

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: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558911 (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-SA4C-927-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

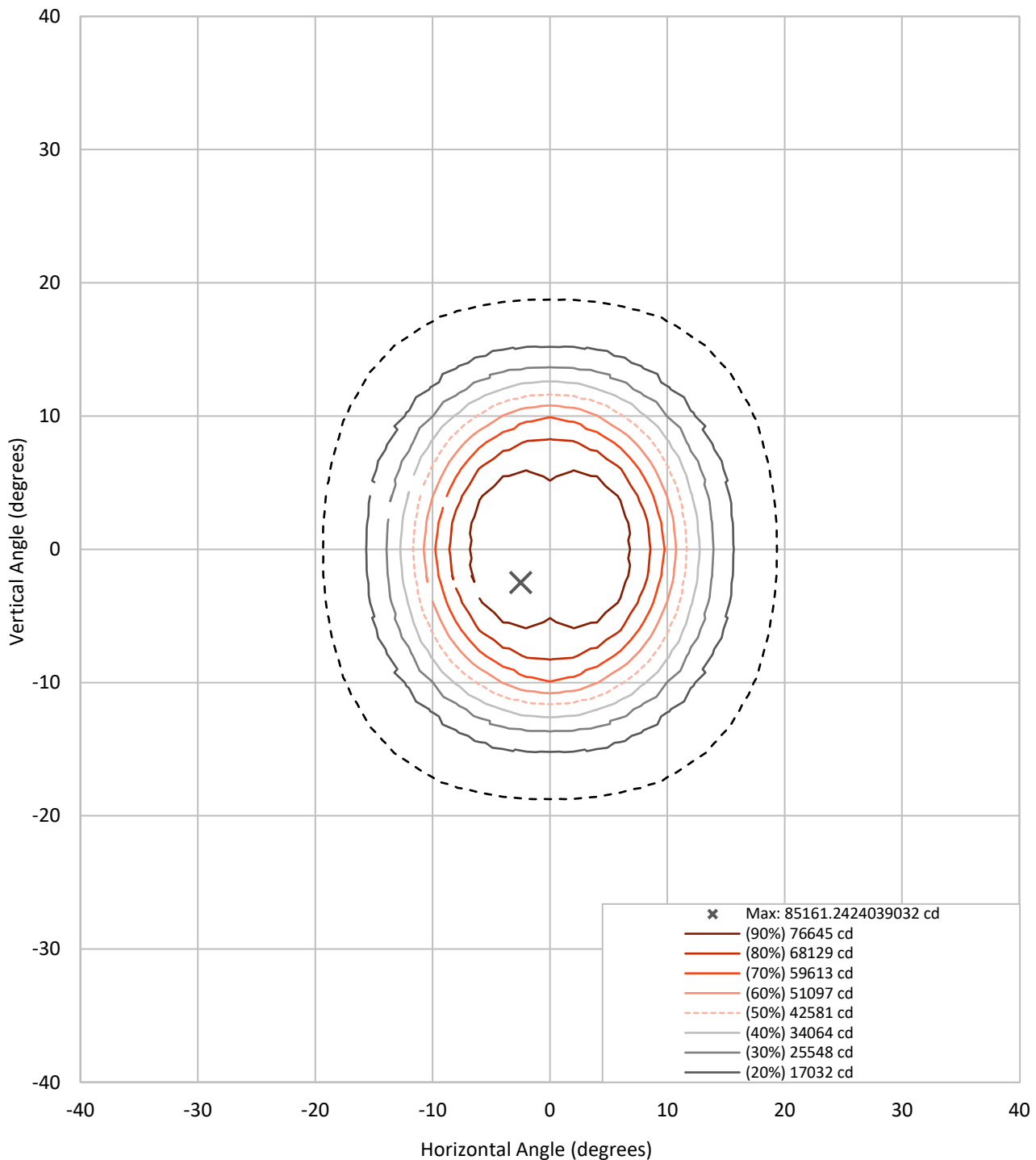
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16103.9 lumens	Max Intensity:	85161.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	98.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8694 lumens	Field Lumens:	13111 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 164
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





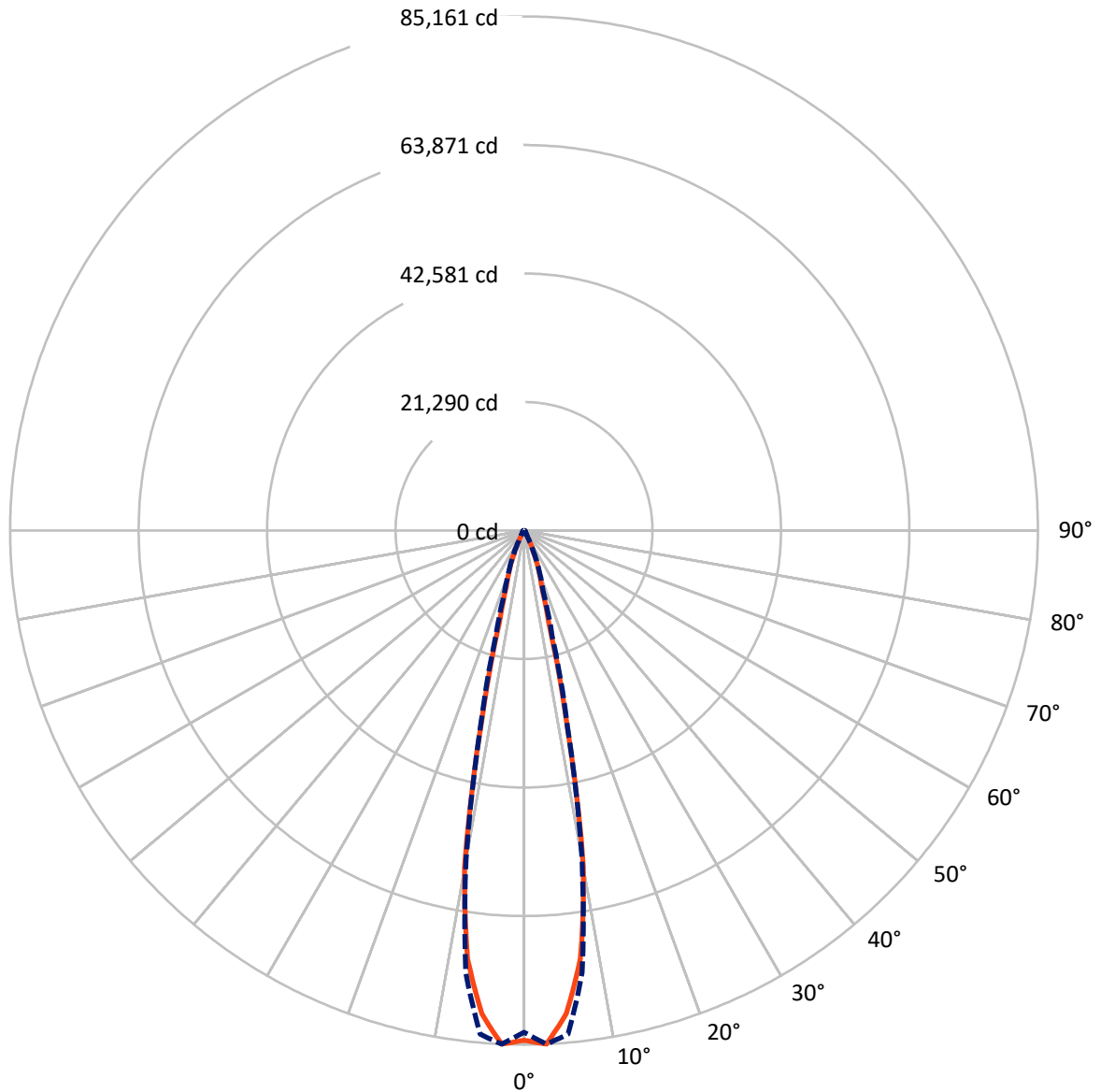
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Lumen Table

90	0.2	1.6		4.3		6.9		8.1		6.9		4.3		1.6		0.2
80	0.2	1.6		4.3		6.9		8.1		6.9		4.3		1.6		0.2
70	0.8	0.8	1.7	2.8	3.9	4.8	5.5	5.8	5.8	5.5	4.8	3.9	2.8	1.7	0.8	0.8
60		1.3	2.6	4.0	5.3	6.4	7.1	7.3	7.3	7.1	6.4	5.3	4.0	2.6	1.3	
50	1.4	1.7	3.2	4.8	6.2	7.6	8.7	9.2	9.2	8.7	7.6	6.2	4.8	3.2	1.7	1.4
40		2.0	3.7	5.4	7.3	10.0	13.2	15.8	15.8	13.2	10.0	7.3	5.4	3.7	2.0	
30	1.8	2.3	4.1	6.0	9.1	16.5	49.5	96.4	96.4	49.5	16.5	9.1	6.0	4.1	2.3	1.8
20		2.4	4.2	6.4	11.4	48.9	225.5	579.8	579.8	225.5	48.9	11.4	6.4	4.2	2.4	
10	2.0	2.5	4.3	6.7	13.6	95.2	587.1	2074.2	2074.2	587.1	95.2	13.6	6.7	4.3	2.5	2.0
0		2.5	4.3	6.7	13.6	95.2	587.1	2074.2	2074.2	587.1	95.2	13.6	6.7	4.3	2.5	
-10	1.8	2.4	4.2	6.4	11.4	48.9	225.5	579.8	579.8	225.5	48.9	11.4	6.4	4.2	2.4	1.8
-20		2.3	4.1	6.0	9.1	16.5	49.5	96.4	96.4	49.5	16.5	9.1	6.0	4.1	2.3	
-30	1.4	2.0	3.7	5.4	7.3	10.0	13.2	15.8	15.8	13.2	10.0	7.3	5.4	3.7	2.0	1.4
-40		1.7	3.2	4.8	6.2	7.6	8.7	9.2	9.2	8.7	7.6	6.2	4.8	3.2	1.7	
-50	0.8	1.3	2.6	4.0	5.3	6.4	7.1	7.3	7.3	7.1	6.4	5.3	4.0	2.6	1.3	0.8
-60		0.8	1.7	2.8	3.9	4.8	5.5	5.8	5.8	5.5	4.8	3.9	2.8	1.7	0.8	
-70	0.2	1.6		4.3		6.9		8.1		6.9		4.3		1.6		0.2
-80		1.6		4.3		6.9		8.1		6.9		4.3		1.6		
