

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: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-930-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

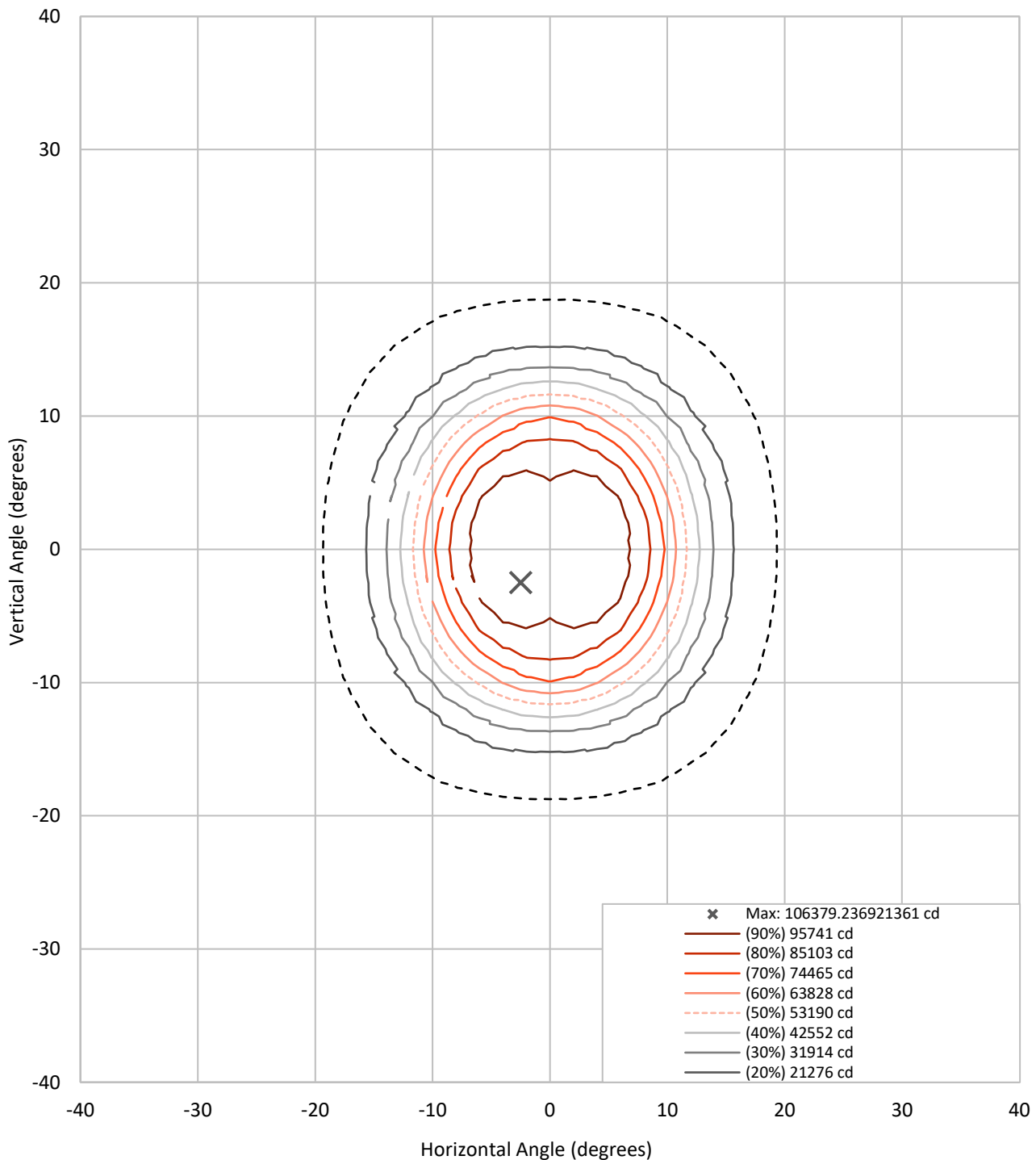
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	20116.2 lumens	Max Intensity:	106379.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	92.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	10860.1 lumens	Field Lumens:	16377.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 217
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





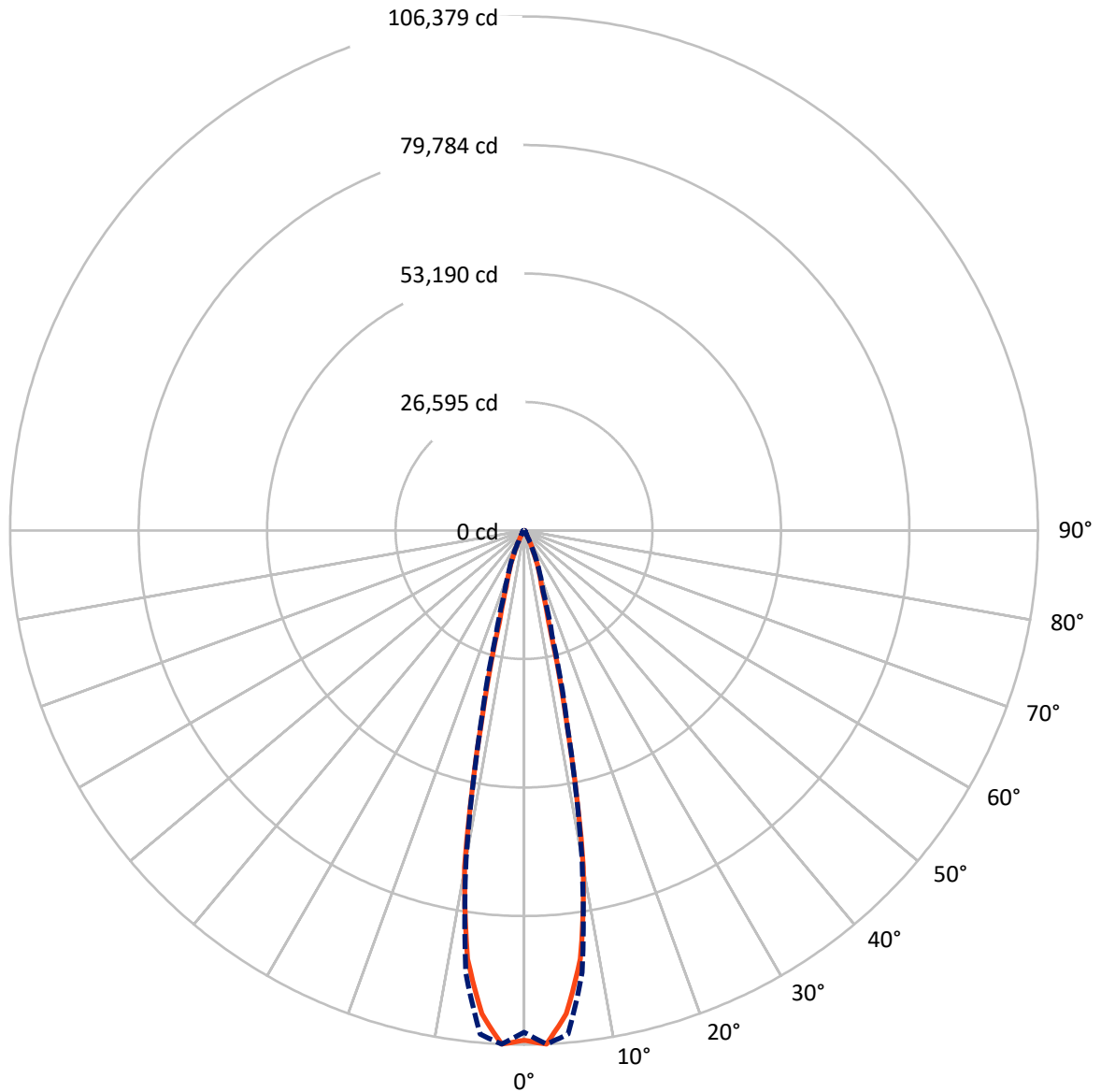
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Lumen Table

90	0.2	2.0		5.4		8.6		10.1		8.6		5.4		2.0		0.2			
80	0.2	2.0		5.4		8.6		10.1		8.6		5.4		2.0		0.2			
70	0.9	1.1	2.2	3.5	4.8	6.0	6.9	7.3	7.3	6.9	6.0	4.8	3.5	2.2	1.1	0.9			
60		1.6	3.2	5.0	6.6	7.9	8.8	9.2	9.2	8.8	7.9	6.6	5.0	3.2	1.6				
50	1.7	2.1	4.0	6.0	7.8	9.5	10.9	11.5	11.5	10.9	9.5	7.8	6.0	4.0	2.1	1.7			
40		2.5	4.7	6.8	9.2	12.5	16.4	19.7	19.7	16.4	12.5	9.2	6.8	4.7	2.5				
30	2.3	2.8	5.1	7.5	11.4	20.6	61.8	120.4	120.4	61.8	20.6	11.4	7.5	5.1	2.8	2.3			
20		3.0	5.3	8.0	14.2	61.0	281.6	724.2	724.2	281.6	61.0	14.2	8.0	5.3	3.0				
10	2.4	3.1	5.4	8.4	17.0	118.9	733.4	2590.9	2590.9	733.4	118.9	17.0	8.4	5.4	3.1	2.4			
0		3.1	5.4	8.4	17.0	118.9	733.4	2590.9	2590.9	733.4	118.9	17.0	8.4	5.4	3.1				
-10	2.3	3.0	5.3	8.0	14.2	61.0	281.6	724.2	724.2	281.6	61.0	14.2	8.0	5.3	3.0	2.3			
-20		2.8	5.1	7.5	11.4	20.6	61.8	120.4	120.4	61.8	20.6	11.4	7.5	5.1	2.8				
-30	1.7	2.5	4.7	6.8	9.2	12.5	16.4	19.7	19.7	16.4	12.5	9.2	6.8	4.7	2.5	1.7			
-40		2.1	4.0	6.0	7.8	9.5	10.9	11.5	11.5	10.9	9.5	7.8	6.0	4.0	2.1				
-50	0.9	1.6	3.2	5.0	6.6	7.9	8.8	9.2	9.2	8.8	7.9	6.6	5.0	3.2	1.6	0.9			
-60		1.1	2.2	3.5	4.8	6.0	6.9	7.3	7.3	6.9	6.0	4.8	3.5	2.2	1.1				
-70	0.2	2.0		5.4		8.6		10.1		8.6		5.4		2.0		0.2			
-80		2.0		5.4		8.6		10.1		8.6		5.4		2.0					
-90	0.2	2.0		5.4		8.6		10.1		8.6		5.4		2.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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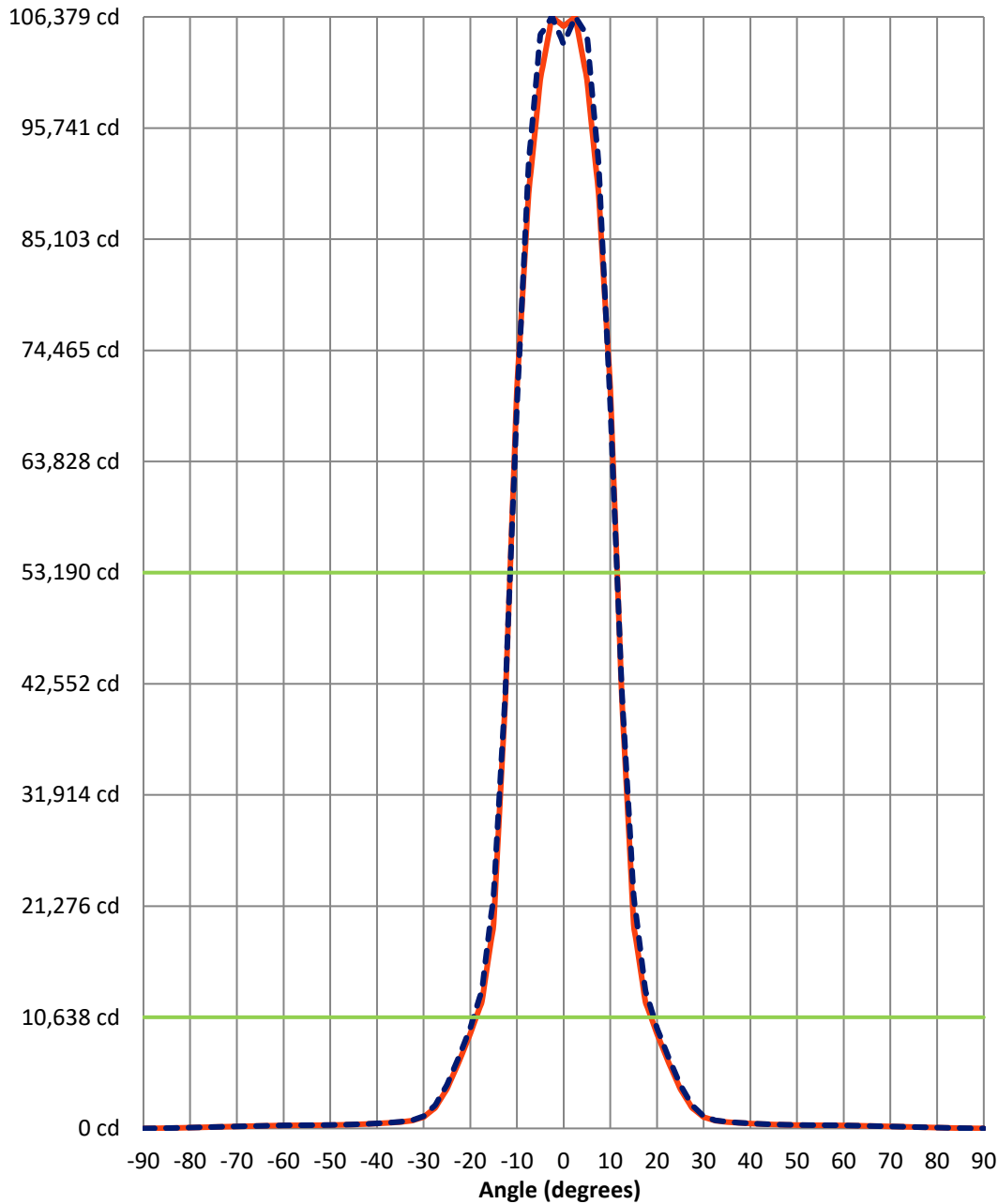
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 10860.1
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 16377.6
Efficiency: 81.4%

Spill:
Lumens: 3738.6
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.7	14.0	16.3
80°	0.0	2.0	3.9	5.9	7.8	9.7	11.8	14.7	17.7	20.9	24.1
77.5°	0.0	2.4	4.9	7.3	9.7	12.6	16.1	19.8	23.7	27.7	32.1
75°	0.0	2.9	5.8	8.8	11.8	16.3	20.4	24.9	29.7	35.3	40.6
72.5°	0.0	3.4	6.8	10.2	14.8	19.9	24.7	30.2	36.9	43.2	49.1
70°	0.0	3.9	7.7	11.7	17.8	23.5	29.1	36.5	44.0	51.0	59.3
67.5°	0.0	4.3	8.6	14.0	20.7	27.1	34.5	42.8	51.0	60.5	69.8
65°	0.0	4.8	9.5	16.2	23.6	31.1	39.9	49.0	59.3	69.8	80.4
62.5°	0.0	5.2	10.4	18.4	26.5	35.4	45.1	55.9	67.5	79.1	91.3
60°	0.0	5.6	11.3	20.5	29.3	39.6	50.2	62.9	75.5	88.8	102.0
57.5°	0.0	6.1	12.7	22.6	32.5	43.6	56.0	69.7	83.8	98.2	112.4
55°	0.0	6.5	14.0	24.6	35.6	47.6	61.7	76.4	92.0	107.4	122.6
52.5°	0.0	6.9	15.4	26.6	38.6	51.6	67.3	83.3	99.9	116.4	132.6
50°	0.0	7.3	16.7	28.6	41.5	56.0	72.6	90.2	107.7	125.0	142.5
47.5°	0.0	7.6	17.9	30.5	44.3	60.4	77.9	96.8	115.1	133.4	152.3
45°	0.0	8.0	19.1	32.5	47.0	64.5	83.4	103.3	122.4	142.0	161.8
42.5°	0.0	8.3	20.2	34.4	49.6	68.5	88.8	109.4	129.4	150.2	170.2
40°	0.0	8.7	21.3	36.2	52.3	72.3	93.9	115.3	136.2	158.2	178.2
37.5°	0.0	9.0	22.3	37.9	55.2	75.9	98.8	120.9	142.9	165.5	185.7
35°	0.0	9.3	23.3	39.5	57.9	79.6	103.5	126.1	149.2	171.8	192.9
32.5°	0.0	9.5	24.2	41.0	60.5	83.3	107.9	131.1	155.1	177.7	199.9
30°	0.0	9.8	25.1	42.4	62.9	86.7	111.8	135.8	160.5	183.2	206.2
27.5°	0.0	10.0	25.8	43.7	65.2	89.9	115.6	140.3	165.4	188.3	211.9
25°	0.0	10.2	26.6	45.0	67.3	92.9	119.0	144.4	169.6	193.1	217.1
22.5°	0.0	10.4	27.2	46.0	69.3	95.6	122.1	148.0	173.4	197.3	221.5
20°	0.0	10.6	27.8	47.0	71.1	98.1	125.0	151.4	176.8	201.0	225.5
17.5°	0.0	10.8	28.4	47.9	72.8	100.2	127.5	154.3	179.9	204.2	229.0
15°	0.0	10.9	28.8	48.7	74.3	102.1	129.6	156.8	182.5	206.9	232.0
12.5°	0.0	11.0	29.2	49.3	75.5	103.7	131.4	158.9	184.8	209.0	234.4
10°	0.0	11.1	29.5	49.9	76.6	105.0	132.9	160.6	186.7	211.3	236.4
7.5°	0.0	11.2	29.8	50.3	77.5	105.9	134.0	162.0	188.1	213.2	238.0
5°	0.0	11.3	30.0	50.6	78.2	106.6	134.8	162.9	189.2	214.7	238.8
2.5°	0.0	11.3	30.1	50.7	78.7	107.1	135.3	163.5	189.8	215.8	239.2
0°	0.0	11.3	30.1	50.8	79.0	107.2	135.5	163.7	190.0	216.4	239.0
-2.5°	0.0	11.3	30.1	50.8	79.0	107.2	135.5	163.7	190.0	216.4	239.0
-5°	0.0	11.3	30.0	50.6	78.2	106.6	134.8	162.9	189.2	214.7	238.8
