

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: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559048 (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-SA5C-930-U-TS-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

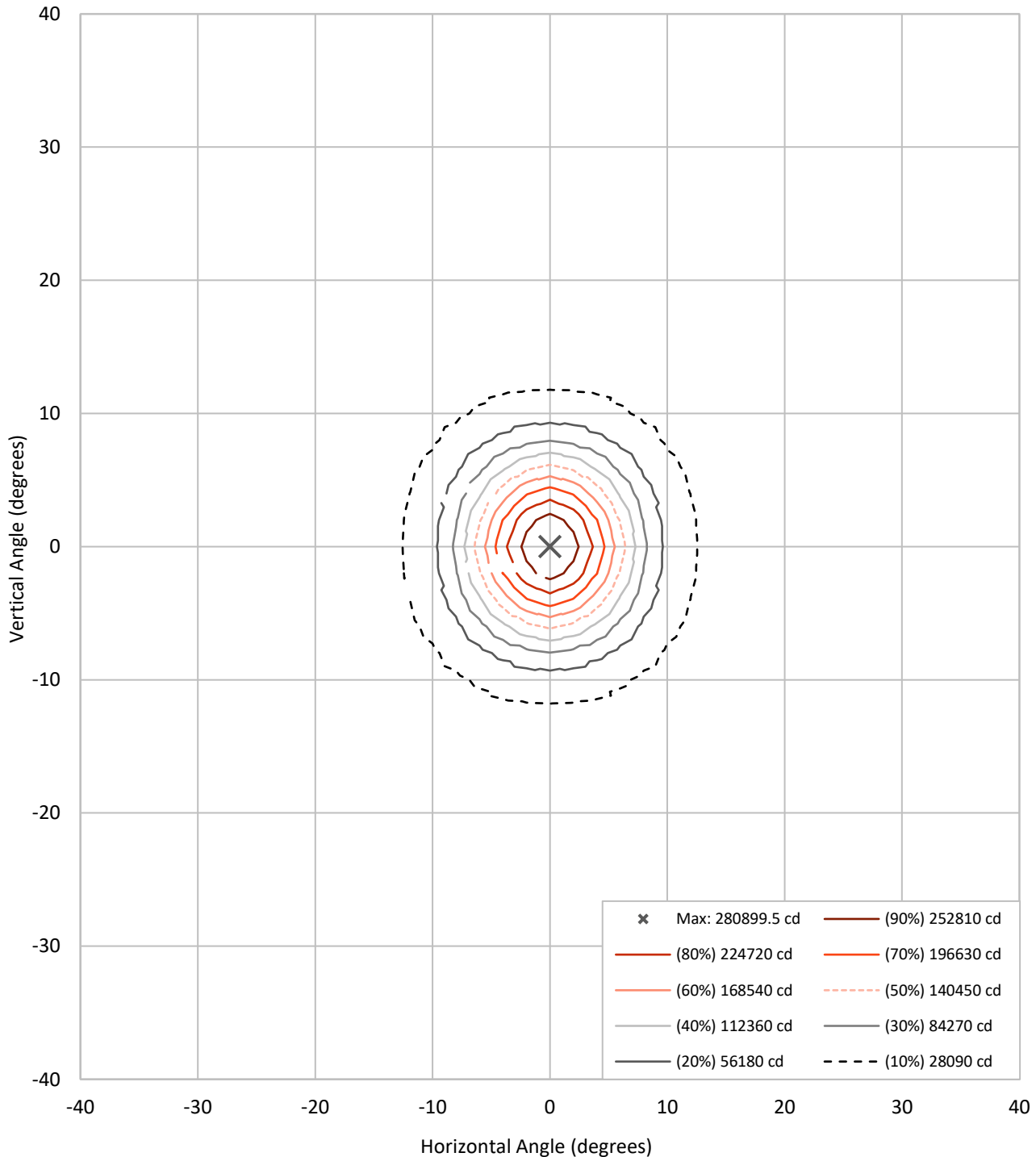
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	20361.5 lumens	Max Intensity:	280899.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6433.9 lumens	Field Lumens:	14253.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 201
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





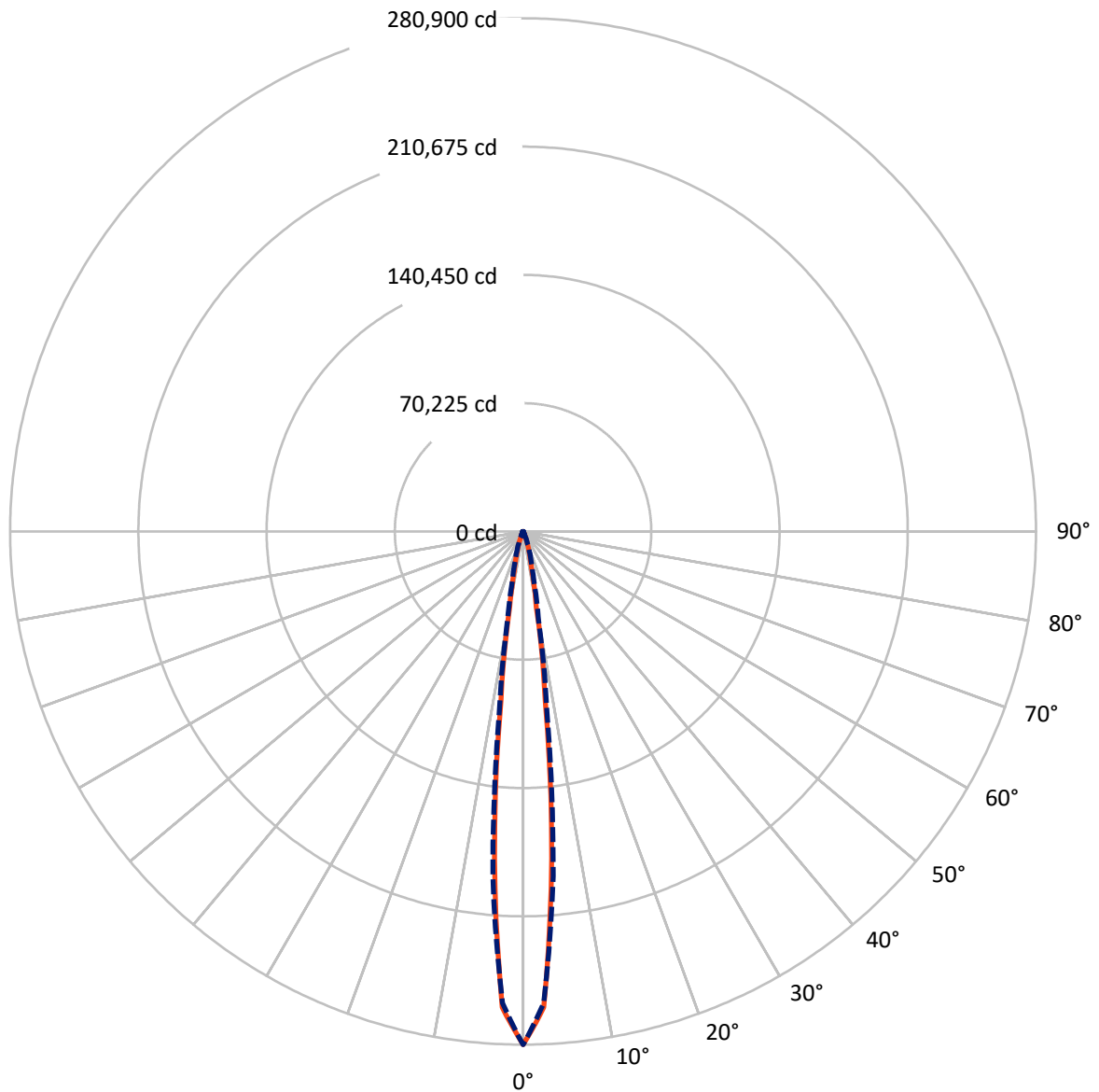
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Lumen Table

90	0.3	2.4		6.5		10.5		12.2		10.5		6.5		2.4		0.3
80	0.3	2.4		6.5		10.5		12.2		10.5		6.5		2.4		0.3
70	1.1	1.2	2.7	4.4	6.0	7.3	8.3	8.9	8.9	8.3	7.3	6.0	4.4	2.7	1.2	1.1
60		1.9	3.9	5.9	7.7	9.1	10.0	10.3	10.3	10.0	9.1	7.7	5.9	3.9	1.9	
50	2.0	2.6	4.8	6.9	8.6	10.2	11.3	11.9	11.9	11.3	10.2	8.6	6.9	4.8	2.6	2.0
40		3.1	5.4	7.5	9.6	12.4	15.5	17.5	17.5	15.5	12.4	9.6	7.5	5.4	3.1	
30	2.6	3.4	5.7	8.0	11.3	17.6	39.1	71.1	71.1	39.1	17.6	11.3	8.0	5.7	3.4	2.6
20		3.6	5.9	8.4	13.4	37.8	213.5	469.7	469.7	213.5	37.8	13.4	8.4	5.9	3.6	
10	2.9	3.6	6.0	8.7	14.9	72.6	512.5	3315.6	3315.6	512.5	72.6	14.9	8.7	6.0	3.6	2.9
0		3.6	6.0	8.7	14.9	72.6	512.5	3315.6	3315.6	512.5	72.6	14.9	8.7	6.0	3.6	
-10	2.6	3.6	5.9	8.4	13.4	37.8	213.5	469.7	469.7	213.5	37.8	13.4	8.4	5.9	3.6	2.6
-20		3.4	5.7	8.0	11.3	17.6	39.1	71.1	71.1	39.1	17.6	11.3	8.0	5.7	3.4	
-30	2.0	3.1	5.4	7.5	9.6	12.4	15.5	17.5	17.5	15.5	12.4	9.6	7.5	5.4	3.1	2.0
-40		2.6	4.8	6.9	8.6	10.2	11.3	11.9	11.9	11.3	10.2	8.6	6.9	4.8	2.6	
-50	1.1	1.9	3.9	5.9	7.7	9.1	10.0	10.3	10.3	10.0	9.1	7.7	5.9	3.9	1.9	1.1
-60		1.2	2.7	4.4	6.0	7.3	8.3	8.9	8.9	8.3	7.3	6.0	4.4	2.7	1.2	
-70	0.3	2.4		6.5		10.5		12.2		10.5		6.5		2.4		0.3
-80		2.4		6.5		10.5		12.2		10.5		6.5		2.4		
-90	0.3	2.4		6.5		10.5		12.2		10.5		6.5		2.4		0.3

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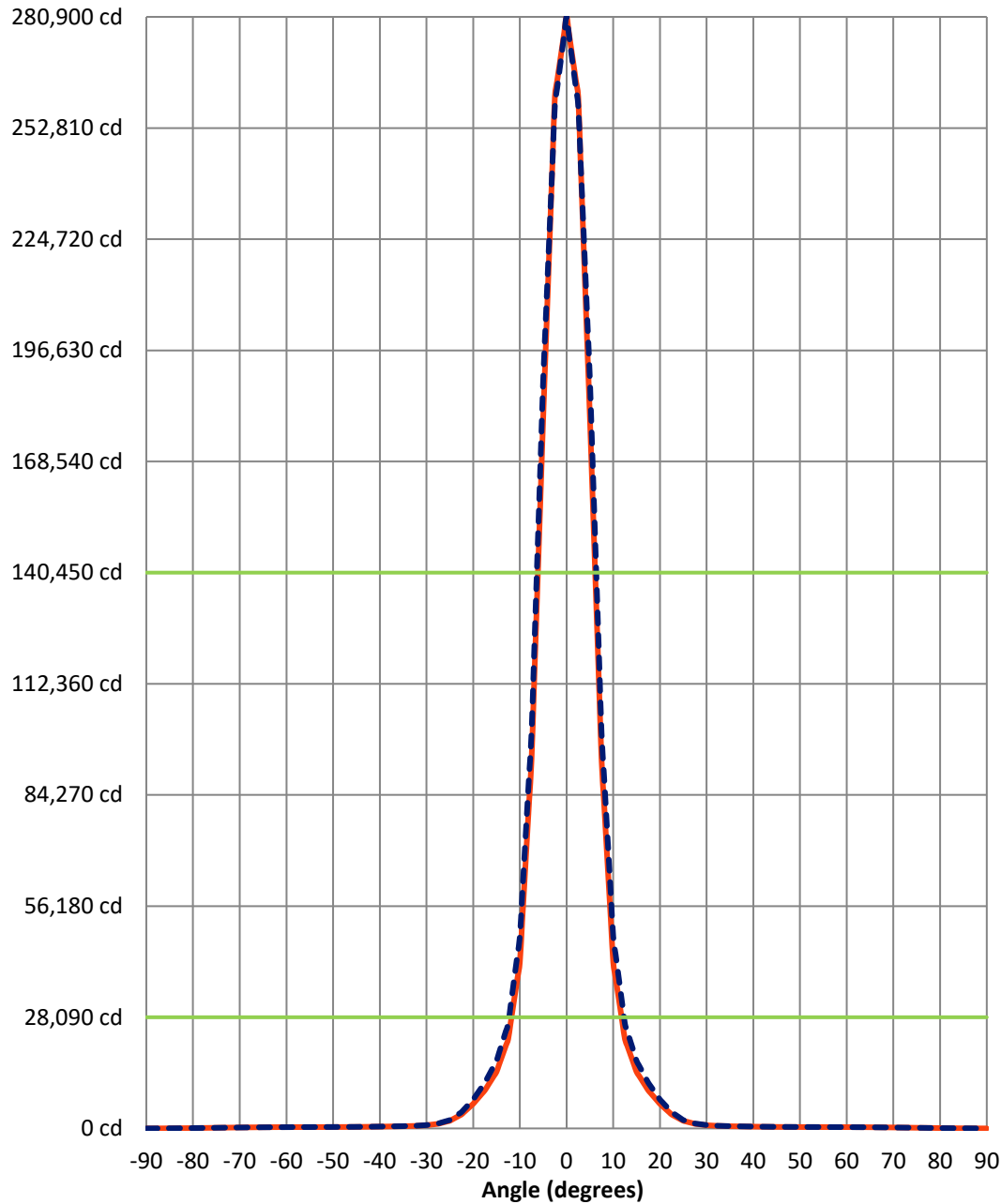
Luminous Intensity Polar Plot



— 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: 6433.9
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 14253.3
Efficiency: 70.0%

Spill:
Lumens: 6108.2
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	1.3	1.9	2.5	3.0	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.3	2.6	3.8	4.9	5.9	6.8	7.9	9.0	10.1	11.1
82.5°	0.0	2.0	3.9	5.7	7.4	8.9	10.2	11.9	13.7	16.1	18.7
80°	0.0	2.6	5.2	7.6	9.8	11.8	13.8	17.0	20.4	23.8	27.4
77.5°	0.0	3.3	6.5	9.5	12.2	15.1	18.6	22.7	27.0	31.4	36.2
75°	0.0	3.9	7.8	11.4	14.8	19.1	23.4	28.3	33.7	39.8	45.5
72.5°	0.0	4.5	9.1	13.2	18.0	23.1	28.2	34.3	41.5	48.4	54.9
70°	0.0	5.2	10.3	15.2	21.1	27.0	33.0	41.2	49.2	57.0	67.6
67.5°	0.0	5.8	11.5	17.5	24.2	30.9	39.0	48.0	57.0	68.7	80.9
65°	0.0	6.4	12.7	19.8	27.2	35.2	44.8	54.8	66.9	80.1	94.1
62.5°	0.0	7.0	13.9	22.0	30.2	39.9	50.5	62.6	76.6	91.5	107.8
60°	0.0	7.5	15.1	24.2	33.2	44.4	56.1	70.7	86.0	103.6	121.2
57.5°	0.0	8.1	16.5	26.3	36.6	48.9	62.7	78.5	96.2	115.4	134.8
55°	0.0	8.7	17.9	28.4	40.1	53.2	69.3	86.2	106.5	127.0	148.3
52.5°	0.0	9.2	19.2	30.5	43.4	57.6	75.7	94.8	116.4	138.8	161.3
50°	0.0	9.7	20.5	32.4	46.6	62.7	81.9	103.3	126.1	150.2	174.3
47.5°	0.0	10.2	21.7	34.4	49.6	67.7	88.0	111.5	135.9	161.2	187.0
45°	0.0	10.7	22.9	36.6	52.6	72.5	94.7	119.3	145.4	172.2	199.3
42.5°	0.0	11.1	24.1	38.7	55.4	77.1	101.0	127.0	154.5	182.9	209.8
40°	0.0	11.6	25.1	40.7	58.4	81.5	107.0	134.6	163.3	193.2	219.7
37.5°	0.0	12.0	26.2	42.5	61.8	85.6	112.7	141.8	171.9	202.5	229.1
35°	0.0	12.4	27.2	44.2	64.9	89.9	118.1	148.6	180.0	210.3	237.6
32.5°	0.0	12.7	28.1	45.8	67.9	94.1	123.2	155.0	187.5	217.6	244.8
30°	0.0	13.1	28.9	47.3	70.6	98.0	128.3	161.0	194.5	224.5	251.5
27.5°	0.0	13.4	29.7	48.6	73.1	101.6	133.1	166.7	200.6	230.8	257.8
25°	0.0	13.7	30.5	49.8	75.4	104.9	137.4	171.8	205.7	236.1	263.5
22.5°	0.0	13.9	31.1	50.9	77.6	107.9	141.3	176.4	210.3	240.8	267.8
20°	0.0	14.2	31.7	51.8	79.5	110.6	144.9	180.6	214.4	244.9	271.7
17.5°	0.0	14.4	32.2	52.6	81.2	113.0	148.1	184.2	218.1	248.5	275.2
15°	0.0	14.6	32.7	53.3	82.7	115.1	150.9	187.3	221.2	251.6	278.3
12.5°	0.0	14.7	33.1	53.9	84.0	116.9	153.3	189.9	223.8	254.2	280.9
10°	0.0	14.9	33.4	54.3	85.1	118.4	155.3	191.9	225.9	256.3	283.0
7.5°	0.0	15.0	33.7	54.6	85.9	119.5	156.8	193.4	227.4	257.8	284.4
5°	0.0	15.0	33.9	54.8	86.5	120.3	157.9	194.4	228.4	258.8	285.3
2.5°	0.0	15.1	34.0	54.9	86.9	120.8	158.6	194.8	228.9	259.2	285.7
0°	0.0	15.1	34.0	54.8	87.0	121.0	158.8	194.8	228.8	259.1	285.5
