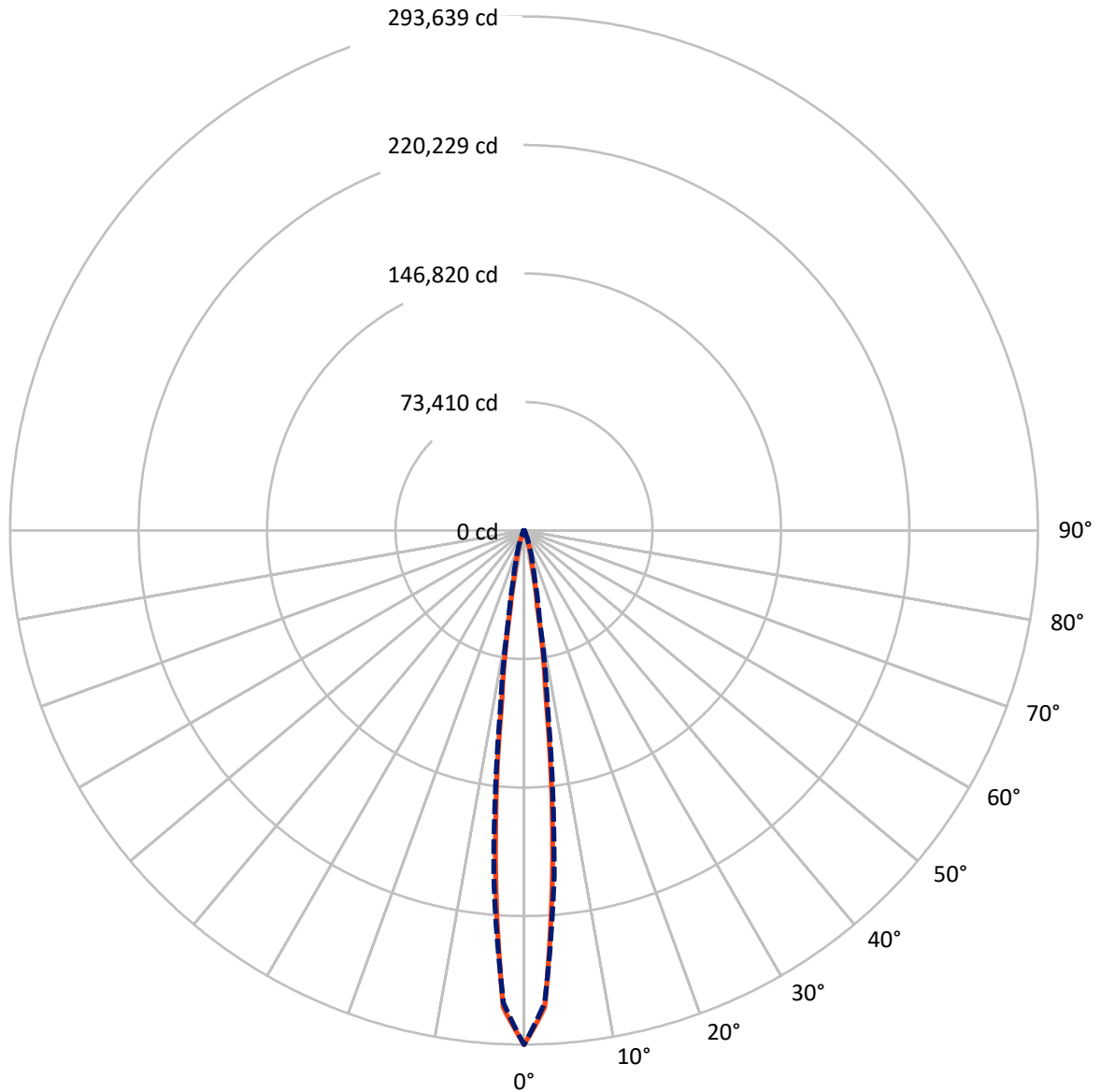
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Lumen Table

90	0.3		2.5		6.8		11.0		12.7		11.0		6.8		2.5		0.3		
80	0.3		2.5		6.8		11.0		12.7		11.0		6.8		2.5		0.3		
70	1.1	1.3	2.8	4.6	6.2	7.7	8.7	9.3	9.3	8.7	7.7	6.2	4.6	2.8	1.3	1.1			
60		2.0	4.1	6.2	8.1	9.5	10.4	10.8	10.8	10.4	9.5	8.1	6.2	4.1	2.0				
50	2.1	2.7	5.1	7.2	9.0	10.6	11.9	12.4	12.4	11.9	10.6	9.0	7.2	5.1	2.7	2.1			
40		3.2	5.7	7.9	10.1	13.0	16.3	18.3	18.3	16.3	13.0	10.1	7.9	5.7	3.2				
30	2.8	3.5	6.0	8.4	11.8	18.4	40.8	74.3	74.3	40.8	18.4	11.8	8.4	6.0	3.5	2.8			
20		3.7	6.2	8.8	14.0	39.5	223.2	491.0	491.0	223.2	39.5	14.0	8.8	6.2	3.7				
10	3.0	3.8	6.2	9.1	15.6	75.8	535.8	3466.0	3466.0	535.8	75.8	15.6	9.1	6.2	3.8	3.0			
0		3.8	6.2	9.1	15.6	75.8	535.8	3466.0	3466.0	535.8	75.8	15.6	9.1	6.2	3.8				
-10	2.8	3.7	6.2	8.8	14.0	39.5	223.2	491.0	491.0	223.2	39.5	14.0	8.8	6.2	3.7	2.8			
-20		3.5	6.0	8.4	11.8	18.4	40.8	74.3	74.3	40.8	18.4	11.8	8.4	6.0	3.5				
-30	2.1	3.2	5.7	7.9	10.1	13.0	16.3	18.3	18.3	16.3	13.0	10.1	7.9	5.7	3.2	2.1			
-40		2.7	5.1	7.2	9.0	10.6	11.9	12.4	12.4	11.9	10.6	9.0	7.2	5.1	2.7				
-50	1.1	2.0	4.1	6.2	8.1	9.5	10.4	10.8	10.8	10.4	9.5	8.1	6.2	4.1	2.0	1.1			
-60		1.3	2.8	4.6	6.2	7.7	8.7	9.3	9.3	8.7	7.7	6.2	4.6	2.8	1.3				
-70	0.3		2.5		6.8		11.0		12.7		11.0		6.8		2.5		0.3		
-80	0.3		2.5		6.8		11.0		12.7		11.0		6.8		2.5		0.3		
-90	0.3		2.5		6.8		11.0		12.7		11.0		6.8		2.5		0.3		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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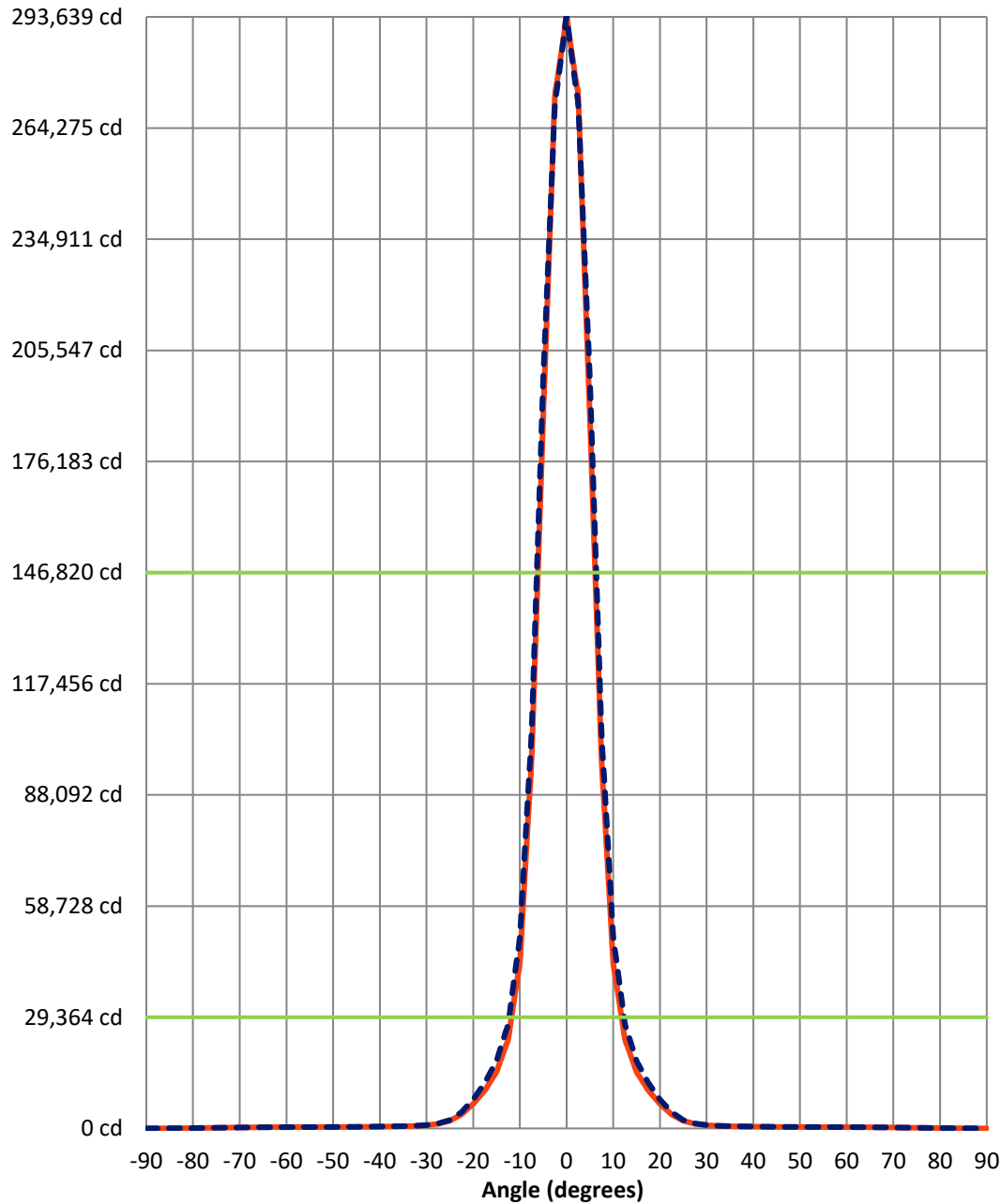
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 6725.7
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 14899.7
 Efficiency: 70.0%

Spill:
 Lumens: 6385.2
 Efficiency: 30.0%

- 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	0.7	1.4	2.0	2.6	3.1	3.6	4.1	4.7	5.3	5.8
85°	0.0	1.4	2.8	4.0	5.1	6.2	7.1	8.3	9.4	10.6	11.7
82.5°	0.0	2.1	4.1	6.0	7.7	9.3	10.7	12.4	14.3	16.9	19.6
80°	0.0	2.7	5.5	8.0	10.2	12.4	14.4	17.8	21.3	24.9	28.7
77.5°	0.0	3.4	6.8	9.9	12.8	15.8	19.5	23.8	28.3	32.9	37.9
75°	0.0	4.1	8.2	11.9	15.5	20.0	24.5	29.7	35.3	41.6	47.7
72.5°	0.0	4.7	9.5	13.8	18.8	24.2	29.5	35.9	43.4	50.6	57.4
70°	0.0	5.4	10.8	15.9	22.1	28.3	34.6	43.1	51.5	59.6	70.7
67.5°	0.0	6.0	12.1	18.3	25.3	32.3	40.8	50.2	59.6	71.8	84.5
65°	0.0	6.7	13.3	20.7	28.5	36.8	46.9	57.3	70.0	83.8	98.4
62.5°	0.0	7.3	14.6	23.0	31.6	41.7	52.8	65.4	80.1	95.6	112.7
60°	0.0	7.9	15.8	25.3	34.7	46.5	58.6	73.9	89.9	108.3	126.7
57.5°	0.0	8.5	17.3	27.6	38.4	51.1	65.5	82.0	100.6	120.6	140.9
55°	0.0	9.1	18.7	29.8	41.9	55.6	72.4	90.0	111.3	132.8	155.0
52.5°	0.0	9.6	20.1	31.9	45.4	60.2	79.1	99.1	121.7	145.1	168.7
50°	0.0	10.2	21.4	34.0	48.7	65.6	85.5	108.0	131.9	157.0	182.2
47.5°	0.0	10.7	22.7	36.1	51.9	70.8	91.9	116.5	142.1	168.5	195.5
45°	0.0	11.2	24.0	38.3	55.0	75.8	98.9	124.7	152.0	180.1	208.3
42.5°	0.0	11.6	25.2	40.5	57.9	80.6	105.6	132.8	161.5	191.2	219.3
40°	0.0	12.1	26.3	42.6	61.1	85.1	111.9	140.7	170.8	201.9	229.6
37.5°	0.0	12.5	27.4	44.5	64.6	89.5	117.9	148.3	179.7	211.6	239.4
35°	0.0	12.9	28.4	46.3	67.9	94.0	123.5	155.4	188.1	219.8	248.3
32.5°	0.0	13.3	29.4	47.9	70.9	98.3	128.9	162.1	196.0	227.5	255.9
30°	0.0	13.7	30.3	49.4	73.8	102.4	134.2	168.4	203.3	234.6	263.0
27.5°	0.0	14.0	31.1	50.8	76.4	106.2	139.1	174.3	209.7	241.2	269.5
25°	0.0	14.3	31.9	52.1	78.8	109.6	143.7	179.6	215.0	246.8	275.5
22.5°	0.0	14.6	32.6	53.2	81.1	112.8	147.8	184.5	219.8	251.7	280.0
20°	0.0	14.8	33.2	54.2	83.1	115.6	151.5	188.8	224.2	256.0	284.1
17.5°	0.0	15.1	33.8	55.1	84.8	118.1	154.9	192.6	228.0	259.8	287.7
15°	0.0	15.3	34.2	55.8	86.4	120.3	157.8	195.8	231.3	263.1	291.0
12.5°	0.0	15.4	34.7	56.4	87.8	122.2	160.3	198.5	234.0	265.8	293.7
10°	0.0	15.6	35.0	56.8	88.9	123.8	162.4	200.6	236.1	267.9	295.9
7.5°	0.0	15.7	35.3	57.1	89.8	125.0	164.0	202.2	237.7	269.5	297.4
5°	0.0	15.7	35.4	57.3	90.4	125.8	165.2	203.2	238.8	270.5	298.3
2.5°	0.0	15.8	35.6	57.4	90.8	126.3	165.9	203.7	239.3	270.9	298.7
0°	0.0	15.8	35.6	57.4	90.8	126.3	165.9	203.7	239.3	270.9	298.7
-2.5°	0.0	15.8	35.6	57.4	90.8	126.3	165.9	203.7	239.3	270.9	298.7
-5°	0.0	15.7	35.4	57.3	90.4	125.8	165.2	203.2	238.8	270.5	298.3
-7.5°	0.0	15.7	35.3	57.1	89.8	125.0	164.0	202.2	237.7	269.5	297.4
-10°	0.0	15.6	35.0	56.8	88.9	123.8	162.4	200.6	236.1	267.9	295.9
-12.5°	0.0	15.4	34.7	56.4	87.8	122.2	160.3	198.5	234.0	265.8	293.7
-15°	0.0	15.3	34.2	55.8	86.4	120.3	157.8	195.8	231.3	263.1	291.0
-17.5°	0.0	15.1	33.8	55.1	84.8	118.1	154.9	192.6	228.0	259.8	287.7
