

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: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559144 (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-930-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

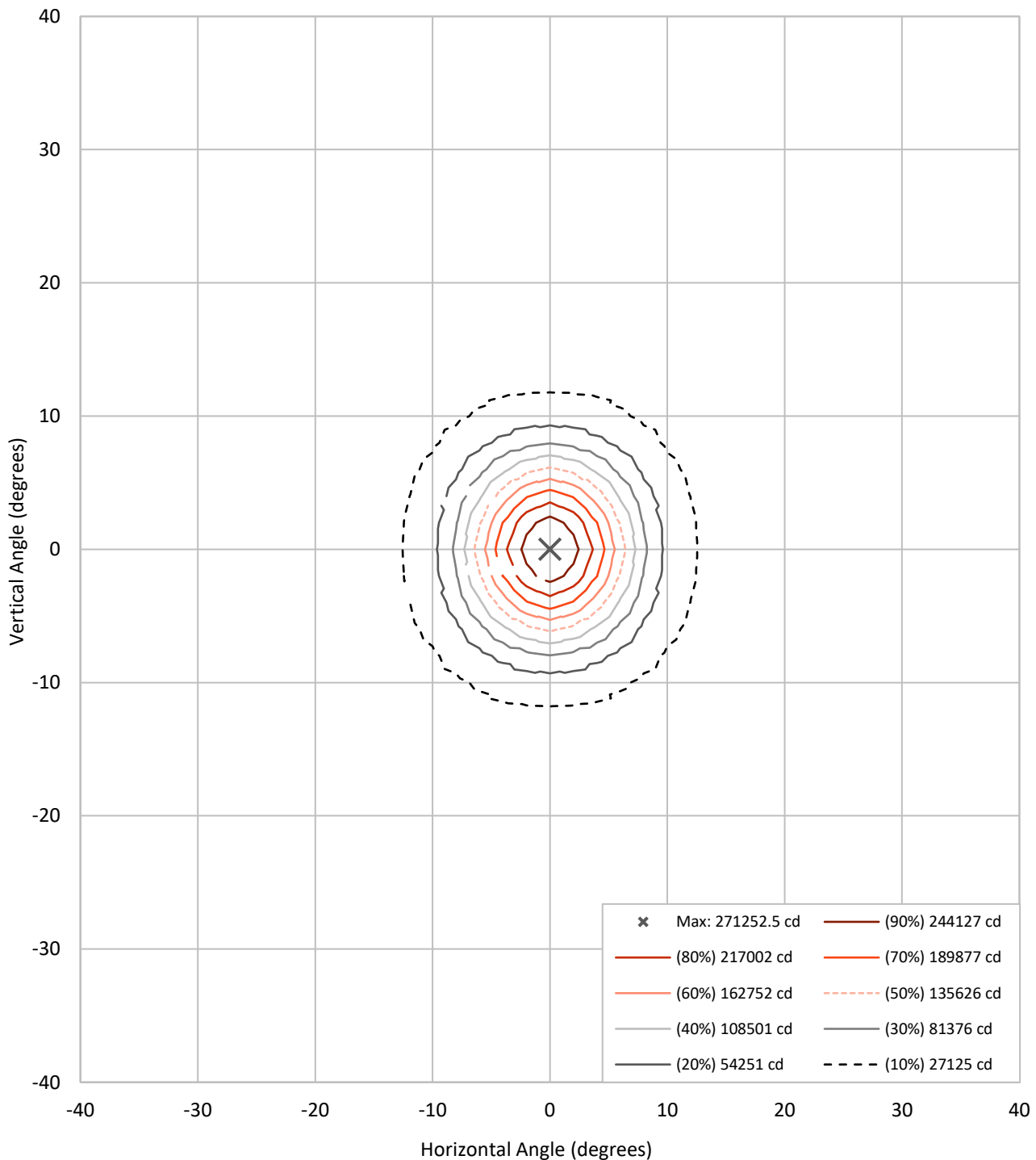
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	19662.2 lumens	Max Intensity:	271252.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6212.9 lumens	Field Lumens:	13763.8 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





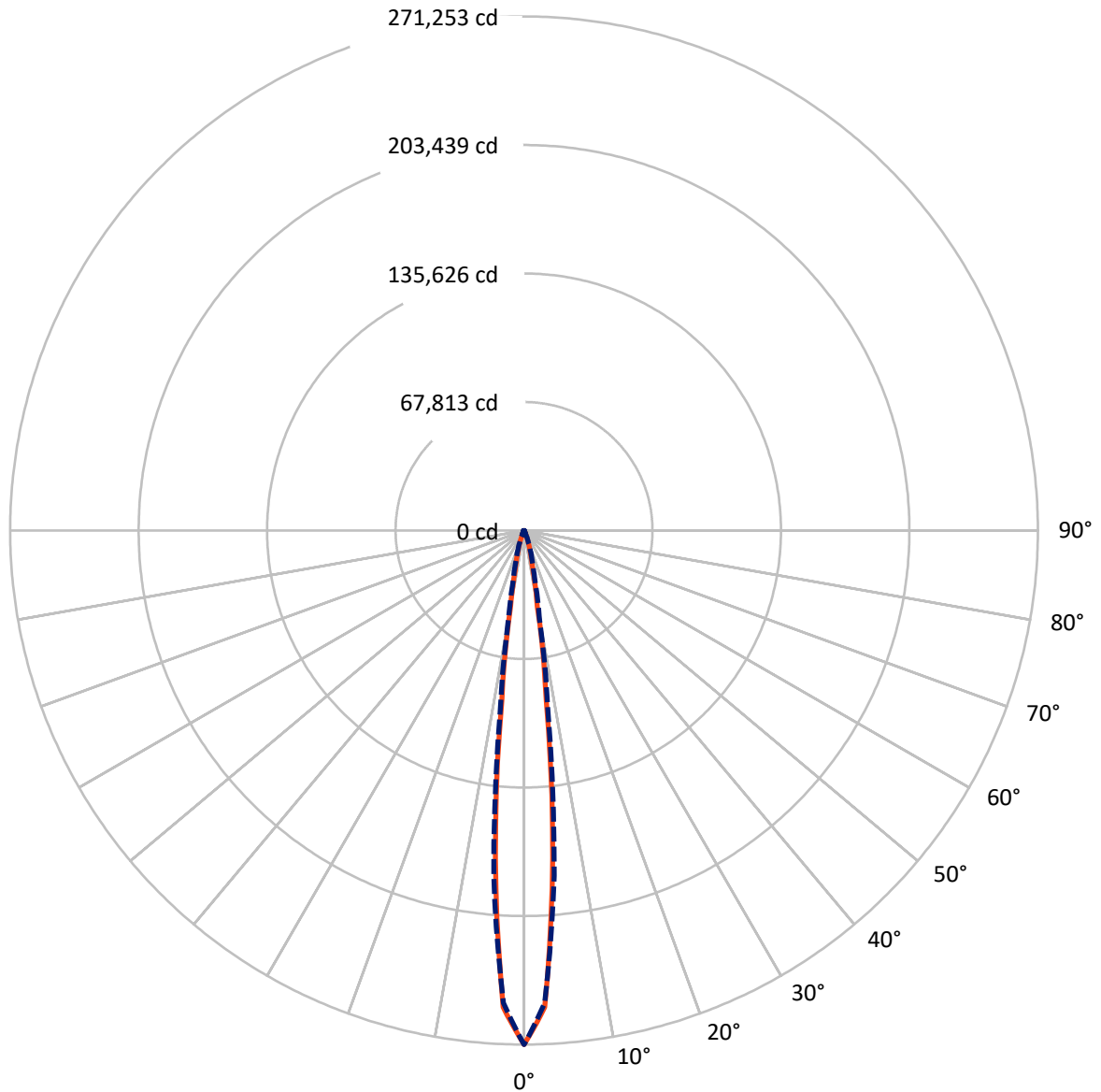
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Lumen Table

90	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
80	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
70	1.0	1.2	2.6	4.2	5.8	7.1	8.1	8.6	8.6	8.1	7.1	5.8	4.2	2.6	1.2	1.0			
60		1.9	3.8	5.7	7.4	8.8	9.6	10.0	10.0	9.6	8.8	7.4	5.7	3.8	1.9				
50	1.9	2.5	4.7	6.7	8.3	9.8	11.0	11.5	11.5	11.0	9.8	8.3	6.7	4.7	2.5	1.9			
40		2.9	5.2	7.3	9.3	12.0	15.0	16.9	16.9	15.0	12.0	9.3	7.3	5.2	2.9				
30	2.5	3.3	5.5	7.7	10.9	17.0	37.7	68.6	68.6	37.7	17.0	10.9	7.7	5.5	3.3	2.5			
20		3.4	5.7	8.1	13.0	36.5	206.2	453.6	453.6	206.2	36.5	13.0	8.1	5.7	3.4				
10	2.8	3.5	5.7	8.4	14.4	70.1	494.9	3201.8	3201.8	494.9	70.1	14.4	8.4	5.7	3.5	2.8			
0		3.5	5.7	8.4	14.4	70.1	494.9	3201.8	3201.8	494.9	70.1	14.4	8.4	5.7	3.5				
-10	2.5	3.4	5.7	8.1	13.0	36.5	206.2	453.6	453.6	206.2	36.5	13.0	8.1	5.7	3.4	2.5			
-20		3.3	5.5	7.7	10.9	17.0	37.7	68.6	68.6	37.7	17.0	10.9	7.7	5.5	3.3				
-30	1.9	2.9	5.2	7.3	9.3	12.0	15.0	16.9	16.9	15.0	12.0	9.3	7.3	5.2	2.9	1.9			
-40		2.5	4.7	6.7	8.3	9.8	11.0	11.5	11.5	11.0	9.8	8.3	6.7	4.7	2.5				
-50	1.0	1.9	3.8	5.7	7.4	8.8	9.6	10.0	10.0	9.6	8.8	7.4	5.7	3.8	1.9	1.0			
-60		1.2	2.6	4.2	5.8	7.1	8.1	8.6	8.6	8.1	7.1	5.8	4.2	2.6	1.2				
-70	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
-80	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		0.3			
-90	0.3	2.3		6.3		10.2		11.8		10.2		6.3		2.3		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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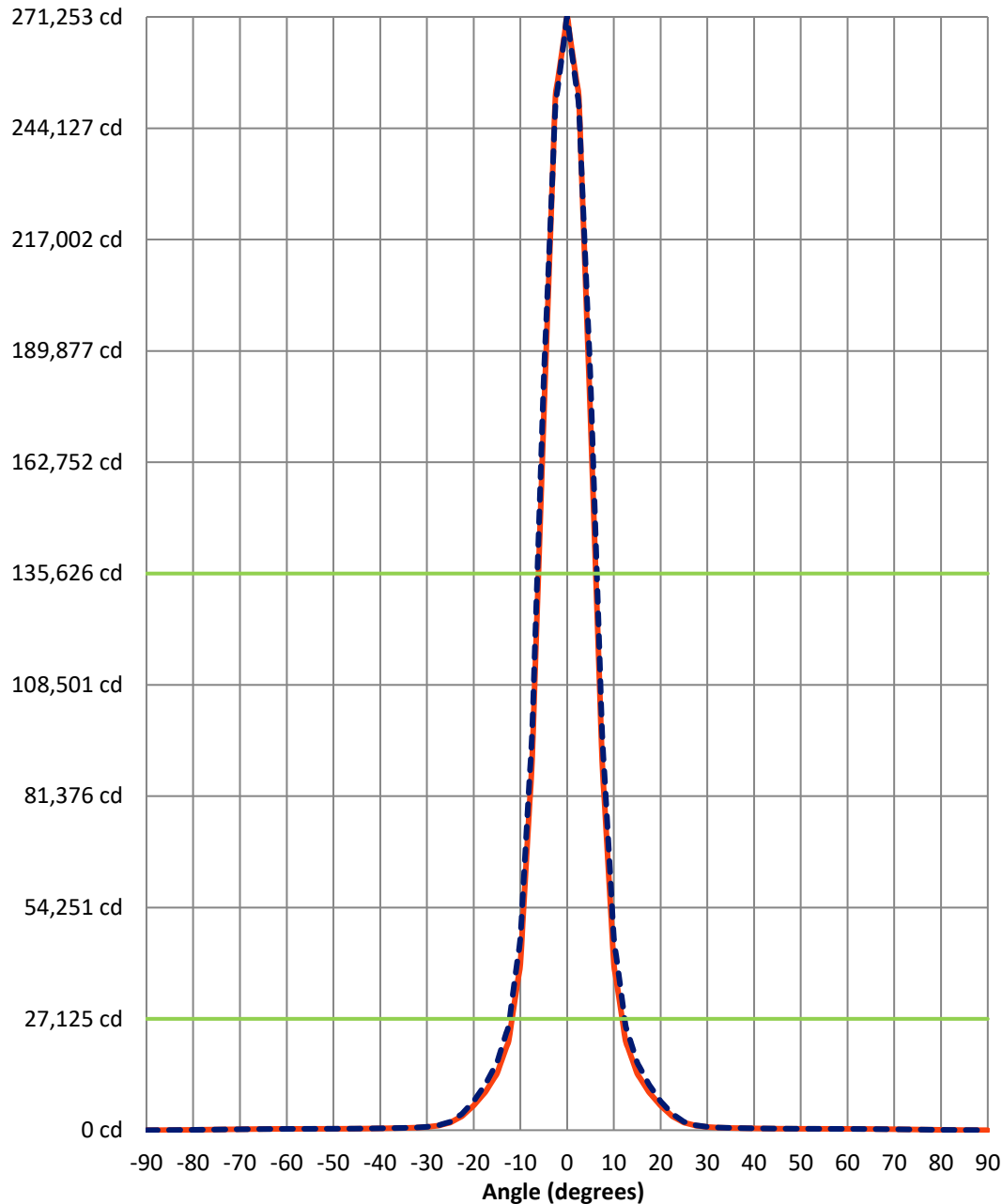
Luminous Intensity Polar Plot



— 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: 6212.9
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 13763.8
 Efficiency: 70.0%

Spill:
 Lumens: 5898.4
 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	0.6	1.3	1.8	2.4	2.9	3.3	3.8	4.4	4.9	5.4
85°	0.0	1.3	2.5	3.7	4.8	5.7	6.6	7.7	8.7	9.8	10.8
82.5°	0.0	1.9	3.8	5.5	7.1	8.6	9.9	11.5	13.2	15.6	18.1
80°	0.0	2.5	5.1	7.4	9.5	11.4	13.4	16.5	19.7	23.1	26.5
77.5°	0.0	3.2	6.3	9.2	11.8	14.7	18.0	22.0	26.1	30.4	35.0
75°	0.0	3.8	7.5	11.0	14.3	18.5	22.7	27.4	32.6	38.5	44.0
72.5°	0.0	4.4	8.8	12.8	17.4	22.3	27.2	33.1	40.1	46.8	53.0
70°	0.0	5.0	10.0	14.7	20.4	26.1	31.9	39.8	47.6	55.1	65.3
67.5°	0.0	5.6	11.2	16.9	23.4	29.8	37.7	46.4	55.1	66.4	78.1
65°	0.0	6.2	12.3	19.1	26.3	34.0	43.3	52.9	64.7	77.4	90.9
62.5°	0.0	6.7	13.5	21.3	29.2	38.5	48.8	60.5	74.0	88.4	104.1
60°	0.0	7.3	14.6	23.4	32.1	42.9	54.2	68.2	83.1	100.0	117.0
57.5°	0.0	7.8	15.9	25.5	35.4	47.3	60.6	75.8	92.9	111.4	130.2
55°	0.0	8.4	17.3	27.5	38.7	51.4	66.9	83.2	102.8	122.7	143.2
52.5°	0.0	8.9	18.6	29.5	41.9	55.6	73.1	91.6	112.4	134.0	155.8
50°	0.0	9.4	19.8	31.4	45.0	60.6	79.1	99.8	121.8	145.1	168.4
47.5°	0.0	9.9	21.0	33.3	48.0	65.4	85.0	107.7	131.3	155.7	180.6
45°	0.0	10.3	22.2	35.4	50.8	70.0	91.4	115.2	140.4	166.4	192.5
42.5°	0.0	10.8	23.3	37.5	53.5	74.4	97.5	122.7	149.2	176.7	202.6
40°	0.0	11.2	24.3	39.4	56.5	78.7	103.4	130.0	157.7	186.6	212.1
37.5°	0.0	11.6	25.3	41.1	59.7	82.7	108.9	137.0	166.0	195.6	221.2
35°	0.0	12.0	26.3	42.8	62.7	86.8	114.1	143.5	173.8	203.1	229.4
32.5°	0.0	12.3	27.2	44.3	65.6	90.9	119.1	149.7	181.1	210.1	236.4
30°	0.0	12.6	28.0	45.7	68.2	94.7	124.0	155.5	187.8	216.7	242.9
27.5°	0.0	12.9	28.8	47.0	70.6	98.1	128.5	161.0	193.7	222.8	249.0
25°	0.0	13.2	29.5	48.1	72.9	101.3	132.7	165.9	198.6	228.0	254.5
22.5°	0.0	13.5	30.1	49.2	74.9	104.2	136.5	170.4	203.1	232.5	258.6
20°	0.0	13.7	30.7	50.1	76.8	106.8	140.0	174.4	207.1	236.5	262.4
17.5°	0.0	13.9	31.2	50.9	78.4	109.2	143.0	177.8	210.6	240.0	265.8
15°	0.0	14.1	31.6	51.6	79.9	111.2	145.8	180.8	213.6	243.0	268.8
12.5°	0.0	14.3	32.0	52.1	81.1	112.9	148.1	183.3	216.1	245.5	271.3
10°	0.0	14.4	32.3	52.5	82.1	114.4	150.0	185.3	218.1	247.5	273.3
7.5°	0.0	14.5	32.6	52.8	82.9	115.5	151.5	186.8	219.6	248.9	274.7
5°	0.0	14.5	32.8	53.0	83.5	116.3	152.5	187.7	220.6	249.9	275.5
2.5°	0.0	14.6	32.9	53.1	83.9	116.7	153.2	188.1	221.1	250.3	275.9