-2.5°	0.0	15.1	34.0	54.9	86.9	120.8	158.6	194.8	228.9	259.2	285.7
-5°	0.0	15.0	33.9	54.8	86.5	120.3	157.9	194.4	228.4	258.8	285.3
-7.5°	0.0	15.0	33.7	54.6	85.9	119.5	156.8	193.4	227.4	257.8	284.4
-10°	0.0	14.9	33.4	54.3	85.1	118.4	155.3	191.9	225.9	256.3	283.0
-12.5°	0.0	14.7	33.1	53.9	84.0	116.9	153.3	189.9	223.8	254.2	280.9
-15°	0.0	14.6	32.7	53.3	82.7	115.1	150.9	187.3	221.2	251.6	278.3
-17.5°	0.0	14.4	32.2	52.6	81.2	113.0	148.1	184.2	218.1	248.5	275.2
-20°	0.0	14.2	31.7	51.8	79.5	110.6	144.9	180.6	214.4	244.9	271.7



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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	13.9	31.1	50.9	77.6	107.9	141.3	176.4	210.3	240.8	267.8
-25°	0.0	13.7	30.5	49.8	75.4	104.9	137.4	171.8	205.7	236.1	263.5
-27.5°	0.0	13.4	29.7	48.6	73.1	101.6	133.1	166.7	200.6	230.8	257.8
-30°	0.0	13.1	28.9	47.3	70.6	98.0	128.3	161.0	194.5	224.5	251.5
-32.5°	0.0	12.7	28.1	45.8	67.9	94.1	123.2	155.0	187.5	217.6	244.8
-35°	0.0	12.4	27.2	44.2	64.9	89.9	118.1	148.6	180.0	210.3	237.6
-37.5°	0.0	12.0	26.2	42.5	61.8	85.6	112.7	141.8	171.9	202.5	229.1
-40°	0.0	11.6	25.1	40.7	58.4	81.5	107.0	134.6	163.3	193.2	219.7
-42.5°	0.0	11.1	24.1	38.7	55.4	77.1	101.0	127.0	154.5	182.9	209.8
-45°	0.0	10.7	22.9	36.6	52.6	72.5	94.7	119.3	145.4	172.2	199.3
-47.5°	0.0	10.2	21.7	34.4	49.6	67.7	88.0	111.5	135.9	161.2	187.0
-50°	0.0	9.7	20.5	32.4	46.6	62.7	81.9	103.3	126.1	150.2	174.3
-52.5°	0.0	9.2	19.2	30.5	43.4	57.6	75.7	94.8	116.4	138.8	161.3
-55°	0.0	8.7	17.9	28.4	40.1	53.2	69.3	86.2	106.5	127.0	148.3
-57.5°	0.0	8.1	16.5	26.3	36.6	48.9	62.7	78.5	96.2	115.4	134.8
-60°	0.0	7.5	15.1	24.2	33.2	44.4	56.1	70.7	86.0	103.6	121.2
-62.5°	0.0	7.0	13.9	22.0	30.2	39.9	50.5	62.6	76.6	91.5	107.8
-65°	0.0	6.4	12.7	19.8	27.2	35.2	44.8	54.8	66.9	80.1	94.1
-67.5°	0.0	5.8	11.5	17.5	24.2	30.9	39.0	48.0	57.0	68.7	80.9
-70°	0.0	5.2	10.3	15.2	21.1	27.0	33.0	41.2	49.2	57.0	67.6
-72.5°	0.0	4.5	9.1	13.2	18.0	23.1	28.2	34.3	41.5	48.4	54.9
-75°	0.0	3.9	7.8	11.4	14.8	19.1	23.4	28.3	33.7	39.8	45.5
-77.5°	0.0	3.3	6.5	9.5	12.2	15.1	18.6	22.7	27.0	31.4	36.2
-80°	0.0	2.6	5.2	7.6	9.8	11.8	13.8	17.0	20.4	23.8	27.4
-82.5°	0.0	2.0	3.9	5.7	7.4	8.9	10.2	11.9	13.7	16.1	18.7
-85°	0.0	1.3	2.6	3.8	4.9	5.9	6.8	7.9	9.0	10.1	11.1
-87.5°	0.0	0.7	1.3	1.9	2.5	3.0	3.4	4.0	4.5	5.1	5.6
-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°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
85°	12.2	13.2	14.5	15.7	16.8	17.8	18.7	19.5	20.6	21.8	22.9
82.5°	20.8	22.7	24.2	25.5	26.9	28.2	29.6	31.8	34.7	37.4	39.9
80°	30.0	32.1	35.1	38.5	42.0	45.4	48.6	51.7	55.1	58.8	62.6
77.5°	40.3	44.6	49.3	54.4	59.2	64.9	70.6	76.5	81.7	86.3	90.4
75°	51.0	56.8	64.7	72.6	80.0	87.4	95.0	102.3	108.6	114.6	120.5
72.5°	63.5	73.1	82.4	91.5	101.2	110.4	119.1	127.3	135.4	143.5	151.2
70°	78.5	89.4	100.6	112.1	123.2	133.5	143.6	153.8	163.9	173.0	181.1
67.5°	93.5	106.4	119.4	132.3	144.5	156.2	168.1	179.9	191.2	200.7	209.2
65°	108.9	123.3	137.8	151.8	165.0	178.8	192.2	205.2	215.8	224.7	233.2
62.5°	123.9	140.2	156.0	171.2	186.3	201.3	214.3	226.0	236.9	246.5	255.6
60°	139.3	157.0	174.1	190.9	206.8	220.6	233.8	245.5	256.5	266.9	274.7
57.5°	154.4	173.5	192.0	209.3	224.6	238.8	251.4	263.7	273.3	281.7	290.2
55°	169.2	189.7	208.8	225.9	241.3	254.9	267.7	278.0	287.5	295.4	303.7
52.5°	183.8	205.2	224.1	241.3	256.2	269.6	281.0	291.2	300.0	308.1	314.9
50°	198.1	219.1	238.7	254.9	269.7	282.3	293.0	302.8	311.4	318.8	325.0
47.5°	210.8	232.5	250.9	267.6	281.7	293.6	303.9	313.3	321.9	328.4	334.4
45°	222.6	244.0	262.8	278.6	292.4	303.6	313.6	323.3	330.4	336.9	341.6
42.5°	234.0	254.6	272.9	289.4	301.5	312.4	322.6	330.9	338.2	343.9	348.9
40°	243.6	264.9	282.5	297.3	309.8	320.2	329.6	337.9	345.1	350.7	356.2
37.5°	252.7	273.3	291.0	304.9	316.6	326.9	336.1	343.9	351.0	356.9	364.3
35°	261.4	281.2	297.7	311.3	322.6	332.8	341.6	349.6	356.6	364.7	373.2
32.5°	268.8	288.7	304.0	316.4	327.6	337.9	346.7	354.8	363.0	372.1	382.7
30°	275.1	294.3	309.5	321.1	332.2	342.0	351.4	360.2	369.1	380.1	394.0
27.5°	280.8	299.3	313.4	325.1	336.3	345.5	355.4	365.3	375.7	388.6	406.0
25°	286.2	304.0	316.9	328.8	339.2	348.7	359.0	369.2	382.2	399.1	421.9
22.5°	290.6	308.3	320.0	332.1	341.7	351.7	362.2	373.6	388.3	408.9	438.7
20°	294.0	310.8	322.6	334.6	343.7	354.3	365.1	377.5	395.0	421.8	456.3
17.5°	297.2	313.0	324.8	336.0	345.7	356.6	367.7	380.6	400.6	433.8	472.5
15°	300.0	314.9	326.6	337.3	347.4	358.3	369.9	384.7	408.0	445.5	487.2
12.5°	302.4	316.3	327.9	338.2	348.7	359.5	371.8	388.2	415.8	456.4	501.7