-20°	0.0	14.8	33.2	54.2	83.1	115.6	151.5	188.8	224.2	256.0	284.1



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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	14.6	32.6	53.2	81.1	112.8	147.8	184.5	219.8	251.7	280.0
-25°	0.0	14.3	31.9	52.1	78.8	109.6	143.7	179.6	215.0	246.8	275.5
-27.5°	0.0	14.0	31.1	50.8	76.4	106.2	139.1	174.3	209.7	241.2	269.5
-30°	0.0	13.7	30.3	49.4	73.8	102.4	134.2	168.4	203.3	234.6	263.0
-32.5°	0.0	13.3	29.4	47.9	70.9	98.3	128.9	162.1	196.0	227.5	255.9
-35°	0.0	12.9	28.4	46.3	67.9	94.0	123.5	155.4	188.1	219.8	248.3
-37.5°	0.0	12.5	27.4	44.5	64.6	89.5	117.9	148.3	179.7	211.6	239.4
-40°	0.0	12.1	26.3	42.6	61.1	85.1	111.9	140.7	170.8	201.9	229.6
-42.5°	0.0	11.6	25.2	40.5	57.9	80.6	105.6	132.8	161.5	191.2	219.3
-45°	0.0	11.2	24.0	38.3	55.0	75.8	98.9	124.7	152.0	180.1	208.3
-47.5°	0.0	10.7	22.7	36.1	51.9	70.8	91.9	116.5	142.1	168.5	195.5
-50°	0.0	10.2	21.4	34.0	48.7	65.6	85.5	108.0	131.9	157.0	182.2
-52.5°	0.0	9.6	20.1	31.9	45.4	60.2	79.1	99.1	121.7	145.1	168.7
-55°	0.0	9.1	18.7	29.8	41.9	55.6	72.4	90.0	111.3	132.8	155.0
-57.5°	0.0	8.5	17.3	27.6	38.4	51.1	65.5	82.0	100.6	120.6	140.9
-60°	0.0	7.9	15.8	25.3	34.7	46.5	58.6	73.9	89.9	108.3	126.7
-62.5°	0.0	7.3	14.6	23.0	31.6	41.7	52.8	65.4	80.1	95.6	112.7
-65°	0.0	6.7	13.3	20.7	28.5	36.8	46.9	57.3	70.0	83.8	98.4
-67.5°	0.0	6.0	12.1	18.3	25.3	32.3	40.8	50.2	59.6	71.8	84.5
-70°	0.0	5.4	10.8	15.9	22.1	28.3	34.6	43.1	51.5	59.6	70.7
-72.5°	0.0	4.7	9.5	13.8	18.8	24.2	29.5	35.9	43.4	50.6	57.4
-75°	0.0	4.1	8.2	11.9	15.5	20.0	24.5	29.7	35.3	41.6	47.7
-77.5°	0.0	3.4	6.8	9.9	12.8	15.8	19.5	23.8	28.3	32.9	37.9
-80°	0.0	2.7	5.5	8.0	10.2	12.4	14.4	17.8	21.3	24.9	28.7
-82.5°	0.0	2.1	4.1	6.0	7.7	9.3	10.7	12.4	14.3	16.9	19.6
-85°	0.0	1.4	2.8	4.0	5.1	6.2	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.7	1.4	2.0	2.6	3.1	3.6	4.1	4.7	5.3	5.8
-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):

	-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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	15.2	16.4	17.6	18.6	19.5	20.4	21.5	22.7	23.9
82.5°	21.8	23.7	25.3	26.6	28.1	29.4	30.9	33.2	36.2	39.1	41.7
80°	31.4	33.6	36.7	40.2	43.9	47.4	50.8	54.1	57.6	61.5	65.5
77.5°	42.1	46.6	51.5	56.8	62.0	67.9	73.8	79.9	85.4	90.2	94.5
75°	53.3	59.5	67.7	75.9	83.7	91.4	99.2	106.9	113.5	119.7	125.9
72.5°	66.4	76.4	86.2	95.7	105.7	115.4	124.5	133.0	141.5	150.0	158.0
70°	82.1	93.4	105.2	117.1	128.8	139.5	150.1	160.8	171.4	180.8	189.3
67.5°	97.7	111.2	124.8	138.3	151.1	163.3	175.8	188.1	199.8	209.8	218.7
65°	113.8	128.9	144.0	158.7	172.6	186.9	201.0	214.5	225.6	234.8	243.8
62.5°	129.5	146.5	163.1	179.0	194.8	210.4	224.0	236.2	247.7	257.7	267.2
60°	145.6	164.1	182.0	199.6	216.2	230.6	244.4	256.6	268.1	279.1	287.2
57.5°	161.4	181.4	200.8	218.8	234.7	249.6	262.9	275.8	285.7	294.5	303.4
55°	176.9	198.4	218.3	236.1	252.3	266.5	280.0	290.7	300.6	308.9	317.5
52.5°	192.2	214.6	234.3	252.3	267.9	281.9	293.8	304.4	313.6	322.1	329.2
50°	207.1	229.0	249.5	266.5	282.1	295.2	306.3	316.5	325.5	333.3	339.8
47.5°	220.3	243.0	262.4	279.8	294.5	306.9	317.7	327.5	336.4	343.3	349.6
45°	232.7	255.1	274.8	291.3	305.7	317.4	327.8	337.9	345.4	352.2	357.1
42.5°	244.6	266.2	285.4	302.5	315.1	326.6	337.1	345.9	353.6	359.5	364.8
40°	254.7	277.0	295.3	310.8	323.9	334.7	344.5	353.3	360.8	366.6	372.3
37.5°	264.2	285.7	304.2	318.8	330.9	341.7	351.4	359.6	366.9	373.1	380.9
35°	273.3	294.0	311.2	325.4	337.2	347.9	357.1	365.4	372.7	381.3	390.2
32.5°	281.1	301.8	317.8	330.8	342.5	353.3	362.5	370.9	379.4	389.1	400.1
30°	287.6	307.6	323.5	335.6	347.3	357.5	367.4	376.6	385.9	397.4	411.8
27.5°	293.6	312.9	327.7	339.9	351.6	361.2	371.5	381.9	392.8	406.2	424.4
25°	299.2	317.8	331.3	343.7	354.6	364.6	375.3	386.0	399.6	417.2	441.0
22.5°	303.8	322.3	334.5	347.1	357.2	367.7	378.7	390.6	405.9	427.4	458.5
20°	307.4	325.0	337.3	349.7	359.3	370.4	381.6	394.6	412.9	440.9	477.0
17.5°	310.7	327.2	339.6	351.3	361.3	372.7	384.3	397.8	418.7	453.5	493.9
15°	313.6	329.2	341.4	352.5	363.1	374.5	386.7	402.1	426.5	465.7	509.2
12.5°	316.2	330.7	342.8	353.5	364.5	375.8	388.6	405.8	434.7	477.1	524.4
10°	318.3	331.8	343.8	354.2	365.6	376.5	390.2	408.2	440.5	483.5	533.5
7.5°	319.5	332.7	344.4	354.5	366.2	376.7	391.3	409.5	444.1	486.9	538.3
5°	320.3	333.5	345.2	355.2	366.9	377.2	392.3	409.7	445.6	487.5	540.2
2.5°	320.5	333.9	345.7	355.6	367.5	378.5	394.2	411.8	447.0	489.9	541.4
0°	320.2	334.1	345.9	355.8	367.7	379.5	395.4	413.2	446.8	492.2	541.6