-90	0.2	1.6		4.3		6.9		8.1		6.9		4.3		1.6		0.2

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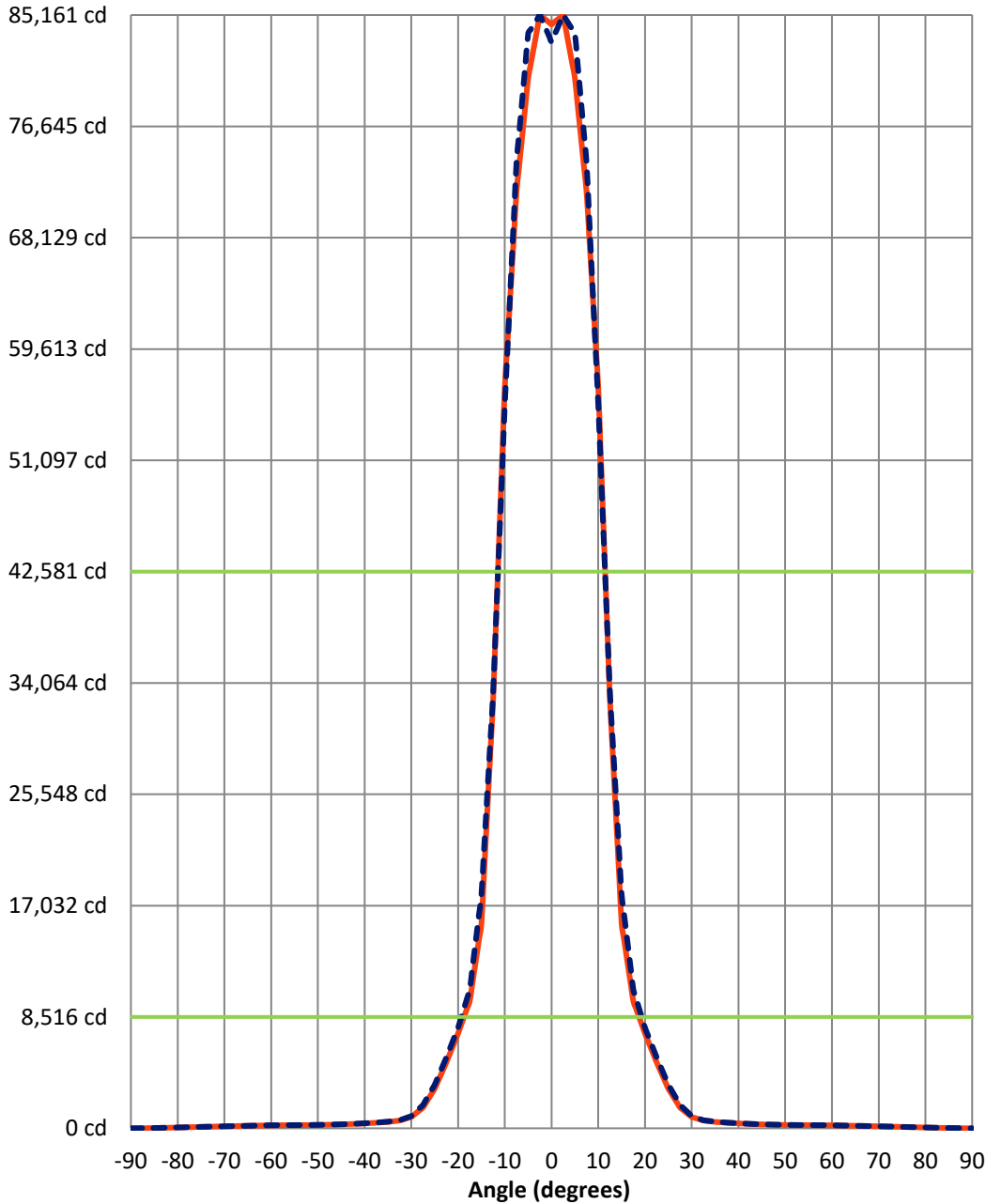
Luminous Intensity Polar Plot



— 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: 8694
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 13111
Efficiency: 81.4%

Spill:
Lumens: 2992.9
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	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.3	11.1	13.0
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.7	14.2	16.7	19.3
77.5°	0.0	1.9	3.9	5.8	7.8	10.0	12.9	15.9	19.0	22.2	25.7
75°	0.0	2.3	4.7	7.0	9.4	13.0	16.3	19.9	23.8	28.3	32.5
72.5°	0.0	2.7	5.4	8.1	11.8	15.9	19.8	24.2	29.5	34.6	39.4
70°	0.0	3.1	6.1	9.3	14.2	18.8	23.3	29.3	35.2	40.9	47.5
67.5°	0.0	3.4	6.9	11.2	16.6	21.7	27.7	34.3	40.9	48.5	56.0
65°	0.0	3.8	7.6	12.9	18.9	24.9	32.0	39.3	47.5	56.0	64.4
62.5°	0.0	4.2	8.3	14.7	21.2	28.3	36.2	44.8	54.1	63.4	73.1
60°	0.0	4.5	9.0	16.4	23.4	31.7	40.2	50.4	60.5	71.1	81.7
57.5°	0.0	4.8	10.1	18.1	26.0	35.0	44.9	55.9	67.1	78.7	90.0
55°	0.0	5.2	11.2	19.7	28.5	38.1	49.5	61.2	73.7	86.0	98.2
52.5°	0.0	5.5	12.3	21.3	30.9	41.3	53.9	66.8	80.0	93.1	106.1
50°	0.0	5.8	13.3	22.9	33.3	44.9	58.2	72.2	86.2	100.1	114.0
47.5°	0.0	6.1	14.3	24.4	35.5	48.4	62.5	77.6	92.1	106.7	121.8
45°	0.0	6.4	15.2	26.0	37.7	51.7	66.9	82.7	97.9	113.6	129.5
42.5°	0.0	6.6	16.2	27.6	39.7	54.9	71.1	87.6	103.5	120.2	136.3
40°	0.0	6.9	17.0	29.0	41.9	58.0	75.2	92.3	109.0	126.6	142.6
37.5°	0.0	7.1	17.8	30.4	44.2	60.8	79.2	96.8	114.4	132.5	148.6
35°	0.0	7.4	18.6	31.7	46.4	63.8	82.9	101.0	119.4	137.5	154.4
32.5°	0.0	7.6	19.4	32.9	48.5	66.7	86.4	105.0	124.1	142.2	160.0
30°	0.0	7.8	20.0	34.0	50.4	69.5	89.6	108.7	128.5	146.7	165.0
27.5°	0.0	8.0	20.7	35.0	52.2	72.0	92.6	112.3	132.4	150.8	169.6
25°	0.0	8.2	21.3	36.0	54.0	74.4	95.3	115.6	135.7	154.6	173.7
22.5°	0.0	8.3	21.8	36.9	55.6	76.6	97.8	118.5	138.8	158.0	177.3
