

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: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-930-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

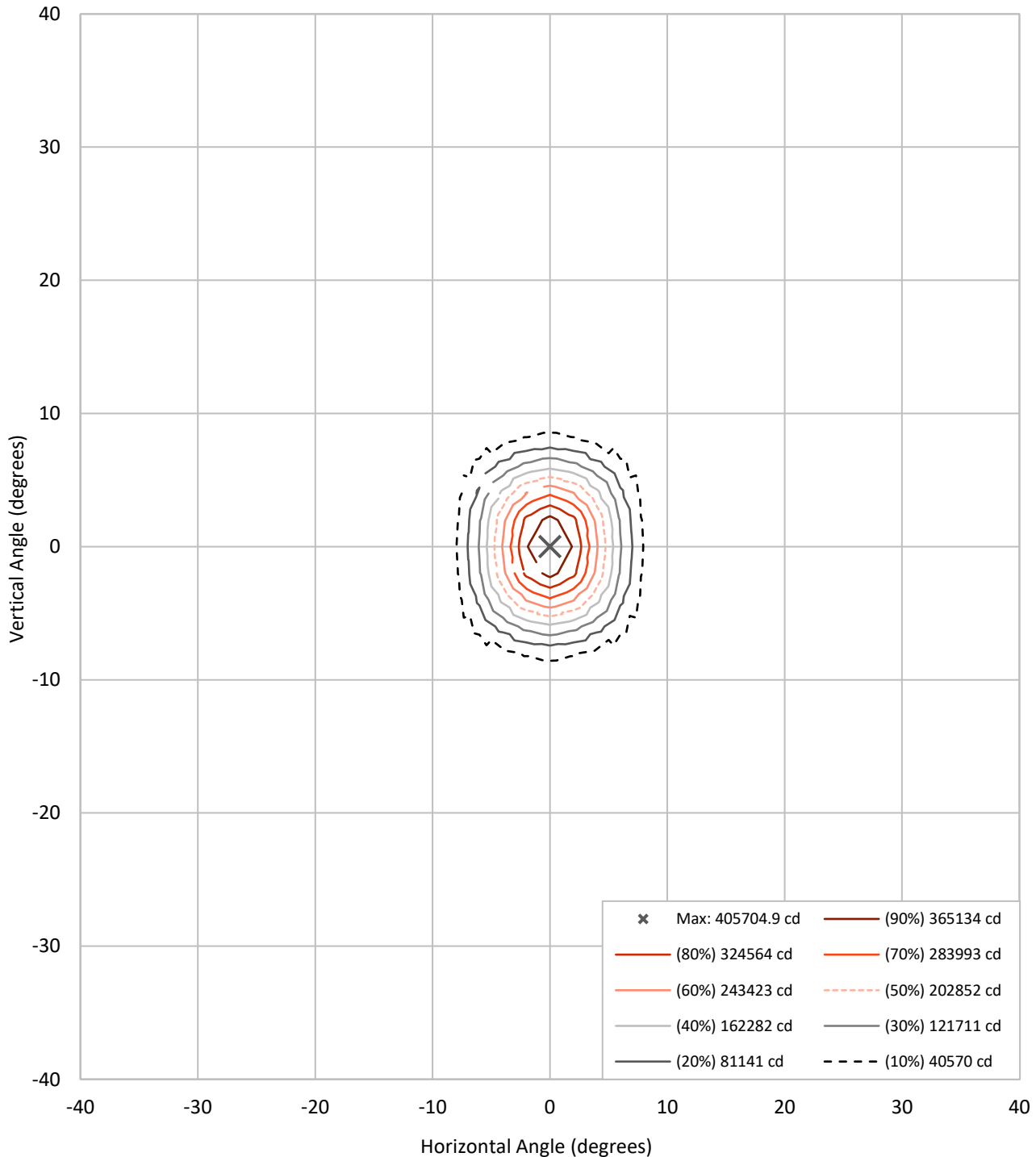
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15799 lumens	Max Intensity:	405704.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6771.8 lumens	Field Lumens:	11671 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 266
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





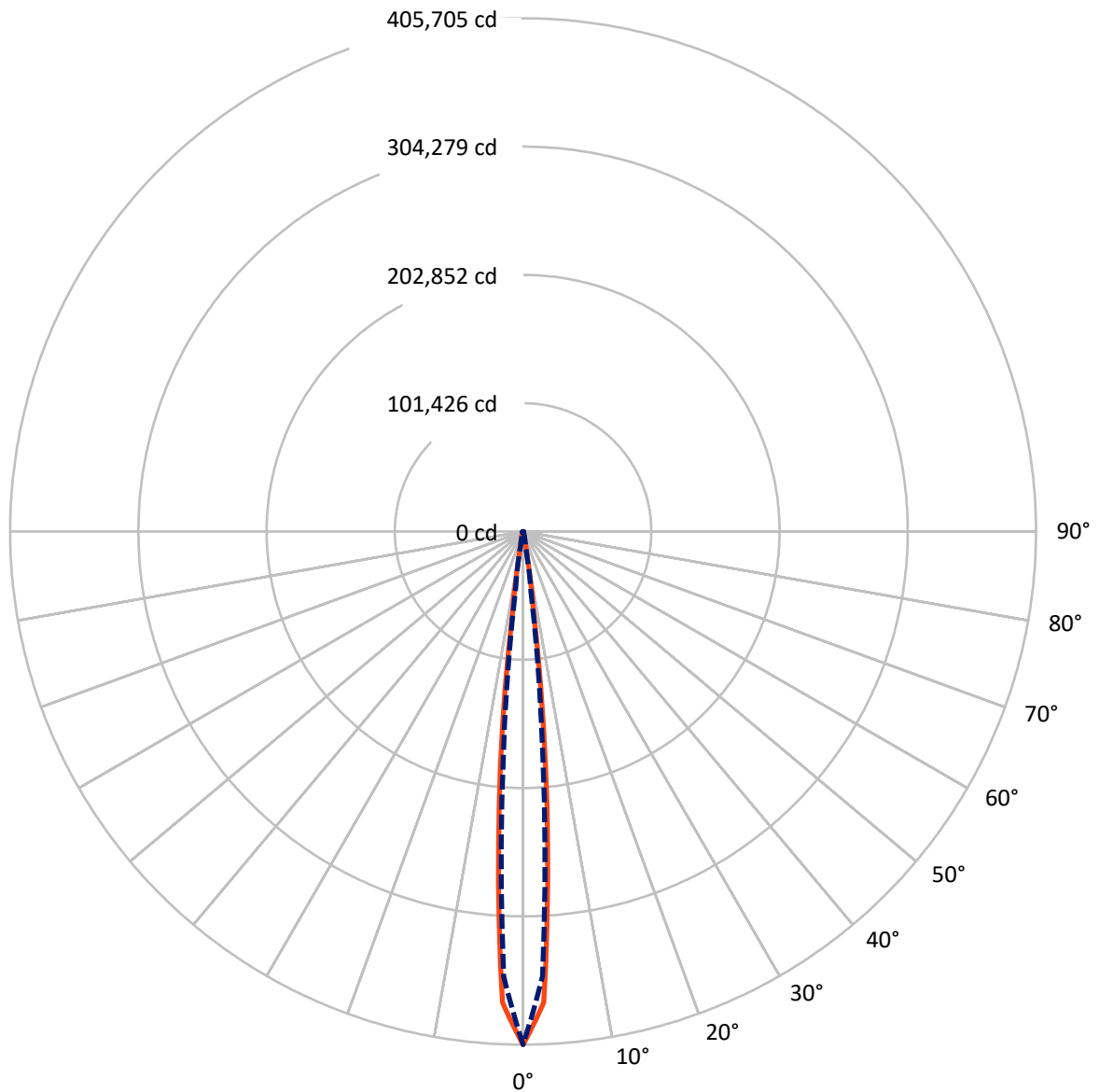
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Lumen Table

90	0.1	0.5		1.6		3.8		6.5		3.8		1.6		0.5		0.1			
80	0.1	0.5		1.6		3.8		6.5		3.8		1.6		0.5		0.1			
70	0.3	0.3	0.8	1.7	2.7	3.5	5.5	9.8	9.8	5.5	3.5	2.7	1.7	0.8	0.3	0.3			
60		0.6	1.6	3.2	5.1	7.0	9.4	12.8	12.8	9.4	7.0	5.1	3.2	1.6	0.6				
50	0.8	1.1	2.5	5.1	8.9	13.4	17.2	20.5	20.5	17.2	13.4	8.9	5.1	2.5	1.1	0.8			
40		1.7	3.5	7.7	13.9	18.7	21.2	22.4	22.4	21.2	18.7	13.9	7.7	3.5	1.7				
30	1.6	2.6	4.9	10.9	17.0	20.3	27.7	36.5	36.5	27.7	20.3	17.0	10.9	4.9	2.6	1.6			
20		3.4	6.7	13.8	18.8	26.8	54.3	108.5	108.5	54.3	26.8	18.8	13.8	6.7	3.4				
10	1.8	3.9	8.1	15.3	19.6	34.4	107.3	3174.3	3174.3	107.3	34.4	19.6	15.3	8.1	3.9	1.8			
0		3.9	8.1	15.3	19.6	34.4	107.3	3174.3	3174.3	107.3	34.4	19.6	15.3	8.1	3.9				
-10	1.6	3.4	6.7	13.8	18.8	26.8	54.3	108.5	108.5	54.3	26.8	18.8	13.8	6.7	3.4	1.6			
-20		2.6	4.9	10.9	17.0	20.3	27.7	36.5	36.5	27.7	20.3	17.0	10.9	4.9	2.6				
-30	0.8	1.7	3.5	7.7	13.9	18.7	21.2	22.4	22.4	21.2	18.7	13.9	7.7	3.5	1.7	0.8			
-40		1.1	2.5	5.1	8.9	13.4	17.2	20.5	20.5	17.2	13.4	8.9	5.1	2.5	1.1				
-50	0.3	0.6	1.6	3.2	5.1	7.0	9.4	12.8	12.8	9.4	7.0	5.1	3.2	1.6	0.6	0.3			
-60		0.3	0.8	1.7	2.7	3.5	5.5	9.8	9.8	5.5	3.5	2.7	1.7	0.8	0.3				
-70	0.1	0.5		1.6		3.8		6.5		3.8		1.6		0.5		0.1			
-80		0.5		1.6		3.8		6.5		3.8		1.6		0.5					
-90	0.1	0.5		1.6		3.8		6.5		3.8		1.6		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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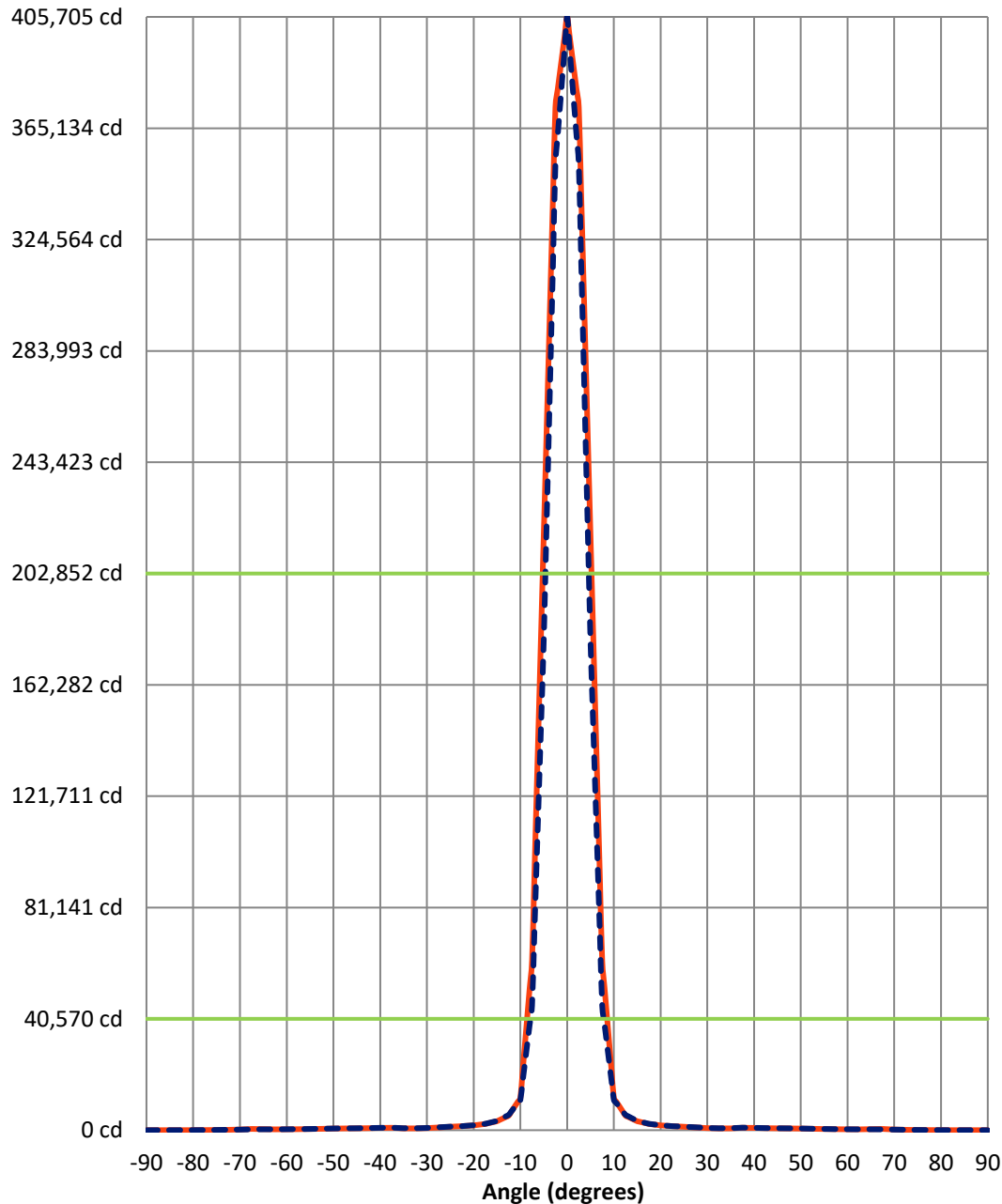
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 9.3°
 V Angle: 10.4°
 Lumens: 6771.8
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 11671
 Efficiency: 73.9%

Spill:
 Lumens: 4128
 Efficiency: 26.1%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.6	4.6	4.6
80°	0.0	0.8	1.6	2.4	3.2	4.0	4.6	4.6	4.6	4.6	4.6
77.5°	0.0	1.0	2.0	3.0	4.0	4.6	4.6	4.6	4.6	4.6	5.1
75°	0.0	1.2	2.4	3.6	4.6	4.6	4.6	4.6	4.8	6.1	7.0
72.5°	0.0	1.4	2.8	4.1	4.6	4.6	4.6	5.1	6.7	8.1	9.1
70°	0.0	1.6	3.1	4.6	4.6	4.6	4.8	7.0	8.7	10.1	12.6
67.5°	0.0	1.8	3.5	4.6	4.6	4.6	6.6	8.9	10.8	13.9	16.6
65°	0.0	1.9	3.9	4.6	4.6	5.4	8.3	10.8	14.3	17.7	21.2
62.5°	0.0	2.1	4.2	4.6	4.6	6.9	10.0	13.6	17.8	21.9	27.2
60°	0.0	2.3	4.6	4.6	4.6	8.4	11.8	16.7	21.3	27.6	33.2
57.5°	0.0	2.5	4.6	4.6	5.8	9.9	14.7	19.9	26.3	33.4	40.2
55°	0.0	2.6	4.7	4.6	7.0	11.4	17.9	23.4	31.6	39.5	47.7
52.5°	0.0	2.8	4.7	4.6	8.2	13.1	21.2	28.5	37.0	46.7	55.4
50°	0.0	3.0	4.8	4.6	9.4	16.0	24.5	34.1	42.8	53.9	64.6
47.5°	0.0	3.1	4.8	4.8	10.6	18.9	28.2	39.8	49.4	61.3	74.4
45°	0.0	3.3	4.9	5.7	11.8	21.9	33.3	45.7	57.3	70.4	84.4
42.5°	0.0	3.4	5.0	6.5	12.9	24.8	38.6	52.5	65.6	79.8	96.4
40°	0.0	3.5	5.0	7.3	14.6	27.8	43.9	59.9	74.7	89.6	109.0
37.5°	0.0	3.6	5.1	8.1	16.8	30.7	49.2	67.5	85.0	102.0	122.0
35°	0.0	3.8	5.2	8.8	19.1	34.5	54.6	75.2	95.4	116.3	134.6
32.5°	0.0	3.9	5.3	9.4	21.2	38.7	60.3	83.1	106.0	131.2	150.5
30°	0.0	4.0	5.4	10.0	23.3	42.9	66.6	91.2	116.6	146.5	168.4
27.5°	0.0	4.1	5.6	10.4	24.7	46.9	72.8	99.9	128.1	162.3	188.1
25°	0.0	4.2	5.7	10.8	25.8	50.9	78.9	108.5	141.0	178.7	209.3
22.5°	0.0	4.2	5.8	11.2	26.6	54.0	85.0	117.0	154.0	196.0	227.3
20°	0.0	4.3	5.9	11.4	27.2	55.2	90.8	125.3	166.8	214.0	245.0
17.5°	0.0	4.4	6.1	11.6	27.6	55.9	93.9	133.3	179.5	232.5	262.4
15°	0.0	4.4	6.2	11.7	27.8	56.2	95.0	139.0	191.8	251.2	279.4
12.5°	0.0	4.5	6.3	11.8	27.8	56.1	95.7	142.0	199.8	269.9	296.2
10°	0.0	4.5	6.4	11.8	27.6	55.7	95.9	144.6	203.9	277.1	308.0
7.5°	0.0	4.6	6.6	11.8	27.3	54.9	95.7	146.8	206.9	281.4	310.1
5°	0.0	4.6	6.7	11.7	26.8	53.8	95.1	148.5	208.9	284.4	311.8
2.5°	0.0	4.6	6.8	11.6	26.2	52.5	93.9	149.6	209.9	286.0	313.1
0°	0.0	4.6	6.9	11.5	25.4	50.8	92.3	150.0	210.0	286.2	313.9