0°	0.0	14.6	32.9	53.0	84.0	116.9	153.4	188.1	221.0	250.2	275.7
-2.5°	0.0	14.6	32.9	53.1	83.9	116.7	153.2	188.1	221.1	250.3	275.9
-5°	0.0	14.5	32.8	53.0	83.5	116.3	152.5	187.7	220.6	249.9	275.5
-7.5°	0.0	14.5	32.6	52.8	82.9	115.5	151.5	186.8	219.6	248.9	274.7
-10°	0.0	14.4	32.3	52.5	82.1	114.4	150.0	185.3	218.1	247.5	273.3
-12.5°	0.0	14.3	32.0	52.1	81.1	112.9	148.1	183.3	216.1	245.5	271.3
-15°	0.0	14.1	31.6	51.6	79.9	111.2	145.8	180.8	213.6	243.0	268.8
-17.5°	0.0	13.9	31.2	50.9	78.4	109.2	143.0	177.8	210.6	240.0	265.8
-20°	0.0	13.7	30.7	50.1	76.8	106.8	140.0	174.4	207.1	236.5	262.4



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.5	30.1	49.2	74.9	104.2	136.5	170.4	203.1	232.5	258.6
-25°	0.0	13.2	29.5	48.1	72.9	101.3	132.7	165.9	198.6	228.0	254.5
-27.5°	0.0	12.9	28.8	47.0	70.6	98.1	128.5	161.0	193.7	222.8	249.0
-30°	0.0	12.6	28.0	45.7	68.2	94.7	124.0	155.5	187.8	216.7	242.9
-32.5°	0.0	12.3	27.2	44.3	65.6	90.9	119.1	149.7	181.1	210.1	236.4
-35°	0.0	12.0	26.3	42.8	62.7	86.8	114.1	143.5	173.8	203.1	229.4
-37.5°	0.0	11.6	25.3	41.1	59.7	82.7	108.9	137.0	166.0	195.6	221.2
-40°	0.0	11.2	24.3	39.4	56.5	78.7	103.4	130.0	157.7	186.6	212.1
-42.5°	0.0	10.8	23.3	37.5	53.5	74.4	97.5	122.7	149.2	176.7	202.6
-45°	0.0	10.3	22.2	35.4	50.8	70.0	91.4	115.2	140.4	166.4	192.5
-47.5°	0.0	9.9	21.0	33.3	48.0	65.4	85.0	107.7	131.3	155.7	180.6
-50°	0.0	9.4	19.8	31.4	45.0	60.6	79.1	99.8	121.8	145.1	168.4
-52.5°	0.0	8.9	18.6	29.5	41.9	55.6	73.1	91.6	112.4	134.0	155.8
-55°	0.0	8.4	17.3	27.5	38.7	51.4	66.9	83.2	102.8	122.7	143.2
-57.5°	0.0	7.8	15.9	25.5	35.4	47.3	60.6	75.8	92.9	111.4	130.2
-60°	0.0	7.3	14.6	23.4	32.1	42.9	54.2	68.2	83.1	100.0	117.0
-62.5°	0.0	6.7	13.5	21.3	29.2	38.5	48.8	60.5	74.0	88.4	104.1
-65°	0.0	6.2	12.3	19.1	26.3	34.0	43.3	52.9	64.7	77.4	90.9
-67.5°	0.0	5.6	11.2	16.9	23.4	29.8	37.7	46.4	55.1	66.4	78.1
-70°	0.0	5.0	10.0	14.7	20.4	26.1	31.9	39.8	47.6	55.1	65.3
-72.5°	0.0	4.4	8.8	12.8	17.4	22.3	27.2	33.1	40.1	46.8	53.0
-75°	0.0	3.8	7.5	11.0	14.3	18.5	22.7	27.4	32.6	38.5	44.0
-77.5°	0.0	3.2	6.3	9.2	11.8	14.7	18.0	22.0	26.1	30.4	35.0
-80°	0.0	2.5	5.1	7.4	9.5	11.4	13.4	16.5	19.7	23.1	26.5
-82.5°	0.0	1.9	3.8	5.5	7.1	8.6	9.9	11.5	13.2	15.6	18.1
-85°	0.0	1.3	2.5	3.7	4.8	5.7	6.6	7.7	8.7	9.8	10.8
-87.5°	0.0	0.6	1.3	1.8	2.4	2.9	3.3	3.8	4.4	4.9	5.4
-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°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.2
85°	11.8	12.8	14.1	15.2	16.3	17.2	18.1	18.8	19.9	21.0	22.1
82.5°	20.2	21.9	23.4	24.6	26.0	27.2	28.5	30.7	33.4	36.1	38.6
80°	29.0	31.0	33.9	37.1	40.5	43.8	47.0	50.0	53.2	56.8	60.5
77.5°	38.9	43.1	47.6	52.5	57.2	62.7	68.2	73.8	78.9	83.4	87.3
75°	49.3	54.9	62.5	70.1	77.3	84.4	91.7	98.7	104.9	110.6	116.4
72.5°	61.4	70.6	79.6	88.4	97.7	106.6	115.0	122.9	130.7	138.5	145.9
70°	75.9	86.3	97.2	108.2	119.0	128.9	138.6	148.5	158.3	167.0	174.9
67.5°	90.3	102.8	115.3	127.7	139.5	150.8	162.3	173.7	184.6	193.8	202.0
65°	105.1	119.0	133.1	146.6	159.4	172.7	185.6	198.2	208.4	216.9	225.2
62.5°	119.6	135.4	150.6	165.4	179.9	194.4	206.9	218.2	228.8	238.0	246.9
60°	134.5	151.6	168.1	184.3	199.7	213.0	225.8	237.1	247.7	257.8	265.3
57.5°	149.1	167.6	185.5	202.1	216.9	230.6	242.9	254.8	263.9	272.1	280.3
55°	163.5	183.3	201.7	218.1	233.1	246.2	258.6	268.5	277.7	285.4	293.3
52.5°	177.6	198.2	216.5	233.1	247.5	260.4	271.4	281.2	289.7	297.6	304.1
50°	191.3	211.6	230.5	246.2	260.6	272.7	283.0	292.4	300.7	307.9	313.8
47.5°	203.6	224.5	242.4	258.5	272.0	283.6	293.5	302.5	310.8	317.1	322.9
45°	215.0	235.6	253.8	269.1	282.4	293.2	302.9	312.2	319.0	325.3	329.8
42.5°	226.0	245.9	263.6	279.5	291.2	301.7	311.5	319.5	326.6	332.1	336.9
40°	235.3	255.9	272.8	287.2	299.2	309.2	318.2	326.3	333.3	338.7	343.9
37.5°	244.1	264.0	281.1	294.5	305.8	315.7	324.5	332.1	339.0	344.7	351.8
35°	252.5	271.6	287.5	300.6	311.6	321.3	329.8	337.6	344.3	352.2	360.4
32.5°	259.7	278.8	293.6	305.6	316.3	326.3	334.8	342.7	350.5	359.3	369.6
30°	265.7	284.2	298.9	310.0	320.8	330.2	339.4	347.9	356.4	367.0	380.4
27.5°	271.2	289.1	302.7	313.9	324.7	333.6	343.2	352.8	362.8	375.2	392.0
25°	276.4	293.6	306.0	317.4	327.5	336.8	346.7	356.5	369.0	385.4	407.4
22.5°	280.6	297.8	309.0	320.6	329.9	339.6	349.8	360.8	374.9	394.8	423.6
20°	284.0	300.2	311.5	323.1	331.8	342.2	352.6	364.5	381.4	407.2	440.6
17.5°	287.1	302.3	313.6	324.5	333.7	344.3	355.0	367.5	386.8	418.9	456.3
15°	289.8	304.1	315.3	325.7	335.4	346.0	357.2	371.4	393.9	430.2	470.4
12.5°	292.1	305.5	316.7	326.6	336.7	347.1	359.0	374.8	401.5	440.7	484.5
10°	294.1	306.5	317.6	327.2	337.7	347.8	360.5	377.1	406.9	446.6	492.8