-7.5°	0.0	11.2	29.8	50.3	77.5	105.9	134.0	162.0	188.1	213.2	238.0
-10°	0.0	11.1	29.5	49.9	76.6	105.0	132.9	160.6	186.7	211.3	236.4
-12.5°	0.0	11.0	29.2	49.3	75.5	103.7	131.4	158.9	184.8	209.0	234.4
-15°	0.0	10.9	28.8	48.7	74.3	102.1	129.6	156.8	182.5	206.9	232.0
-17.5°	0.0	10.8	28.4	47.9	72.8	100.2	127.5	154.3	179.9	204.2	229.0
-20°	0.0	10.6	27.8	47.0	71.1	98.1	125.0	151.4	176.8	201.0	225.5



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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	10.4	27.2	46.0	69.3	95.6	122.1	148.0	173.4	197.3	221.5
-25°	0.0	10.2	26.6	45.0	67.3	92.9	119.0	144.4	169.6	193.1	217.1
-27.5°	0.0	10.0	25.8	43.7	65.2	89.9	115.6	140.3	165.4	188.3	211.9
-30°	0.0	9.8	25.1	42.4	62.9	86.7	111.8	135.8	160.5	183.2	206.2
-32.5°	0.0	9.5	24.2	41.0	60.5	83.3	107.9	131.1	155.1	177.7	199.9
-35°	0.0	9.3	23.3	39.5	57.9	79.6	103.5	126.1	149.2	171.8	192.9
-37.5°	0.0	9.0	22.3	37.9	55.2	75.9	98.8	120.9	142.9	165.5	185.7
-40°	0.0	8.7	21.3	36.2	52.3	72.3	93.9	115.3	136.2	158.2	178.2
-42.5°	0.0	8.3	20.2	34.4	49.6	68.5	88.8	109.4	129.4	150.2	170.2
-45°	0.0	8.0	19.1	32.5	47.0	64.5	83.4	103.3	122.4	142.0	161.8
-47.5°	0.0	7.6	17.9	30.5	44.3	60.4	77.9	96.8	115.1	133.4	152.3
-50°	0.0	7.3	16.7	28.6	41.5	56.0	72.6	90.2	107.7	125.0	142.5
-52.5°	0.0	6.9	15.4	26.6	38.6	51.6	67.3	83.3	99.9	116.4	132.6
-55°	0.0	6.5	14.0	24.6	35.6	47.6	61.7	76.4	92.0	107.4	122.6
-57.5°	0.0	6.1	12.7	22.6	32.5	43.6	56.0	69.7	83.8	98.2	112.4
-60°	0.0	5.6	11.3	20.5	29.3	39.6	50.2	62.9	75.5	88.8	102.0
-62.5°	0.0	5.2	10.4	18.4	26.5	35.4	45.1	55.9	67.5	79.1	91.3
-65°	0.0	4.8	9.5	16.2	23.6	31.1	39.9	49.0	59.3	69.8	80.4
-67.5°	0.0	4.3	8.6	14.0	20.7	27.1	34.5	42.8	51.0	60.5	69.8
-70°	0.0	3.9	7.7	11.7	17.8	23.5	29.1	36.5	44.0	51.0	59.3
-72.5°	0.0	3.4	6.8	10.2	14.8	19.9	24.7	30.2	36.9	43.2	49.1
-75°	0.0	2.9	5.8	8.8	11.8	16.3	20.4	24.9	29.7	35.3	40.6
-77.5°	0.0	2.4	4.9	7.3	9.7	12.6	16.1	19.8	23.7	27.7	32.1
-80°	0.0	2.0	3.9	5.9	7.8	9.7	11.8	14.7	17.7	20.9	24.1
-82.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.2	11.7	14.0	16.3
-85°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.7	8.6	9.5
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.3	4.8
-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°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	9.0
85°	10.4	11.3	12.6	13.8	14.9	15.8	16.7	17.5	18.6	19.8	20.9
82.5°	18.3	20.2	21.9	23.5	24.9	26.1	27.4	29.2	31.7	33.9	35.9
80°	26.7	29.1	31.9	34.7	37.6	40.6	43.5	46.4	49.0	51.5	54.1
77.5°	35.9	39.7	43.6	47.5	51.6	56.0	60.4	64.5	68.4	72.2	75.9
75°	45.5	50.2	56.0	61.7	67.3	72.6	77.9	83.3	88.4	93.4	98.0
72.5°	55.9	62.9	69.7	76.4	83.6	90.6	97.1	103.1	109.3	115.6	121.5
70°	67.5	75.5	84.0	92.8	101.3	109.0	116.6	124.5	132.2	138.9	144.7
67.5°	79.1	89.0	99.0	108.9	118.2	127.1	136.3	145.0	153.0	160.0	166.6
65°	91.3	102.4	113.4	124.0	134.4	145.0	155.0	164.3	173.0	180.9	188.3
62.5°	103.3	115.4	127.3	139.1	151.2	162.8	173.2	183.2	192.7	201.1	209.2
60°	115.0	128.0	141.1	154.4	167.6	179.7	190.9	201.2	211.0	220.3	228.6
57.5°	126.4	140.4	154.7	169.0	182.8	195.9	207.3	218.3	228.3	237.8	246.5
55°	137.7	152.5	167.8	182.9	197.3	210.8	223.0	234.1	244.7	253.4	261.7
52.5°	148.8	164.4	180.4	196.1	210.9	224.8	237.6	248.7	258.4	267.3	274.6
50°	159.7	176.0	192.5	208.5	223.7	237.9	250.7	261.4	270.6	278.8	285.7
47.5°	170.0	187.1	203.6	220.2	235.5	249.7	262.2	272.3	281.3	288.7	295.1
45°	179.7	197.6	214.7	230.8	246.5	260.5	272.1	282.2	290.5	297.9	304.4
42.5°	189.0	207.7	225.0	241.1	256.5	269.9	281.3	290.8	299.3	306.5	313.7
40°	197.9	217.5	234.9	250.8	265.8	278.6	289.2	298.9	307.3	315.5	323.2
37.5°	206.6	226.3	244.4	260.5	273.8	286.2	296.8	306.3	315.7	324.7	335.2
35°	214.9	234.9	253.1	269.0	282.0	292.9	303.7	314.1	324.9	336.3	348.5
32.5°	222.6	243.1	261.6	276.2	288.4	299.4	310.5	323.1	335.9	348.9	363.9
30°	229.4	250.6	269.2	282.8	294.1	305.0	318.2	332.6	347.6	362.6	380.0
27.5°	235.4	257.6	274.9	288.1	299.2	309.7	324.4	343.0	359.3	375.2	394.5
25°	240.9	263.2	280.2	292.6	303.0	314.2	329.5	348.6	369.2	386.6	413.4
22.5°	245.7	268.2	285.0	296.6	305.9	318.1	333.5	352.4	373.5	395.4	432.7
20°	249.7	271.9	289.1	299.9	308.2	320.8	335.8	355.0	378.5	410.2	451.3
17.5°	253.3	275.7	292.2	302.1	311.0	322.9	336.5	356.6	383.9	423.4	468.6
15°	256.4	279.3	294.8	304.0	313.1	324.8	339.7	360.6	392.1	435.7	484.4
12.5°	258.9	282.8	296.9	305.5	314.4	326.3	343.0	366.9	401.8	447.9	501.8
10°	260.9	286.1	298.6	306.7	315.2	327.3	345.9	371.8	409.9	459.3	517.2
7.5°	262.8	288.6	300.0	307.6	315.3	327.8	348.3	375.4	415.8	468.7	530.2