10°	304.4	317.4	328.8	338.8	349.7	360.1	373.3	390.5	421.4	462.5	510.4
7.5°	305.7	318.3	329.5	339.2	350.3	360.3	374.4	391.7	424.9	465.8	515.0
5°	306.3	319.0	330.3	339.8	350.9	360.8	375.3	391.8	426.4	466.4	516.8
2.5°	306.6	319.4	330.7	340.3	351.5	362.1	377.0	393.9	427.6	468.7	517.9
0°	306.3	319.6	330.9	340.4	351.7	363.1	378.2	395.2	427.4	470.9	518.1
-2.5°	306.6	319.4	330.7	340.3	351.5	362.1	377.0	393.9	427.6	468.7	517.9
-5°	306.3	319.0	330.3	339.8	350.9	360.8	375.3	391.8	426.4	466.4	516.8
-7.5°	305.7	318.3	329.5	339.2	350.3	360.3	374.4	391.7	424.9	465.8	515.0
-10°	304.4	317.4	328.8	338.8	349.7	360.1	373.3	390.5	421.4	462.5	510.4
-12.5°	302.4	316.3	327.9	338.2	348.7	359.5	371.8	388.2	415.8	456.4	501.7
-15°	300.0	314.9	326.6	337.3	347.4	358.3	369.9	384.7	408.0	445.5	487.2
-17.5°	297.2	313.0	324.8	336.0	345.7	356.6	367.7	380.6	400.6	433.8	472.5
-20°	294.0	310.8	322.6	334.6	343.7	354.3	365.1	377.5	395.0	421.8	456.3



REPORT NUMBER: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	290.6	308.3	320.0	332.1	341.7	351.7	362.2	373.6	388.3	408.9	438.7
-25°	286.2	304.0	316.9	328.8	339.2	348.7	359.0	369.2	382.2	399.1	421.9
-27.5°	280.8	299.3	313.4	325.1	336.3	345.5	355.4	365.3	375.7	388.6	406.0
-30°	275.1	294.3	309.5	321.1	332.2	342.0	351.4	360.2	369.1	380.1	394.0
-32.5°	268.8	288.7	304.0	316.4	327.6	337.9	346.7	354.8	363.0	372.1	382.7
-35°	261.4	281.2	297.7	311.3	322.6	332.8	341.6	349.6	356.6	364.7	373.2
-37.5°	252.7	273.3	291.0	304.9	316.6	326.9	336.1	343.9	351.0	356.9	364.3
-40°	243.6	264.9	282.5	297.3	309.8	320.2	329.6	337.9	345.1	350.7	356.2
-42.5°	234.0	254.6	272.9	289.4	301.5	312.4	322.6	330.9	338.2	343.9	348.9
-45°	222.6	244.0	262.8	278.6	292.4	303.6	313.6	323.3	330.4	336.9	341.6
-47.5°	210.8	232.5	250.9	267.6	281.7	293.6	303.9	313.3	321.9	328.4	334.4
-50°	198.1	219.1	238.7	254.9	269.7	282.3	293.0	302.8	311.4	318.8	325.0
-52.5°	183.8	205.2	224.1	241.3	256.2	269.6	281.0	291.2	300.0	308.1	314.9
-55°	169.2	189.7	208.8	225.9	241.3	254.9	267.7	278.0	287.5	295.4	303.7
-57.5°	154.4	173.5	192.0	209.3	224.6	238.8	251.4	263.7	273.3	281.7	290.2
-60°	139.3	157.0	174.1	190.9	206.8	220.6	233.8	245.5	256.5	266.9	274.7
-62.5°	123.9	140.2	156.0	171.2	186.3	201.3	214.3	226.0	236.9	246.5	255.6
-65°	108.9	123.3	137.8	151.8	165.0	178.8	192.2	205.2	215.8	224.7	233.2
-67.5°	93.5	106.4	119.4	132.3	144.5	156.2	168.1	179.9	191.2	200.7	209.2
-70°	78.5	89.4	100.6	112.1	123.2	133.5	143.6	153.8	163.9	173.0	181.1
-72.5°	63.5	73.1	82.4	91.5	101.2	110.4	119.1	127.3	135.4	143.5	151.2
-75°	51.0	56.8	64.7	72.6	80.0	87.4	95.0	102.3	108.6	114.6	120.5
-77.5°	40.3	44.6	49.3	54.4	59.2	64.9	70.6	76.5	81.7	86.3	90.4
-80°	30.0	32.1	35.1	38.5	42.0	45.4	48.6	51.7	55.1	58.8	62.6
-82.5°	20.8	22.7	24.2	25.5	26.9	28.2	29.6	31.8	34.7	37.4	39.9
-85°	12.2	13.2	14.5	15.7	16.8	17.8	18.7	19.5	20.6	21.8	22.9
-87.5°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	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: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	10.8	10.7	10.6	10.4	10.2	10.4	10.6	10.8	10.9	11.0	11.1
85°	24.1	25.1	26.1	27.1	28.2	28.9	29.6	30.2	30.7	31.1	31.5
82.5°	42.3	44.4	46.4	48.2	49.7	51.1	52.2	53.3	54.2	54.9	55.6
80°	66.0	69.3	72.4	75.3	77.9	80.0	81.8	83.3	84.5	85.8	86.9
77.5°	94.4	99.0	103.3	107.2	110.7	113.6	116.2	118.4	120.2	122.5	124.6
75°	126.4	131.9	136.9	141.5	145.7	149.5	152.8	155.7	158.2	160.7	162.8
72.5°	158.5	165.1	170.8	175.7	180.2	184.5	188.7	192.6	196.3	199.0	201.0
70°	188.6	195.4	201.6	207.2	212.4	217.8	223.2	228.3	232.9	235.9	237.6
67.5°	216.3	223.2	230.3	237.2	243.4	249.0	254.5	259.5	264.0	267.0	268.9
65°	241.3	248.9	256.5	263.6	270.2	275.0	280.0	284.7	289.1	292.7	295.3
62.5°	264.6	272.2	278.6	284.6	290.2	295.0	299.9	304.3	308.1	311.5	314.6
60°	282.5	290.2	296.4	302.0	307.2	312.0	315.8	319.1	321.7	323.8	325.8
57.5°	297.8	305.1	311.5	316.1	320.7	325.3	328.5	330.6	332.2	333.3	334.2
55°	311.0	316.9	322.2	327.3	331.8	335.8	338.7	340.1	340.9	341.4	341.8
52.5°	321.7	327.4	332.8	337.6	341.2	344.5	347.4	348.2	348.6	348.8	348.9
50°	331.3	336.9	341.3	345.3	349.0	352.0	354.5	355.6	356.3	356.4	356.0
47.5°	339.2	344.0	348.7	352.9	356.6	360.1	362.9	364.5	365.7	366.2	366.1
45°	346.0	351.7	356.7	361.6	366.0	370.5	374.4	377.0	379.6	381.4	382.3
42.5°	354.2	359.8	365.4	372.2	378.4	384.3	390.7	396.3	402.3	408.5	412.8
40°	362.4	368.6	377.1	385.3	394.4	402.7	416.2	429.7	440.0	448.7	456.6
37.5°	371.8	380.8	391.1	401.6	416.5	431.9	449.0	465.7	480.3	493.4	504.1