20°	0.0	8.5	22.3	37.7	57.0	78.6	100.1	121.1	141.5	160.9	180.5
17.5°	0.0	8.6	22.7	38.4	58.3	80.3	102.1	123.5	144.0	163.5	183.3
15°	0.0	8.7	23.1	39.0	59.5	81.8	103.8	125.5	146.1	165.6	185.7
12.5°	0.0	8.8	23.4	39.5	60.5	83.1	105.2	127.2	147.9	167.3	187.7
10°	0.0	8.9	23.6	39.9	61.4	84.1	106.4	128.5	149.4	169.1	189.3
7.5°	0.0	8.9	23.8	40.3	62.1	84.9	107.3	129.6	150.6	170.6	190.5
5°	0.0	9.0	24.0	40.5	62.7	85.5	108.0	130.4	151.4	171.8	191.2
2.5°	0.0	9.0	24.1	40.7	63.1	85.8	108.4	130.8	151.9	172.7	191.5
0°	0.0	9.0	24.1	40.7	63.3	85.9	108.5	131.0	152.1	173.2	191.3
-2.5°	0.0	9.0	24.1	40.7	63.3	85.9	108.5	131.0	152.1	173.2	191.3
-5°	0.0	9.0	24.0	40.5	62.7	85.5	108.0	130.4	151.4	171.8	191.2
-7.5°	0.0	8.9	23.8	40.3	62.1	84.9	107.3	129.6	150.6	170.6	190.5
-10°	0.0	8.9	23.6	39.9	61.4	84.1	106.4	128.5	149.4	169.1	189.3
-12.5°	0.0	8.8	23.4	39.5	60.5	83.1	105.2	127.2	147.9	167.3	187.7
-15°	0.0	8.7	23.1	39.0	59.5	81.8	103.8	125.5	146.1	165.6	185.7
-17.5°	0.0	8.6	22.7	38.4	58.3	80.3	102.1	123.5	144.0	163.5	183.3
-20°	0.0	8.5	22.3	37.7	57.0	78.6	100.1	121.1	141.5	160.9	180.5



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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	8.3	21.8	36.9	55.6	76.6	97.8	118.5	138.8	158.0	177.3
-25°	0.0	8.2	21.3	36.0	54.0	74.4	95.3	115.6	135.7	154.6	173.7
-27.5°	0.0	8.0	20.7	35.0	52.2	72.0	92.6	112.3	132.4	150.8	169.6
-30°	0.0	7.8	20.0	34.0	50.4	69.5	89.6	108.7	128.5	146.7	165.0
-32.5°	0.0	7.6	19.4	32.9	48.5	66.7	86.4	105.0	124.1	142.2	160.0
-35°	0.0	7.4	18.6	31.7	46.4	63.8	82.9	101.0	119.4	137.5	154.4
-37.5°	0.0	7.1	17.8	30.4	44.2	60.8	79.2	96.8	114.4	132.5	148.6
-40°	0.0	6.9	17.0	29.0	41.9	58.0	75.2	92.3	109.0	126.6	142.6
-42.5°	0.0	6.6	16.2	27.6	39.7	54.9	71.1	87.6	103.5	120.2	136.3
-45°	0.0	6.4	15.2	26.0	37.7	51.7	66.9	82.7	97.9	113.6	129.5
-47.5°	0.0	6.1	14.3	24.4	35.5	48.4	62.5	77.6	92.1	106.7	121.8