5°	264.1	290.3	301.2	308.2	315.2	328.0	350.1	377.7	419.5	475.7	539.8
2.5°	265.0	291.3	302.2	308.5	314.8	328.0	351.4	381.3	424.1	481.0	545.6
0°	265.3	291.6	302.9	308.6	314.2	327.4	351.9	383.8	427.1	483.6	547.5
-2.5°	265.0	291.3	302.2	308.5	314.8	328.0	351.4	381.3	424.1	481.0	545.6
-5°	264.1	290.3	301.2	308.2	315.2	328.0	350.1	377.7	419.5	475.7	539.8
-7.5°	262.8	288.6	300.0	307.6	315.3	327.8	348.3	375.4	415.8	468.7	530.2
-10°	260.9	286.1	298.6	306.7	315.2	327.3	345.9	371.8	409.9	459.3	517.2
-12.5°	258.9	282.8	296.9	305.5	314.4	326.3	343.0	366.9	401.8	447.9	501.8
-15°	256.4	279.3	294.8	304.0	313.1	324.8	339.7	360.6	392.1	435.7	484.4
-17.5°	253.3	275.7	292.2	302.1	311.0	322.9	336.5	356.6	383.9	423.4	468.6
-20°	249.7	271.9	289.1	299.9	308.2	320.8	335.8	355.0	378.5	410.2	451.3



REPORT NUMBER: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	245.7	268.2	285.0	296.6	305.9	318.1	333.5	352.4	373.5	395.4	432.7
-25°	240.9	263.2	280.2	292.6	303.0	314.2	329.5	348.6	369.2	386.6	413.4
-27.5°	235.4	257.6	274.9	288.1	299.2	309.7	324.4	343.0	359.3	375.2	394.5
-30°	229.4	250.6	269.2	282.8	294.1	305.0	318.2	332.6	347.6	362.6	380.0
-32.5°	222.6	243.1	261.6	276.2	288.4	299.4	310.5	323.1	335.9	348.9	363.9
-35°	214.9	234.9	253.1	269.0	282.0	292.9	303.7	314.1	324.9	336.3	348.5
-37.5°	206.6	226.3	244.4	260.5	273.8	286.2	296.8	306.3	315.7	324.7	335.2
-40°	197.9	217.5	234.9	250.8	265.8	278.6	289.2	298.9	307.3	315.5	323.2
-42.5°	189.0	207.7	225.0	241.1	256.5	269.9	281.3	290.8	299.3	306.5	313.7
-45°	179.7	197.6	214.7	230.8	246.5	260.5	272.1	282.2	290.5	297.9	304.4
-47.5°	170.0	187.1	203.6	220.2	235.5	249.7	262.2	272.3	281.3	288.7	295.1
-50°	159.7	176.0	192.5	208.5	223.7	237.9	250.7	261.4	270.6	278.8	285.7
-52.5°	148.8	164.4	180.4	196.1	210.9	224.8	237.6	248.7	258.4	267.3	274.6
-55°	137.7	152.5	167.8	182.9	197.3	210.8	223.0	234.1	244.7	253.4	261.7
-57.5°	126.4	140.4	154.7	169.0	182.8	195.9	207.3	218.3	228.3	237.8	246.5
-60°	115.0	128.0	141.1	154.4	167.6	179.7	190.9	201.2	211.0	220.3	228.6
-62.5°	103.3	115.4	127.3	139.1	151.2	162.8	173.2	183.2	192.7	201.1	209.2
-65°	91.3	102.4	113.4	124.0	134.4	145.0	155.0	164.3	173.0	180.9	188.3
-67.5°	79.1	89.0	99.0	108.9	118.2	127.1	136.3	145.0	153.0	160.0	166.6
-70°	67.5	75.5	84.0	92.8	101.3	109.0	116.6	124.5	132.2	138.9	144.7
-72.5°	55.9	62.9	69.7	76.4	83.6	90.6	97.1	103.1	109.3	115.6	121.5
-75°	45.5	50.2	56.0	61.7	67.3	72.6	77.9	83.3	88.4	93.4	98.0
-77.5°	35.9	39.7	43.6	47.5	51.6	56.0	60.4	64.5	68.4	72.2	75.9
-80°	26.7	29.1	31.9	34.7	37.6	40.6	43.5	46.4	49.0	51.5	54.1
-82.5°	18.3	20.2	21.9	23.5	24.9	26.1	27.4	29.2	31.7	33.9	35.9
-85°	10.4	11.3	12.6	13.8	14.9	15.8	16.7	17.5	18.6	19.8	20.9
-87.5°	5.2	5.6	6.1	6.5	6.9	7.3	7.6	8.0	8.3	8.7	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: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-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°	9.3	9.1	9.0	8.8	8.5	9.1	9.7	10.3	10.9	11.0	11.1
85°	22.1	22.8	23.4	24.1	24.7	25.4	26.0	26.6	27.0	27.8	28.6
82.5°	37.6	39.1	40.5	41.8	43.1	44.5	45.9	47.2	48.5	49.2	49.8
80°	56.6	59.2	61.5	63.5	65.4	67.6	69.7	71.7	73.4	74.6	75.5
77.5°	79.5	82.7	85.7	88.5	91.1	93.7	95.8	97.6	99.0	100.7	102.3
75°	102.5	106.7	110.7	114.3	117.5	120.3	122.9	125.2	127.3	129.3	130.9
72.5°	126.8	131.6	135.9	139.8	143.5	147.2	150.6	153.7	156.3	158.6	160.4
70°	150.1	155.4	160.6	165.5	170.0	174.1	177.8	181.0	183.9	186.3	188.3
67.5°	172.8	178.7	184.6	190.1	195.0	199.4	203.5	207.4	210.9	213.6	215.4
65°	195.2	201.9	208.2	213.9	218.9	223.4	228.1	232.2	235.6	238.2	239.9
62.5°	217.1	224.2	230.4	236.3	241.9	246.7	250.7	254.4	257.8	260.6	262.4
60°	236.5	244.0	250.1	255.6	260.7	265.4	269.4	273.2	276.9	280.2	282.6
57.5°	253.8	260.7	266.9	271.8	276.4	280.6	284.5	287.7	290.3	292.2	293.9
55°	268.8	275.0	280.7	285.6	289.6	293.0	295.9	298.2	300.0	301.3	302.2
52.5°	281.6	287.3	293.0	297.8	300.9	303.7	306.2	308.9	310.4	310.7	310.6
50°	291.9	298.0	303.1	307.4	311.6	316.3	321.2	323.7	324.7	324.0	323.2
47.5°	301.4	307.3	312.8	318.1	324.2	332.2	340.3	344.1	343.8	342.1	341.3
45°	310.7	317.0	323.6	331.7	340.4	350.6	360.0	366.0	366.0	366.2	367.5
42.5°	320.2	328.3	337.3	348.3	359.6	371.1	381.1	388.5	394.0	400.6	406.2
40°	332.2	341.2	354.5	368.2	382.8	395.2	410.7	424.0	435.0	444.9	452.5
37.5°	346.1	358.9	375.9	393.6	412.5	431.7	449.8	466.8	481.2	497.7	509.9
35°	362.9	381.2	401.9	423.8	447.5	471.7	495.1	522.1	545.8	567.0	584.3
32.5°	382.5	404.5	429.8	459.1	488.6	520.7	554.2	588.9	622.3	657.1	691.8
30°	402.1	431.2	463.6	499.1	533.8	575.7	619.4	676.1	735.4	803.2	907.4