35°	382.7	394.7	407.3	426.0	444.9	464.0	484.4	506.7	525.6	539.4	549.3
32.5°	396.0	411.1	431.3	455.1	478.5	503.2	527.9	552.7	571.3	590.5	609.8
30°	410.7	432.4	458.6	487.6	516.8	546.3	577.2	611.7	644.4	679.6	729.9
27.5°	429.5	456.0	486.7	521.1	556.1	591.3	645.3	704.4	792.1	862.1	981.0
25°	449.5	480.5	517.2	557.0	599.8	662.8	761.6	878.2	1084.9	1245.2	1488.3
22.5°	471.8	508.4	548.9	594.6	663.6	782.5	951.4	1250.9	1667.7	2079.3	2537.1
20°	493.9	534.3	578.7	647.8	765.1	953.2	1318.8	1966.4	2689.8	3719.5	4583.9
17.5°	514.8	557.7	614.0	707.5	883.2	1261.5	1969.6	3078.9	4589.5	6249.6	7633.9
15°	533.1	577.0	652.8	800.9	1097.7	1687.0	2756.1	4644.0	7182.3	9455.2	11482.4
12.5°	548.6	600.6	694.9	876.3	1284.0	2156.2	3871.3	6552.1	9651.7	12839.2	15404.7
10°	559.9	625.6	751.1	1015.8	1580.0	2714.7	4800.7	8182.3	11914.4	15788.6	20426.4
7.5°	566.7	643.5	793.7	1119.4	1843.9	3336.5	5966.6	9637.8	13923.6	19212.3	26298.2
5°	571.6	655.6	825.3	1197.4	2020.4	3747.6	6702.7	10740.6	15657.2	23304.4	37887.5
2.5°	574.0	661.0	843.2	1240.2	2100.8	3958.9	7220.8	11372.1	16712.0	26191.1	45916.0
0°	573.0	658.1	845.3	1250.0	2112.3	4120.6	7306.9	11552.3	17068.4	26449.9	48489.8
-2.5°	574.0	661.0	843.2	1240.2	2100.8	3958.9	7220.8	11372.1	16712.0	26191.1	45916.0
-5°	571.6	655.6	825.3	1197.4	2020.4	3747.6	6702.7	10740.6	15657.2	23304.4	37887.5
-7.5°	566.7	643.5	793.7	1119.4	1843.9	3336.5	5966.6	9637.8	13923.6	19212.3	26298.2
-10°	559.9	625.6	751.1	1015.8	1580.0	2714.7	4800.7	8182.3	11914.4	15788.6	20426.4
-12.5°	548.6	600.6	694.9	876.3	1284.0	2156.2	3871.3	6552.1	9651.7	12839.2	15404.7
-15°	533.1	577.0	652.8	800.9	1097.7	1687.0	2756.1	4644.0	7182.3	9455.2	11482.4
-17.5°	514.8	557.7	614.0	707.5	883.2	1261.5	1969.6	3078.9	4589.5	6249.6	7633.9
-20°	493.9	534.3	578.7	647.8	765.1	953.2	1318.8	1966.4	2689.8	3719.5	4583.9



REPORT NUMBER: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	471.8	508.4	548.9	594.6	663.6	782.5	951.4	1250.9	1667.7	2079.3	2537.1
-25°	449.5	480.5	517.2	557.0	599.8	662.8	761.6	878.2	1084.9	1245.2	1488.3
-27.5°	429.5	456.0	486.7	521.1	556.1	591.3	645.3	704.4	792.1	862.1	981.0
-30°	410.7	432.4	458.6	487.6	516.8	546.3	577.2	611.7	644.4	679.6	729.9
-32.5°	396.0	411.1	431.3	455.1	478.5	503.2	527.9	552.7	571.3	590.5	609.8
-35°	382.7	394.7	407.3	426.0	444.9	464.0	484.4	506.7	525.6	539.4	549.3
-37.5°	371.8	380.8	391.1	401.6	416.5	431.9	449.0	465.7	480.3	493.4	504.1
-40°	362.4	368.6	377.1	385.3	394.4	402.7	416.2	429.7	440.0	448.7	456.6
-42.5°	354.2	359.8	365.4	372.2	378.4	384.3	390.7	396.3	402.3	408.5	412.8
-45°	346.0	351.7	356.7	361.6	366.0	370.5	374.4	377.0	379.6	381.4	382.3
-47.5°	339.2	344.0	348.7	352.9	356.6	360.1	362.9	364.5	365.7	366.2	366.1
-50°	331.3	336.9	341.3	345.3	349.0	352.0	354.5	355.6	356.3	356.4	356.0
-52.5°	321.7	327.4	332.8	337.6	341.2	344.5	347.4	348.2	348.6	348.8	348.9
-55°	311.0	316.9	322.2	327.3	331.8	335.8	338.7	340.1	340.9	341.4	341.8
-57.5°	297.8	305.1	311.5	316.1	320.7	325.3	328.5	330.6	332.2	333.3	334.2
-60°	282.5	290.2	296.4	302.0	307.2	312.0	315.8	319.1	321.7	323.8	325.8
-62.5°	264.6	272.2	278.6	284.6	290.2	295.0	299.9	304.3	308.1	311.5	314.6
-65°	241.3	248.9	256.5	263.6	270.2	275.0	280.0	284.7	289.1	292.7	295.3
-67.5°	216.3	223.2	230.3	237.2	243.4	249.0	254.5	259.5	264.0	267.0	268.9
-70°	188.6	195.4	201.6	207.2	212.4	217.8	223.2	228.3	232.9	235.9	237.6
-72.5°	158.5	165.1	170.8	175.7	180.2	184.5	188.7	192.6	196.3	199.0	201.0
-75°	126.4	131.9	136.9	141.5	145.7	149.5	152.8	155.7	158.2	160.7	162.8
-77.5°	94.4	99.0	103.3	107.2	110.7	113.6	116.2	118.4	120.2	122.5	124.6
-80°	66.0	69.3	72.4	75.3	77.9	80.0	81.8	83.3	84.5	85.8	86.9
-82.5°	42.3	44.4	46.4	48.2	49.7	51.1	52.2	53.3	54.2	54.9	55.6
-85°	24.1	25.1	26.1	27.1	28.2	28.9	29.6	30.2	30.7	31.1	31.5
-87.5°	10.8	10.7	10.6	10.4	10.2	10.4	10.6	10.8	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: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	10.8
85°	31.7	31.9	32.1	32.1	32.1	31.9	31.7	31.5	31.1	30.7	30.2
82.5°	56.1	56.4	56.6	56.7	56.6	56.4	56.1	55.6	54.9	54.2	53.3
80°	87.8	88.4	88.8	88.9	88.8	88.4	87.8	86.9	85.8	84.5	83.3
77.5°	126.4	127.8	128.4	128.6	128.4	127.8	126.4	124.6	122.5	120.2	118.4
75°	164.4	165.5	166.2	166.4	166.2	165.5	164.4	162.8	160.7	158.2	155.7
72.5°	202.4	203.2	204.8	206.1	204.8	203.2	202.4	201.0	199.0	196.3	192.6
70°	238.7	239.2	240.8	242.1	240.8	239.2	238.7	237.6	235.9	232.9	228.3
67.5°	270.3	271.2	271.2	270.4	271.2	271.2	270.3	268.9	267.0	264.0	259.5
65°	297.6	299.5	299.6	298.8	299.6	299.5	297.6	295.3	292.7	289.1	284.7