-50°	0.0	5.8	13.3	22.9	33.3	44.9	58.2	72.2	86.2	100.1	114.0
-52.5°	0.0	5.5	12.3	21.3	30.9	41.3	53.9	66.8	80.0	93.1	106.1
-55°	0.0	5.2	11.2	19.7	28.5	38.1	49.5	61.2	73.7	86.0	98.2
-57.5°	0.0	4.8	10.1	18.1	26.0	35.0	44.9	55.9	67.1	78.7	90.0
-60°	0.0	4.5	9.0	16.4	23.4	31.7	40.2	50.4	60.5	71.1	81.7
-62.5°	0.0	4.2	8.3	14.7	21.2	28.3	36.2	44.8	54.1	63.4	73.1
-65°	0.0	3.8	7.6	12.9	18.9	24.9	32.0	39.3	47.5	56.0	64.4
-67.5°	0.0	3.4	6.9	11.2	16.6	21.7	27.7	34.3	40.9	48.5	56.0
-70°	0.0	3.1	6.1	9.3	14.2	18.8	23.3	29.3	35.2	40.9	47.5
-72.5°	0.0	2.7	5.4	8.1	11.8	15.9	19.8	24.2	29.5	34.6	39.4
-75°	0.0	2.3	4.7	7.0	9.4	13.0	16.3	19.9	23.8	28.3	32.5
-77.5°	0.0	1.9	3.9	5.8	7.8	10.0	12.9	15.9	19.0	22.2	25.7
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.7	14.2	16.7	19.3
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.3	11.1	13.0
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	10.0	11.0	11.9	12.7	13.4	14.0	14.9	15.8	16.7
82.5°	14.6	16.1	17.5	18.8	19.9	20.9	22.0	23.5	25.4	27.2	28.8
80°	21.4	23.3	25.5	27.8	30.2	32.5	34.9	37.2	39.3	41.3	43.3
77.5°	28.8	31.8	34.9	38.0	41.3	44.9	48.4	51.7	54.8	57.8	60.8
75°	36.4	40.3	44.9	49.5	53.9	58.2	62.4	66.8	70.8	74.8	78.5
72.5°	44.8	50.4	55.9	61.2	67.0	72.6	77.8	82.6	87.5	92.6	97.2
70°	54.1	60.5	67.3	74.3	81.2	87.3	93.4	99.7	105.9	111.2	115.8
67.5°	63.4	71.3	79.3	87.2	94.7	101.8	109.1	116.1	122.5	128.1	133.3
65°	73.1	82.0	90.8	99.3	107.6	116.1	124.1	131.6	138.5	144.8	150.7
62.5°	82.7	92.4	101.9	111.4	121.1	130.4	138.7	146.6	154.2	161.0	167.4
60°	92.0	102.4	112.9	123.6	134.2	143.8	152.8	161.0	168.9	176.4	183.0
57.5°	101.2	112.4	123.9	135.3	146.3	156.8	165.9	174.8	182.8	190.4	197.3
55°	110.2	122.0	134.4	146.4	157.9	168.7	178.5	187.4	195.9	202.9	209.5
52.5°	119.1	131.6	144.4	157.0	168.8	180.0	190.2	199.1	206.9	214.0	219.8
50°	127.8	140.9	154.1	166.9	179.0	190.5	200.7	209.3	216.7	223.2	228.7
47.5°	136.1	149.8	163.0	176.2	188.5	199.9	210.0	218.0	225.2	231.1	236.3