-2.5°	320.5	333.9	345.7	355.6	367.5	378.5	394.2	411.8	447.0	489.9	541.4
-5°	320.3	333.5	345.2	355.2	366.9	377.2	392.3	409.7	445.6	487.5	540.2
-7.5°	319.5	332.7	344.4	354.5	366.2	376.7	391.3	409.5	444.1	486.9	538.3
-10°	318.3	331.8	343.8	354.2	365.6	376.5	390.2	408.2	440.5	483.5	533.5
-12.5°	316.2	330.7	342.8	353.5	364.5	375.8	388.6	405.8	434.7	477.1	524.4
-15°	313.6	329.2	341.4	352.5	363.1	374.5	386.7	402.1	426.5	465.7	509.2
-17.5°	310.7	327.2	339.6	351.3	361.3	372.7	384.3	397.8	418.7	453.5	493.9
-20°	307.4	325.0	337.3	349.7	359.3	370.4	381.6	394.6	412.9	440.9	477.0



REPORT NUMBER: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	303.8	322.3	334.5	347.1	357.2	367.7	378.7	390.6	405.9	427.4	458.5
-25°	299.2	317.8	331.3	343.7	354.6	364.6	375.3	386.0	399.6	417.2	441.0
-27.5°	293.6	312.9	327.7	339.9	351.6	361.2	371.5	381.9	392.8	406.2	424.4
-30°	287.6	307.6	323.5	335.6	347.3	357.5	367.4	376.6	385.9	397.4	411.8
-32.5°	281.1	301.8	317.8	330.8	342.5	353.3	362.5	370.9	379.4	389.1	400.1
-35°	273.3	294.0	311.2	325.4	337.2	347.9	357.1	365.4	372.7	381.3	390.2
-37.5°	264.2	285.7	304.2	318.8	330.9	341.7	351.4	359.6	366.9	373.1	380.9
-40°	254.7	277.0	295.3	310.8	323.9	334.7	344.5	353.3	360.8	366.6	372.3
-42.5°	244.6	266.2	285.4	302.5	315.1	326.6	337.1	345.9	353.6	359.5	364.8
-45°	232.7	255.1	274.8	291.3	305.7	317.4	327.8	337.9	345.4	352.2	357.1
-47.5°	220.3	243.0	262.4	279.8	294.5	306.9	317.7	327.5	336.4	343.3	349.6
-50°	207.1	229.0	249.5	266.5	282.1	295.2	306.3	316.5	325.5	333.3	339.8
-52.5°	192.2	214.6	234.3	252.3	267.9	281.9	293.8	304.4	313.6	322.1	329.2
-55°	176.9	198.4	218.3	236.1	252.3	266.5	280.0	290.7	300.6	308.9	317.5
-57.5°	161.4	181.4	200.8	218.8	234.7	249.6	262.9	275.8	285.7	294.5	303.4
-60°	145.6	164.1	182.0	199.6	216.2	230.6	244.4	256.6	268.1	279.1	287.2
-62.5°	129.5	146.5	163.1	179.0	194.8	210.4	224.0	236.2	247.7	257.7	267.2
-65°	113.8	128.9	144.0	158.7	172.6	186.9	201.0	214.5	225.6	234.8	243.8
-67.5°	97.7	111.2	124.8	138.3	151.1	163.3	175.8	188.1	199.8	209.8	218.7
-70°	82.1	93.4	105.2	117.1	128.8	139.5	150.1	160.8	171.4	180.8	189.3
-72.5°	66.4	76.4	86.2	95.7	105.7	115.4	124.5	133.0	141.5	150.0	158.0
-75°	53.3	59.5	67.7	75.9	83.7	91.4	99.2	106.9	113.5	119.7	125.9
-77.5°	42.1	46.6	51.5	56.8	62.0	67.9	73.8	79.9	85.4	90.2	94.5
-80°	31.4	33.6	36.7	40.2	43.9	47.4	50.8	54.1	57.6	61.5	65.5
-82.5°	21.8	23.7	25.3	26.6	28.1	29.4	30.9	33.2	36.2	39.1	41.7
-85°	12.7	13.8	15.2	16.4	17.6	18.6	19.5	20.4	21.5	22.7	23.9
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-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°	11.3	11.2	11.1	11.0	10.8	11.0	11.2	11.3	11.5	11.6	11.7
85°	25.1	26.2	27.3	28.4	29.5	30.3	31.0	31.6	32.1	32.6	32.9
82.5°	44.2	46.4	48.5	50.4	52.0	53.4	54.6	55.7	56.7	57.5	58.1
80°	69.0	72.4	75.7	78.7	81.4	83.7	85.5	87.1	88.3	89.7	90.8
77.5°	98.7	103.4	108.0	112.0	115.7	118.7	121.4	123.7	125.6	128.0	130.2
75°	132.1	137.9	143.1	147.9	152.3	156.2	159.7	162.8	165.4	168.0	170.2
72.5°	165.6	172.5	178.6	183.7	188.4	192.9	197.3	201.4	205.2	208.1	210.1
70°	197.2	204.3	210.7	216.6	222.0	227.7	233.4	238.7	243.5	246.6	248.4
67.5°	226.1	233.4	240.7	248.0	254.5	260.3	266.1	271.3	276.0	279.1	281.1
65°	252.3	260.2	268.2	275.6	282.5	287.5	292.7	297.6	302.2	305.9	308.7
62.5°	276.6	284.5	291.2	297.5	303.4	308.4	313.5	318.0	322.0	325.6	328.9
60°	295.3	303.3	309.9	315.7	321.2	326.2	330.2	333.6	336.3	338.5	340.6
57.5°	311.4	319.0	325.6	330.4	335.3	340.1	343.5	345.6	347.3	348.5	349.4
55°	325.1	331.3	336.8	342.1	346.9	351.0	354.0	355.5	356.4	356.9	357.3
52.5°	336.2	342.2	347.9	352.9	356.7	360.1	363.1	364.0	364.4	364.7	364.7
50°	346.4	352.2	356.7	361.0	364.8	367.9	370.5	371.7	372.5	372.6	372.2
47.5°	354.6	359.6	364.6	368.9	372.8	376.4	379.4	381.0	382.3	382.8	382.8
45°	361.7	367.6	372.8	378.0	382.5	387.3	391.4	394.1	396.9	398.7	399.7
42.5°	370.2	376.1	382.0	389.0	395.6	401.7	408.5	414.3	420.5	427.0	431.5
40°	378.9	385.2	394.2	402.7	412.3	421.0	435.1	449.2	459.9	469.1	477.3
37.5°	388.7	398.0	408.8	419.8	435.4	451.5	469.3	486.9	502.1	515.8	527.0
35°	400.1	412.6	425.7	445.3	465.1	485.1	506.4	529.7	549.4	563.8	574.2
32.5°	413.9	429.7	450.8	475.8	500.2	526.0	551.8	577.7	597.2	617.3	637.5
30°	429.3	452.0	479.4	509.8	540.2	571.1	603.4	639.4	673.6	710.4	763.0
27.5°	448.9	476.7	508.8	544.7	581.4	618.2	674.5	736.3	828.0	901.2	1025.5
25°	469.8	502.3	540.7	582.3	627.0	692.9	796.1	918.0	1134.0	1301.6	1555.8
22.5°	493.2	531.4	573.8	621.5	693.8	818.1	994.5	1307.6	1743.3	2173.6	2652.2
20°	516.2	558.5	604.9	677.2	799.9	996.5	1378.6	2055.6	2811.7	3888.2	4791.8