27.5°	426.0	460.9	498.4	539.2	587.0	640.6	724.8	829.6	1008.4	1142.1	1501.0
25°	449.5	489.2	537.5	590.4	654.6	752.6	953.9	1186.7	1705.2	2190.6	2751.4
22.5°	473.2	522.7	580.6	645.1	756.7	1009.1	1392.5	2094.5	2895.4	3745.6	4611.5
20°	497.1	555.4	627.9	735.7	969.3	1401.2	2261.7	3389.6	4527.8	5918.1	7120.4
17.5°	524.0	596.3	691.1	853.2	1238.0	2163.5	3436.3	5001.5	6762.6	8550.1	10050.8
15°	546.3	630.9	757.8	1074.8	1801.3	3029.1	4694.6	6816.3	9217.8	11477.5	13404.9
12.5°	570.9	669.4	836.3	1254.6	2320.9	3935.2	6130.1	8741.1	11622.0	14718.3	19620.7
10°	593.5	708.1	967.9	1627.8	2920.0	4850.8	7415.7	10357.6	13851.5	20050.7	31639.3
7.5°	612.6	738.7	1066.8	1906.0	3462.1	5714.6	8463.7	11739.8	16992.7	27407.7	46908.5
5°	625.7	759.1	1135.6	2114.2	3894.0	6351.8	9133.7	12650.0	20197.5	36400.8	59881.7
2.5°	634.8	770.1	1172.3	2235.5	4167.3	6773.7	9608.4	13262.5	22349.1	41602.6	69113.4
0°	641.6	773.3	1179.7	2340.7	4259.9	6916.7	9631.8	13426.9	23086.9	43633.6	72402.9
-2.5°	634.8	770.1	1172.3	2235.5	4167.3	6773.7	9608.4	13262.5	22349.1	41602.6	69113.4
-5°	625.7	759.1	1135.6	2114.2	3894.0	6351.8	9133.7	12650.0	20197.5	36400.8	59881.7
-7.5°	612.6	738.7	1066.8	1906.0	3462.1	5714.6	8463.7	11739.8	16992.7	27407.7	46908.5
-10°	593.5	708.1	967.9	1627.8	2920.0	4850.8	7415.7	10357.6	13851.5	20050.7	31639.3
-12.5°	570.9	669.4	836.3	1254.6	2320.9	3935.2	6130.1	8741.1	11622.0	14718.3	19620.7
-15°	546.3	630.9	757.8	1074.8	1801.3	3029.1	4694.6	6816.3	9217.8	11477.5	13404.9
-17.5°	524.0	596.3	691.1	853.2	1238.0	2163.5	3436.3	5001.5	6762.6	8550.1	10050.8
-20°	497.1	555.4	627.9	735.7	969.3	1401.2	2261.7	3389.6	4527.8	5918.1	7120.4



REPORT NUMBER: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	473.2	522.7	580.6	645.1	756.7	1009.1	1392.5	2094.5	2895.4	3745.6	4611.5
-25°	449.5	489.2	537.5	590.4	654.6	752.6	953.9	1186.7	1705.2	2190.6	2751.4
-27.5°	426.0	460.9	498.4	539.2	587.0	640.6	724.8	829.6	1008.4	1142.1	1501.0
-30°	402.1	431.2	463.6	499.1	533.8	575.7	619.4	676.1	735.4	803.2	907.4
-32.5°	382.5	404.5	429.8	459.1	488.6	520.7	554.2	588.9	622.3	657.1	691.8
-35°	362.9	381.2	401.9	423.8	447.5	471.7	495.1	522.1	545.8	567.0	584.3
-37.5°	346.1	358.9	375.9	393.6	412.5	431.7	449.8	466.8	481.2	497.7	509.9
-40°	332.2	341.2	354.5	368.2	382.8	395.2	410.7	424.0	435.0	444.9	452.5
-42.5°	320.2	328.3	337.3	348.3	359.6	371.1	381.1	388.5	394.0	400.6	406.2
-45°	310.7	317.0	323.6	331.7	340.4	350.6	360.0	366.0	366.0	366.2	367.5
-47.5°	301.4	307.3	312.8	318.1	324.2	332.2	340.3	344.1	343.8	342.1	341.3
-50°	291.9	298.0	303.1	307.4	311.6	316.3	321.2	323.7	324.7	324.0	323.2
-52.5°	281.6	287.3	293.0	297.8	300.9	303.7	306.2	308.9	310.4	310.7	310.6
-55°	268.8	275.0	280.7	285.6	289.6	293.0	295.9	298.2	300.0	301.3	302.2
-57.5°	253.8	260.7	266.9	271.8	276.4	280.6	284.5	287.7	290.3	292.2	293.9
-60°	236.5	244.0	250.1	255.6	260.7	265.4	269.4	273.2	276.9	280.2	282.6
-62.5°	217.1	224.2	230.4	236.3	241.9	246.7	250.7	254.4	257.8	260.6	262.4
-65°	195.2	201.9	208.2	213.9	218.9	223.4	228.1	232.2	235.6	238.2	239.9
-67.5°	172.8	178.7	184.6	190.1	195.0	199.4	203.5	207.4	210.9	213.6	215.4
-70°	150.1	155.4	160.6	165.5	170.0	174.1	177.8	181.0	183.9	186.3	188.3
-72.5°	126.8	131.6	135.9	139.8	143.5	147.2	150.6	153.7	156.3	158.6	160.4
-75°	102.5	106.7	110.7	114.3	117.5	120.3	122.9	125.2	127.3	129.3	130.9
-77.5°	79.5	82.7	85.7	88.5	91.1	93.7	95.8	97.6	99.0	100.7	102.3
-80°	56.6	59.2	61.5	63.5	65.4	67.6	69.7	71.7	73.4	74.6	75.5
-82.5°	37.6	39.1	40.5	41.8	43.1	44.5	45.9	47.2	48.5	49.2	49.8
-85°	22.1	22.8	23.4	24.1	24.7	25.4	26.0	26.6	27.0	27.8	28.6
-87.5°	9.3	9.1	9.0	8.8	8.5	9.1	9.7	10.3	10.9	11.0	11.1
-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: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-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°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.3
85°	29.3	30.0	29.1	28.2	29.1	30.0	29.3	28.6	27.8	27.0	26.6
82.5°	50.3	50.6	50.7	50.8	50.7	50.6	50.3	49.8	49.2	48.5	47.2
80°	76.2	76.7	77.9	79.0	77.9	76.7	76.2	75.5	74.6	73.4	71.7
77.5°	103.7	104.8	105.3	105.4	105.3	104.8	103.7	102.3	100.7	99.0	97.6
75°	132.1	132.9	135.3	137.4	135.3	132.9	132.1	130.9	129.3	127.3	125.2
72.5°	161.8	162.9	164.4	165.6	164.4	162.9	161.8	160.4	158.6	156.3	153.7
70°	189.9	191.0	191.7	191.9	191.7	191.0	189.9	188.3	186.3	183.9	181.0
67.5°	216.7	217.4	217.2	216.4	217.2	217.4	216.7	215.4	213.6	210.9	207.4
65°	241.1	241.8	241.6	240.8	241.6	241.8	241.1	239.9	238.2	235.6	232.2
62.5°	263.6	264.4	265.0	265.3	265.0	264.4	263.6	262.4	260.6	257.8	254.4