62.5°	317.6	320.2	321.3	321.5	321.3	320.2	317.6	314.6	311.5	308.1	304.3
60°	327.3	328.5	328.9	329.0	328.9	328.5	327.3	325.8	323.8	321.7	319.1
57.5°	334.5	334.5	334.6	334.7	334.6	334.5	334.5	334.2	333.3	332.2	330.6
55°	342.0	342.0	341.5	340.4	341.5	342.0	342.0	341.8	341.4	340.9	340.1
52.5°	348.6	348.0	347.1	346.1	347.1	348.0	348.6	348.9	348.8	348.6	348.2
50°	355.2	354.0	353.5	353.6	353.5	354.0	355.2	356.0	356.4	356.3	355.6
47.5°	365.8	365.1	364.8	365.0	364.8	365.1	365.8	366.1	366.2	365.7	364.5
45°	382.7	382.0	381.6	382.0	381.6	382.0	382.7	382.3	381.4	379.6	377.0
42.5°	415.1	415.4	415.2	416.0	415.2	415.4	415.1	412.8	408.5	402.3	396.3
40°	459.7	459.5	458.0	457.6	458.0	459.5	459.7	456.6	448.7	440.0	429.7
37.5°	508.5	508.5	507.0	506.8	507.0	508.5	508.5	504.1	493.4	480.3	465.7
35°	554.5	556.2	555.9	554.1	555.9	556.2	554.5	549.3	539.4	525.6	506.7
32.5°	623.5	634.1	639.7	637.3	639.7	634.1	623.5	609.8	590.5	571.3	552.7
30°	761.5	788.8	803.1	809.4	803.1	788.8	761.5	729.9	679.6	644.4	611.7
27.5°	1066.2	1126.3	1153.3	1163.0	1153.3	1126.3	1066.2	981.0	862.1	792.1	704.4
25°	1700.8	1836.6	1903.5	1925.1	1903.5	1836.6	1700.8	1488.3	1245.2	1084.9	878.2
22.5°	3041.2	3302.7	3481.5	3521.1	3481.5	3302.7	3041.2	2537.1	2079.3	1667.7	1250.9
20°	5453.0	5958.6	6232.9	6208.3	6232.9	5958.6	5453.0	4583.9	3719.5	2689.8	1966.4
17.5°	8810.6	9459.0	9767.7	9623.5	9767.7	9459.0	8810.6	7633.9	6249.6	4589.5	3078.9
15°	12916.1	13792.1	14174.2	14292.4	14174.2	13792.1	12916.1	11482.4	9455.2	7182.3	4644.0
12.5°	17965.7	20837.6	22210.9	22578.9	22210.9	20837.6	17965.7	15404.7	12839.2	9651.7	6552.1
10°	25170.1	34823.6	40565.6	41967.7	40565.6	34823.6	25170.1	20426.4	15788.6	11914.4	8182.3
7.5°	41104.9	60721.6	82696.9	93103.1	82696.9	60721.6	41104.9	26298.2	19212.3	13923.6	9637.8
5°	62684.8	108794.6	159673.9	179619.6	159673.9	108794.6	62684.8	37887.5	23304.4	15657.2	10740.6
2.5°	88919.0	164271.6	234574.4	260781.8	234574.4	164271.6	88919.0	45916.0	26191.1	16712.0	11372.1
0°	100002.5	189386.8	258450.1	280899.5	258450.1	189386.8	100002.5	48489.8	26449.9	17068.4	11552.3
-2.5°	88919.0	164271.6	234574.4	260781.7	234574.4	164271.6	88919.0	45916.0	26191.1	16712.0	11372.1
-5°	62684.8	108794.6	159673.9	179619.6	159673.9	108794.6	62684.8	37887.5	23304.4	15657.2	10740.6
-7.5°	41104.9	60721.6	82696.9	93103.1	82696.9	60721.6	41104.9	26298.2	19212.3	13923.6	9637.8
-10°	25170.1	34823.6	40565.6	41967.7	40565.6	34823.6	25170.1	20426.4	15788.6	11914.4	8182.3
-12.5°	17965.7	20837.6	22210.9	22578.9	22210.9	20837.6	17965.7	15404.7	12839.2	9651.7	6552.1
-15°	12916.1	13792.1	14174.2	14292.4	14174.2	13792.1	12916.1	11482.4	9455.2	7182.3	4644.0
-17.5°	8810.6	9459.0	9767.7	9623.5	9767.7	9459.0	8810.6	7633.9	6249.6	4589.5	3078.9
-20°	5453.0	5958.6	6232.9	6208.3	6232.9	5958.6	5453.0	4583.9	3719.5	2689.8	1966.4



REPORT NUMBER: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	3041.2	3302.7	3481.5	3521.1	3481.5	3302.7	3041.2	2537.1	2079.3	1667.7	1250.9
-25°	1700.8	1836.6	1903.5	1925.1	1903.5	1836.6	1700.8	1488.3	1245.2	1084.9	878.2
-27.5°	1066.2	1126.3	1153.3	1163.0	1153.3	1126.3	1066.2	981.0	862.1	792.1	704.4
-30°	761.5	788.8	803.1	809.4	803.1	788.8	761.5	729.9	679.6	644.4	611.7
-32.5°	623.5	634.1	639.7	637.3	639.7	634.1	623.5	609.8	590.5	571.3	552.7
-35°	554.5	556.2	555.9	554.1	555.9	556.2	554.5	549.3	539.4	525.6	506.7
-37.5°	508.5	508.5	507.0	506.8	507.0	508.5	508.5	504.1	493.4	480.3	465.7
-40°	459.7	459.5	458.0	457.6	458.0	459.5	459.7	456.6	448.7	440.0	429.7
-42.5°	415.1	415.4	415.2	416.0	415.2	415.4	415.1	412.8	408.5	402.3	396.3
-45°	382.7	382.0	381.6	382.0	381.6	382.0	382.7	382.3	381.4	379.6	377.0
-47.5°	365.8	365.1	364.8	365.0	364.8	365.1	365.8	366.1	366.2	365.7	364.5
-50°	355.2	354.0	353.5	353.6	353.5	354.0	355.2	356.0	356.4	356.3	355.6
-52.5°	348.6	348.0	347.1	346.1	347.1	348.0	348.6	348.9	348.8	348.6	348.2
-55°	342.0	342.0	341.5	340.4	341.5	342.0	342.0	341.8	341.4	340.9	340.1
-57.5°	334.5	334.5	334.6	334.7	334.6	334.5	334.5	334.2	333.3	332.2	330.6
-60°	327.3	328.5	328.9	329.0	328.9	328.5	327.3	325.8	323.8	321.7	319.1
-62.5°	317.6	320.2	321.3	321.5	321.3	320.2	317.6	314.6	311.5	308.1	304.3
-65°	297.6	299.5	299.6	298.8	299.6	299.5	297.6	295.3	292.7	289.1	284.7
-67.5°	270.3	271.2	271.2	270.4	271.2	271.2	270.3	268.9	267.0	264.0	259.5
-70°	238.7	239.2	240.8	242.1	240.8	239.2	238.7	237.6	235.9	232.9	228.3
-72.5°	202.4	203.2	204.8	206.1	204.8	203.2	202.4	201.0	199.0	196.3	192.6
-75°	164.4	165.5	166.2	166.4	166.2	165.5	164.4	162.8	160.7	158.2	155.7