7.5°	295.2	307.3	318.2	327.5	338.3	348.0	361.5	378.2	410.3	449.8	497.3
5°	295.9	308.0	319.0	328.1	339.0	348.4	362.4	378.4	411.7	450.4	499.0
2.5°	296.1	308.4	319.4	328.6	339.5	349.7	364.1	380.4	412.9	452.6	500.2
0°	295.8	308.6	319.6	328.7	339.7	350.6	365.2	381.7	412.7	454.7	500.3
-2.5°	296.1	308.4	319.4	328.6	339.5	349.7	364.1	380.4	412.9	452.6	500.2
-5°	295.9	308.0	319.0	328.1	339.0	348.4	362.4	378.4	411.7	450.4	499.0
-7.5°	295.2	307.3	318.2	327.5	338.3	348.0	361.5	378.2	410.3	449.8	497.3
-10°	294.1	306.5	317.6	327.2	337.7	347.8	360.5	377.1	406.9	446.6	492.8
-12.5°	292.1	305.5	316.7	326.6	336.7	347.1	359.0	374.8	401.5	440.7	484.5
-15°	289.8	304.1	315.3	325.7	335.4	346.0	357.2	371.4	393.9	430.2	470.4
-17.5°	287.1	302.3	313.6	324.5	333.7	344.3	355.0	367.5	386.8	418.9	456.3
-20°	284.0	300.2	311.5	323.1	331.8	342.2	352.6	364.5	381.4	407.2	440.6



REPORT NUMBER: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	280.6	297.8	309.0	320.6	329.9	339.6	349.8	360.8	374.9	394.8	423.6
-25°	276.4	293.6	306.0	317.4	327.5	336.8	346.7	356.5	369.0	385.4	407.4
-27.5°	271.2	289.1	302.7	313.9	324.7	333.6	343.2	352.8	362.8	375.2	392.0
-30°	265.7	284.2	298.9	310.0	320.8	330.2	339.4	347.9	356.4	367.0	380.4
-32.5°	259.7	278.8	293.6	305.6	316.3	326.3	334.8	342.7	350.5	359.3	369.6
-35°	252.5	271.6	287.5	300.6	311.6	321.3	329.8	337.6	344.3	352.2	360.4
-37.5°	244.1	264.0	281.1	294.5	305.8	315.7	324.5	332.1	339.0	344.7	351.8
-40°	235.3	255.9	272.8	287.2	299.2	309.2	318.2	326.3	333.3	338.7	343.9
-42.5°	226.0	245.9	263.6	279.5	291.2	301.7	311.5	319.5	326.6	332.1	336.9
-45°	215.0	235.6	253.8	269.1	282.4	293.2	302.9	312.2	319.0	325.3	329.8
-47.5°	203.6	224.5	242.4	258.5	272.0	283.6	293.5	302.5	310.8	317.1	322.9
-50°	191.3	211.6	230.5	246.2	260.6	272.7	283.0	292.4	300.7	307.9	313.8
-52.5°	177.6	198.2	216.5	233.1	247.5	260.4	271.4	281.2	289.7	297.6	304.1
-55°	163.5	183.3	201.7	218.1	233.1	246.2	258.6	268.5	277.7	285.4	293.3
-57.5°	149.1	167.6	185.5	202.1	216.9	230.6	242.9	254.8	263.9	272.1	280.3
-60°	134.5	151.6	168.1	184.3	199.7	213.0	225.8	237.1	247.7	257.8	265.3
-62.5°	119.6	135.4	150.6	165.4	179.9	194.4	206.9	218.2	228.8	238.0	246.9
-65°	105.1	119.0	133.1	146.6	159.4	172.7	185.6	198.2	208.4	216.9	225.2
-67.5°	90.3	102.8	115.3	127.7	139.5	150.8	162.3	173.7	184.6	193.8	202.0
-70°	75.9	86.3	97.2	108.2	119.0	128.9	138.6	148.5	158.3	167.0	174.9
-72.5°	61.4	70.6	79.6	88.4	97.7	106.6	115.0	122.9	130.7	138.5	145.9
-75°	49.3	54.9	62.5	70.1	77.3	84.4	91.7	98.7	104.9	110.6	116.4
-77.5°	38.9	43.1	47.6	52.5	57.2	62.7	68.2	73.8	78.9	83.4	87.3
-80°	29.0	31.0	33.9	37.1	40.5	43.8	47.0	50.0	53.2	56.8	60.5
-82.5°	20.2	21.9	23.4	24.6	26.0	27.2	28.5	30.7	33.4	36.1	38.6
-85°	11.8	12.8	14.1	15.2	16.3	17.2	18.1	18.8	19.9	21.0	22.1
-87.5°	5.9	6.4	6.9	7.3	7.8	8.2	8.6	9.0	9.4	9.8	10.2
-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: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	10.5	10.4	10.3	10.2	10.0	10.2	10.3	10.5	10.6	10.7	10.8
85°	23.2	24.2	25.2	26.2	27.2	27.9	28.6	29.1	29.6	30.0	30.4
82.5°	40.8	42.9	44.8	46.5	48.1	49.3	50.5	51.5	52.4	53.1	53.7
80°	63.8	66.9	69.9	72.7	75.3	77.3	79.0	80.4	81.6	82.8	83.9
77.5°	91.2	95.6	99.8	103.5	106.9	109.7	112.2	114.3	116.1	118.3	120.3
75°	122.1	127.4	132.2	136.6	140.7	144.3	147.5	150.4	152.8	155.2	157.2
72.5°	153.0	159.3	164.9	169.7	174.0	178.2	182.2	186.0	189.5	192.2	194.1
70°	182.1	188.7	194.6	200.1	205.1	210.3	215.6	220.5	224.9	227.8	229.5
67.5°	208.8	215.5	222.3	229.0	235.0	240.4	245.8	250.6	254.9	257.9	259.7
65°	233.0	240.4	247.7	254.6	260.9	265.5	270.3	274.9	279.2	282.6	285.1
62.5°	255.6	262.8	269.0	274.8	280.2	284.8	289.6	293.8	297.5	300.8	303.8
60°	272.8	280.2	286.3	291.6	296.7	301.3	305.0	308.1	310.6	312.7	314.6
57.5°	287.6	294.7	300.8	305.3	309.7	314.1	317.3	319.3	320.8	321.9	322.7
55°	300.3	306.1	311.2	316.1	320.5	324.3	327.1	328.4	329.2	329.6	330.0
52.5°	310.6	316.1	321.3	326.0	329.5	332.7	335.5	336.2	336.6	336.9	336.9
50°	319.9	325.3	329.5	333.5	337.0	339.9	342.3	343.4	344.1	344.2	343.9
47.5°	327.5	332.1	336.7	340.8	344.4	347.7	350.4	352.0	353.2	353.6	353.6
45°	334.1	339.6	344.4	349.2	353.4	357.8	361.5	364.0	366.6	368.3	369.2
42.5°	342.0	347.5	352.9	359.4	365.4	371.1	377.3	382.7	388.4	394.5	398.6
40°	350.0	355.9	364.2	372.1	380.9	388.9	401.9	415.0	424.9	433.3	440.9
37.5°	359.1	367.7	377.6	387.8	402.2	417.1	433.6	449.7	463.8	476.5	486.8
35°	369.5	381.1	393.3	411.4	429.7	448.1	467.8	489.3	507.5	520.9	530.5
32.5°	382.3	396.9	416.5	439.6	462.1	485.9	509.7	533.7	551.7	570.2	588.9