60°	284.8	286.6	287.6	287.9	287.6	286.6	284.8	282.6	280.2	276.9	273.2
57.5°	295.4	296.6	297.2	297.3	297.2	296.6	295.4	293.9	292.2	290.3	287.7
55°	302.7	302.7	302.1	301.1	302.1	302.7	302.7	302.2	301.3	300.0	298.2
52.5°	310.0	308.9	308.5	308.6	308.5	308.9	310.0	310.6	310.7	310.4	308.9
50°	322.2	320.5	319.7	319.9	319.7	320.5	322.2	323.2	324.0	324.7	323.7
47.5°	342.4	343.1	343.8	344.3	343.8	343.1	342.4	341.3	342.1	343.8	344.1
45°	371.3	373.9	375.6	376.3	375.6	373.9	371.3	367.5	366.2	366.0	366.0
42.5°	411.8	415.0	416.2	415.8	416.2	415.0	411.8	406.2	400.6	394.0	388.5
40°	460.5	466.8	470.5	470.4	470.5	466.8	460.5	452.5	444.9	435.0	424.0
37.5°	521.0	529.5	533.7	532.5	533.7	529.5	521.0	509.9	497.7	481.2	466.8
35°	597.5	605.9	609.4	613.4	609.4	605.9	597.5	584.3	567.0	545.8	522.1
32.5°	719.2	736.3	743.2	733.8	743.2	736.3	719.2	691.8	657.1	622.3	588.9
30°	977.8	1040.3	1082.1	1102.6	1082.1	1040.3	977.8	907.4	803.2	735.4	676.1
27.5°	1748.0	1911.5	1980.7	2018.9	1980.7	1911.5	1748.0	1501.0	1142.1	1008.4	829.6
25°	3231.6	3580.6	3781.4	3765.0	3781.4	3580.6	3231.6	2751.4	2190.6	1705.2	1186.7
22.5°	5416.0	5966.5	6296.7	6418.0	6296.7	5966.5	5416.0	4611.5	3745.6	2895.4	2094.5
20°	8124.0	8741.3	9064.1	9112.4	9064.1	8741.3	8124.0	7120.4	5918.1	4527.8	3389.6
17.5°	11231.9	11817.2	12157.3	12153.1	12157.3	11817.2	11231.9	10050.8	8550.1	6762.6	5001.5
15°	16030.1	18295.2	19572.4	19385.8	19572.4	18295.2	16030.1	13404.9	11477.5	9217.8	6816.3
12.5°	26266.4	35313.3	40925.1	42310.9	40925.1	35313.3	26266.4	19620.7	14718.3	11622.0	8741.1
10°	46416.2	59950.9	70760.0	73883.7	70760.0	59950.9	46416.2	31639.3	20050.7	13851.5	10357.6
7.5°	66766.7	82830.2	89441.0	90209.2	89441.0	82830.2	66766.7	46908.5	27407.7	16992.7	11739.8
5°	82127.3	98472.5	100364.4	95612.0	100364.4	98472.5	82127.3	59881.7	36400.8	20197.5	12650.0
2.5°	92266.6	104615.6	106379.2	103821.4	106379.2	104615.6	92266.6	69113.4	41602.6	22349.1	13262.5
0°	94579.0	102982.2	105487.5	105761.2	105487.5	102982.2	94579.0	72402.9	43633.6	23086.9	13426.9
-2.5°	92266.6	104615.6	106379.2	103821.4	106379.2	104615.6	92266.6	69113.4	41602.6	22349.1	13262.5
-5°	82127.3	98472.5	100364.4	95612.0	100364.4	98472.5	82127.3	59881.7	36400.8	20197.5	12650.0
-7.5°	66766.7	82830.2	89441.0	90209.2	89441.0	82830.2	66766.7	46908.5	27407.7	16992.7	11739.8
-10°	46416.2	59950.9	70760.0	73883.7	70760.0	59950.9	46416.2	31639.3	20050.7	13851.5	10357.6
-12.5°	26266.4	35313.3	40925.1	42310.9	40925.1	35313.3	26266.4	19620.7	14718.3	11622.0	8741.1
-15°	16030.1	18295.2	19572.4	19385.8	19572.4	18295.2	16030.1	13404.9	11477.5	9217.8	6816.3
-17.5°	11231.9	11817.2	12157.3	12153.1	12157.3	11817.2	11231.9	10050.8	8550.1	6762.6	5001.5
-20°	8124.0	8741.3	9064.1	9112.4	9064.1	8741.3	8124.0	7120.4	5918.1	4527.8	3389.6



REPORT NUMBER: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5416.0	5966.5	6296.7	6418.0	6296.7	5966.5	5416.0	4611.5	3745.6	2895.4	2094.5
-25°	3231.6	3580.6	3781.4	3765.0	3781.4	3580.6	3231.6	2751.4	2190.6	1705.2	1186.7
-27.5°	1748.0	1911.5	1980.7	2018.9	1980.7	1911.5	1748.0	1501.0	1142.1	1008.4	829.6
-30°	977.8	1040.3	1082.1	1102.6	1082.1	1040.3	977.8	907.4	803.2	735.4	676.1
-32.5°	719.2	736.3	743.2	733.8	743.2	736.3	719.2	691.8	657.1	622.3	588.9
-35°	597.5	605.9	609.4	613.4	609.4	605.9	597.5	584.3	567.0	545.8	522.1
-37.5°	521.0	529.5	533.7	532.5	533.7	529.5	521.0	509.9	497.7	481.2	466.8
-40°	460.5	466.8	470.5	470.4	470.5	466.8	460.5	452.5	444.9	435.0	424.0
-42.5°	411.8	415.0	416.2	415.8	416.2	415.0	411.8	406.2	400.6	394.0	388.5
-45°	371.3	373.9	375.6	376.3	375.6	373.9	371.3	367.5	366.2	366.0	366.0
-47.5°	342.4	343.1	343.8	344.3	343.8	343.1	342.4	341.3	342.1	343.8	344.1
-50°	322.2	320.5	319.7	319.9	319.7	320.5	322.2	323.2	324.0	324.7	323.7
-52.5°	310.0	308.9	308.5	308.6	308.5	308.9	310.0	310.6	310.7	310.4	308.9
-55°	302.7	302.7	302.1	301.1	302.1	302.7	302.7	302.2	301.3	300.0	298.2
-57.5°	295.4	296.6	297.2	297.3	297.2	296.6	295.4	293.9	292.2	290.3	287.7
-60°	284.8	286.6	287.6	287.9	287.6	286.6	284.8	282.6	280.2	276.9	273.2
-62.5°	263.6	264.4	265.0	265.3	265.0	264.4	263.6	262.4	260.6	257.8	254.4
-65°	241.1	241.8	241.6	240.8	241.6	241.8	241.1	239.9	238.2	235.6	232.2
-67.5°	216.7	217.4	217.2	216.4	217.2	217.4	216.7	215.4	213.6	210.9	207.4
-70°	189.9	191.0	191.7	191.9	191.7	191.0	189.9	188.3	186.3	183.9	181.0
-72.5°	161.8	162.9	164.4	165.6	164.4	162.9	161.8	160.4	158.6	156.3	153.7
-75°	132.1	132.9	135.3	137.4	135.3	132.9	132.1	130.9	129.3	127.3	125.2
-77.5°	103.7	104.8	105.3	105.4	105.3	104.8	103.7	102.3	100.7	99.0	97.6