-77.5°	126.4	127.8	128.4	128.6	128.4	127.8	126.4	124.6	122.5	120.2	118.4
-80°	87.8	88.4	88.8	88.9	88.8	88.4	87.8	86.9	85.8	84.5	83.3
-82.5°	56.1	56.4	56.6	56.7	56.6	56.4	56.1	55.6	54.9	54.2	53.3
-85°	31.7	31.9	32.1	32.1	32.1	31.9	31.7	31.5	31.1	30.7	30.2
-87.5°	11.2	11.3	11.3	11.3	11.3	11.3	11.2	11.1	11.0	10.9	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: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	10.6	10.4	10.2	10.4	10.6	10.7	10.8	10.5	10.1	9.7	9.3
85°	29.6	28.9	28.2	27.1	26.1	25.1	24.1	22.9	21.8	20.6	19.5
82.5°	52.2	51.1	49.7	48.2	46.4	44.4	42.3	39.9	37.4	34.7	31.8
80°	81.8	80.0	77.9	75.3	72.4	69.3	66.0	62.6	58.8	55.1	51.7
77.5°	116.2	113.6	110.7	107.2	103.3	99.0	94.4	90.4	86.3	81.7	76.5
75°	152.8	149.5	145.7	141.5	136.9	131.9	126.4	120.5	114.6	108.6	102.3
72.5°	188.7	184.5	180.2	175.7	170.8	165.1	158.5	151.2	143.5	135.4	127.3
70°	223.2	217.8	212.4	207.2	201.6	195.4	188.6	181.1	173.0	163.9	153.8
67.5°	254.5	249.0	243.4	237.2	230.3	223.2	216.3	209.2	200.7	191.2	179.9
65°	280.0	275.0	270.2	263.6	256.5	248.9	241.3	233.2	224.7	215.8	205.2
62.5°	299.9	295.0	290.2	284.6	278.6	272.2	264.6	255.6	246.5	236.9	226.0
60°	315.8	312.0	307.2	302.0	296.4	290.2	282.5	274.7	266.9	256.5	245.5
57.5°	328.5	325.3	320.7	316.1	311.5	305.1	297.8	290.2	281.7	273.3	263.7
55°	338.7	335.8	331.8	327.3	322.2	316.9	311.0	303.7	295.4	287.5	278.0
52.5°	347.4	344.5	341.2	337.6	332.8	327.4	321.7	314.9	308.1	300.0	291.2
50°	354.5	352.0	349.0	345.3	341.3	336.9	331.3	325.0	318.8	311.4	302.8
47.5°	362.9	360.1	356.6	352.9	348.7	344.0	339.2	334.4	328.4	321.9	313.3
45°	374.4	370.5	366.0	361.6	356.7	351.7	346.0	341.6	336.9	330.4	323.3
42.5°	390.7	384.3	378.4	372.2	365.4	359.8	354.2	348.9	343.9	338.2	330.9
40°	416.2	402.7	394.4	385.3	377.1	368.6	362.4	356.2	350.7	345.1	337.9
37.5°	449.0	431.9	416.5	401.6	391.1	380.8	371.8	364.3	356.9	351.0	343.9
35°	484.4	464.0	444.9	426.0	407.3	394.7	382.7	373.2	364.7	356.6	349.6
32.5°	527.9	503.2	478.5	455.1	431.3	411.1	396.0	382.7	372.1	363.0	354.8
30°	577.2	546.3	516.8	487.6	458.6	432.4	410.7	394.0	380.1	369.1	360.2
27.5°	645.3	591.3	556.1	521.1	486.7	456.0	429.5	406.0	388.6	375.7	365.3
25°	761.6	662.8	599.8	557.0	517.2	480.5	449.5	421.9	399.1	382.2	369.2
22.5°	951.4	782.5	663.6	594.6	548.9	508.4	471.8	438.7	408.9	388.3	373.6
20°	1318.8	953.2	765.1	647.8	578.7	534.3	493.9	456.3	421.8	395.0	377.5
17.5°	1969.6	1261.5	883.2	707.5	614.0	557.7	514.8	472.5	433.8	400.6	380.6
15°	2756.1	1687.0	1097.7	800.9	652.8	577.0	533.1	487.2	445.5	408.0	384.7
12.5°	3871.3	2156.2	1284.0	876.3	694.9	600.6	548.6	501.7	456.4	415.8	388.2
10°	4800.7	2714.7	1580.0	1015.8	751.1	625.6	559.9	510.4	462.5	421.4	390.5
7.5°	5966.6	3336.5	1843.9	1119.4	793.7	643.5	566.7	515.0	465.8	424.9	391.7
5°	6702.7	3747.6	2020.4	1197.4	825.3	655.6	571.6	516.8	466.4	426.4	391.8
2.5°	7220.8	3958.9	2100.8	1240.2	843.2	661.0	574.0	517.9	468.7	427.6	393.9
0°	7306.9	4120.6	2112.3	1250.0	845.3	658.1	573.0	518.1	470.9	427.4	395.2
-2.5°	7220.8	3958.9	2100.8	1240.2	843.2	661.0	574.0	517.9	468.7	427.6	393.9
-5°	6702.7	3747.6	2020.4	1197.4	825.3	655.6	571.6	516.8	466.4	426.4	391.8
-7.5°	5966.6	3336.5	1843.9	1119.4	793.7	643.5	566.7	515.0	465.8	424.9	391.7
-10°	4800.7	2714.7	1580.0	1015.8	751.1	625.6	559.9	510.4	462.5	421.4	390.5
-12.5°	3871.3	2156.2	1284.0	876.3	694.9	600.6	548.6	501.7	456.4	415.8	388.2
-15°	2756.1	1687.0	1097.7	800.9	652.8	577.0	533.1	487.2	445.5	408.0	384.7
-17.5°	1969.6	1261.5	883.2	707.5	614.0	557.7	514.8	472.5	433.8	400.6	380.6
-20°	1318.8	953.2	765.1	647.8	578.7	534.3	493.9	456.3	421.8	395.0	377.5



REPORT NUMBER: P559048 (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°	951.4	782.5	663.6	594.6	548.9	508.4	471.8	438.7	408.9	388.3	373.6
-25°	761.6	662.8	599.8	557.0	517.2	480.5	449.5	421.9	399.1	382.2	369.2
-27.5°	645.3	591.3	556.1	521.1	486.7	456.0	429.5	406.0	388.6	375.7	365.3
-30°	577.2	546.3	516.8	487.6	458.6	432.4	410.7	394.0	380.1	369.1	360.2
-32.5°	527.9	503.2	478.5	455.1	431.3	411.1	396.0	382.7	372.1	363.0	354.8
-35°	484.4	464.0	444.9	426.0	407.3	394.7	382.7	373.2	364.7	356.6	349.6
-37.5°	449.0	431.9	416.5	401.6	391.1	380.8	371.8	364.3	356.9	351.0	343.9
-40°	416.2	402.7	394.4	385.3	377.1	368.6	362.4	356.2	350.7	345.1	337.9
-42.5°	390.7	384.3	378.4	372.2	365.4	359.8	354.2	348.9	343.9	338.2	330.9
-45°	374.4	370.5	366.0	361.6	356.7	351.7	346.0	341.6	336.9	330.4	323.3
-47.5°	362.9	360.1	356.6	352.9	348.7	344.0	339.2	334.4	328.4	321.9	313.3
-50°	354.5	352.0	349.0	345.3	341.3	336.9	331.3	325.0	318.8	311.4	302.8