-2.5°	0.0	4.6	6.8	11.6	26.2	52.5	93.9	149.6	209.9	286.0	313.1
-5°	0.0	4.6	6.7	11.7	26.8	53.8	95.1	148.5	208.9	284.4	311.8
-7.5°	0.0	4.6	6.6	11.8	27.3	54.9	95.7	146.8	206.9	281.4	310.1
-10°	0.0	4.5	6.4	11.8	27.6	55.7	95.9	144.6	203.9	277.1	308.0
-12.5°	0.0	4.5	6.3	11.8	27.8	56.1	95.7	142.0	199.8	269.9	296.2
-15°	0.0	4.4	6.2	11.7	27.8	56.2	95.0	139.0	191.8	251.2	279.4
-17.5°	0.0	4.4	6.1	11.6	27.6	55.9	93.9	133.3	179.5	232.5	262.4
-20°	0.0	4.3	5.9	11.4	27.2	55.2	90.8	125.3	166.8	214.0	245.0



REPORT NUMBER: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	5.8	11.2	26.6	54.0	85.0	117.0	154.0	196.0	227.3
-25°	0.0	4.2	5.7	10.8	25.8	50.9	78.9	108.5	141.0	178.7	209.3
-27.5°	0.0	4.1	5.6	10.4	24.7	46.9	72.8	99.9	128.1	162.3	188.1
-30°	0.0	4.0	5.4	10.0	23.3	42.9	66.6	91.2	116.6	146.5	168.4
-32.5°	0.0	3.9	5.3	9.4	21.2	38.7	60.3	83.1	106.0	131.2	150.5
-35°	0.0	3.8	5.2	8.8	19.1	34.5	54.6	75.2	95.4	116.3	134.6
-37.5°	0.0	3.6	5.1	8.1	16.8	30.7	49.2	67.5	85.0	102.0	122.0
-40°	0.0	3.5	5.0	7.3	14.6	27.8	43.9	59.9	74.7	89.6	109.0
-42.5°	0.0	3.4	5.0	6.5	12.9	24.8	38.6	52.5	65.6	79.8	96.4
-45°	0.0	3.3	4.9	5.7	11.8	21.9	33.3	45.7	57.3	70.4	84.4
-47.5°	0.0	3.1	4.8	4.8	10.6	18.9	28.2	39.8	49.4	61.3	74.4
-50°	0.0	3.0	4.8	4.6	9.4	16.0	24.5	34.1	42.8	53.9	64.6
-52.5°	0.0	2.8	4.7	4.6	8.2	13.1	21.2	28.5	37.0	46.7	55.4
-55°	0.0	2.6	4.7	4.6	7.0	11.4	17.9	23.4	31.6	39.5	47.7
-57.5°	0.0	2.5	4.6	4.6	5.8	9.9	14.7	19.9	26.3	33.4	40.2
-60°	0.0	2.3	4.6	4.6	4.6	8.4	11.8	16.7	21.3	27.6	33.2
-62.5°	0.0	2.1	4.2	4.6	4.6	6.9	10.0	13.6	17.8	21.9	27.2
-65°	0.0	1.9	3.9	4.6	4.6	5.4	8.3	10.8	14.3	17.7	21.2
-67.5°	0.0	1.8	3.5	4.6	4.6	4.6	6.6	8.9	10.8	13.9	16.6
-70°	0.0	1.6	3.1	4.6	4.6	4.6	4.8	7.0	8.7	10.1	12.6
-72.5°	0.0	1.4	2.8	4.1	4.6	4.6	4.6	5.1	6.7	8.1	9.1
-75°	0.0	1.2	2.4	3.6	4.6	4.6	4.6	4.6	4.8	6.1	7.0
-77.5°	0.0	1.0	2.0	3.0	4.0	4.6	4.6	4.6	4.6	4.6	5.1
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.6	4.6	4.6	4.6	4.6
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.6	4.6	4.6
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.7	1.5	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	3.7	3.5	3.0	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.6
82.5°	4.3	4.0	3.9	4.0	4.2	4.4	4.7	5.1	5.6	6.0	6.3
80°	4.5	4.6	5.3	5.9	6.6	7.2	7.8	8.4	8.9	9.8	11.0
77.5°	6.0	6.8	7.7	8.5	9.5	11.3	12.8	14.1	15.7	17.6	19.6
75°	8.0	9.1	11.3	13.9	16.2	18.1	19.8	22.2	25.3	28.7	31.9
72.5°	11.1	13.9	16.9	20.2	24.1	27.3	30.5	33.5	38.4	43.9	47.9
70°	15.3	18.7	23.4	28.7	33.6	37.9	44.2	51.7	59.3	63.2	65.5
67.5°	19.7	25.2	31.0	37.2	44.2	51.4	60.1	68.2	75.9	79.1	82.0
65°	25.5	31.8	38.9	46.6	54.6	63.3	72.2	81.3	89.4	93.5	98.2
62.5°	31.4	38.9	47.2	55.9	64.7	74.0	84.8	94.0	100.9	109.3	119.0
60°	38.6	46.1	55.5	65.1	75.3	88.3	99.2	109.3	118.6	128.1	142.7
57.5°	46.2	53.5	63.9	75.2	89.2	104.0	116.4	127.3	140.2	153.7	168.5
55°	54.5	61.0	72.7	86.8	102.8	120.5	134.9	149.9	164.8	176.9	190.0
52.5°	64.0	69.9	82.2	98.3	116.9	136.8	156.0	171.7	185.5	198.7	213.6
50°	73.9	81.4	91.4	110.8	131.4	153.9	175.7	191.5	207.2	222.8	239.5
47.5°	85.4	93.8	102.2	123.1	146.5	169.5	192.1	212.2	229.6	250.4	269.6
45°	98.0	107.8	116.8	136.2	160.3	183.7	208.8	233.0	257.4	282.0	312.6
42.5°	111.2	122.0	133.5	148.5	172.5	198.5	225.3	257.6	288.7	322.8	362.7
40°	124.2	136.0	149.8	163.3	184.7	213.5	246.3	282.5	326.3	370.5	418.8
37.5°	136.8	150.5	165.2	179.3	198.1	230.6	266.8	313.0	365.7	421.6	483.0
35°	149.1	164.3	179.4	195.9	217.1	248.6	293.3	345.6	408.9	479.4	535.6
32.5°	161.2	177.5	192.8	212.8	238.9	271.2	318.7	384.6	457.6	529.2	566.8
30°	176.3	189.4	206.2	228.8	260.2	301.4	352.9	424.0	507.0	555.9	590.8
27.5°	196.6	201.2	220.2	246.6	282.1	331.0	395.2	469.0	537.6	580.5	611.8
25°	216.5	221.3	233.3	264.6	308.4	366.1	438.1	522.3	563.1	599.3	635.5
22.5°	235.5	240.6	255.6	281.6	333.8	401.8	485.5	559.2	598.0	621.1	660.4
20°	253.4	261.3	279.8	309.8	359.8	435.6	531.5	593.4	630.3	658.0	694.3
17.5°	270.6	281.6	304.3	340.7	396.5	473.6	573.3	627.5	663.5	690.3	735.2
15°	287.3	301.3	327.8	369.6	430.7	514.2	601.2	655.4	694.2	720.6	773.0
12.5°	303.5	320.5	350.3	396.5	461.6	549.7	624.9	673.5	712.2	752.4	806.6
10°	319.1	339.2	371.7	421.4	489.1	580.3	644.6	688.0	726.6	777.9	834.4
7.5°	321.5	348.5	389.3	444.3	513.6	606.2	660.9	699.3	741.3	801.2	859.5