45°	143.8	158.2	171.9	184.8	197.3	208.5	217.8	225.9	232.6	238.5	243.7
42.5°	151.3	166.2	180.1	193.0	205.4	216.1	225.2	232.8	239.6	245.4	251.1
40°	158.4	174.1	188.1	200.8	212.8	223.0	231.5	239.3	245.9	252.5	258.8
37.5°	165.3	181.2	195.7	208.6	219.2	229.1	237.6	245.2	252.7	260.0	268.3
35°	172.0	188.0	202.7	215.4	225.8	234.5	243.1	251.4	260.1	269.2	279.0
32.5°	178.1	194.6	209.4	221.1	230.9	239.6	248.6	258.6	268.9	279.3	291.3
30°	183.6	200.6	215.5	226.4	235.5	244.2	254.7	266.2	278.3	290.2	304.2
27.5°	188.4	206.2	220.1	230.6	239.5	247.9	259.7	274.6	287.6	300.3	315.8
25°	192.8	210.7	224.3	234.2	242.5	251.5	263.8	279.1	295.5	309.4	331.0
22.5°	196.7	214.7	228.2	237.4	244.9	254.6	267.0	282.1	299.0	316.6	346.4
20°	199.9	217.7	231.5	240.1	246.7	256.8	268.8	284.2	303.0	328.4	361.3
17.5°	202.8	220.7	233.9	241.8	248.9	258.5	269.4	285.5	307.4	339.0	375.1
15°	205.3	223.6	236.0	243.3	250.6	260.1	271.9	288.7	313.9	348.8	387.8
12.5°	207.3	226.4	237.7	244.5	251.7	261.2	274.6	293.7	321.7	358.6	401.7
10°	208.9	229.1	239.1	245.5	252.3	262.0	277.0	297.7	328.1	367.7	414.0
7.5°	210.4	231.1	240.1	246.2	252.5	262.4	278.8	300.5	332.8	375.2	424.4
5°	211.5	232.4	241.1	246.7	252.3	262.6	280.2	302.3	335.8	380.8	432.1
2.5°	212.2	233.2	241.9	246.9	252.0	262.5	281.3	305.3	339.4	385.0	436.8
0°	212.4	233.5	242.5	247.0	251.5	262.1	281.7	307.3	341.9	387.1	438.3
-2.5°	212.2	233.2	241.9	246.9	252.0	262.5	281.3	305.3	339.4	385.0	436.8
-5°	211.5	232.4	241.1	246.7	252.3	262.6	280.2	302.3	335.8	380.8	432.1
-7.5°	210.4	231.1	240.1	246.2	252.5	262.4	278.8	300.5	332.8	375.2	424.4
-10°	208.9	229.1	239.1	245.5	252.3	262.0	277.0	297.7	328.1	367.7	414.0
-12.5°	207.3	226.4	237.7	244.5	251.7	261.2	274.6	293.7	321.7	358.6	401.7
-15°	205.3	223.6	236.0	243.3	250.6	260.1	271.9	288.7	313.9	348.8	387.8
-17.5°	202.8	220.7	233.9	241.8	248.9	258.5	269.4	285.5	307.4	339.0	375.1