30°	396.5	417.6	442.9	470.9	499.0	527.5	557.4	590.6	622.3	656.3	704.8
27.5°	414.7	440.3	470.1	503.2	537.0	571.0	623.1	680.1	764.9	832.6	947.4
25°	434.0	464.1	499.5	537.9	579.2	640.1	735.4	848.0	1047.6	1202.4	1437.2
22.5°	455.6	490.9	530.1	574.2	640.8	755.7	918.7	1207.9	1610.4	2007.9	2449.9
20°	476.9	515.9	558.8	625.5	738.9	920.5	1273.5	1898.9	2597.3	3591.8	4426.5
17.5°	497.1	538.5	592.9	683.2	852.9	1218.2	1901.9	2973.1	4431.9	6035.0	7371.8
15°	514.8	557.2	630.4	773.5	1060.0	1629.0	2661.5	4484.5	6935.6	9130.4	11088.0
12.5°	529.8	580.0	671.0	846.2	1239.9	2082.2	3738.3	6327.0	9320.2	12398.2	14875.6
10°	540.7	604.2	725.3	981.0	1525.7	2621.4	4635.8	7901.3	11505.2	15246.4	19724.8
7.5°	547.2	621.5	766.4	1081.0	1780.6	3221.9	5761.7	9306.8	13445.4	18552.5	25395.0
5°	552.0	633.1	796.9	1156.3	1951.0	3618.9	6472.5	10371.7	15119.5	22504.1	36586.4
2.5°	554.2	638.3	814.2	1197.6	2028.6	3823.0	6972.8	10981.5	16138.1	25291.6	44339.1
0°	553.3	635.5	816.3	1207.0	2039.7	3979.0	7056.0	11155.6	16482.3	25541.5	46824.5
-2.5°	554.2	638.3	814.2	1197.6	2028.6	3823.0	6972.8	10981.5	16138.1	25291.6	44339.1
-5°	552.0	633.1	796.9	1156.3	1951.0	3618.9	6472.5	10371.7	15119.5	22504.1	36586.4
-7.5°	547.2	621.5	766.4	1081.0	1780.6	3221.9	5761.7	9306.8	13445.4	18552.5	25395.0
-10°	540.7	604.2	725.3	981.0	1525.7	2621.4	4635.8	7901.3	11505.2	15246.4	19724.8
-12.5°	529.8	580.0	671.0	846.2	1239.9	2082.2	3738.3	6327.0	9320.2	12398.2	14875.6
-15°	514.8	557.2	630.4	773.5	1060.0	1629.0	2661.5	4484.5	6935.6	9130.4	11088.0
-17.5°	497.1	538.5	592.9	683.2	852.9	1218.2	1901.9	2973.1	4431.9	6035.0	7371.8
-20°	476.9	515.9	558.8	625.5	738.9	920.5	1273.5	1898.9	2597.3	3591.8	4426.5



REPORT NUMBER: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	455.6	490.9	530.1	574.2	640.8	755.7	918.7	1207.9	1610.4	2007.9	2449.9
-25°	434.0	464.1	499.5	537.9	579.2	640.1	735.4	848.0	1047.6	1202.4	1437.2
-27.5°	414.7	440.3	470.1	503.2	537.0	571.0	623.1	680.1	764.9	832.6	947.4
-30°	396.5	417.6	442.9	470.9	499.0	527.5	557.4	590.6	622.3	656.3	704.8
-32.5°	382.3	396.9	416.5	439.6	462.1	485.9	509.7	533.7	551.7	570.2	588.9
-35°	369.5	381.1	393.3	411.4	429.7	448.1	467.8	489.3	507.5	520.9	530.5
-37.5°	359.1	367.7	377.6	387.8	402.2	417.1	433.6	449.7	463.8	476.5	486.8
-40°	350.0	355.9	364.2	372.1	380.9	388.9	401.9	415.0	424.9	433.3	440.9
-42.5°	342.0	347.5	352.9	359.4	365.4	371.1	377.3	382.7	388.4	394.5	398.6
-45°	334.1	339.6	344.4	349.2	353.4	357.8	361.5	364.0	366.6	368.3	369.2
-47.5°	327.5	332.1	336.7	340.8	344.4	347.7	350.4	352.0	353.2	353.6	353.6
-50°	319.9	325.3	329.5	333.5	337.0	339.9	342.3	343.4	344.1	344.2	343.9
-52.5°	310.6	316.1	321.3	326.0	329.5	332.7	335.5	336.2	336.6	336.9	336.9
-55°	300.3	306.1	311.2	316.1	320.5	324.3	327.1	328.4	329.2	329.6	330.0
-57.5°	287.6	294.7	300.8	305.3	309.7	314.1	317.3	319.3	320.8	321.9	322.7
-60°	272.8	280.2	286.3	291.6	296.7	301.3	305.0	308.1	310.6	312.7	314.6
-62.5°	255.6	262.8	269.0	274.8	280.2	284.8	289.6	293.8	297.5	300.8	303.8
-65°	233.0	240.4	247.7	254.6	260.9	265.5	270.3	274.9	279.2	282.6	285.1
-67.5°	208.8	215.5	222.3	229.0	235.0	240.4	245.8	250.6	254.9	257.9	259.7
-70°	182.1	188.7	194.6	200.1	205.1	210.3	215.6	220.5	224.9	227.8	229.5
-72.5°	153.0	159.3	164.9	169.7	174.0	178.2	182.2	186.0	189.5	192.2	194.1
-75°	122.1	127.4	132.2	136.6	140.7	144.3	147.5	150.4	152.8	155.2	157.2
-77.5°	91.2	95.6	99.8	103.5	106.9	109.7	112.2	114.3	116.1	118.3	120.3
-80°	63.8	66.9	69.9	72.7	75.3	77.3	79.0	80.4	81.6	82.8	83.9
-82.5°	40.8	42.9	44.8	46.5	48.1	49.3	50.5	51.5	52.4	53.1	53.7
-85°	23.2	24.2	25.2	26.2	27.2	27.9	28.6	29.1	29.6	30.0	30.4
-87.5°	10.5	10.4	10.3	10.2	10.0	10.2	10.3	10.5	10.6	10.7	10.8
-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: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.5
85°	30.7	30.8	31.0	31.0	31.0	30.8	30.7	30.4	30.0	29.6	29.1
82.5°	54.2	54.5	54.7	54.8	54.7	54.5	54.2	53.7	53.1	52.4	51.5
80°	84.7	85.3	85.7	85.8	85.7	85.3	84.7	83.9	82.8	81.6	80.4
77.5°	122.0	123.4	124.0	124.2	124.0	123.4	122.0	120.3	118.3	116.1	114.3
75°	158.8	159.8	160.5	160.7	160.5	159.8	158.8	157.2	155.2	152.8	150.4
72.5°	195.4	196.2	197.8	199.0	197.8	196.2	195.4	194.1	192.2	189.5	186.0
70°	230.5	230.9	232.5	233.7	232.5	230.9	230.5	229.5	227.8	224.9	220.5
67.5°	261.1	262.0	261.9	261.1	261.9	262.0	261.1	259.7	257.9	254.9	250.6
65°	287.3	289.1	289.2	288.5	289.2	289.1	287.3	285.1	282.6	279.2	274.9
62.5°	306.6	309.2	310.2	310.4	310.2	309.2	306.6	303.8	300.8	297.5	293.8
60°	316.1	317.2	317.6	317.7	317.6	317.2	316.1	314.6	312.7	310.6	308.1