5°	321.6	347.8	390.6	450.3	525.2	621.4	672.3	707.9	755.4	822.0	882.0
2.5°	321.3	346.2	390.9	452.3	528.1	623.0	674.0	710.1	763.5	842.3	902.6
0°	320.8	343.9	390.0	452.4	528.5	620.8	673.9	710.9	768.6	860.9	920.9
-2.5°	321.3	346.2	390.9	452.3	528.1	623.0	674.0	710.1	763.5	842.3	902.6
-5°	321.6	347.8	390.6	450.3	525.2	621.4	672.3	707.9	755.4	822.0	882.0
-7.5°	321.5	348.5	389.3	444.3	513.6	606.2	660.9	699.3	741.3	801.2	859.5
-10°	319.1	339.2	371.7	421.4	489.1	580.3	644.6	688.0	726.6	777.9	834.4
-12.5°	303.5	320.5	350.3	396.5	461.6	549.7	624.9	673.5	712.2	752.4	806.6
-15°	287.3	301.3	327.8	369.6	430.7	514.2	601.2	655.4	694.2	720.6	773.0
-17.5°	270.6	281.6	304.3	340.7	396.5	473.6	573.3	627.5	663.5	690.3	735.2
-20°	253.4	261.3	279.8	309.8	359.8	435.6	531.5	593.4	630.3	658.0	694.3



REPORT NUMBER: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	235.5	240.6	255.6	281.6	333.8	401.8	485.5	559.2	598.0	621.1	660.4
-25°	216.5	221.3	233.3	264.6	308.4	366.1	438.1	522.3	563.1	599.3	635.5
-27.5°	196.6	201.2	220.2	246.6	282.1	331.0	395.2	469.0	537.6	580.5	611.8
-30°	176.3	189.4	206.2	228.8	260.2	301.4	352.9	424.0	507.0	555.9	590.8
-32.5°	161.2	177.5	192.8	212.8	238.9	271.2	318.7	384.6	457.6	529.2	566.8
-35°	149.1	164.3	179.4	195.9	217.1	248.6	293.3	345.6	408.9	479.4	535.6
-37.5°	136.8	150.5	165.2	179.3	198.1	230.6	266.8	313.0	365.7	421.6	483.0
-40°	124.2	136.0	149.8	163.3	184.7	213.5	246.3	282.5	326.3	370.5	418.8
-42.5°	111.2	122.0	133.5	148.5	172.5	198.5	225.3	257.6	288.7	322.8	362.7
-45°	98.0	107.8	116.8	136.2	160.3	183.7	208.8	233.0	257.4	282.0	312.6
-47.5°	85.4	93.8	102.2	123.1	146.5	169.5	192.1	212.2	229.6	250.4	269.6
-50°	73.9	81.4	91.4	110.8	131.4	153.9	175.7	191.5	207.2	222.8	239.5
-52.5°	64.0	69.9	82.2	98.3	116.9	136.8	156.0	171.7	185.5	198.7	213.6
-55°	54.5	61.0	72.7	86.8	102.8	120.5	134.9	149.9	164.8	176.9	190.0
-57.5°	46.2	53.5	63.9	75.2	89.2	104.0	116.4	127.3	140.2	153.7	168.5
-60°	38.6	46.1	55.5	65.1	75.3	88.3	99.2	109.3	118.6	128.1	142.7
-62.5°	31.4	38.9	47.2	55.9	64.7	74.0	84.8	94.0	100.9	109.3	119.0
-65°	25.5	31.8	38.9	46.6	54.6	63.3	72.2	81.3	89.4	93.5	98.2
-67.5°	19.7	25.2	31.0	37.2	44.2	51.4	60.1	68.2	75.9	79.1	82.0
-70°	15.3	18.7	23.4	28.7	33.6	37.9	44.2	51.7	59.3	63.2	65.5
-72.5°	11.1	13.9	16.9	20.2	24.1	27.3	30.5	33.5	38.4	43.9	47.9
-75°	8.0	9.1	11.3	13.9	16.2	18.1	19.8	22.2	25.3	28.7	31.9
-77.5°	6.0	6.8	7.7	8.5	9.5	11.3	12.8	14.1	15.7	17.6	19.6
-80°	4.5	4.6	5.3	5.9	6.6	7.2	7.8	8.4	8.9	9.8	11.0
-82.5°	4.3	4.0	3.9	4.0	4.2	4.4	4.7	5.1	5.6	6.0	6.3
-85°	3.7	3.5	3.0	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.6
-87.5°	1.9	1.7	1.5	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
-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: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
85°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5
82.5°	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.7	8.9	9.0
80°	12.3	13.3	14.0	14.6	15.0	16.7	18.7	20.8	23.0	23.8	24.4
77.5°	22.0	23.6	24.6	25.4	25.9	29.5	34.2	39.0	44.0	46.6	48.7
75°	35.0	37.0	38.2	39.1	39.6	45.2	53.4	62.0	70.9	75.5	78.8
72.5°	50.7	52.3	53.5	54.6	55.3	63.5	78.2	94.3	111.4	121.8	129.4
70°	67.5	69.3	70.8	72.1	73.0	82.8	104.2	126.7	149.8	173.1	197.7
67.5°	85.4	89.2	91.2	92.4	93.6	101.9	124.8	145.8	165.3	207.3	273.3
65°	104.9	113.8	117.4	119.5	120.3	124.1	143.7	161.3	177.2	209.8	260.2
62.5°	129.7	141.4	146.8	149.2	150.6	150.8	166.8	181.6	195.1	215.5	247.5
60°	156.4	169.1	175.7	177.5	178.7	179.2	191.9	206.5	220.0	236.6	266.5
57.5°	180.9	192.7	202.6	206.5	209.5	211.7	222.9	240.0	256.1	272.8	304.9
55°	204.2	218.6	232.3	239.8	246.9	253.1	264.2	285.8	306.5	325.9	359.3
52.5°	229.7	248.1	266.4	280.1	293.5	305.2	317.1	345.1	372.7	398.6	431.1
50°	260.1	282.9	309.5	331.9	351.1	370.0	387.1	420.2	457.5	493.0	527.1
47.5°	298.7	328.7	362.7	394.6	420.7	450.0	476.6	510.8	543.8	576.7	605.0
45°	346.0	387.6	426.7	469.1	506.4	525.7	541.2	562.5	596.4	628.7	655.1
42.5°	406.6	455.0	503.3	534.7	558.6	574.4	585.6	596.8	632.4	663.6	689.1
40°	474.0	522.6	552.3	578.1	594.7	608.7	626.3	643.7	671.6	703.6	732.0
37.5°	532.4	563.6	589.7	609.9	630.0	648.7	674.0	699.0	725.5	761.4	787.8
35°	568.4	595.7	622.2	647.7	673.4	702.1	733.7	770.4	803.0	773.4	730.6
32.5°	595.8	623.9	655.9	695.2	730.6	769.7	809.4	745.6	680.2	654.6	659.9