-20°	199.9	217.7	231.5	240.1	246.7	256.8	268.8	284.2	303.0	328.4	361.3



REPORT NUMBER: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-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°	196.7	214.7	228.2	237.4	244.9	254.6	267.0	282.1	299.0	316.6	346.4
-25°	192.8	210.7	224.3	234.2	242.5	251.5	263.8	279.1	295.5	309.4	331.0
-27.5°	188.4	206.2	220.1	230.6	239.5	247.9	259.7	274.6	287.6	300.3	315.8
-30°	183.6	200.6	215.5	226.4	235.5	244.2	254.7	266.2	278.3	290.2	304.2
-32.5°	178.1	194.6	209.4	221.1	230.9	239.6	248.6	258.6	268.9	279.3	291.3
-35°	172.0	188.0	202.7	215.4	225.8	234.5	243.1	251.4	260.1	269.2	279.0
-37.5°	165.3	181.2	195.7	208.6	219.2	229.1	237.6	245.2	252.7	260.0	268.3
-40°	158.4	174.1	188.1	200.8	212.8	223.0	231.5	239.3	245.9	252.5	258.8
-42.5°	151.3	166.2	180.1	193.0	205.4	216.1	225.2	232.8	239.6	245.4	251.1
-45°	143.8	158.2	171.9	184.8	197.3	208.5	217.8	225.9	232.6	238.5	243.7
-47.5°	136.1	149.8	163.0	176.2	188.5	199.9	210.0	218.0	225.2	231.1	236.3
-50°	127.8	140.9	154.1	166.9	179.0	190.5	200.7	209.3	216.7	223.2	228.7
-52.5°	119.1	131.6	144.4	157.0	168.8	180.0	190.2	199.1	206.9	214.0	219.8
-55°	110.2	122.0	134.4	146.4	157.9	168.7	178.5	187.4	195.9	202.9	209.5
-57.5°	101.2	112.4	123.9	135.3	146.3	156.8	165.9	174.8	182.8	190.4	197.3
-60°	92.0	102.4	112.9	123.6	134.2	143.8	152.8	161.0	168.9	176.4	183.0
-62.5°	82.7	92.4	101.9	111.4	121.1	130.4	138.7	146.6	154.2	161.0	167.4
-65°	73.1	82.0	90.8	99.3	107.6	116.1	124.1	131.6	138.5	144.8	150.7
-67.5°	63.4	71.3	79.3	87.2	94.7	101.8	109.1	116.1	122.5	128.1	133.3
-70°	54.1	60.5	67.3	74.3	81.2	87.3	93.4	99.7	105.9	111.2	115.8
-72.5°	44.8	50.4	55.9	61.2	67.0	72.6	77.8	82.6	87.5	92.6	97.2
-75°	36.4	40.3	44.9	49.5	53.9	58.2	62.4	66.8	70.8	74.8	78.5
-77.5°	28.8	31.8	34.9	38.0	41.3	44.9	48.4	51.7	54.8	57.8	60.8
-80°	21.4	23.3	25.5	27.8	30.2	32.5	34.9	37.2	39.3	41.3	43.3
-82.5°	14.6	16.1	17.5	18.8	19.9	20.9	22.0	23.5	25.4	27.2	28.8