-80°	76.2	76.7	77.9	79.0	77.9	76.7	76.2	75.5	74.6	73.4	71.7
-82.5°	50.3	50.6	50.7	50.8	50.7	50.6	50.3	49.8	49.2	48.5	47.2
-85°	29.3	30.0	29.1	28.2	29.1	30.0	29.3	28.6	27.8	27.0	26.6
-87.5°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.3
-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: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-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°	9.7	9.1	8.5	8.8	9.0	9.1	9.3	9.0	8.7	8.3	8.0
85°	26.0	25.4	24.7	24.1	23.4	22.8	22.1	20.9	19.8	18.6	17.5
82.5°	45.9	44.5	43.1	41.8	40.5	39.1	37.6	35.9	33.9	31.7	29.2
80°	69.7	67.6	65.4	63.5	61.5	59.2	56.6	54.1	51.5	49.0	46.4
77.5°	95.8	93.7	91.1	88.5	85.7	82.7	79.5	75.9	72.2	68.4	64.5
75°	122.9	120.3	117.5	114.3	110.7	106.7	102.5	98.0	93.4	88.4	83.3
72.5°	150.6	147.2	143.5	139.8	135.9	131.6	126.8	121.5	115.6	109.3	103.1
70°	177.8	174.1	170.0	165.5	160.6	155.4	150.1	144.7	138.9	132.2	124.5
67.5°	203.5	199.4	195.0	190.1	184.6	178.7	172.8	166.6	160.0	153.0	145.0
65°	228.1	223.4	218.9	213.9	208.2	201.9	195.2	188.3	180.9	173.0	164.3
62.5°	250.7	246.7	241.9	236.3	230.4	224.2	217.1	209.2	201.1	192.7	183.2
60°	269.4	265.4	260.7	255.6	250.1	244.0	236.5	228.6	220.3	211.0	201.2
57.5°	284.5	280.6	276.4	271.8	266.9	260.7	253.8	246.5	237.8	228.3	218.3
55°	295.9	293.0	289.6	285.6	280.7	275.0	268.8	261.7	253.4	244.7	234.1
52.5°	306.2	303.7	300.9	297.8	293.0	287.3	281.6	274.6	267.3	258.4	248.7
50°	321.2	316.3	311.6	307.4	303.1	298.0	291.9	285.7	278.8	270.6	261.4
47.5°	340.3	332.2	324.2	318.1	312.8	307.3	301.4	295.1	288.7	281.3	272.3
45°	360.0	350.6	340.4	331.7	323.6	317.0	310.7	304.4	297.9	290.5	282.2
42.5°	381.1	371.1	359.6	348.3	337.3	328.3	320.2	313.7	306.5	299.3	290.8
40°	410.7	395.2	382.8	368.2	354.5	341.2	332.2	323.2	315.5	307.3	298.9
37.5°	449.8	431.7	412.5	393.6	375.9	358.9	346.1	335.2	324.7	315.7	306.3
35°	495.1	471.7	447.5	423.8	401.9	381.2	362.9	348.5	336.3	324.9	314.1
32.5°	554.2	520.7	488.6	459.1	429.8	404.5	382.5	363.9	348.9	335.9	323.1
30°	619.4	575.7	533.8	499.1	463.6	431.2	402.1	380.0	362.6	347.6	332.6
27.5°	724.8	640.6	587.0	539.2	498.4	460.9	426.0	394.5	375.2	359.3	343.0
25°	953.9	752.6	654.6	590.4	537.5	489.2	449.5	413.4	386.6	369.2	348.6
22.5°	1392.5	1009.1	756.7	645.1	580.6	522.7	473.2	432.7	395.4	373.5	352.4
20°	2261.7	1401.2	969.3	735.7	627.9	555.4	497.1	451.3	410.2	378.5	355.0
17.5°	3436.3	2163.5	1238.0	853.2	691.1	596.3	524.0	468.6	423.4	383.9	356.6
15°	4694.6	3029.1	1801.3	1074.8	757.8	630.9	546.3	484.4	435.7	392.1	360.6
12.5°	6130.1	3935.2	2320.9	1254.6	836.3	669.4	570.9	501.8	447.9	401.8	366.9
10°	7415.7	4850.8	2920.0	1627.8	967.9	708.1	593.5	517.2	459.3	409.9	371.8
7.5°	8463.7	5714.6	3462.1	1906.0	1066.8	738.7	612.6	530.2	468.7	415.8	375.4
5°	9133.7	6351.8	3894.0	2114.2	1135.6	759.1	625.7	539.8	475.7	419.5	377.7
2.5°	9608.4	6773.7	4167.3	2235.5	1172.3	770.1	634.8	545.6	481.0	424.1	381.3
0°	9631.8	6916.7	4259.9	2340.7	1179.7	773.3	641.6	547.5	483.6	427.1	383.8
-2.5°	9608.4	6773.7	4167.3	2235.5	1172.3	770.1	634.8	545.6	481.0	424.1	381.3
-5°	9133.7	6351.8	3894.0	2114.2	1135.6	759.1	625.7	539.8	475.7	419.5	377.7
-7.5°	8463.7	5714.6	3462.1	1906.0	1066.8	738.7	612.6	530.2	468.7	415.8	375.4
-10°	7415.7	4850.8	2920.0	1627.8	967.9	708.1	593.5	517.2	459.3	409.9	371.8
-12.5°	6130.1	3935.2	2320.9	1254.6	836.3	669.4	570.9	501.8	447.9	401.8	366.9
-15°	4694.6	3029.1	1801.3	1074.8	757.8	630.9	546.3	484.4	435.7	392.1	360.6
-17.5°	3436.3	2163.5	1238.0	853.2	691.1	596.3	524.0	468.6	423.4	383.9	356.6
-20°	2261.7	1401.2	969.3	735.7	627.9	555.4	497.1	451.3	410.2	378.5	355.0



REPORT NUMBER: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1392.5	1009.1	756.7	645.1	580.6	522.7	473.2	432.7	395.4	373.5	352.4
-25°	953.9	752.6	654.6	590.4	537.5	489.2	449.5	413.4	386.6	369.2	348.6
-27.5°	724.8	640.6	587.0	539.2	498.4	460.9	426.0	394.5	375.2	359.3	343.0
-30°	619.4	575.7	533.8	499.1	463.6	431.2	402.1	380.0	362.6	347.6	332.6
-32.5°	554.2	520.7	488.6	459.1	429.8	404.5	382.5	363.9	348.9	335.9	323.1
-35°	495.1	471.7	447.5	423.8	401.9	381.2	362.9	348.5	336.3	324.9	314.1
-37.5°	449.8	431.7	412.5	393.6	375.9	358.9	346.1	335.2	324.7	315.7	306.3
-40°	410.7	395.2	382.8	368.2	354.5	341.2	332.2	323.2	315.5	307.3	298.9
-42.5°	381.1	371.1	359.6	348.3	337.3	328.3	320.2	313.7	306.5	299.3	290.8
-45°	360.0	350.6	340.4	331.7	323.6	317.0	310.7	304.4	297.9	290.5	282.2
-47.5°	340.3	332.2	324.2	318.1	312.8	307.3	301.4	295.1	288.7	281.3	272.3
-50°	321.2	316.3	311.6	307.4	303.1	298.0	291.9	285.7	278.8	270.6	261.4
-52.5°	306.2	303.7	300.9	297.8	293.0	287.3	281.6	274.6	267.3	258.4	248.7