30°	619.6	652.3	696.5	747.7	796.8	779.3	692.1	661.6	670.6	688.5	723.0
27.5°	645.3	686.0	739.7	802.7	764.0	667.5	672.6	690.3	750.1	800.8	877.7
25°	675.5	724.7	791.3	762.2	673.8	682.9	727.7	795.2	909.0	1015.2	1108.0
22.5°	712.0	774.6	783.4	673.8	685.9	744.4	835.1	981.3	1119.6	1247.9	1343.7
20°	749.1	821.3	710.2	687.1	738.4	842.9	1011.4	1179.2	1333.6	1448.4	1544.2
17.5°	793.4	768.0	689.4	714.0	817.9	998.3	1188.0	1365.9	1511.4	1709.9	1878.8
15°	832.3	716.6	702.0	783.2	939.5	1142.5	1348.6	1508.4	1771.5	2055.8	2343.5
12.5°	810.0	698.4	724.6	845.0	1050.4	1269.8	1452.0	1704.9	2052.9	2468.3	3092.5
10°	777.0	708.6	772.7	930.2	1145.3	1359.0	1548.3	1879.8	2339.2	3102.0	4084.8
7.5°	751.5	713.0	804.6	995.7	1215.8	1412.8	1665.2	2067.3	2707.5	3754.1	5846.6
5°	732.1	712.9	819.2	1033.6	1257.7	1450.1	1737.4	2203.5	3068.4	4559.6	8135.3
2.5°	723.6	709.2	823.2	1054.0	1278.1	1470.8	1782.2	2301.5	3296.2	5307.9	10697.5
0°	729.3	701.6	821.6	1061.7	1290.2	1467.9	1788.7	2331.1	3365.0	5584.2	11041.3
-2.5°	723.6	709.2	823.2	1054.0	1278.1	1470.8	1782.2	2301.5	3296.2	5307.9	10697.5
-5°	732.1	712.9	819.2	1033.6	1257.7	1450.1	1737.4	2203.5	3068.4	4559.6	8135.3
-7.5°	751.5	713.0	804.6	995.7	1215.8	1412.8	1665.2	2067.3	2707.5	3754.1	5846.6
-10°	777.0	708.6	772.7	930.2	1145.3	1359.0	1548.3	1879.8	2339.2	3102.0	4084.8
-12.5°	810.0	698.4	724.6	845.0	1050.4	1269.8	1452.0	1704.9	2052.9	2468.3	3092.5
-15°	832.3	716.6	702.0	783.2	939.5	1142.5	1348.6	1508.4	1771.5	2055.8	2343.5
-17.5°	793.4	768.0	689.4	714.0	817.9	998.3	1188.0	1365.9	1511.4	1709.9	1878.8
-20°	749.1	821.3	710.2	687.1	738.4	842.9	1011.4	1179.2	1333.6	1448.4	1544.2



REPORT NUMBER: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	712.0	774.6	783.4	673.8	685.9	744.4	835.1	981.3	1119.6	1247.9	1343.7
-25°	675.5	724.7	791.3	762.2	673.8	682.9	727.7	795.2	909.0	1015.2	1108.0
-27.5°	645.3	686.0	739.7	802.7	764.0	667.5	672.6	690.3	750.1	800.8	877.7
-30°	619.6	652.3	696.5	747.7	796.8	779.3	692.1	661.6	670.6	688.5	723.0
-32.5°	595.8	623.9	655.9	695.2	730.6	769.7	809.4	745.6	680.2	654.6	659.9
-35°	568.4	595.7	622.2	647.7	673.4	702.1	733.7	770.4	803.0	773.4	730.6
-37.5°	532.4	563.6	589.7	609.9	630.0	648.7	674.0	699.0	725.5	761.4	787.8
-40°	474.0	522.6	552.3	578.1	594.7	608.7	626.3	643.7	671.6	703.6	732.0
-42.5°	406.6	455.0	503.3	534.7	558.6	574.4	585.6	596.8	632.4	663.6	689.1
-45°	346.0	387.6	426.7	469.1	506.4	525.7	541.2	562.5	596.4	628.7	655.1
-47.5°	298.7	328.7	362.7	394.6	420.7	450.0	476.6	510.8	543.8	576.7	605.0
-50°	260.1	282.9	309.5	331.9	351.1	370.0	387.1	420.2	457.5	493.0	527.1
-52.5°	229.7	248.1	266.4	280.1	293.5	305.2	317.1	345.1	372.7	398.6	431.1
-55°	204.2	218.6	232.3	239.8	246.9	253.1	264.2	285.8	306.5	325.9	359.3
-57.5°	180.9	192.7	202.6	206.5	209.5	211.7	222.9	240.0	256.1	272.8	304.9
-60°	156.4	169.1	175.7	177.5	178.7	179.2	191.9	206.5	220.0	236.6	266.5
-62.5°	129.7	141.4	146.8	149.2	150.6	150.8	166.8	181.6	195.1	215.5	247.5
-65°	104.9	113.8	117.4	119.5	120.3	124.1	143.7	161.3	177.2	209.8	260.2
-67.5°	85.4	89.2	91.2	92.4	93.6	101.9	124.8	145.8	165.3	207.3	273.3
-70°	67.5	69.3	70.8	72.1	73.0	82.8	104.2	126.7	149.8	173.1	197.7
-72.5°	50.7	52.3	53.5	54.6	55.3	63.5	78.2	94.3	111.4	121.8	129.4
-75°	35.0	37.0	38.2	39.1	39.6	45.2	53.4	62.0	70.9	75.5	78.8
-77.5°	22.0	23.6	24.6	25.4	25.9	29.5	34.2	39.0	44.0	46.6	48.7
-80°	12.3	13.3	14.0	14.6	15.0	16.7	18.7	20.8	23.0	23.8	24.4
-82.5°	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.7	8.9	9.0
-85°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5
-87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-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: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
85°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4
82.5°	9.1	9.1	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.7	8.6
80°	24.8	25.2	24.2	23.1	24.2	25.2	24.8	24.4	23.8	23.0	20.8
77.5°	50.7	52.5	50.7	48.5	50.7	52.5	50.7	48.7	46.6	44.0	39.0
75°	81.8	84.5	83.0	80.8	83.0	84.5	81.8	78.8	75.5	70.9	62.0
72.5°	136.6	143.3	141.7	138.5	141.7	143.3	136.6	129.4	121.8	111.4	94.3
70°	223.7	250.0	248.8	242.3	248.8	250.0	223.7	197.7	173.1	149.8	126.7
67.5°	344.9	419.3	442.9	454.7	442.9	419.3	344.9	273.3	207.3	165.3	145.8