-85°	8.3	9.0	10.0	11.0	11.9	12.7	13.4	14.0	14.9	15.8	16.7
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-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: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-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°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.8	8.9
85°	17.7	18.2	18.8	19.3	19.8	20.4	20.9	21.3	21.7	22.3	22.9
82.5°	30.2	31.4	32.5	33.5	34.5	35.7	36.8	37.8	38.8	39.4	39.9
80°	45.4	47.4	49.3	50.9	52.4	54.1	55.9	57.4	58.9	59.8	60.5
77.5°	63.7	66.3	68.6	70.9	73.0	75.0	76.7	78.1	79.2	80.6	81.9
75°	82.1	85.4	88.6	91.5	94.0	96.3	98.3	100.2	101.9	103.4	104.7
72.5°	101.5	105.3	108.8	111.9	114.9	117.8	120.5	123.0	125.1	126.9	128.4
70°	120.2	124.3	128.5	132.5	136.0	139.3	142.3	144.9	147.2	149.1	150.7
67.5°	138.3	143.0	147.8	152.2	156.1	159.6	162.9	166.0	168.8	170.9	172.4
65°	156.3	161.6	166.7	171.2	175.2	178.8	182.6	185.8	188.6	190.7	192.0
62.5°	173.8	179.5	184.4	189.1	193.6	197.5	200.7	203.7	206.4	208.7	210.1
60°	189.4	195.3	200.2	204.6	208.7	212.5	215.6	218.8	221.7	224.3	226.3
57.5°	203.2	208.7	213.6	217.6	221.3	224.6	227.7	230.3	232.4	234.0	235.3
55°	215.2	220.1	224.7	228.6	231.9	234.6	236.9	238.7	240.1	241.2	242.0
52.5°	225.4	230.0	234.6	238.4	240.9	243.1	245.1	247.3	248.5	248.7	248.6
50°	233.7	238.6	242.6	246.0	249.4	253.2	257.2	259.1	259.9	259.4	258.7
47.5°	241.2	246.0	250.4	254.7	259.6	266.0	272.4	275.5	275.2	273.9	273.2
45°	248.7	253.8	259.1	265.6	272.4	280.7	288.2	292.9	293.0	293.2	294.3
42.5°	256.4	262.8	270.0	278.8	287.8	297.1	305.1	311.0	315.4	320.7	325.2
40°	265.9	273.1	283.8	294.7	306.5	316.3	328.8	339.4	348.2	356.2	362.3
37.5°	277.1	287.4	301.0	315.0	330.3	345.6	360.1	373.6	385.2	398.4	408.2
35°	290.5	305.1	321.7	339.3	358.3	377.7	396.3	417.9	436.9	453.9	467.7
32.5°	306.2	323.8	344.1	367.5	391.2	416.9	443.8	471.5	498.2	526.0	553.8
30°	321.9	345.2	371.1	399.5	427.3	460.8	495.8	541.2	588.8	643.0	726.4