57.5°	323.0	323.0	323.1	323.2	323.1	323.0	323.0	322.7	321.9	320.8	319.3
55°	330.2	330.3	329.7	328.7	329.7	330.3	330.2	330.0	329.6	329.2	328.4
52.5°	336.7	336.1	335.2	334.2	335.2	336.1	336.7	336.9	336.9	336.6	336.2
50°	343.1	341.9	341.4	341.5	341.4	341.9	343.1	343.9	344.2	344.1	343.4
47.5°	353.3	352.5	352.2	352.4	352.2	352.5	353.3	353.6	353.6	353.2	352.0
45°	369.5	368.9	368.5	368.9	368.5	368.9	369.5	369.2	368.3	366.6	364.0
42.5°	400.9	401.1	400.9	401.7	400.9	401.1	400.9	398.6	394.5	388.4	382.7
40°	444.0	443.7	442.2	441.9	442.2	443.7	444.0	440.9	433.3	424.9	415.0
37.5°	491.0	491.1	489.5	489.4	489.5	491.1	491.0	486.8	476.5	463.8	449.7
35°	535.4	537.1	536.8	535.0	536.8	537.1	535.4	530.5	520.9	507.5	489.3
32.5°	602.1	612.3	617.7	615.4	617.7	612.3	602.1	588.9	570.2	551.7	533.7
30°	735.4	761.7	775.5	781.6	775.5	761.7	735.4	704.8	656.3	622.3	590.6
27.5°	1029.6	1087.6	1113.7	1123.0	1113.7	1087.6	1029.6	947.4	832.6	764.9	680.1
25°	1642.4	1773.5	1838.2	1859.0	1838.2	1773.5	1642.4	1437.2	1202.4	1047.6	848.0
22.5°	2936.8	3189.2	3361.9	3400.2	3361.9	3189.2	2936.8	2449.9	2007.9	1610.4	1207.9
20°	5265.7	5754.0	6018.8	5995.0	6018.8	5754.0	5265.7	4426.5	3591.8	2597.3	1898.9
17.5°	8508.1	9134.2	9432.3	9293.0	9432.3	9134.2	8508.1	7371.8	6035.0	4431.9	2973.1
15°	12472.5	13318.4	13687.4	13801.6	13687.4	13318.4	12472.5	11088.0	9130.4	6935.6	4484.5
12.5°	17348.7	20121.9	21448.2	21803.5	21448.2	20121.9	17348.7	14875.6	12398.2	9320.2	6327.0
10°	24305.7	33627.6	39172.5	40526.4	39172.5	33627.6	24305.7	19724.8	15246.4	11505.2	7901.3
7.5°	39693.2	58636.3	79856.8	89905.6	79856.8	58636.3	39693.2	25395.0	18552.5	13445.4	9306.8
5°	60532.0	105058.3	154190.3	173450.9	154190.3	105058.3	60532.0	36586.4	22504.1	15119.5	10371.7
2.5°	85865.2	158629.9	226518.3	251825.6	226518.3	158629.9	85865.2	44339.1	25291.6	16138.1	10981.5
0°	96568.1	182882.6	249574.1	271252.5	249574.1	182882.6	96568.1	46824.5	25541.5	16482.3	11155.6
-2.5°	85865.2	158629.9	226518.3	251825.6	226518.3	158629.9	85865.2	44339.1	25291.6	16138.1	10981.5
-5°	60532.0	105058.3	154190.3	173450.9	154190.3	105058.3	60532.0	36586.4	22504.1	15119.5	10371.7
-7.5°	39693.2	58636.3	79856.8	89905.6	79856.8	58636.3	39693.2	25395.0	18552.5	13445.4	9306.8
-10°	24305.7	33627.6	39172.5	40526.4	39172.5	33627.6	24305.7	19724.8	15246.4	11505.2	7901.3
-12.5°	17348.7	20121.9	21448.2	21803.5	21448.2	20121.9	17348.7	14875.6	12398.2	9320.2	6327.0
-15°	12472.5	13318.4	13687.4	13801.6	13687.4	13318.4	12472.5	11088.0	9130.4	6935.6	4484.5
-17.5°	8508.1	9134.2	9432.3	9293.0	9432.3	9134.2	8508.1	7371.8	6035.0	4431.9	2973.1
-20°	5265.7	5754.0	6018.8	5995.0	6018.8	5754.0	5265.7	4426.5	3591.8	2597.3	1898.9



REPORT NUMBER: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	2936.8	3189.2	3361.9	3400.2	3361.9	3189.2	2936.8	2449.9	2007.9	1610.4	1207.9
-25°	1642.4	1773.5	1838.2	1859.0	1838.2	1773.5	1642.4	1437.2	1202.4	1047.6	848.0
-27.5°	1029.6	1087.6	1113.7	1123.0	1113.7	1087.6	1029.6	947.4	832.6	764.9	680.1
-30°	735.4	761.7	775.5	781.6	775.5	761.7	735.4	704.8	656.3	622.3	590.6
-32.5°	602.1	612.3	617.7	615.4	617.7	612.3	602.1	588.9	570.2	551.7	533.7
-35°	535.4	537.1	536.8	535.0	536.8	537.1	535.4	530.5	520.9	507.5	489.3
-37.5°	491.0	491.1	489.5	489.4	489.5	491.1	491.0	486.8	476.5	463.8	449.7
-40°	444.0	443.7	442.2	441.9	442.2	443.7	444.0	440.9	433.3	424.9	415.0
-42.5°	400.9	401.1	400.9	401.7	400.9	401.1	400.9	398.6	394.5	388.4	382.7
-45°	369.5	368.9	368.5	368.9	368.5	368.9	369.5	369.2	368.3	366.6	364.0
-47.5°	353.3	352.5	352.2	352.4	352.2	352.5	353.3	353.6	353.6	353.2	352.0
-50°	343.1	341.9	341.4	341.5	341.4	341.9	343.1	343.9	344.2	344.1	343.4
-52.5°	336.7	336.1	335.2	334.2	335.2	336.1	336.7	336.9	336.9	336.6	336.2
-55°	330.2	330.3	329.7	328.7	329.7	330.3	330.2	330.0	329.6	329.2	328.4
-57.5°	323.0	323.0	323.1	323.2	323.1	323.0	323.0	322.7	321.9	320.8	319.3
-60°	316.1	317.2	317.6	317.7	317.6	317.2	316.1	314.6	312.7	310.6	308.1
-62.5°	306.6	309.2	310.2	310.4	310.2	309.2	306.6	303.8	300.8	297.5	293.8
-65°	287.3	289.1	289.2	288.5	289.2	289.1	287.3	285.1	282.6	279.2	274.9
-67.5°	261.1	262.0	261.9	261.1	261.9	262.0	261.1	259.7	257.9	254.9	250.6
-70°	230.5	230.9	232.5	233.7	232.5	230.9	230.5	229.5	227.8	224.9	220.5
-72.5°	195.4	196.2	197.8	199.0	197.8	196.2	195.4	194.1	192.2	189.5	186.0
-75°	158.8	159.8	160.5	160.7	160.5	159.8	158.8	157.2	155.2	152.8	150.4
-77.5°	122.0	123.4	124.0	124.2	124.0	123.4	122.0	120.3	118.3	116.1	114.3
-80°	84.7	85.3	85.7	85.8	85.7	85.3	84.7	83.9	82.8	81.6	80.4