-55°	295.9	293.0	289.6	285.6	280.7	275.0	268.8	261.7	253.4	244.7	234.1
-57.5°	284.5	280.6	276.4	271.8	266.9	260.7	253.8	246.5	237.8	228.3	218.3
-60°	269.4	265.4	260.7	255.6	250.1	244.0	236.5	228.6	220.3	211.0	201.2
-62.5°	250.7	246.7	241.9	236.3	230.4	224.2	217.1	209.2	201.1	192.7	183.2
-65°	228.1	223.4	218.9	213.9	208.2	201.9	195.2	188.3	180.9	173.0	164.3
-67.5°	203.5	199.4	195.0	190.1	184.6	178.7	172.8	166.6	160.0	153.0	145.0
-70°	177.8	174.1	170.0	165.5	160.6	155.4	150.1	144.7	138.9	132.2	124.5
-72.5°	150.6	147.2	143.5	139.8	135.9	131.6	126.8	121.5	115.6	109.3	103.1
-75°	122.9	120.3	117.5	114.3	110.7	106.7	102.5	98.0	93.4	88.4	83.3
-77.5°	95.8	93.7	91.1	88.5	85.7	82.7	79.5	75.9	72.2	68.4	64.5
-80°	69.7	67.6	65.4	63.5	61.5	59.2	56.6	54.1	51.5	49.0	46.4
-82.5°	45.9	44.5	43.1	41.8	40.5	39.1	37.6	35.9	33.9	31.7	29.2
-85°	26.0	25.4	24.7	24.1	23.4	22.8	22.1	20.9	19.8	18.6	17.5
-87.5°	9.7	9.1	8.5	8.8	9.0	9.1	9.3	9.0	8.7	8.3	8.0
-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: P558951 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-NR-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°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
85°	16.7	15.8	14.9	13.8	12.6	11.3	10.4	9.5	8.6	7.7	6.8
82.5°	27.4	26.1	24.9	23.5	21.9	20.2	18.3	16.3	14.0	11.7	10.2
80°	43.5	40.6	37.6	34.7	31.9	29.1	26.7	24.1	20.9	17.7	14.7
77.5°	60.4	56.0	51.6	47.5	43.6	39.7	35.9	32.1	27.7	23.7	19.8
75°	77.9	72.6	67.3	61.7	56.0	50.2	45.5	40.6	35.3	29.7	24.9
72.5°	97.1	90.6	83.6	76.4	69.7	62.9	55.9	49.1	43.2	36.9	30.2
70°	116.6	109.0	101.3	92.8	84.0	75.5	67.5	59.3	51.0	44.0	36.5
67.5°	136.3	127.1	118.2	108.9	99.0	89.0	79.1	69.8	60.5	51.0	42.8
65°	155.0	145.0	134.4	124.0	113.4	102.4	91.3	80.4	69.8	59.3	49.0
62.5°	173.2	162.8	151.2	139.1	127.3	115.4	103.3	91.3	79.1	67.5	55.9
60°	190.9	179.7	167.6	154.4	141.1	128.0	115.0	102.0	88.8	75.5	62.9
57.5°	207.3	195.9	182.8	169.0	154.7	140.4	126.4	112.4	98.2	83.8	69.7
55°	223.0	210.8	197.3	182.9	167.8	152.5	137.7	122.6	107.4	92.0	76.4
52.5°	237.6	224.8	210.9	196.1	180.4	164.4	148.8	132.6	116.4	99.9	83.3
50°	250.7	237.9	223.7	208.5	192.5	176.0	159.7	142.5	125.0	107.7	90.2
47.5°	262.2	249.7	235.5	220.2	203.6	187.1	170.0	152.3	133.4	115.1	96.8
45°	272.1	260.5	246.5	230.8	214.7	197.6	179.7	161.8	142.0	122.4	103.3
42.5°	281.3	269.9	256.5	241.1	225.0	207.7	189.0	170.2	150.2	129.4	109.4
40°	289.2	278.6	265.8	250.8	234.9	217.5	197.9	178.2	158.2	136.2	115.3
37.5°	296.8	286.2	273.8	260.5	244.4	226.3	206.6	185.7	165.5	142.9	120.9
35°	303.7	292.9	282.0	269.0	253.1	234.9	214.9	192.9	171.8	149.2	126.1
32.5°	310.5	299.4	288.4	276.2	261.6	243.1	222.6	199.9	177.7	155.1	131.1
30°	318.2	305.0	294.1	282.8	269.2	250.6	229.4	206.2	183.2	160.5	135.8
27.5°	324.4	309.7	299.2	288.1	274.9	257.6	235.4	211.9	188.3	165.4	140.3
25°	329.5	314.2	303.0	292.6	280.2	263.2	240.9	217.1	193.1	169.6	144.4
22.5°	333.5	318.1	305.9	296.6	285.0	268.2	245.7	221.5	197.3	173.4	148.0
20°	335.8	320.8	308.2	299.9	289.1	271.9	249.7	225.5	201.0	176.8	151.4
17.5°	336.5	322.9	311.0	302.1	292.2	275.7	253.3	229.0	204.2	179.9	154.3
15°	339.7	324.8	313.1	304.0	294.8	279.3	256.4	232.0	206.9	182.5	156.8
12.5°	343.0	326.3	314.4	305.5	296.9	282.8	258.9	234.4	209.0	184.8	158.9
10°	345.9	327.3	315.2	306.7	298.6	286.1	260.9	236.4	211.3	186.7	160.6
7.5°	348.3	327.8	315.3	307.6	300.0	288.6	262.8	238.0	213.2	188.1	162.0
5°	350.1	328.0	315.2	308.2	301.2	290.3	264.1	238.8	214.7	189.2	162.9
2.5°	351.4	328.0	314.8	308.5	302.2	291.3	265.0	239.2	215.8	189.8	163.5
0°	351.9	327.4	314.2	308.6	302.9	291.6	265.3	239.0	216.4	190.0	163.7
-2.5°	351.4	328.0	314.8	308.5	302.2	291.3	265.0	239.2	215.8	189.8	163.5
-5°	350.1	328.0	315.2	308.2	301.2	290.3	264.1	238.8	214.7	189.2	162.9
-7.5°	348.3	327.8	315.3	307.6	300.0	288.6	262.8	238.0	213.2	188.1	162.0
-10°	345.9	327.3	315.2	306.7	298.6	286.1	260.9	236.4	211.3	186.7	160.6
-12.5°	343.0	326.3	314.4	305.5	296.9	282.8	258.9	234.4	209.0	184.8	158.9
-15°	339.7	324.8	313.1	304.0	294.8	279.3	256.4	232.0	206.9	182.5	156.8
-17.5°	336.5	322.9	311.0	302.1	292.2	275.7	253.3	229.0	204.2	179.9	154.3
-20°	335.8	320.8	308.2	299.9	289.1	271.9	249.7	225.5	201.0	176.8	151.4



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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°	333.5	318.1	305.9	296.6	285.0	268.2	245.7	221.5	197.3	173.4	148.0
-25°	329.5	314.2	303.0	292.6	280.2	263.2	240.9	217.1	193.1	169.6	144.4
-27.5°	324.4	309.7	299.2	288.1	274.9	257.6	235.4	211.9	188.3	165.4	140.3