17.5°	538.1	583.0	641.8	739.6	923.3	1318.8	2058.9	3218.5	4797.7	6533.0	7980.1
15°	557.2	603.1	682.4	837.3	1147.5	1763.5	2881.1	4854.6	7508.0	9884.0	12003.1
12.5°	573.5	627.8	726.4	916.1	1342.2	2254.0	4046.8	6849.2	10089.4	13421.5	16103.4
10°	585.2	654.0	785.1	1061.9	1651.6	2837.8	5018.4	8553.4	12454.7	16504.6	21352.7
7.5°	592.4	672.7	829.7	1170.2	1927.6	3487.8	6237.2	10074.9	14555.1	20083.7	27490.9
5°	597.5	685.3	862.7	1251.7	2112.0	3917.5	7006.7	11227.7	16367.3	24361.3	39605.8
2.5°	600.0	690.9	881.5	1296.5	2196.1	4138.5	7548.3	11887.8	17470.0	27378.9	47998.4
0°	599.0	687.9	883.6	1306.7	2208.1	4307.4	7638.3	12076.2	17842.5	27649.4	50689.0
-2.5°	600.0	690.9	881.5	1296.5	2196.1	4138.5	7548.3	11887.8	17470.0	27378.9	47998.4
-5°	597.5	685.3	862.7	1251.7	2112.0	3917.5	7006.7	11227.7	16367.3	24361.3	39605.8
-7.5°	592.4	672.7	829.7	1170.2	1927.6	3487.8	6237.2	10074.9	14555.1	20083.7	27490.9
-10°	585.2	654.0	785.1	1061.9	1651.6	2837.8	5018.4	8553.4	12454.7	16504.6	21352.7
-12.5°	573.5	627.8	726.4	916.1	1342.2	2254.0	4046.8	6849.2	10089.4	13421.5	16103.4
-15°	557.2	603.1	682.4	837.3	1147.5	1763.5	2881.1	4854.6	7508.0	9884.0	12003.1
-17.5°	538.1	583.0	641.8	739.6	923.3	1318.8	2058.9	3218.5	4797.7	6533.0	7980.1
-20°	516.2	558.5	604.9	677.2	799.9	996.5	1378.6	2055.6	2811.7	3888.2	4791.8



REPORT NUMBER: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	493.2	531.4	573.8	621.5	693.8	818.1	994.5	1307.6	1743.3	2173.6	2652.2
-25°	469.8	502.3	540.7	582.3	627.0	692.9	796.1	918.0	1134.0	1301.6	1555.8
-27.5°	448.9	476.7	508.8	544.7	581.4	618.2	674.5	736.3	828.0	901.2	1025.5
-30°	429.3	452.0	479.4	509.8	540.2	571.1	603.4	639.4	673.6	710.4	763.0
-32.5°	413.9	429.7	450.8	475.8	500.2	526.0	551.8	577.7	597.2	617.3	637.5
-35°	400.1	412.6	425.7	445.3	465.1	485.1	506.4	529.7	549.4	563.8	574.2
-37.5°	388.7	398.0	408.8	419.8	435.4	451.5	469.3	486.9	502.1	515.8	527.0
-40°	378.9	385.2	394.2	402.7	412.3	421.0	435.1	449.2	459.9	469.1	477.3
-42.5°	370.2	376.1	382.0	389.0	395.6	401.7	408.5	414.3	420.5	427.0	431.5
-45°	361.7	367.6	372.8	378.0	382.5	387.3	391.4	394.1	396.9	398.7	399.7
-47.5°	354.6	359.6	364.6	368.9	372.8	376.4	379.4	381.0	382.3	382.8	382.8
-50°	346.4	352.2	356.7	361.0	364.8	367.9	370.5	371.7	372.5	372.6	372.2
-52.5°	336.2	342.2	347.9	352.9	356.7	360.1	363.1	364.0	364.4	364.7	364.7
-55°	325.1	331.3	336.8	342.1	346.9	351.0	354.0	355.5	356.4	356.9	357.3
-57.5°	311.4	319.0	325.6	330.4	335.3	340.1	343.5	345.6	347.3	348.5	349.4
-60°	295.3	303.3	309.9	315.7	321.2	326.2	330.2	333.6	336.3	338.5	340.6
-62.5°	276.6	284.5	291.2	297.5	303.4	308.4	313.5	318.0	322.0	325.6	328.9
-65°	252.3	260.2	268.2	275.6	282.5	287.5	292.7	297.6	302.2	305.9	308.7
-67.5°	226.1	233.4	240.7	248.0	254.5	260.3	266.1	271.3	276.0	279.1	281.1
-70°	197.2	204.3	210.7	216.6	222.0	227.7	233.4	238.7	243.5	246.6	248.4
-72.5°	165.6	172.5	178.6	183.7	188.4	192.9	197.3	201.4	205.2	208.1	210.1
-75°	132.1	137.9	143.1	147.9	152.3	156.2	159.7	162.8	165.4	168.0	170.2
-77.5°	98.7	103.4	108.0	112.0	115.7	118.7	121.4	123.7	125.6	128.0	130.2
-80°	69.0	72.4	75.7	78.7	81.4	83.7	85.5	87.1	88.3	89.7	90.8
-82.5°	44.2	46.4	48.5	50.4	52.0	53.4	54.6	55.7	56.7	57.5	58.1
-85°	25.1	26.2	27.3	28.4	29.5	30.3	31.0	31.6	32.1	32.6	32.9
-87.5°	11.3	11.2	11.1	11.0	10.8	11.0	11.2	11.3	11.5	11.6	11.7
-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: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-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°	11.8	11.9	11.9	11.9	11.9	11.9	11.8	11.7	11.6	11.5	11.3
85°	33.2	33.4	33.6	33.6	33.6	33.4	33.2	32.9	32.6	32.1	31.6
82.5°	58.6	59.0	59.2	59.3	59.2	59.0	58.6	58.1	57.5	56.7	55.7
80°	91.7	92.4	92.8	92.9	92.8	92.4	91.7	90.8	89.7	88.3	87.1
77.5°	132.1	133.6	134.2	134.4	134.2	133.6	132.1	130.2	128.0	125.6	123.7
75°	171.9	173.1	173.8	174.0	173.8	173.1	171.9	170.2	168.0	165.4	162.8
72.5°	211.6	212.5	214.2	215.5	214.2	212.5	211.6	210.1	208.1	205.2	201.4
70°	249.5	250.0	251.7	253.0	251.7	250.0	249.5	248.4	246.6	243.5	238.7
67.5°	282.6	283.6	283.5	282.7	283.5	283.6	282.6	281.1	279.1	276.0	271.3
65°	311.1	313.0	313.1	312.3	313.1	313.0	311.1	308.7	305.9	302.2	297.6
62.5°	332.0	334.7	335.8	336.1	335.8	334.7	332.0	328.9	325.6	322.0	318.0
60°	342.2	343.4	343.9	344.0	343.9	343.4	342.2	340.6	338.5	336.3	333.6
57.5°	349.7	349.7	349.8	349.9	349.8	349.7	349.7	349.4	348.5	347.3	345.6
55°	357.5	357.5	356.9	355.8	356.9	357.5	357.5	357.3	356.9	356.4	355.5
52.5°	364.5	363.8	362.9	361.8	362.9	363.8	364.5	364.7	364.7	364.4	364.0