-82.5°	54.2	54.5	54.7	54.8	54.7	54.5	54.2	53.7	53.1	52.4	51.5
-85°	30.7	30.8	31.0	31.0	31.0	30.8	30.7	30.4	30.0	29.6	29.1
-87.5°	10.9	11.0	11.0	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.5
-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: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	10.3	10.2	10.0	10.2	10.3	10.4	10.5	10.2	9.8	9.4	9.0
85°	28.6	27.9	27.2	26.2	25.2	24.2	23.2	22.1	21.0	19.9	18.8
82.5°	50.5	49.3	48.1	46.5	44.8	42.9	40.8	38.6	36.1	33.4	30.7
80°	79.0	77.3	75.3	72.7	69.9	66.9	63.8	60.5	56.8	53.2	50.0
77.5°	112.2	109.7	106.9	103.5	99.8	95.6	91.2	87.3	83.4	78.9	73.8
75°	147.5	144.3	140.7	136.6	132.2	127.4	122.1	116.4	110.6	104.9	98.7
72.5°	182.2	178.2	174.0	169.7	164.9	159.3	153.0	145.9	138.5	130.7	122.9
70°	215.6	210.3	205.1	200.1	194.6	188.7	182.1	174.9	167.0	158.3	148.5
67.5°	245.8	240.4	235.0	229.0	222.3	215.5	208.8	202.0	193.8	184.6	173.7
65°	270.3	265.5	260.9	254.6	247.7	240.4	233.0	225.2	216.9	208.4	198.2
62.5°	289.6	284.8	280.2	274.8	269.0	262.8	255.6	246.9	238.0	228.8	218.2
60°	305.0	301.3	296.7	291.6	286.3	280.2	272.8	265.3	257.8	247.7	237.1
57.5°	317.3	314.1	309.7	305.3	300.8	294.7	287.6	280.3	272.1	263.9	254.8
55°	327.1	324.3	320.5	316.1	311.2	306.1	300.3	293.3	285.4	277.7	268.5
52.5°	335.5	332.7	329.5	326.0	321.3	316.1	310.6	304.1	297.6	289.7	281.2
50°	342.3	339.9	337.0	333.5	329.5	325.3	319.9	313.8	307.9	300.7	292.4
47.5°	350.4	347.7	344.4	340.8	336.7	332.1	327.5	322.9	317.1	310.8	302.5
45°	361.5	357.8	353.4	349.2	344.4	339.6	334.1	329.8	325.3	319.0	312.2
42.5°	377.3	371.1	365.4	359.4	352.9	347.5	342.0	336.9	332.1	326.6	319.5
40°	401.9	388.9	380.9	372.1	364.2	355.9	350.0	343.9	338.7	333.3	326.3
37.5°	433.6	417.1	402.2	387.8	377.6	367.7	359.1	351.8	344.7	339.0	332.1
35°	467.8	448.1	429.7	411.4	393.3	381.1	369.5	360.4	352.2	344.3	337.6
32.5°	509.7	485.9	462.1	439.6	416.5	396.9	382.3	369.6	359.3	350.5	342.7
30°	557.4	527.5	499.0	470.9	442.9	417.6	396.5	380.4	367.0	356.4	347.9
27.5°	623.1	571.0	537.0	503.2	470.1	440.3	414.7	392.0	375.2	362.8	352.8
25°	735.4	640.1	579.2	537.9	499.5	464.1	434.0	407.4	385.4	369.0	356.5
22.5°	918.7	755.7	640.8	574.2	530.1	490.9	455.6	423.6	394.8	374.9	360.8
20°	1273.5	920.5	738.9	625.5	558.8	515.9	476.9	440.6	407.2	381.4	364.5
17.5°	1901.9	1218.2	852.9	683.2	592.9	538.5	497.1	456.3	418.9	386.8	367.5
15°	2661.5	1629.0	1060.0	773.5	630.4	557.2	514.8	470.4	430.2	393.9	371.4
12.5°	3738.3	2082.2	1239.9	846.2	671.0	580.0	529.8	484.5	440.7	401.5	374.8
10°	4635.8	2621.4	1525.7	981.0	725.3	604.2	540.7	492.8	446.6	406.9	377.1
7.5°	5761.7	3221.9	1780.6	1081.0	766.4	621.5	547.2	497.3	449.8	410.3	378.2
5°	6472.5	3618.9	1951.0	1156.3	796.9	633.1	552.0	499.0	450.4	411.7	378.4
2.5°	6972.8	3823.0	2028.6	1197.6	814.2	638.3	554.2	500.2	452.6	412.9	380.4
0°	7056.0	3979.0	2039.7	1207.0	816.3	635.5	553.3	500.3	454.7	412.7	381.7
-2.5°	6972.8	3823.0	2028.6	1197.6	814.2	638.3	554.2	500.2	452.6	412.9	380.4
-5°	6472.5	3618.9	1951.0	1156.3	796.9	633.1	552.0	499.0	450.4	411.7	378.4
-7.5°	5761.7	3221.9	1780.6	1081.0	766.4	621.5	547.2	497.3	449.8	410.3	378.2
-10°	4635.8	2621.4	1525.7	981.0	725.3	604.2	540.7	492.8	446.6	406.9	377.1
-12.5°	3738.3	2082.2	1239.9	846.2	671.0	580.0	529.8	484.5	440.7	401.5	374.8
-15°	2661.5	1629.0	1060.0	773.5	630.4	557.2	514.8	470.4	430.2	393.9	371.4
-17.5°	1901.9	1218.2	852.9	683.2	592.9	538.5	497.1	456.3	418.9	386.8	367.5
-20°	1273.5	920.5	738.9	625.5	558.8	515.9	476.9	440.6	407.2	381.4	364.5



REPORT NUMBER: P559144 (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°
-22.5°	918.7	755.7	640.8	574.2	530.1	490.9	455.6	423.6	394.8	374.9	360.8
-25°	735.4	640.1	579.2	537.9	499.5	464.1	434.0	407.4	385.4	369.0	356.5
-27.5°	623.1	571.0	537.0	503.2	470.1	440.3	414.7	392.0	375.2	362.8	352.8
-30°	557.4	527.5	499.0	470.9	442.9	417.6	396.5	380.4	367.0	356.4	347.9
-32.5°	509.7	485.9	462.1	439.6	416.5	396.9	382.3	369.6	359.3	350.5	342.7
-35°	467.8	448.1	429.7	411.4	393.3	381.1	369.5	360.4	352.2	344.3	337.6
-37.5°	433.6	417.1	402.2	387.8	377.6	367.7	359.1	351.8	344.7	339.0	332.1
-40°	401.9	388.9	380.9	372.1	364.2	355.9	350.0	343.9	338.7	333.3	326.3
-42.5°	377.3	371.1	365.4	359.4	352.9	347.5	342.0	336.9	332.1	326.6	319.5
-45°	361.5	357.8	353.4	349.2	344.4	339.6	334.1	329.8	325.3	319.0	312.2
-47.5°	350.4	347.7	344.4	340.8	336.7	332.1	327.5	322.9	317.1	310.8	302.5
-50°	342.3	339.9	337.0	333.5	329.5	325.3	319.9	313.8	307.9	300.7	292.4
-52.5°	335.5	332.7	329.5	326.0	321.3	316.1	310.6	304.1	297.6	289.7	281.2
-55°	327.1	324.3	320.5	316.1	311.2	306.1	300.3	293.3	285.4	277.7	268.5