-30°	318.2	305.0	294.1	282.8	269.2	250.6	229.4	206.2	183.2	160.5	135.8
-32.5°	310.5	299.4	288.4	276.2	261.6	243.1	222.6	199.9	177.7	155.1	131.1
-35°	303.7	292.9	282.0	269.0	253.1	234.9	214.9	192.9	171.8	149.2	126.1
-37.5°	296.8	286.2	273.8	260.5	244.4	226.3	206.6	185.7	165.5	142.9	120.9
-40°	289.2	278.6	265.8	250.8	234.9	217.5	197.9	178.2	158.2	136.2	115.3
-42.5°	281.3	269.9	256.5	241.1	225.0	207.7	189.0	170.2	150.2	129.4	109.4
-45°	272.1	260.5	246.5	230.8	214.7	197.6	179.7	161.8	142.0	122.4	103.3
-47.5°	262.2	249.7	235.5	220.2	203.6	187.1	170.0	152.3	133.4	115.1	96.8
-50°	250.7	237.9	223.7	208.5	192.5	176.0	159.7	142.5	125.0	107.7	90.2
-52.5°	237.6	224.8	210.9	196.1	180.4	164.4	148.8	132.6	116.4	99.9	83.3
-55°	223.0	210.8	197.3	182.9	167.8	152.5	137.7	122.6	107.4	92.0	76.4
-57.5°	207.3	195.9	182.8	169.0	154.7	140.4	126.4	112.4	98.2	83.8	69.7
-60°	190.9	179.7	167.6	154.4	141.1	128.0	115.0	102.0	88.8	75.5	62.9
-62.5°	173.2	162.8	151.2	139.1	127.3	115.4	103.3	91.3	79.1	67.5	55.9
-65°	155.0	145.0	134.4	124.0	113.4	102.4	91.3	80.4	69.8	59.3	49.0
-67.5°	136.3	127.1	118.2	108.9	99.0	89.0	79.1	69.8	60.5	51.0	42.8
-70°	116.6	109.0	101.3	92.8	84.0	75.5	67.5	59.3	51.0	44.0	36.5
-72.5°	97.1	90.6	83.6	76.4	69.7	62.9	55.9	49.1	43.2	36.9	30.2
-75°	77.9	72.6	67.3	61.7	56.0	50.2	45.5	40.6	35.3	29.7	24.9
-77.5°	60.4	56.0	51.6	47.5	43.6	39.7	35.9	32.1	27.7	23.7	19.8
-80°	43.5	40.6	37.6	34.7	31.9	29.1	26.7	24.1	20.9	17.7	14.7
-82.5°	27.4	26.1	24.9	23.5	21.9	20.2	18.3	16.3	14.0	11.7	10.2
-85°	16.7	15.8	14.9	13.8	12.6	11.3	10.4	9.5	8.6	7.7	6.8
-87.5°	7.6	7.3	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.4
-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):

	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°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
80°	11.8	9.7	7.8	5.9	3.9	2.0	0.0
77.5°	16.1	12.6	9.7	7.3	4.9	2.4	0.0
75°	20.4	16.3	11.8	8.8	5.8	2.9	0.0
72.5°	24.7	19.9	14.8	10.2	6.8	3.4	0.0
70°	29.1	23.5	17.8	11.7	7.7	3.9	0.0
67.5°	34.5	27.1	20.7	14.0	8.6	4.3	0.0
65°	39.9	31.1	23.6	16.2	9.5	4.8	0.0
62.5°	45.1	35.4	26.5	18.4	10.4	5.2	0.0
60°	50.2	39.6	29.3	20.5	11.3	5.6	0.0
57.5°	56.0	43.6	32.5	22.6	12.7	6.1	0.0
55°	61.7	47.6	35.6	24.6	14.0	6.5	0.0
52.5°	67.3	51.6	38.6	26.6	15.4	6.9	0.0
50°	72.6	56.0	41.5	28.6	16.7	7.3	0.0
47.5°	77.9	60.4	44.3	30.5	17.9	7.6	0.0
45°	83.4	64.5	47.0	32.5	19.1	8.0	0.0
42.5°	88.8	68.5	49.6	34.4	20.2	8.3	0.0
40°	93.9	72.3	52.3	36.2	21.3	8.7	0.0
37.5°	98.8	75.9	55.2	37.9	22.3	9.0	0.0
35°	103.5	79.6	57.9	39.5	23.3	9.3	0.0
32.5°	107.9	83.3	60.5	41.0	24.2	9.5	0.0
30°	111.8	86.7	62.9	42.4	25.1	9.8	0.0
27.5°	115.6	89.9	65.2	43.7	25.8	10.0	0.0
25°	119.0	92.9	67.3	45.0	26.6	10.2	0.0
22.5°	122.1	95.6	69.3	46.0	27.2	10.4	0.0
20°	125.0	98.1	71.1	47.0	27.8	10.6	0.0
17.5°	127.5	100.2	72.8	47.9	28.4	10.8	0.0
15°	129.6	102.1	74.3	48.7	28.8	10.9	0.0
12.5°	131.4	103.7	75.5	49.3	29.2	11.0	0.0
10°	132.9	105.0	76.6	49.9	29.5	11.1	0.0
7.5°	134.0	105.9	77.5	50.3	29.8	11.2	0.0
5°	134.8	106.6	78.2	50.6	30.0	11.3	0.0
2.5°	135.3	107.1	78.7	50.7	30.1	11.3	0.0
0°	135.5	107.2	79.0	50.8	30.1	11.3	0.0
-2.5°	135.3	107.1	78.7	50.7	30.1	11.3	0.0
-5°	134.8	106.6	78.2	50.6	30.0	11.3	0.0
-7.5°	134.0	105.9	77.5	50.3	29.8	11.2	0.0
-10°	132.9	105.0	76.6	49.9	29.5	11.1	0.0
-12.5°	131.4	103.7	75.5	49.3	29.2	11.0	0.0
-15°	129.6	102.1	74.3	48.7	28.8	10.9	0.0
-17.5°	127.5	100.2	72.8	47.9	28.4	10.8	0.0
-20°	125.0	98.1	71.1	47.0	27.8	10.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.1	95.6	69.3	46.0	27.2	10.4	0.0
-25°	119.0	92.9	67.3	45.0	26.6	10.2	0.0
-27.5°	115.6	89.9	65.2	43.7	25.8	10.0	0.0
-30°	111.8	86.7	62.9	42.4	25.1	9.8	0.0
-32.5°	107.9	83.3	60.5	41.0	24.2	9.5	0.0
-35°	103.5	79.6	57.9	39.5	23.3	9.3	0.0
-37.5°	98.8	75.9	55.2	37.9	22.3	9.0	0.0
-40°	93.9	72.3	52.3	36.2	21.3	8.7	0.0
-42.5°	88.8	68.5	49.6	34.4	20.2	8.3	0.0
-45°	83.4	64.5	47.0	32.5	19.1	8.0	0.0
-47.5°	77.9	60.4	44.3	30.5	17.9	7.6	0.0
-50°	72.6	56.0	41.5	28.6	16.7	7.3	0.0
-52.5°	67.3	51.6	38.6	26.6	15.4	6.9	0.0
-55°	61.7	47.6	35.6	24.6	14.0	6.5	0.0
-57.5°	56.0	43.6	32.5	22.6	12.7	6.1	0.0
-60°	50.2	39.6	29.3	20.5	11.3	5.6	0.0
-62.5°	45.1	35.4	26.5	18.4	10.4	5.2	0.0
-65°	39.9	31.1	23.6	16.2	9.5	4.8	0.0
-67.5°	34.5	27.1	20.7	14.0	8.6	4.3	0.0
-70°	29.1	23.5	17.8	11.7	7.7	3.9	0.0
-72.5°	24.7	19.9	14.8	10.2	6.8	3.4	0.0
-75°	20.4	16.3	11.8	8.8	5.8	2.9	0.0
-77.5°	16.1	12.6	9.7	7.3	4.9	2.4	0.0
-80°	11.8	9.7	7.8	5.9	3.9	2.0	0.0
-82.5°	8.8	7.3	5.9	4.4	2.9	1.5	0.0
-85°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-87.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)