50°	371.4	370.1	369.6	369.7	369.6	370.1	371.4	372.2	372.6	372.5	371.7
47.5°	382.5	381.6	381.3	381.5	381.3	381.6	382.5	382.8	382.8	382.3	381.0
45°	400.0	399.3	398.9	399.3	398.9	399.3	400.0	399.7	398.7	396.9	394.1
42.5°	434.0	434.3	434.1	434.9	434.1	434.3	434.0	431.5	427.0	420.5	414.3
40°	480.6	480.4	478.8	478.4	478.8	480.4	480.6	477.3	469.1	459.9	449.2
37.5°	531.5	531.6	530.0	529.8	530.0	531.6	531.5	527.0	515.8	502.1	486.9
35°	579.6	581.4	581.1	579.2	581.1	581.4	579.6	574.2	563.8	549.4	529.7
32.5°	651.8	662.8	668.6	666.2	668.6	662.8	651.8	637.5	617.3	597.2	577.7
30°	796.1	824.5	839.5	846.1	839.5	824.5	796.1	763.0	710.4	673.6	639.4
27.5°	1114.5	1177.4	1205.6	1215.7	1205.6	1177.4	1114.5	1025.5	901.2	828.0	736.3
25°	1777.9	1919.9	1989.9	2012.4	1989.9	1919.9	1777.9	1555.8	1301.6	1134.0	918.0
22.5°	3179.2	3452.5	3639.4	3680.8	3639.4	3452.5	3179.2	2652.2	2173.6	1743.3	1307.6
20°	5700.2	6228.9	6515.6	6489.8	6515.6	6228.9	5700.2	4791.8	3888.2	2811.7	2055.6
17.5°	9210.2	9888.1	10210.8	10059.9	10210.8	9888.1	9210.2	7980.1	6533.0	4797.7	3218.5
15°	13501.9	14417.6	14817.1	14940.6	14817.1	14417.6	13501.9	12003.1	9884.0	7508.0	4854.6
12.5°	18780.5	21782.6	23218.2	23602.9	23218.2	21782.6	18780.5	16103.4	13421.5	10089.4	6849.2
10°	26311.6	36402.9	42405.3	43871.0	42405.3	36402.9	26311.6	21352.7	16504.6	12454.7	8553.4
7.5°	42969.1	63475.5	86447.4	97325.5	86447.4	63475.5	42969.1	27490.9	20083.7	14555.1	10074.9
5°	65527.7	113728.8	166915.6	187765.9	166915.6	113728.8	65527.7	39605.8	24361.3	16367.3	11227.7
2.5°	92951.7	171721.7	245213.0	272608.9	245213.0	171721.7	92951.7	47998.4	27378.9	17470.0	11887.8
0°	104537.9	197976.0	270171.6	293639.0	270171.6	197976.0	104537.9	50689.0	27649.4	17842.5	12076.2
-2.5°	92951.7	171721.7	245213.0	272608.9	245213.0	171721.7	92951.7	47998.4	27378.9	17470.0	11887.8
-5°	65527.7	113728.8	166915.6	187765.9	166915.6	113728.8	65527.7	39605.8	24361.3	16367.3	11227.7
-7.5°	42969.1	63475.5	86447.4	97325.5	86447.4	63475.5	42969.1	27490.9	20083.7	14555.1	10074.9
-10°	26311.6	36402.9	42405.3	43871.0	42405.3	36402.9	26311.6	21352.7	16504.6	12454.7	8553.4
-12.5°	18780.5	21782.6	23218.2	23602.9	23218.2	21782.6	18780.5	16103.4	13421.5	10089.4	6849.2
-15°	13501.9	14417.6	14817.1	14940.6	14817.1	14417.6	13501.9	12003.1	9884.0	7508.0	4854.6
-17.5°	9210.2	9888.1	10210.8	10059.9	10210.8	9888.1	9210.2	7980.1	6533.0	4797.7	3218.5
-20°	5700.2	6228.9	6515.6	6489.8	6515.6	6228.9	5700.2	4791.8	3888.2	2811.7	2055.6



REPORT NUMBER: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3179.2	3452.5	3639.4	3680.8	3639.4	3452.5	3179.2	2652.2	2173.6	1743.3	1307.6
-25°	1777.9	1919.9	1989.9	2012.4	1989.9	1919.9	1777.9	1555.8	1301.6	1134.0	918.0
-27.5°	1114.5	1177.4	1205.6	1215.7	1205.6	1177.4	1114.5	1025.5	901.2	828.0	736.3
-30°	796.1	824.5	839.5	846.1	839.5	824.5	796.1	763.0	710.4	673.6	639.4
-32.5°	651.8	662.8	668.6	666.2	668.6	662.8	651.8	637.5	617.3	597.2	577.7
-35°	579.6	581.4	581.1	579.2	581.1	581.4	579.6	574.2	563.8	549.4	529.7
-37.5°	531.5	531.6	530.0	529.8	530.0	531.6	531.5	527.0	515.8	502.1	486.9
-40°	480.6	480.4	478.8	478.4	478.8	480.4	480.6	477.3	469.1	459.9	449.2
-42.5°	434.0	434.3	434.1	434.9	434.1	434.3	434.0	431.5	427.0	420.5	414.3
-45°	400.0	399.3	398.9	399.3	398.9	399.3	400.0	399.7	398.7	396.9	394.1
-47.5°	382.5	381.6	381.3	381.5	381.3	381.6	382.5	382.8	382.8	382.3	381.0
-50°	371.4	370.1	369.6	369.7	369.6	370.1	371.4	372.2	372.6	372.5	371.7
-52.5°	364.5	363.8	362.9	361.8	362.9	363.8	364.5	364.7	364.7	364.4	364.0
-55°	357.5	357.5	356.9	355.8	356.9	357.5	357.5	357.3	356.9	356.4	355.5
-57.5°	349.7	349.7	349.8	349.9	349.8	349.7	349.7	349.4	348.5	347.3	345.6
-60°	342.2	343.4	343.9	344.0	343.9	343.4	342.2	340.6	338.5	336.3	333.6
-62.5°	332.0	334.7	335.8	336.1	335.8	334.7	332.0	328.9	325.6	322.0	318.0
-65°	311.1	313.0	313.1	312.3	313.1	313.0	311.1	308.7	305.9	302.2	297.6
-67.5°	282.6	283.6	283.5	282.7	283.5	283.6	282.6	281.1	279.1	276.0	271.3
-70°	249.5	250.0	251.7	253.0	251.7	250.0	249.5	248.4	246.6	243.5	238.7
-72.5°	211.6	212.5	214.2	215.5	214.2	212.5	211.6	210.1	208.1	205.2	201.4
-75°	171.9	173.1	173.8	174.0	173.8	173.1	171.9	170.2	168.0	165.4	162.8
-77.5°	132.1	133.6	134.2	134.4	134.2	133.6	132.1	130.2	128.0	125.6	123.7
-80°	91.7	92.4	92.8	92.9	92.8	92.4	91.7	90.8	89.7	88.3	87.1
-82.5°	58.6	59.0	59.2	59.3	59.2	59.0	58.6	58.1	57.5	56.7	55.7
-85°	33.2	33.4	33.6	33.6	33.6	33.4	33.2	32.9	32.6	32.1	31.6
-87.5°	11.8	11.9	11.9	11.9	11.9	11.9	11.8	11.7	11.6	11.5	11.3