-57.5°	317.3	314.1	309.7	305.3	300.8	294.7	287.6	280.3	272.1	263.9	254.8
-60°	305.0	301.3	296.7	291.6	286.3	280.2	272.8	265.3	257.8	247.7	237.1
-62.5°	289.6	284.8	280.2	274.8	269.0	262.8	255.6	246.9	238.0	228.8	218.2
-65°	270.3	265.5	260.9	254.6	247.7	240.4	233.0	225.2	216.9	208.4	198.2
-67.5°	245.8	240.4	235.0	229.0	222.3	215.5	208.8	202.0	193.8	184.6	173.7
-70°	215.6	210.3	205.1	200.1	194.6	188.7	182.1	174.9	167.0	158.3	148.5
-72.5°	182.2	178.2	174.0	169.7	164.9	159.3	153.0	145.9	138.5	130.7	122.9
-75°	147.5	144.3	140.7	136.6	132.2	127.4	122.1	116.4	110.6	104.9	98.7
-77.5°	112.2	109.7	106.9	103.5	99.8	95.6	91.2	87.3	83.4	78.9	73.8
-80°	79.0	77.3	75.3	72.7	69.9	66.9	63.8	60.5	56.8	53.2	50.0
-82.5°	50.5	49.3	48.1	46.5	44.8	42.9	40.8	38.6	36.1	33.4	30.7
-85°	28.6	27.9	27.2	26.2	25.2	24.2	23.2	22.1	21.0	19.9	18.8
-87.5°	10.3	10.2	10.0	10.2	10.3	10.4	10.5	10.2	9.8	9.4	9.0
-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: P559144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	8.6	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.9	4.4	3.8
85°	18.1	17.2	16.3	15.2	14.1	12.8	11.8	10.8	9.8	8.7	7.7
82.5°	28.5	27.2	26.0	24.6	23.4	21.9	20.2	18.1	15.6	13.2	11.5
80°	47.0	43.8	40.5	37.1	33.9	31.0	29.0	26.5	23.1	19.7	16.5
77.5°	68.2	62.7	57.2	52.5	47.6	43.1	38.9	35.0	30.4	26.1	22.0
75°	91.7	84.4	77.3	70.1	62.5	54.9	49.3	44.0	38.5	32.6	27.4
72.5°	115.0	106.6	97.7	88.4	79.6	70.6	61.4	53.0	46.8	40.1	33.1
70°	138.6	128.9	119.0	108.2	97.2	86.3	75.9	65.3	55.1	47.6	39.8
67.5°	162.3	150.8	139.5	127.7	115.3	102.8	90.3	78.1	66.4	55.1	46.4
65°	185.6	172.7	159.4	146.6	133.1	119.0	105.1	90.9	77.4	64.7	52.9
62.5°	206.9	194.4	179.9	165.4	150.6	135.4	119.6	104.1	88.4	74.0	60.5
60°	225.8	213.0	199.7	184.3	168.1	151.6	134.5	117.0	100.0	83.1	68.2
57.5°	242.9	230.6	216.9	202.1	185.5	167.6	149.1	130.2	111.4	92.9	75.8
55°	258.6	246.2	233.1	218.1	201.7	183.3	163.5	143.2	122.7	102.8	83.2
52.5°	271.4	260.4	247.5	233.1	216.5	198.2	177.6	155.8	134.0	112.4	91.6
50°	283.0	272.7	260.6	246.2	230.5	211.6	191.3	168.4	145.1	121.8	99.8
47.5°	293.5	283.6	272.0	258.5	242.4	224.5	203.6	180.6	155.7	131.3	107.7
45°	302.9	293.2	282.4	269.1	253.8	235.6	215.0	192.5	166.4	140.4	115.2
42.5°	311.5	301.7	291.2	279.5	263.6	245.9	226.0	202.6	176.7	149.2	122.7
40°	318.2	309.2	299.2	287.2	272.8	255.9	235.3	212.1	186.6	157.7	130.0
37.5°	324.5	315.7	305.8	294.5	281.1	264.0	244.1	221.2	195.6	166.0	137.0
35°	329.8	321.3	311.6	300.6	287.5	271.6	252.5	229.4	203.1	173.8	143.5
32.5°	334.8	326.3	316.3	305.6	293.6	278.8	259.7	236.4	210.1	181.1	149.7
30°	339.4	330.2	320.8	310.0	298.9	284.2	265.7	242.9	216.7	187.8	155.5
27.5°	343.2	333.6	324.7	313.9	302.7	289.1	271.2	249.0	222.8	193.7	161.0
25°	346.7	336.8	327.5	317.4	306.0	293.6	276.4	254.5	228.0	198.6	165.9
22.5°	349.8	339.6	329.9	320.6	309.0	297.8	280.6	258.6	232.5	203.1	170.4
20°	352.6	342.2	331.8	323.1	311.5	300.2	284.0	262.4	236.5	207.1	174.4
17.5°	355.0	344.3	333.7	324.5	313.6	302.3	287.1	265.8	240.0	210.6	177.8
15°	357.2	346.0	335.4	325.7	315.3	304.1	289.8	268.8	243.0	213.6	180.8
12.5°	359.0	347.1	336.7	326.6	316.7	305.5	292.1	271.3	245.5	216.1	183.3
10°	360.5	347.8	337.7	327.2	317.6	306.5	294.1	273.3	247.5	218.1	185.3
7.5°	361.5	348.0	338.3	327.5	318.2	307.3	295.2	274.7	248.9	219.6	186.8
5°	362.4	348.4	339.0	328.1	319.0	308.0	295.9	275.5	249.9	220.6	187.7
2.5°	364.1	349.7	339.5	328.6	319.4	308.4	296.1	275.9	250.3	221.1	188.1
0°	365.2	350.6	339.7	328.7	319.6	308.6	295.8	275.7	250.2	221.0	188.1
-2.5°	364.1	349.7	339.5	328.6	319.4	308.4	296.1	275.9	250.3	221.1	188.1
-5°	362.4	348.4	339.0	328.1	319.0	308.0	295.9	275.5	249.9	220.6	187.7
-7.5°	361.5	348.0	338.3	327.5	318.2	307.3	295.2	274.7	248.9	219.6	186.8
-10°	360.5	347.8	337.7	327.2	317.6	306.5	294.1	273.3	247.5	218.1	185.3
-12.5°	359.0	347.1	336.7	326.6	316.7	305.5	292.1	271.3	245.5	216.1	183.3
-15°	357.2	346.0	335.4	325.7	315.3	304.1	289.8	268.8	243.0	213.6	180.8
-17.5°	355.0	344.3	333.7	324.5	313.6	302.3	287.1	265.8	240.0	210.6	177.8
-20°	352.6	342.2	331.8	323.1	311.5	300.2	284.0	262.4	236.5	207.1	174.4



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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°	349.8	339.6	329.9	320.6	309.0	297.8	280.6	258.6	232.5	203.1	170.4
-25°	346.7	336.8	327.5	317.4	306.0	293.6	276.4	254.5	228.0	198.6	165.9
-27.5°	343.2	333.6	324.7	313.9	302.7	289.1	271.2	249.0	222.8	193.7	161.0
-30°	339.4	330.2	320.8	310.0	298.9	284.2	265.7	242.9	216.7	187.8	155.5