65°	307.1	352.0	369.9	383.1	369.9	352.0	307.1	260.2	209.8	177.2	161.3
62.5°	276.3	303.0	308.7	309.3	308.7	303.0	276.3	247.5	215.5	195.1	181.6
60°	295.6	323.9	328.2	323.1	328.2	323.9	295.6	266.5	236.6	220.0	206.5
57.5°	335.8	365.4	370.9	364.7	370.9	365.4	335.8	304.9	272.8	256.1	240.0
55°	391.3	421.2	431.2	429.3	431.2	421.2	391.3	359.3	325.9	306.5	285.8
52.5°	462.1	489.7	501.1	500.8	501.1	489.7	462.1	431.1	398.6	372.7	345.1
50°	556.8	581.5	593.8	595.5	593.8	581.5	556.8	527.1	493.0	457.5	420.2
47.5°	625.1	641.2	649.7	650.8	649.7	641.2	625.1	605.0	576.7	543.8	510.8
45°	666.9	675.6	682.2	687.8	682.2	675.6	666.9	655.1	628.7	596.4	562.5
42.5°	706.2	724.4	737.9	740.9	737.9	724.4	706.2	689.1	663.6	632.4	596.8
40°	758.9	784.0	808.0	833.2	808.0	784.0	758.9	732.0	703.6	671.6	643.7
37.5°	815.2	843.1	866.3	879.3	866.3	843.1	815.2	787.8	761.4	725.5	699.0
35°	700.5	682.2	671.3	667.0	671.3	682.2	700.5	730.6	773.4	803.0	770.4
32.5°	663.0	664.3	662.2	657.8	662.2	664.3	663.0	659.9	654.6	680.2	745.6
30°	748.6	760.8	762.3	761.6	762.3	760.8	748.6	723.0	688.5	670.6	661.6
27.5°	934.6	965.8	975.5	994.7	975.5	965.8	934.6	877.7	800.8	750.1	690.3
25°	1179.9	1226.9	1249.6	1257.8	1249.6	1226.9	1179.9	1108.0	1015.2	909.0	795.2
22.5°	1397.8	1433.8	1454.8	1472.5	1454.8	1433.8	1397.8	1343.7	1247.9	1119.6	981.3
20°	1656.1	1721.7	1751.8	1754.1	1751.8	1721.7	1656.1	1544.2	1448.4	1333.6	1179.2
17.5°	2059.4	2187.0	2250.7	2268.7	2250.7	2187.0	2059.4	1878.8	1709.9	1511.4	1365.9
15°	2695.6	3021.3	3188.9	3268.1	3188.9	3021.3	2695.6	2343.5	2055.8	1771.5	1508.4
12.5°	3733.3	4467.8	5061.7	5285.3	5061.7	4467.8	3733.3	3092.5	2468.3	2052.9	1704.9
10°	5789.5	7982.9	10545.3	11740.7	10545.3	7982.9	5789.5	4084.8	3102.0	2339.2	1879.8
7.5°	11200.4	26005.3	50402.6	62040.7	50402.6	26005.3	11200.4	5846.6	3754.1	2707.5	2067.3
5°	23874.0	103032.5	184518.4	216732.6	184518.4	103032.5	23874.0	8135.3	4559.6	3068.4	2203.5
2.5°	38026.1	168986.8	318851.0	372830.2	318851.0	168986.8	38026.1	10697.5	5307.9	3296.2	2301.5
0°	45433.6	178081.0	351844.9	405704.9	351844.9	178081.0	45433.6	11041.3	5584.2	3365.0	2331.1
-2.5°	38026.1	168986.8	318851.0	372830.1	318851.0	168986.8	38026.1	10697.5	5307.9	3296.2	2301.5
-5°	23874.0	103032.5	184518.4	216732.6	184518.4	103032.5	23874.0	8135.3	4559.6	3068.4	2203.5
-7.5°	11200.4	26005.3	50402.6	62040.7	50402.6	26005.3	11200.4	5846.6	3754.1	2707.5	2067.3
-10°	5789.5	7982.9	10545.3	11740.7	10545.3	7982.9	5789.5	4084.8	3102.0	2339.2	1879.8
-12.5°	3733.3	4467.8	5061.7	5285.3	5061.7	4467.8	3733.3	3092.5	2468.3	2052.9	1704.9
-15°	2695.6	3021.3	3188.9	3268.1	3188.9	3021.3	2695.6	2343.5	2055.8	1771.5	1508.4
-17.5°	2059.4	2187.0	2250.7	2268.7	2250.7	2187.0	2059.4	1878.8	1709.9	1511.4	1365.9
-20°	1656.1	1721.7	1751.8	1754.1	1751.8	1721.7	1656.1	1544.2	1448.4	1333.6	1179.2



REPORT NUMBER: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1397.8	1433.8	1454.8	1472.5	1454.8	1433.8	1397.8	1343.7	1247.9	1119.6	981.3
-25°	1179.9	1226.9	1249.6	1257.8	1249.6	1226.9	1179.9	1108.0	1015.2	909.0	795.2
-27.5°	934.6	965.8	975.5	994.7	975.5	965.8	934.6	877.7	800.8	750.1	690.3
-30°	748.6	760.8	762.3	761.6	762.3	760.8	748.6	723.0	688.5	670.6	661.6
-32.5°	663.0	664.3	662.2	657.8	662.2	664.3	663.0	659.9	654.6	680.2	745.6
-35°	700.5	682.2	671.3	667.0	671.3	682.2	700.5	730.6	773.4	803.0	770.4
-37.5°	815.2	843.1	866.3	879.3	866.3	843.1	815.2	787.8	761.4	725.5	699.0
-40°	758.9	784.0	808.0	833.2	808.0	784.0	758.9	732.0	703.6	671.6	643.7
-42.5°	706.2	724.4	737.9	740.9	737.9	724.4	706.2	689.1	663.6	632.4	596.8
-45°	666.9	675.6	682.2	687.8	682.2	675.6	666.9	655.1	628.7	596.4	562.5
-47.5°	625.1	641.2	649.7	650.8	649.7	641.2	625.1	605.0	576.7	543.8	510.8
-50°	556.8	581.5	593.8	595.5	593.8	581.5	556.8	527.1	493.0	457.5	420.2
-52.5°	462.1	489.7	501.1	500.8	501.1	489.7	462.1	431.1	398.6	372.7	345.1
-55°	391.3	421.2	431.2	429.3	431.2	421.2	391.3	359.3	325.9	306.5	285.8
-57.5°	335.8	365.4	370.9	364.7	370.9	365.4	335.8	304.9	272.8	256.1	240.0
-60°	295.6	323.9	328.2	323.1	328.2	323.9	295.6	266.5	236.6	220.0	206.5
-62.5°	276.3	303.0	308.7	309.3	308.7	303.0	276.3	247.5	215.5	195.1	181.6
-65°	307.1	352.0	369.9	383.1	369.9	352.0	307.1	260.2	209.8	177.2	161.3
-67.5°	344.9	419.3	442.9	454.7	442.9	419.3	344.9	273.3	207.3	165.3	145.8