-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: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-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°	11.2	11.0	10.8	11.0	11.1	11.2	11.3	10.9	10.6	10.2	9.8
85°	31.0	30.3	29.5	28.4	27.3	26.2	25.1	23.9	22.7	21.5	20.4
82.5°	54.6	53.4	52.0	50.4	48.5	46.4	44.2	41.7	39.1	36.2	33.2
80°	85.5	83.7	81.4	78.7	75.7	72.4	69.0	65.5	61.5	57.6	54.1
77.5°	121.4	118.7	115.7	112.0	108.0	103.4	98.7	94.5	90.2	85.4	79.9
75°	159.7	156.2	152.3	147.9	143.1	137.9	132.1	125.9	119.7	113.5	106.9
72.5°	197.3	192.9	188.4	183.7	178.6	172.5	165.6	158.0	150.0	141.5	133.0
70°	233.4	227.7	222.0	216.6	210.7	204.3	197.2	189.3	180.8	171.4	160.8
67.5°	266.1	260.3	254.5	248.0	240.7	233.4	226.1	218.7	209.8	199.8	188.1
65°	292.7	287.5	282.5	275.6	268.2	260.2	252.3	243.8	234.8	225.6	214.5
62.5°	313.5	308.4	303.4	297.5	291.2	284.5	276.6	267.2	257.7	247.7	236.2
60°	330.2	326.2	321.2	315.7	309.9	303.3	295.3	287.2	279.1	268.1	256.6
57.5°	343.5	340.1	335.3	330.4	325.6	319.0	311.4	303.4	294.5	285.7	275.8
55°	354.0	351.0	346.9	342.1	336.8	331.3	325.1	317.5	308.9	300.6	290.7
52.5°	363.1	360.1	356.7	352.9	347.9	342.2	336.2	329.2	322.1	313.6	304.4
50°	370.5	367.9	364.8	361.0	356.7	352.2	346.4	339.8	333.3	325.5	316.5
47.5°	379.4	376.4	372.8	368.9	364.6	359.6	354.6	349.6	343.3	336.4	327.5
45°	391.4	387.3	382.5	378.0	372.8	367.6	361.7	357.1	352.2	345.4	337.9
42.5°	408.5	401.7	395.6	389.0	382.0	376.1	370.2	364.8	359.5	353.6	345.9
40°	435.1	421.0	412.3	402.7	394.2	385.2	378.9	372.3	366.6	360.8	353.3
37.5°	469.3	451.5	435.4	419.8	408.8	398.0	388.7	380.9	373.1	366.9	359.6
35°	506.4	485.1	465.1	445.3	425.7	412.6	400.1	390.2	381.3	372.7	365.4
32.5°	551.8	526.0	500.2	475.8	450.8	429.7	413.9	400.1	389.1	379.4	370.9
30°	603.4	571.1	540.2	509.8	479.4	452.0	429.3	411.8	397.4	385.9	376.6
27.5°	674.5	618.2	581.4	544.7	508.8	476.7	448.9	424.4	406.2	392.8	381.9
25°	796.1	692.9	627.0	582.3	540.7	502.3	469.8	441.0	417.2	399.6	386.0
22.5°	994.5	818.1	693.8	621.5	573.8	531.4	493.2	458.5	427.4	405.9	390.6
20°	1378.6	996.5	799.9	677.2	604.9	558.5	516.2	477.0	440.9	412.9	394.6
17.5°	2058.9	1318.8	923.3	739.6	641.8	583.0	538.1	493.9	453.5	418.7	397.8
15°	2881.1	1763.5	1147.5	837.3	682.4	603.1	557.2	509.2	465.7	426.5	402.1
12.5°	4046.8	2254.0	1342.2	916.1	726.4	627.8	573.5	524.4	477.1	434.7	405.8
10°	5018.4	2837.8	1651.6	1061.9	785.1	654.0	585.2	533.5	483.5	440.5	408.2
7.5°	6237.2	3487.8	1927.6	1170.2	829.7	672.7	592.4	538.3	486.9	444.1	409.5
5°	7006.7	3917.5	2112.0	1251.7	862.7	685.3	597.5	540.2	487.5	445.6	409.7
2.5°	7548.3	4138.5	2196.1	1296.5	881.5	690.9	600.0	541.4	489.9	447.0	411.8
0°	7638.3	4307.4	2208.1	1306.7	883.6	687.9	599.0	541.6	492.2	446.8	413.2
-2.5°	7548.3	4138.5	2196.1	1296.5	881.5	690.9	600.0	541.4	489.9	447.0	411.8
-5°	7006.7	3917.5	2112.0	1251.7	862.7	685.3	597.5	540.2	487.5	445.6	409.7
-7.5°	6237.2	3487.8	1927.6	1170.2	829.7	672.7	592.4	538.3	486.9	444.1	409.5
-10°	5018.4	2837.8	1651.6	1061.9	785.1	654.0	585.2	533.5	483.5	440.5	408.2
-12.5°	4046.8	2254.0	1342.2	916.1	726.4	627.8	573.5	524.4	477.1	434.7	405.8
-15°	2881.1	1763.5	1147.5	837.3	682.4	603.1	557.2	509.2	465.7	426.5	402.1
-17.5°	2058.9	1318.8	923.3	739.6	641.8	583.0	538.1	493.9	453.5	418.7	397.8
-20°	1378.6	996.5	799.9	677.2	604.9	558.5	516.2	477.0	440.9	412.9	394.6



REPORT NUMBER: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	994.5	818.1	693.8	621.5	573.8	531.4	493.2	458.5	427.4	405.9	390.6
-25°	796.1	692.9	627.0	582.3	540.7	502.3	469.8	441.0	417.2	399.6	386.0
-27.5°	674.5	618.2	581.4	544.7	508.8	476.7	448.9	424.4	406.2	392.8	381.9
-30°	603.4	571.1	540.2	509.8	479.4	452.0	429.3	411.8	397.4	385.9	376.6
-32.5°	551.8	526.0	500.2	475.8	450.8	429.7	413.9	400.1	389.1	379.4	370.9
-35°	506.4	485.1	465.1	445.3	425.7	412.6	400.1	390.2	381.3	372.7	365.4
-37.5°	469.3	451.5	435.4	419.8	408.8	398.0	388.7	380.9	373.1	366.9	359.6
-40°	435.1	421.0	412.3	402.7	394.2	385.2	378.9	372.3	366.6	360.8	353.3
-42.5°	408.5	401.7	395.6	389.0	382.0	376.1	370.2	364.8	359.5	353.6	345.9
-45°	391.4	387.3	382.5	378.0	372.8	367.6	361.7	357.1	352.2	345.4	337.9
-47.5°	379.4	376.4	372.8	368.9	364.6	359.6	354.6	349.6	343.3	336.4	327.5
-50°	370.5	367.9	364.8	361.0	356.7	352.2	346.4	339.8	333.3	325.5	316.5
-52.5°	363.1	360.1	356.7	352.9	347.9	342.2	336.2	329.2	322.1	313.6	304.4
-55°	354.0	351.0	346.9	342.1	336.8	331.3	325.1	317.5	308.9	300.6	290.7
-57.5°	343.5	340.1	335.3	330.4	325.6	319.0	311.4	303.4	294.5	285.7	275.8