-32.5°	334.8	326.3	316.3	305.6	293.6	278.8	259.7	236.4	210.1	181.1	149.7
-35°	329.8	321.3	311.6	300.6	287.5	271.6	252.5	229.4	203.1	173.8	143.5
-37.5°	324.5	315.7	305.8	294.5	281.1	264.0	244.1	221.2	195.6	166.0	137.0
-40°	318.2	309.2	299.2	287.2	272.8	255.9	235.3	212.1	186.6	157.7	130.0
-42.5°	311.5	301.7	291.2	279.5	263.6	245.9	226.0	202.6	176.7	149.2	122.7
-45°	302.9	293.2	282.4	269.1	253.8	235.6	215.0	192.5	166.4	140.4	115.2
-47.5°	293.5	283.6	272.0	258.5	242.4	224.5	203.6	180.6	155.7	131.3	107.7
-50°	283.0	272.7	260.6	246.2	230.5	211.6	191.3	168.4	145.1	121.8	99.8
-52.5°	271.4	260.4	247.5	233.1	216.5	198.2	177.6	155.8	134.0	112.4	91.6
-55°	258.6	246.2	233.1	218.1	201.7	183.3	163.5	143.2	122.7	102.8	83.2
-57.5°	242.9	230.6	216.9	202.1	185.5	167.6	149.1	130.2	111.4	92.9	75.8
-60°	225.8	213.0	199.7	184.3	168.1	151.6	134.5	117.0	100.0	83.1	68.2
-62.5°	206.9	194.4	179.9	165.4	150.6	135.4	119.6	104.1	88.4	74.0	60.5
-65°	185.6	172.7	159.4	146.6	133.1	119.0	105.1	90.9	77.4	64.7	52.9
-67.5°	162.3	150.8	139.5	127.7	115.3	102.8	90.3	78.1	66.4	55.1	46.4
-70°	138.6	128.9	119.0	108.2	97.2	86.3	75.9	65.3	55.1	47.6	39.8
-72.5°	115.0	106.6	97.7	88.4	79.6	70.6	61.4	53.0	46.8	40.1	33.1
-75°	91.7	84.4	77.3	70.1	62.5	54.9	49.3	44.0	38.5	32.6	27.4
-77.5°	68.2	62.7	57.2	52.5	47.6	43.1	38.9	35.0	30.4	26.1	22.0
-80°	47.0	43.8	40.5	37.1	33.9	31.0	29.0	26.5	23.1	19.7	16.5
-82.5°	28.5	27.2	26.0	24.6	23.4	21.9	20.2	18.1	15.6	13.2	11.5
-85°	18.1	17.2	16.3	15.2	14.1	12.8	11.8	10.8	9.8	8.7	7.7
-87.5°	8.6	8.2	7.8	7.3	6.9	6.4	5.9	5.4	4.9	4.4	3.8
-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):

	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°	3.3	2.9	2.4	1.8	1.3	0.6	0.0
85°	6.6	5.7	4.8	3.7	2.5	1.3	0.0
82.5°	9.9	8.6	7.1	5.5	3.8	1.9	0.0
80°	13.4	11.4	9.5	7.4	5.1	2.5	0.0
77.5°	18.0	14.7	11.8	9.2	6.3	3.2	0.0
75°	22.7	18.5	14.3	11.0	7.5	3.8	0.0
72.5°	27.2	22.3	17.4	12.8	8.8	4.4	0.0
70°	31.9	26.1	20.4	14.7	10.0	5.0	0.0
67.5°	37.7	29.8	23.4	16.9	11.2	5.6	0.0
65°	43.3	34.0	26.3	19.1	12.3	6.2	0.0
62.5°	48.8	38.5	29.2	21.3	13.5	6.7	0.0
60°	54.2	42.9	32.1	23.4	14.6	7.3	0.0
57.5°	60.6	47.3	35.4	25.5	15.9	7.8	0.0
55°	66.9	51.4	38.7	27.5	17.3	8.4	0.0
52.5°	73.1	55.6	41.9	29.5	18.6	8.9	0.0
50°	79.1	60.6	45.0	31.4	19.8	9.4	0.0
47.5°	85.0	65.4	48.0	33.3	21.0	9.9	0.0
45°	91.4	70.0	50.8	35.4	22.2	10.3	0.0
42.5°	97.5	74.4	53.5	37.5	23.3	10.8	0.0
40°	103.4	78.7	56.5	39.4	24.3	11.2	0.0
37.5°	108.9	82.7	59.7	41.1	25.3	11.6	0.0
35°	114.1	86.8	62.7	42.8	26.3	12.0	0.0
32.5°	119.1	90.9	65.6	44.3	27.2	12.3	0.0
30°	124.0	94.7	68.2	45.7	28.0	12.6	0.0
27.5°	128.5	98.1	70.6	47.0	28.8	12.9	0.0
25°	132.7	101.3	72.9	48.1	29.5	13.2	0.0
22.5°	136.5	104.2	74.9	49.2	30.1	13.5	0.0
20°	140.0	106.8	76.8	50.1	30.7	13.7	0.0
17.5°	143.0	109.2	78.4	50.9	31.2	13.9	0.0
15°	145.8	111.2	79.9	51.6	31.6	14.1	0.0
12.5°	148.1	112.9	81.1	52.1	32.0	14.3	0.0
10°	150.0	114.4	82.1	52.5	32.3	14.4	0.0
7.5°	151.5	115.5	82.9	52.8	32.6	14.5	0.0
5°	152.5	116.3	83.5	53.0	32.8	14.5	0.0
2.5°	153.2	116.7	83.9	53.1	32.9	14.6	0.0
0°	153.4	116.9	84.0	53.0	32.9	14.6	0.0
-2.5°	153.2	116.7	83.9	53.1	32.9	14.6	0.0
-5°	152.5	116.3	83.5	53.0	32.8	14.5	0.0
-7.5°	151.5	115.5	82.9	52.8	32.6	14.5	0.0
-10°	150.0	114.4	82.1	52.5	32.3	14.4	0.0
-12.5°	148.1	112.9	81.1	52.1	32.0	14.3	0.0
-15°	145.8	111.2	79.9	51.6	31.6	14.1	0.0
-17.5°	143.0	109.2	78.4	50.9	31.2	13.9	0.0
-20°	140.0	106.8	76.8	50.1	30.7	13.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	136.5	104.2	74.9	49.2	30.1	13.5	0.0
-25°	132.7	101.3	72.9	48.1	29.5	13.2	0.0
-27.5°	128.5	98.1	70.6	47.0	28.8	12.9	0.0
-30°	124.0	94.7	68.2	45.7	28.0	12.6	0.0
-32.5°	119.1	90.9	65.6	44.3	27.2	12.3	0.0
-35°	114.1	86.8	62.7	42.8	26.3	12.0	0.0
-37.5°	108.9	82.7	59.7	41.1	25.3	11.6	0.0
-40°	103.4	78.7	56.5	39.4	24.3	11.2	0.0
-42.5°	97.5	74.4	53.5	37.5	23.3	10.8	0.0
-45°	91.4	70.0	50.8	35.4	22.2	10.3	0.0
-47.5°	85.0	65.4	48.0	33.3	21.0	9.9	0.0
-50°	79.1	60.6	45.0	31.4	19.8	9.4	0.0
-52.5°	73.1	55.6	41.9	29.5	18.6	8.9	0.0
-55°	66.9	51.4	38.7	27.5	17.3	8.4	0.0
-57.5°	60.6	47.3	35.4	25.5	15.9	7.8	0.0
-60°	54.2	42.9	32.1	23.4	14.6	7.3	0.0
-62.5°	48.8	38.5	29.2	21.3	13.5	6.7	0.0
-65°	43.3	34.0	26.3	19.1	12.3	6.2	0.0
-67.5°	37.7	29.8	23.4	16.9	11.2	5.6	0.0
-70°	31.9	26.1	20.4	14.7	10.0	5.0	0.0
-72.5°	27.2	22.3	17.4	12.8	8.8	4.4	0.0
-75°	22.7	18.5	14.3	11.0	7.5	3.8	0.0
-77.5°	18.0	14.7	11.8	9.2	6.3	3.2	0.0
-80°	13.4	11.4	9.5	7.4	5.1	2.5	0.0
-82.5°	9.9	8.6	7.1	5.5	3.8	1.9	0.0
-85°	6.6	5.7	4.8	3.7	2.5	1.3	0.0
-87.5°	3.3	2.9	2.4	1.8	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)