-70°	223.7	250.0	248.8	242.3	248.8	250.0	223.7	197.7	173.1	149.8	126.7
-72.5°	136.6	143.3	141.7	138.5	141.7	143.3	136.6	129.4	121.8	111.4	94.3
-75°	81.8	84.5	83.0	80.8	83.0	84.5	81.8	78.8	75.5	70.9	62.0
-77.5°	50.7	52.5	50.7	48.5	50.7	52.5	50.7	48.7	46.6	44.0	39.0
-80°	24.8	25.2	24.2	23.1	24.2	25.2	24.8	24.4	23.8	23.0	20.8
-82.5°	9.1	9.1	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.7	8.6
-85°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559081 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
85°	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
82.5°	8.4	8.1	7.9	7.6	7.3	7.0	6.7	6.3	6.0	5.6	5.1
80°	18.7	16.7	15.0	14.6	14.0	13.3	12.3	11.0	9.8	8.9	8.4
77.5°	34.2	29.5	25.9	25.4	24.6	23.6	22.0	19.6	17.6	15.7	14.1
75°	53.4	45.2	39.6	39.1	38.2	37.0	35.0	31.9	28.7	25.3	22.2
72.5°	78.2	63.5	55.3	54.6	53.5	52.3	50.7	47.9	43.9	38.4	33.5
70°	104.2	82.8	73.0	72.1	70.8	69.3	67.5	65.5	63.2	59.3	51.7
67.5°	124.8	101.9	93.6	92.4	91.2	89.2	85.4	82.0	79.1	75.9	68.2
65°	143.7	124.1	120.3	119.5	117.4	113.8	104.9	98.2	93.5	89.4	81.3
62.5°	166.8	150.8	150.6	149.2	146.8	141.4	129.7	119.0	109.3	100.9	94.0
60°	191.9	179.2	178.7	177.5	175.7	169.1	156.4	142.7	128.1	118.6	109.3
57.5°	222.9	211.7	209.5	206.5	202.6	192.7	180.9	168.5	153.7	140.2	127.3
55°	264.2	253.1	246.9	239.8	232.3	218.6	204.2	190.0	176.9	164.8	149.9
52.5°	317.1	305.2	293.5	280.1	266.4	248.1	229.7	213.6	198.7	185.5	171.7
50°	387.1	370.0	351.1	331.9	309.5	282.9	260.1	239.5	222.8	207.2	191.5
47.5°	476.6	450.0	420.7	394.6	362.7	328.7	298.7	269.6	250.4	229.6	212.2
45°	541.2	525.7	506.4	469.1	426.7	387.6	346.0	312.6	282.0	257.4	233.0
42.5°	585.6	574.4	558.6	534.7	503.3	455.0	406.6	362.7	322.8	288.7	257.6
40°	626.3	608.7	594.7	578.1	552.3	522.6	474.0	418.8	370.5	326.3	282.5
37.5°	674.0	648.7	630.0	609.9	589.7	563.6	532.4	483.0	421.6	365.7	313.0
35°	733.7	702.1	673.4	647.7	622.2	595.7	568.4	535.6	479.4	408.9	345.6
32.5°	809.4	769.7	730.6	695.2	655.9	623.9	595.8	566.8	529.2	457.6	384.6
30°	692.1	779.3	796.8	747.7	696.5	652.3	619.6	590.8	555.9	507.0	424.0
27.5°	672.6	667.5	764.0	802.7	739.7	686.0	645.3	611.8	580.5	537.6	469.0
25°	727.7	682.9	673.8	762.2	791.3	724.7	675.5	635.5	599.3	563.1	522.3
22.5°	835.1	744.4	685.9	673.8	783.4	774.6	712.0	660.4	621.1	598.0	559.2
20°	1011.4	842.9	738.4	687.1	710.2	821.3	749.1	694.3	658.0	630.3	593.4
17.5°	1188.0	998.3	817.9	714.0	689.4	768.0	793.4	735.2	690.3	663.5	627.5
15°	1348.6	1142.5	939.5	783.2	702.0	716.6	832.3	773.0	720.6	694.2	655.4
12.5°	1452.0	1269.8	1050.4	845.0	724.6	698.4	810.0	806.6	752.4	712.2	673.5
10°	1548.3	1359.0	1145.3	930.2	772.7	708.6	777.0	834.4	777.9	726.6	688.0
7.5°	1665.2	1412.8	1215.8	995.7	804.6	713.0	751.5	859.5	801.2	741.3	699.3
5°	1737.4	1450.1	1257.7	1033.6	819.2	712.9	732.1	882.0	822.0	755.4	707.9
2.5°	1782.2	1470.8	1278.1	1054.0	823.2	709.2	723.6	902.6	842.3	763.5	710.1
0°	1788.7	1467.9	1290.2	1061.7	821.6	701.6	729.3	920.9	860.9	768.6	710.9
-2.5°	1782.2	1470.8	1278.1	1054.0	823.2	709.2	723.6	902.6	842.3	763.5	710.1
-5°	1737.4	1450.1	1257.7	1033.6	819.2	712.9	732.1	882.0	822.0	755.4	707.9
-7.5°	1665.2	1412.8	1215.8	995.7	804.6	713.0	751.5	859.5	801.2	741.3	699.3
-10°	1548.3	1359.0	1145.3	930.2	772.7	708.6	777.0	834.4	777.9	726.6	688.0
-12.5°	1452.0	1269.8	1050.4	845.0	724.6	698.4	810.0	806.6	752.4	712.2	673.5
-15°	1348.6	1142.5	939.5	783.2	702.0	716.6	832.3	773.0	720.6	694.2	655.4
-17.5°	1188.0	998.3	817.9	714.0	689.4	768.0	793.4	735.2	690.3	663.5	627.5
-20°	1011.4	842.9	738.4	687.1	710.2	821.3	749.1	694.3	658.0	630.3	593.4



REPORT NUMBER: P559081 (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°	835.1	744.4	685.9	673.8	783.4	774.6	712.0	660.4	621.1	598.0	559.2
-25°	727.7	682.9	673.8	762.2	791.3	724.7	675.5	635.5	599.3	563.1	522.3
-27.5°	672.6	667.5	764.0	802.7	739.7	686.0	645.3	611.8	580.5	537.6	469.0
-30°	692.1	779.3	796.8	747.7	696.5	652.3	619.6	590.8	555.9	507.0	424.0
-32.5°	809.4	769.7	730.6	695.2	655.9	623.9	595.8	566.8	529.2	457.6	384.6
-35°	733.7	702.1	673.4	647.7	622.2	595.7	568.4	535.6	479.4	408.9	345.6
-37.5°	674.0	648.7	630.0	609.9	589.7	563.6	532.4	483.0	421.6	365.7	313.0
-40°	626.3	608.7	594.7	578.1	552.3	522.6	474.0	418.8	370.5	326.3	282.5