-52.5°	347.4	344.5	341.2	337.6	332.8	327.4	321.7	314.9	308.1	300.0	291.2
-55°	338.7	335.8	331.8	327.3	322.2	316.9	311.0	303.7	295.4	287.5	278.0
-57.5°	328.5	325.3	320.7	316.1	311.5	305.1	297.8	290.2	281.7	273.3	263.7
-60°	315.8	312.0	307.2	302.0	296.4	290.2	282.5	274.7	266.9	256.5	245.5
-62.5°	299.9	295.0	290.2	284.6	278.6	272.2	264.6	255.6	246.5	236.9	226.0
-65°	280.0	275.0	270.2	263.6	256.5	248.9	241.3	233.2	224.7	215.8	205.2
-67.5°	254.5	249.0	243.4	237.2	230.3	223.2	216.3	209.2	200.7	191.2	179.9
-70°	223.2	217.8	212.4	207.2	201.6	195.4	188.6	181.1	173.0	163.9	153.8
-72.5°	188.7	184.5	180.2	175.7	170.8	165.1	158.5	151.2	143.5	135.4	127.3
-75°	152.8	149.5	145.7	141.5	136.9	131.9	126.4	120.5	114.6	108.6	102.3
-77.5°	116.2	113.6	110.7	107.2	103.3	99.0	94.4	90.4	86.3	81.7	76.5
-80°	81.8	80.0	77.9	75.3	72.4	69.3	66.0	62.6	58.8	55.1	51.7
-82.5°	52.2	51.1	49.7	48.2	46.4	44.4	42.3	39.9	37.4	34.7	31.8
-85°	29.6	28.9	28.2	27.1	26.1	25.1	24.1	22.9	21.8	20.6	19.5
-87.5°	10.6	10.4	10.2	10.4	10.6	10.7	10.8	10.5	10.1	9.7	9.3
-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: P559048 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	18.7	17.8	16.8	15.7	14.5	13.2	12.2	11.1	10.1	9.0	7.9
82.5°	29.6	28.2	26.9	25.5	24.2	22.7	20.8	18.7	16.1	13.7	11.9
80°	48.6	45.4	42.0	38.5	35.1	32.1	30.0	27.4	23.8	20.4	17.0
77.5°	70.6	64.9	59.2	54.4	49.3	44.6	40.3	36.2	31.4	27.0	22.7
75°	95.0	87.4	80.0	72.6	64.7	56.8	51.0	45.5	39.8	33.7	28.3
72.5°	119.1	110.4	101.2	91.5	82.4	73.1	63.5	54.9	48.4	41.5	34.3
70°	143.6	133.5	123.2	112.1	100.6	89.4	78.5	67.6	57.0	49.2	41.2
67.5°	168.1	156.2	144.5	132.3	119.4	106.4	93.5	80.9	68.7	57.0	48.0
65°	192.2	178.8	165.0	151.8	137.8	123.3	108.9	94.1	80.1	66.9	54.8
62.5°	214.3	201.3	186.3	171.2	156.0	140.2	123.9	107.8	91.5	76.6	62.6
60°	233.8	220.6	206.8	190.9	174.1	157.0	139.3	121.2	103.6	86.0	70.7
57.5°	251.4	238.8	224.6	209.3	192.0	173.5	154.4	134.8	115.4	96.2	78.5
55°	267.7	254.9	241.3	225.9	208.8	189.7	169.2	148.3	127.0	106.5	86.2
52.5°	281.0	269.6	256.2	241.3	224.1	205.2	183.8	161.3	138.8	116.4	94.8
50°	293.0	282.3	269.7	254.9	238.7	219.1	198.1	174.3	150.2	126.1	103.3
47.5°	303.9	293.6	281.7	267.6	250.9	232.5	210.8	187.0	161.2	135.9	111.5
45°	313.6	303.6	292.4	278.6	262.8	244.0	222.6	199.3	172.2	145.4	119.3
42.5°	322.6	312.4	301.5	289.4	272.9	254.6	234.0	209.8	182.9	154.5	127.0
40°	329.6	320.2	309.8	297.3	282.5	264.9	243.6	219.7	193.2	163.3	134.6
37.5°	336.1	326.9	316.6	304.9	291.0	273.3	252.7	229.1	202.5	171.9	141.8
35°	341.6	332.8	322.6	311.3	297.7	281.2	261.4	237.6	210.3	180.0	148.6
32.5°	346.7	337.9	327.6	316.4	304.0	288.7	268.8	244.8	217.6	187.5	155.0
30°	351.4	342.0	332.2	321.1	309.5	294.3	275.1	251.5	224.5	194.5	161.0
27.5°	355.4	345.5	336.3	325.1	313.4	299.3	280.8	257.8	230.8	200.6	166.7
25°	359.0	348.7	339.2	328.8	316.9	304.0	286.2	263.5	236.1	205.7	171.8
22.5°	362.2	351.7	341.7	332.1	320.0	308.3	290.6	267.8	240.8	210.3	176.4
20°	365.1	354.3	343.7	334.6	322.6	310.8	294.0	271.7	244.9	214.4	180.6
17.5°	367.7	356.6	345.7	336.0	324.8	313.0	297.2	275.2	248.5	218.1	184.2
15°	369.9	358.3	347.4	337.3	326.6	314.9	300.0	278.3	251.6	221.2	187.3
12.5°	371.8	359.5	348.7	338.2	327.9	316.3	302.4	280.9	254.2	223.8	189.9
10°	373.3	360.1	349.7	338.8	328.8	317.4	304.4	283.0	256.3	225.9	191.9
7.5°	374.4	360.3	350.3	339.2	329.5	318.3	305.7	284.4	257.8	227.4	193.4
5°	375.3	360.8	350.9	339.8	330.3	319.0	306.3	285.3	258.8	228.4	194.4
2.5°	377.0	362.1	351.5	340.3	330.7	319.4	306.6	285.7	259.2	228.9	194.8
0°	378.2	363.1	351.7	340.4	330.9	319.6	306.3	285.5	259.1	228.8	194.8
-2.5°	377.0	362.1	351.5	340.3	330.7	319.4	306.6	285.7	259.2	228.9	194.8
-5°	375.3	360.8	350.9	339.8	330.3	319.0	306.3	285.3	258.8	228.4	194.4
-7.5°	374.4	360.3	350.3	339.2	329.5	318.3	305.7	284.4	257.8	227.4	193.4
-10°	373.3	360.1	349.7	338.8	328.8	317.4	304.4	283.0	256.3	225.9	191.9
-12.5°	371.8	359.5	348.7	338.2	327.9	316.3	302.4	280.9	254.2	223.8	189.9
-15°	369.9	358.3	347.4	337.3	326.6	314.9	300.0	278.3	251.6	221.2	187.3
-17.5°	367.7	356.6	345.7	336.0	324.8	313.0	297.2	275.2	248.5	218.1	184.2
-20°	365.1	354.3	343.7	334.6	322.6	310.8	294.0	271.7	244.9	214.4	180.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	362.2	351.7	341.7	332.1	320.0	308.3	290.6	267.8	240.8	210.3	176.4
-25°	359.0	348.7	339.2	328.8	316.9	304.0	286.2	263.5	236.1	205.7	171.8
-27.5°	355.4	345.5	336.3	325.1	313.4	299.3	280.8	257.8	230.8	200.6	166.7
-30°	351.4	342.0	332.2	321.1	309.5	294.3	275.1	251.5	224.5	194.5	161.0