-60°	330.2	326.2	321.2	315.7	309.9	303.3	295.3	287.2	279.1	268.1	256.6
-62.5°	313.5	308.4	303.4	297.5	291.2	284.5	276.6	267.2	257.7	247.7	236.2
-65°	292.7	287.5	282.5	275.6	268.2	260.2	252.3	243.8	234.8	225.6	214.5
-67.5°	266.1	260.3	254.5	248.0	240.7	233.4	226.1	218.7	209.8	199.8	188.1
-70°	233.4	227.7	222.0	216.6	210.7	204.3	197.2	189.3	180.8	171.4	160.8
-72.5°	197.3	192.9	188.4	183.7	178.6	172.5	165.6	158.0	150.0	141.5	133.0
-75°	159.7	156.2	152.3	147.9	143.1	137.9	132.1	125.9	119.7	113.5	106.9
-77.5°	121.4	118.7	115.7	112.0	108.0	103.4	98.7	94.5	90.2	85.4	79.9
-80°	85.5	83.7	81.4	78.7	75.7	72.4	69.0	65.5	61.5	57.6	54.1
-82.5°	54.6	53.4	52.0	50.4	48.5	46.4	44.2	41.7	39.1	36.2	33.2
-85°	31.0	30.3	29.5	28.4	27.3	26.2	25.1	23.9	22.7	21.5	20.4
-87.5°	11.2	11.0	10.8	11.0	11.1	11.2	11.3	10.9	10.6	10.2	9.8
-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: P559152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TS-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
85°	19.5	18.6	17.6	16.4	15.2	13.8	12.7	11.7	10.6	9.4	8.3
82.5°	30.9	29.4	28.1	26.6	25.3	23.7	21.8	19.6	16.9	14.3	12.4
80°	50.8	47.4	43.9	40.2	36.7	33.6	31.4	28.7	24.9	21.3	17.8
77.5°	73.8	67.9	62.0	56.8	51.5	46.6	42.1	37.9	32.9	28.3	23.8
75°	99.2	91.4	83.7	75.9	67.7	59.5	53.3	47.7	41.6	35.3	29.7
72.5°	124.5	115.4	105.7	95.7	86.2	76.4	66.4	57.4	50.6	43.4	35.9
70°	150.1	139.5	128.8	117.1	105.2	93.4	82.1	70.7	59.6	51.5	43.1
67.5°	175.8	163.3	151.1	138.3	124.8	111.2	97.7	84.5	71.8	59.6	50.2
65°	201.0	186.9	172.6	158.7	144.0	128.9	113.8	98.4	83.8	70.0	57.3
62.5°	224.0	210.4	194.8	179.0	163.1	146.5	129.5	112.7	95.6	80.1	65.4
60°	244.4	230.6	216.2	199.6	182.0	164.1	145.6	126.7	108.3	89.9	73.9
57.5°	262.9	249.6	234.7	218.8	200.8	181.4	161.4	140.9	120.6	100.6	82.0
55°	280.0	266.5	252.3	236.1	218.3	198.4	176.9	155.0	132.8	111.3	90.0
52.5°	293.8	281.9	267.9	252.3	234.3	214.6	192.2	168.7	145.1	121.7	99.1
50°	306.3	295.2	282.1	266.5	249.5	229.0	207.1	182.2	157.0	131.9	108.0
47.5°	317.7	306.9	294.5	279.8	262.4	243.0	220.3	195.5	168.5	142.1	116.5
45°	327.8	317.4	305.7	291.3	274.8	255.1	232.7	208.3	180.1	152.0	124.7
42.5°	337.1	326.6	315.1	302.5	285.4	266.2	244.6	219.3	191.2	161.5	132.8
40°	344.5	334.7	323.9	310.8	295.3	277.0	254.7	229.6	201.9	170.8	140.7
37.5°	351.4	341.7	330.9	318.8	304.2	285.7	264.2	239.4	211.6	179.7	148.3
35°	357.1	347.9	337.2	325.4	311.2	294.0	273.3	248.3	219.8	188.1	155.4
32.5°	362.5	353.3	342.5	330.8	317.8	301.8	281.1	255.9	227.5	196.0	162.1
30°	367.4	357.5	347.3	335.6	323.5	307.6	287.6	263.0	234.6	203.3	168.4
27.5°	371.5	361.2	351.6	339.9	327.7	312.9	293.6	269.5	241.2	209.7	174.3
25°	375.3	364.6	354.6	343.7	331.3	317.8	299.2	275.5	246.8	215.0	179.6
22.5°	378.7	367.7	357.2	347.1	334.5	322.3	303.8	280.0	251.7	219.8	184.5
20°	381.6	370.4	359.3	349.7	337.3	325.0	307.4	284.1	256.0	224.2	188.8
17.5°	384.3	372.7	361.3	351.3	339.6	327.2	310.7	287.7	259.8	228.0	192.6
15°	386.7	374.5	363.1	352.5	341.4	329.2	313.6	291.0	263.1	231.3	195.8
12.5°	388.6	375.8	364.5	353.5	342.8	330.7	316.2	293.7	265.8	234.0	198.5
10°	390.2	376.5	365.6	354.2	343.8	331.8	318.3	295.9	267.9	236.1	200.6
7.5°	391.3	376.7	366.2	354.5	344.4	332.7	319.5	297.4	269.5	237.7	202.2
5°	392.3	377.2	366.9	355.2	345.2	333.5	320.3	298.3	270.5	238.8	203.2
2.5°	394.2	378.5	367.5	355.6	345.7	333.9	320.5	298.7	270.9	239.3	203.7
0°	395.4	379.5	367.7	355.8	345.9	334.1	320.2	298.5	270.8	239.2	203.6
-2.5°	394.2	378.5	367.5	355.6	345.7	333.9	320.5	298.7	270.9	239.3	203.7
-5°	392.3	377.2	366.9	355.2	345.2	333.5	320.3	298.3	270.5	238.8	203.2
-7.5°	391.3	376.7	366.2	354.5	344.4	332.7	319.5	297.4	269.5	237.7	202.2
-10°	390.2	376.5	365.6	354.2	343.8	331.8	318.3	295.9	267.9	236.1	200.6
-12.5°	388.6	375.8	364.5	353.5	342.8	330.7	316.2	293.7	265.8	234.0	198.5
-15°	386.7	374.5	363.1	352.5	341.4	329.2	313.6	291.0	263.1	231.3	195.8
-17.5°	384.3	372.7	361.3	351.3	339.6	327.2	310.7	287.7	259.8	228.0	192.6
-20°	381.6	370.4	359.3	349.7	337.3	325.0	307.4	284.1	256.0	224.2	188.8



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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°	378.7	367.7	357.2	347.1	334.5	322.3	303.8	280.0	251.7	219.8	184.5
-25°	375.3	364.6	354.6	343.7	331.3	317.8	299.2	275.5	246.8	215.0	179.6
-27.5°	371.5	361.2	351.6	339.9	327.7	312.9	293.6	269.5	241.2	209.7	174.3
-30°	367.4	357.5	347.3	335.6	323.5	307.6	287.6	263.0	234.6	203.3	168.4
-32.5°	362.5	353.3	342.5	330.8	317.8	301.8	281.1	255.9	227.5	196.0	162.1
-35°	357.1	347.9	337.2	325.4	311.2	294.0	273.3	248.3	219.8	188.1	155.4