-42.5°	585.6	574.4	558.6	534.7	503.3	455.0	406.6	362.7	322.8	288.7	257.6
-45°	541.2	525.7	506.4	469.1	426.7	387.6	346.0	312.6	282.0	257.4	233.0
-47.5°	476.6	450.0	420.7	394.6	362.7	328.7	298.7	269.6	250.4	229.6	212.2
-50°	387.1	370.0	351.1	331.9	309.5	282.9	260.1	239.5	222.8	207.2	191.5
-52.5°	317.1	305.2	293.5	280.1	266.4	248.1	229.7	213.6	198.7	185.5	171.7
-55°	264.2	253.1	246.9	239.8	232.3	218.6	204.2	190.0	176.9	164.8	149.9
-57.5°	222.9	211.7	209.5	206.5	202.6	192.7	180.9	168.5	153.7	140.2	127.3
-60°	191.9	179.2	178.7	177.5	175.7	169.1	156.4	142.7	128.1	118.6	109.3
-62.5°	166.8	150.8	150.6	149.2	146.8	141.4	129.7	119.0	109.3	100.9	94.0
-65°	143.7	124.1	120.3	119.5	117.4	113.8	104.9	98.2	93.5	89.4	81.3
-67.5°	124.8	101.9	93.6	92.4	91.2	89.2	85.4	82.0	79.1	75.9	68.2
-70°	104.2	82.8	73.0	72.1	70.8	69.3	67.5	65.5	63.2	59.3	51.7
-72.5°	78.2	63.5	55.3	54.6	53.5	52.3	50.7	47.9	43.9	38.4	33.5
-75°	53.4	45.2	39.6	39.1	38.2	37.0	35.0	31.9	28.7	25.3	22.2
-77.5°	34.2	29.5	25.9	25.4	24.6	23.6	22.0	19.6	17.6	15.7	14.1
-80°	18.7	16.7	15.0	14.6	14.0	13.3	12.3	11.0	9.8	8.9	8.4
-82.5°	8.4	8.1	7.9	7.6	7.3	7.0	6.7	6.3	6.0	5.6	5.1
-85°	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
-87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559081 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.5	1.4	1.3	1.5	1.7	1.9	1.9	1.8	1.6	1.4
85°	3.1	3.0	2.8	2.7	3.0	3.5	3.7	3.9	3.5	3.1	2.8
82.5°	4.7	4.4	4.2	4.0	3.9	4.0	4.3	4.6	4.6	4.6	4.1
80°	7.8	7.2	6.6	5.9	5.3	4.6	4.5	4.6	4.6	4.6	4.6
77.5°	12.8	11.3	9.5	8.5	7.7	6.8	6.0	5.1	4.6	4.6	4.6
75°	19.8	18.1	16.2	13.9	11.3	9.1	8.0	7.0	6.1	4.8	4.6
72.5°	30.5	27.3	24.1	20.2	16.9	13.9	11.1	9.1	8.1	6.7	5.1
70°	44.2	37.9	33.6	28.7	23.4	18.7	15.3	12.6	10.1	8.7	7.0
67.5°	60.1	51.4	44.2	37.2	31.0	25.2	19.7	16.6	13.9	10.8	8.9
65°	72.2	63.3	54.6	46.6	38.9	31.8	25.5	21.2	17.7	14.3	10.8
62.5°	84.8	74.0	64.7	55.9	47.2	38.9	31.4	27.2	21.9	17.8	13.6
60°	99.2	88.3	75.3	65.1	55.5	46.1	38.6	33.2	27.6	21.3	16.7
57.5°	116.4	104.0	89.2	75.2	63.9	53.5	46.2	40.2	33.4	26.3	19.9
55°	134.9	120.5	102.8	86.8	72.7	61.0	54.5	47.7	39.5	31.6	23.4
52.5°	156.0	136.8	116.9	98.3	82.2	69.9	64.0	55.4	46.7	37.0	28.5
50°	175.7	153.9	131.4	110.8	91.4	81.4	73.9	64.6	53.9	42.8	34.1
47.5°	192.1	169.5	146.5	123.1	102.2	93.8	85.4	74.4	61.3	49.4	39.8
45°	208.8	183.7	160.3	136.2	116.8	107.8	98.0	84.4	70.4	57.3	45.7
42.5°	225.3	198.5	172.5	148.5	133.5	122.0	111.2	96.4	79.8	65.6	52.5
40°	246.3	213.5	184.7	163.3	149.8	136.0	124.2	109.0	89.6	74.7	59.9
37.5°	266.8	230.6	198.1	179.3	165.2	150.5	136.8	122.0	102.0	85.0	67.5
35°	293.3	248.6	217.1	195.9	179.4	164.3	149.1	134.6	116.3	95.4	75.2
32.5°	318.7	271.2	238.9	212.8	192.8	177.5	161.2	150.5	131.2	106.0	83.1
30°	352.9	301.4	260.2	228.8	206.2	189.4	176.3	168.4	146.5	116.6	91.2
27.5°	395.2	331.0	282.1	246.6	220.2	201.2	196.6	188.1	162.3	128.1	99.9
25°	438.1	366.1	308.4	264.6	233.3	221.3	216.5	209.3	178.7	141.0	108.5
22.5°	485.5	401.8	333.8	281.6	255.6	240.6	235.5	227.3	196.0	154.0	117.0
20°	531.5	435.6	359.8	309.8	279.8	261.3	253.4	245.0	214.0	166.8	125.3
17.5°	573.3	473.6	396.5	340.7	304.3	281.6	270.6	262.4	232.5	179.5	133.3
15°	601.2	514.2	430.7	369.6	327.8	301.3	287.3	279.4	251.2	191.8	139.0
12.5°	624.9	549.7	461.6	396.5	350.3	320.5	303.5	296.2	269.9	199.8	142.0
10°	644.6	580.3	489.1	421.4	371.7	339.2	319.1	308.0	277.1	203.9	144.6
7.5°	660.9	606.2	513.6	444.3	389.3	348.5	321.5	310.1	281.4	206.9	146.8
5°	672.3	621.4	525.2	450.3	390.6	347.8	321.6	311.8	284.4	208.9	148.5
2.5°	674.0	623.0	528.1	452.3	390.9	346.2	321.3	313.1	286.0	209.9	149.6
0°	673.9	620.8	528.5	452.4	390.0	343.9	320.8	313.9	286.2	210.0	150.0
-2.5°	674.0	623.0	528.1	452.3	390.9	346.2	321.3	313.1	286.0	209.9	149.6
-5°	672.3	621.4	525.2	450.3	390.6	347.8	321.6	311.8	284.4	208.9	148.5
-7.5°	660.9	606.2	513.6	444.3	389.3	348.5	321.5	310.1	281.4	206.9	146.8
-10°	644.6	580.3	489.1	421.4	371.7	339.2	319.1	308.0	277.1	203.9	144.6
-12.5°	624.9	549.7	461.6	396.5	350.3	320.5	303.5	296.2	269.9	199.8	142.0
-15°	601.2	514.2	430.7	369.6	327.8	301.3	287.3	279.4	251.2	191.8	139.0
-17.5°	573.3	473.6	396.5	340.7	304.3	281.6	270.6	262.4	232.5	179.5	133.3
-20°	531.5	435.6	359.8	309.8	279.8	261.3	253.4	245.0	214.0	166.8	125.3