-32.5°	346.7	337.9	327.6	316.4	304.0	288.7	268.8	244.8	217.6	187.5	155.0
-35°	341.6	332.8	322.6	311.3	297.7	281.2	261.4	237.6	210.3	180.0	148.6
-37.5°	336.1	326.9	316.6	304.9	291.0	273.3	252.7	229.1	202.5	171.9	141.8
-40°	329.6	320.2	309.8	297.3	282.5	264.9	243.6	219.7	193.2	163.3	134.6
-42.5°	322.6	312.4	301.5	289.4	272.9	254.6	234.0	209.8	182.9	154.5	127.0
-45°	313.6	303.6	292.4	278.6	262.8	244.0	222.6	199.3	172.2	145.4	119.3
-47.5°	303.9	293.6	281.7	267.6	250.9	232.5	210.8	187.0	161.2	135.9	111.5
-50°	293.0	282.3	269.7	254.9	238.7	219.1	198.1	174.3	150.2	126.1	103.3
-52.5°	281.0	269.6	256.2	241.3	224.1	205.2	183.8	161.3	138.8	116.4	94.8
-55°	267.7	254.9	241.3	225.9	208.8	189.7	169.2	148.3	127.0	106.5	86.2
-57.5°	251.4	238.8	224.6	209.3	192.0	173.5	154.4	134.8	115.4	96.2	78.5
-60°	233.8	220.6	206.8	190.9	174.1	157.0	139.3	121.2	103.6	86.0	70.7
-62.5°	214.3	201.3	186.3	171.2	156.0	140.2	123.9	107.8	91.5	76.6	62.6
-65°	192.2	178.8	165.0	151.8	137.8	123.3	108.9	94.1	80.1	66.9	54.8
-67.5°	168.1	156.2	144.5	132.3	119.4	106.4	93.5	80.9	68.7	57.0	48.0
-70°	143.6	133.5	123.2	112.1	100.6	89.4	78.5	67.6	57.0	49.2	41.2
-72.5°	119.1	110.4	101.2	91.5	82.4	73.1	63.5	54.9	48.4	41.5	34.3
-75°	95.0	87.4	80.0	72.6	64.7	56.8	51.0	45.5	39.8	33.7	28.3
-77.5°	70.6	64.9	59.2	54.4	49.3	44.6	40.3	36.2	31.4	27.0	22.7
-80°	48.6	45.4	42.0	38.5	35.1	32.1	30.0	27.4	23.8	20.4	17.0
-82.5°	29.6	28.2	26.9	25.5	24.2	22.7	20.8	18.7	16.1	13.7	11.9
-85°	18.7	17.8	16.8	15.7	14.5	13.2	12.2	11.1	10.1	9.0	7.9
-87.5°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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°	3.4	3.0	2.5	1.9	1.3	0.7	0.0
85°	6.8	5.9	4.9	3.8	2.6	1.3	0.0
82.5°	10.2	8.9	7.4	5.7	3.9	2.0	0.0
80°	13.8	11.8	9.8	7.6	5.2	2.6	0.0
77.5°	18.6	15.1	12.2	9.5	6.5	3.3	0.0
75°	23.4	19.1	14.8	11.4	7.8	3.9	0.0
72.5°	28.2	23.1	18.0	13.2	9.1	4.5	0.0
70°	33.0	27.0	21.1	15.2	10.3	5.2	0.0
67.5°	39.0	30.9	24.2	17.5	11.5	5.8	0.0
65°	44.8	35.2	27.2	19.8	12.7	6.4	0.0
62.5°	50.5	39.9	30.2	22.0	13.9	7.0	0.0
60°	56.1	44.4	33.2	24.2	15.1	7.5	0.0
57.5°	62.7	48.9	36.6	26.3	16.5	8.1	0.0
55°	69.3	53.2	40.1	28.4	17.9	8.7	0.0
52.5°	75.7	57.6	43.4	30.5	19.2	9.2	0.0
50°	81.9	62.7	46.6	32.4	20.5	9.7	0.0
47.5°	88.0	67.7	49.6	34.4	21.7	10.2	0.0
45°	94.7	72.5	52.6	36.6	22.9	10.7	0.0
42.5°	101.0	77.1	55.4	38.7	24.1	11.1	0.0
40°	107.0	81.5	58.4	40.7	25.1	11.6	0.0
37.5°	112.7	85.6	61.8	42.5	26.2	12.0	0.0
35°	118.1	89.9	64.9	44.2	27.2	12.4	0.0
32.5°	123.2	94.1	67.9	45.8	28.1	12.7	0.0
30°	128.3	98.0	70.6	47.3	28.9	13.1	0.0
27.5°	133.1	101.6	73.1	48.6	29.7	13.4	0.0
25°	137.4	104.9	75.4	49.8	30.5	13.7	0.0
22.5°	141.3	107.9	77.6	50.9	31.1	13.9	0.0
20°	144.9	110.6	79.5	51.8	31.7	14.2	0.0
17.5°	148.1	113.0	81.2	52.6	32.2	14.4	0.0
15°	150.9	115.1	82.7	53.3	32.7	14.6	0.0
12.5°	153.3	116.9	84.0	53.9	33.1	14.7	0.0
10°	155.3	118.4	85.1	54.3	33.4	14.9	0.0
7.5°	156.8	119.5	85.9	54.6	33.7	15.0	0.0
5°	157.9	120.3	86.5	54.8	33.9	15.0	0.0
2.5°	158.6	120.8	86.9	54.9	34.0	15.1	0.0
0°	158.8	121.0	87.0	54.8	34.0	15.1	0.0
-2.5°	158.6	120.8	86.9	54.9	34.0	15.1	0.0
-5°	157.9	120.3	86.5	54.8	33.9	15.0	0.0
-7.5°	156.8	119.5	85.9	54.6	33.7	15.0	0.0
-10°	155.3	118.4	85.1	54.3	33.4	14.9	0.0
-12.5°	153.3	116.9	84.0	53.9	33.1	14.7	0.0
-15°	150.9	115.1	82.7	53.3	32.7	14.6	0.0
-17.5°	148.1	113.0	81.2	52.6	32.2	14.4	0.0
-20°	144.9	110.6	79.5	51.8	31.7	14.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	141.3	107.9	77.6	50.9	31.1	13.9	0.0
-25°	137.4	104.9	75.4	49.8	30.5	13.7	0.0
-27.5°	133.1	101.6	73.1	48.6	29.7	13.4	0.0
-30°	128.3	98.0	70.6	47.3	28.9	13.1	0.0
-32.5°	123.2	94.1	67.9	45.8	28.1	12.7	0.0
-35°	118.1	89.9	64.9	44.2	27.2	12.4	0.0
-37.5°	112.7	85.6	61.8	42.5	26.2	12.0	0.0
-40°	107.0	81.5	58.4	40.7	25.1	11.6	0.0
-42.5°	101.0	77.1	55.4	38.7	24.1	11.1	0.0
-45°	94.7	72.5	52.6	36.6	22.9	10.7	0.0
-47.5°	88.0	67.7	49.6	34.4	21.7	10.2	0.0
-50°	81.9	62.7	46.6	32.4	20.5	9.7	0.0
-52.5°	75.7	57.6	43.4	30.5	19.2	9.2	0.0
-55°	69.3	53.2	40.1	28.4	17.9	8.7	0.0
-57.5°	62.7	48.9	36.6	26.3	16.5	8.1	0.0
-60°	56.1	44.4	33.2	24.2	15.1	7.5	0.0
-62.5°	50.5	39.9	30.2	22.0	13.9	7.0	0.0
-65°	44.8	35.2	27.2	19.8	12.7	6.4	0.0
-67.5°	39.0	30.9	24.2	17.5	11.5	5.8	0.0
-70°	33.0	27.0	21.1	15.2	10.3	5.2	0.0
-72.5°	28.2	23.1	18.0	13.2	9.1	4.5	0.0
-75°	23.4	19.1	14.8	11.4	7.8	3.9	0.0
-77.5°	18.6	15.1	12.2	9.5	6.5	3.3	0.0
-80°	13.8	11.8	9.8	7.6	5.2	2.6	0.0
-82.5°	10.2	8.9	7.4	5.7	3.9	2.0	0.0
-85°	6.8	5.9	4.9	3.8	2.6	1.3	0.0
-87.5°	3.4	3.0	2.5	1.9	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)