-37.5°	351.4	341.7	330.9	318.8	304.2	285.7	264.2	239.4	211.6	179.7	148.3
-40°	344.5	334.7	323.9	310.8	295.3	277.0	254.7	229.6	201.9	170.8	140.7
-42.5°	337.1	326.6	315.1	302.5	285.4	266.2	244.6	219.3	191.2	161.5	132.8
-45°	327.8	317.4	305.7	291.3	274.8	255.1	232.7	208.3	180.1	152.0	124.7
-47.5°	317.7	306.9	294.5	279.8	262.4	243.0	220.3	195.5	168.5	142.1	116.5
-50°	306.3	295.2	282.1	266.5	249.5	229.0	207.1	182.2	157.0	131.9	108.0
-52.5°	293.8	281.9	267.9	252.3	234.3	214.6	192.2	168.7	145.1	121.7	99.1
-55°	280.0	266.5	252.3	236.1	218.3	198.4	176.9	155.0	132.8	111.3	90.0
-57.5°	262.9	249.6	234.7	218.8	200.8	181.4	161.4	140.9	120.6	100.6	82.0
-60°	244.4	230.6	216.2	199.6	182.0	164.1	145.6	126.7	108.3	89.9	73.9
-62.5°	224.0	210.4	194.8	179.0	163.1	146.5	129.5	112.7	95.6	80.1	65.4
-65°	201.0	186.9	172.6	158.7	144.0	128.9	113.8	98.4	83.8	70.0	57.3
-67.5°	175.8	163.3	151.1	138.3	124.8	111.2	97.7	84.5	71.8	59.6	50.2
-70°	150.1	139.5	128.8	117.1	105.2	93.4	82.1	70.7	59.6	51.5	43.1
-72.5°	124.5	115.4	105.7	95.7	86.2	76.4	66.4	57.4	50.6	43.4	35.9
-75°	99.2	91.4	83.7	75.9	67.7	59.5	53.3	47.7	41.6	35.3	29.7
-77.5°	73.8	67.9	62.0	56.8	51.5	46.6	42.1	37.9	32.9	28.3	23.8
-80°	50.8	47.4	43.9	40.2	36.7	33.6	31.4	28.7	24.9	21.3	17.8
-82.5°	30.9	29.4	28.1	26.6	25.3	23.7	21.8	19.6	16.9	14.3	12.4
-85°	19.5	18.6	17.6	16.4	15.2	13.8	12.7	11.7	10.6	9.4	8.3
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
-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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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°	3.6	3.1	2.6	2.0	1.4	0.7	0.0
85°	7.1	6.2	5.1	4.0	2.8	1.4	0.0
82.5°	10.7	9.3	7.7	6.0	4.1	2.1	0.0
80°	14.4	12.4	10.2	8.0	5.5	2.7	0.0
77.5°	19.5	15.8	12.8	9.9	6.8	3.4	0.0
75°	24.5	20.0	15.5	11.9	8.2	4.1	0.0
72.5°	29.5	24.2	18.8	13.8	9.5	4.7	0.0
70°	34.6	28.3	22.1	15.9	10.8	5.4	0.0
67.5°	40.8	32.3	25.3	18.3	12.1	6.0	0.0
65°	46.9	36.8	28.5	20.7	13.3	6.7	0.0
62.5°	52.8	41.7	31.6	23.0	14.6	7.3	0.0
60°	58.6	46.5	34.7	25.3	15.8	7.9	0.0
57.5°	65.5	51.1	38.4	27.6	17.3	8.5	0.0
55°	72.4	55.6	41.9	29.8	18.7	9.1	0.0
52.5°	79.1	60.2	45.4	31.9	20.1	9.6	0.0
50°	85.5	65.6	48.7	34.0	21.4	10.2	0.0
47.5°	91.9	70.8	51.9	36.1	22.7	10.7	0.0
45°	98.9	75.8	55.0	38.3	24.0	11.2	0.0
42.5°	105.6	80.6	57.9	40.5	25.2	11.6	0.0
40°	111.9	85.1	61.1	42.6	26.3	12.1	0.0
37.5°	117.9	89.5	64.6	44.5	27.4	12.5	0.0
35°	123.5	94.0	67.9	46.3	28.4	12.9	0.0
32.5°	128.9	98.3	70.9	47.9	29.4	13.3	0.0
30°	134.2	102.4	73.8	49.4	30.3	13.7	0.0
27.5°	139.1	106.2	76.4	50.8	31.1	14.0	0.0
25°	143.7	109.6	78.8	52.1	31.9	14.3	0.0
22.5°	147.8	112.8	81.1	53.2	32.6	14.6	0.0
20°	151.5	115.6	83.1	54.2	33.2	14.8	0.0
17.5°	154.9	118.1	84.8	55.1	33.8	15.1	0.0
15°	157.8	120.3	86.4	55.8	34.2	15.3	0.0
12.5°	160.3	122.2	87.8	56.4	34.7	15.4	0.0
10°	162.4	123.8	88.9	56.8	35.0	15.6	0.0
7.5°	164.0	125.0	89.8	57.1	35.3	15.7	0.0
5°	165.2	125.8	90.4	57.3	35.4	15.7	0.0
2.5°	165.9	126.3	90.8	57.4	35.6	15.8	0.0
0°	166.1	126.5	90.9	57.3	35.6	15.8	0.0
-2.5°	165.9	126.3	90.8	57.4	35.6	15.8	0.0
-5°	165.2	125.8	90.4	57.3	35.4	15.7	0.0
-7.5°	164.0	125.0	89.8	57.1	35.3	15.7	0.0
-10°	162.4	123.8	88.9	56.8	35.0	15.6	0.0
-12.5°	160.3	122.2	87.8	56.4	34.7	15.4	0.0
-15°	157.8	120.3	86.4	55.8	34.2	15.3	0.0
-17.5°	154.9	118.1	84.8	55.1	33.8	15.1	0.0
-20°	151.5	115.6	83.1	54.2	33.2	14.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	147.8	112.8	81.1	53.2	32.6	14.6	0.0
-25°	143.7	109.6	78.8	52.1	31.9	14.3	0.0
-27.5°	139.1	106.2	76.4	50.8	31.1	14.0	0.0
-30°	134.2	102.4	73.8	49.4	30.3	13.7	0.0
-32.5°	128.9	98.3	70.9	47.9	29.4	13.3	0.0
-35°	123.5	94.0	67.9	46.3	28.4	12.9	0.0
-37.5°	117.9	89.5	64.6	44.5	27.4	12.5	0.0
-40°	111.9	85.1	61.1	42.6	26.3	12.1	0.0
-42.5°	105.6	80.6	57.9	40.5	25.2	11.6	0.0
-45°	98.9	75.8	55.0	38.3	24.0	11.2	0.0
-47.5°	91.9	70.8	51.9	36.1	22.7	10.7	0.0
-50°	85.5	65.6	48.7	34.0	21.4	10.2	0.0
-52.5°	79.1	60.2	45.4	31.9	20.1	9.6	0.0
-55°	72.4	55.6	41.9	29.8	18.7	9.1	0.0
-57.5°	65.5	51.1	38.4	27.6	17.3	8.5	0.0
-60°	58.6	46.5	34.7	25.3	15.8	7.9	0.0
-62.5°	52.8	41.7	31.6	23.0	14.6	7.3	0.0
-65°	46.9	36.8	28.5	20.7	13.3	6.7	0.0
-67.5°	40.8	32.3	25.3	18.3	12.1	6.0	0.0
-70°	34.6	28.3	22.1	15.9	10.8	5.4	0.0
-72.5°	29.5	24.2	18.8	13.8	9.5	4.7	0.0
-75°	24.5	20.0	15.5	11.9	8.2	4.1	0.0
-77.5°	19.5	15.8	12.8	9.9	6.8	3.4	0.0
-80°	14.4	12.4	10.2	8.0	5.5	2.7	0.0
-82.5°	10.7	9.3	7.7	6.0	4.1	2.1	0.0
-85°	7.1	6.2	5.1	4.0	2.8	1.4	0.0
-87.5°	3.6	3.1	2.6	2.0	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)