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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°	485.5	401.8	333.8	281.6	255.6	240.6	235.5	227.3	196.0	154.0	117.0
-25°	438.1	366.1	308.4	264.6	233.3	221.3	216.5	209.3	178.7	141.0	108.5
-27.5°	395.2	331.0	282.1	246.6	220.2	201.2	196.6	188.1	162.3	128.1	99.9
-30°	352.9	301.4	260.2	228.8	206.2	189.4	176.3	168.4	146.5	116.6	91.2
-32.5°	318.7	271.2	238.9	212.8	192.8	177.5	161.2	150.5	131.2	106.0	83.1
-35°	293.3	248.6	217.1	195.9	179.4	164.3	149.1	134.6	116.3	95.4	75.2
-37.5°	266.8	230.6	198.1	179.3	165.2	150.5	136.8	122.0	102.0	85.0	67.5
-40°	246.3	213.5	184.7	163.3	149.8	136.0	124.2	109.0	89.6	74.7	59.9
-42.5°	225.3	198.5	172.5	148.5	133.5	122.0	111.2	96.4	79.8	65.6	52.5
-45°	208.8	183.7	160.3	136.2	116.8	107.8	98.0	84.4	70.4	57.3	45.7
-47.5°	192.1	169.5	146.5	123.1	102.2	93.8	85.4	74.4	61.3	49.4	39.8
-50°	175.7	153.9	131.4	110.8	91.4	81.4	73.9	64.6	53.9	42.8	34.1
-52.5°	156.0	136.8	116.9	98.3	82.2	69.9	64.0	55.4	46.7	37.0	28.5
-55°	134.9	120.5	102.8	86.8	72.7	61.0	54.5	47.7	39.5	31.6	23.4
-57.5°	116.4	104.0	89.2	75.2	63.9	53.5	46.2	40.2	33.4	26.3	19.9
-60°	99.2	88.3	75.3	65.1	55.5	46.1	38.6	33.2	27.6	21.3	16.7
-62.5°	84.8	74.0	64.7	55.9	47.2	38.9	31.4	27.2	21.9	17.8	13.6
-65°	72.2	63.3	54.6	46.6	38.9	31.8	25.5	21.2	17.7	14.3	10.8
-67.5°	60.1	51.4	44.2	37.2	31.0	25.2	19.7	16.6	13.9	10.8	8.9
-70°	44.2	37.9	33.6	28.7	23.4	18.7	15.3	12.6	10.1	8.7	7.0
-72.5°	30.5	27.3	24.1	20.2	16.9	13.9	11.1	9.1	8.1	6.7	5.1
-75°	19.8	18.1	16.2	13.9	11.3	9.1	8.0	7.0	6.1	4.8	4.6
-77.5°	12.8	11.3	9.5	8.5	7.7	6.8	6.0	5.1	4.6	4.6	4.6
-80°	7.8	7.2	6.6	5.9	5.3	4.6	4.5	4.6	4.6	4.6	4.6
-82.5°	4.7	4.4	4.2	4.0	3.9	4.0	4.3	4.6	4.6	4.6	4.1
-85°	3.1	3.0	2.8	2.7	3.0	3.5	3.7	3.9	3.5	3.1	2.8
-87.5°	1.6	1.5	1.4	1.3	1.5	1.7	1.9	1.9	1.8	1.6	1.4
-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
80°	4.6	4.0	3.2	2.4	1.6	0.8	0.0
77.5°	4.6	4.6	4.0	3.0	2.0	1.0	0.0
75°	4.6	4.6	4.6	3.6	2.4	1.2	0.0
72.5°	4.6	4.6	4.6	4.1	2.8	1.4	0.0
70°	4.8	4.6	4.6	4.6	3.1	1.6	0.0
67.5°	6.6	4.6	4.6	4.6	3.5	1.8	0.0
65°	8.3	5.4	4.6	4.6	3.9	1.9	0.0
62.5°	10.0	6.9	4.6	4.6	4.2	2.1	0.0
60°	11.8	8.4	4.6	4.6	4.6	2.3	0.0
57.5°	14.7	9.9	5.8	4.6	4.6	2.5	0.0
55°	17.9	11.4	7.0	4.6	4.7	2.6	0.0
52.5°	21.2	13.1	8.2	4.6	4.7	2.8	0.0
50°	24.5	16.0	9.4	4.6	4.8	3.0	0.0
47.5°	28.2	18.9	10.6	4.8	4.8	3.1	0.0
45°	33.3	21.9	11.8	5.7	4.9	3.3	0.0
42.5°	38.6	24.8	12.9	6.5	5.0	3.4	0.0
40°	43.9	27.8	14.6	7.3	5.0	3.5	0.0
37.5°	49.2	30.7	16.8	8.1	5.1	3.6	0.0
35°	54.6	34.5	19.1	8.8	5.2	3.8	0.0
32.5°	60.3	38.7	21.2	9.4	5.3	3.9	0.0
30°	66.6	42.9	23.3	10.0	5.4	4.0	0.0
27.5°	72.8	46.9	24.7	10.4	5.6	4.1	0.0
25°	78.9	50.9	25.8	10.8	5.7	4.2	0.0
22.5°	85.0	54.0	26.6	11.2	5.8	4.2	0.0
20°	90.8	55.2	27.2	11.4	5.9	4.3	0.0
17.5°	93.9	55.9	27.6	11.6	6.1	4.4	0.0
15°	95.0	56.2	27.8	11.7	6.2	4.4	0.0
12.5°	95.7	56.1	27.8	11.8	6.3	4.5	0.0
10°	95.9	55.7	27.6	11.8	6.4	4.5	0.0
7.5°	95.7	54.9	27.3	11.8	6.6	4.6	0.0
5°	95.1	53.8	26.8	11.7	6.7	4.6	0.0
2.5°	93.9	52.5	26.2	11.6	6.8	4.6	0.0
0°	92.3	50.8	25.4	11.5	6.9	4.6	0.0
-2.5°	93.9	52.5	26.2	11.6	6.8	4.6	0.0
-5°	95.1	53.8	26.8	11.7	6.7	4.6	0.0
-7.5°	95.7	54.9	27.3	11.8	6.6	4.6	0.0
-10°	95.9	55.7	27.6	11.8	6.4	4.5	0.0
-12.5°	95.7	56.1	27.8	11.8	6.3	4.5	0.0
-15°	95.0	56.2	27.8	11.7	6.2	4.4	0.0
-17.5°	93.9	55.9	27.6	11.6	6.1	4.4	0.0
-20°	90.8	55.2	27.2	11.4	5.9	4.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	85.0	54.0	26.6	11.2	5.8	4.2	0.0
-25°	78.9	50.9	25.8	10.8	5.7	4.2	0.0
-27.5°	72.8	46.9	24.7	10.4	5.6	4.1	0.0
-30°	66.6	42.9	23.3	10.0	5.4	4.0	0.0
-32.5°	60.3	38.7	21.2	9.4	5.3	3.9	0.0
-35°	54.6	34.5	19.1	8.8	5.2	3.8	0.0
-37.5°	49.2	30.7	16.8	8.1	5.1	3.6	0.0
-40°	43.9	27.8	14.6	7.3	5.0	3.5	0.0
-42.5°	38.6	24.8	12.9	6.5	5.0	3.4	0.0
-45°	33.3	21.9	11.8	5.7	4.9	3.3	0.0
-47.5°	28.2	18.9	10.6	4.8	4.8	3.1	0.0
-50°	24.5	16.0	9.4	4.6	4.8	3.0	0.0
-52.5°	21.2	13.1	8.2	4.6	4.7	2.8	0.0
-55°	17.9	11.4	7.0	4.6	4.7	2.6	0.0
-57.5°	14.7	9.9	5.8	4.6	4.6	2.5	0.0
-60°	11.8	8.4	4.6	4.6	4.6	2.3	0.0
-62.5°	10.0	6.9	4.6	4.6	4.2	2.1	0.0
-65°	8.3	5.4	4.6	4.6	3.9	1.9	0.0
-67.5°	6.6	4.6	4.6	4.6	3.5	1.8	0.0
-70°	4.8	4.6	4.6	4.6	3.1	1.6	0.0
-72.5°	4.6	4.6	4.6	4.1	2.8	1.4	0.0
-75°	4.6	4.6	4.6	3.6	2.4	1.2	0.0
-77.5°	4.6	4.6	4.0	3.0	2.0	1.0	0.0
-80°	4.6	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)