27.5°	341.1	368.9	399.0	431.7	469.9	512.8	580.2	664.1	807.3	914.3	1201.6
25°	359.8	391.5	430.3	472.6	524.0	602.5	763.6	950.0	1365.1	1753.7	2202.6
22.5°	378.8	418.4	464.8	516.4	605.8	807.8	1114.7	1676.7	2317.9	2998.5	3691.7
20°	397.9	444.7	502.7	589.0	776.0	1121.7	1810.5	2713.5	3624.7	4737.7	5700.2
17.5°	419.5	477.4	553.3	683.1	991.1	1732.0	2750.8	4003.9	5413.8	6844.7	8046.2
15°	437.4	505.1	606.7	860.4	1442.0	2424.9	3758.2	5456.8	7379.3	9188.2	10731.2
12.5°	457.0	535.9	669.5	1004.3	1858.0	3150.3	4907.4	6997.6	9304.0	11782.6	15707.2
10°	475.1	566.8	774.8	1303.1	2337.6	3883.3	5936.6	8291.7	11088.7	16051.5	25328.6
7.5°	490.4	591.4	854.0	1525.8	2771.6	4574.8	6775.6	9398.2	13603.4	21941.1	37552.4
5°	500.8	607.7	909.1	1692.5	3117.3	5084.9	7311.9	10126.9	16169.0	29140.4	47937.9
2.5°	508.1	616.5	938.5	1789.6	3336.1	5422.7	7691.9	10617.2	17891.4	33304.7	55328.3
0°	513.6	619.1	944.4	1873.8	3410.2	5537.1	7710.7	10748.8	18482.1	34930.7	57961.7
-2.5°	508.1	616.5	938.5	1789.6	3336.1	5422.7	7691.9	10617.2	17891.4	33304.7	55328.3
-5°	500.8	607.7	909.1	1692.5	3117.3	5084.9	7311.9	10126.9	16169.0	29140.4	47937.9
-7.5°	490.4	591.4	854.0	1525.8	2771.6	4574.8	6775.6	9398.2	13603.4	21941.1	37552.4
-10°	475.1	566.8	774.8	1303.1	2337.6	3883.3	5936.6	8291.7	11088.7	16051.5	25328.6
-12.5°	457.0	535.9	669.5	1004.3	1858.0	3150.3	4907.4	6997.6	9304.0	11782.6	15707.2
-15°	437.4	505.1	606.7	860.4	1442.0	2424.9	3758.2	5456.8	7379.3	9188.2	10731.2
-17.5°	419.5	477.4	553.3	683.1	991.1	1732.0	2750.8	4003.9	5413.8	6844.7	8046.2
-20°	397.9	444.7	502.7	589.0	776.0	1121.7	1810.5	2713.5	3624.7	4737.7	5700.2



REPORT NUMBER: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	378.8	418.4	464.8	516.4	605.8	807.8	1114.7	1676.7	2317.9	2998.5	3691.7
-25°	359.8	391.5	430.3	472.6	524.0	602.5	763.6	950.0	1365.1	1753.7	2202.6
-27.5°	341.1	368.9	399.0	431.7	469.9	512.8	580.2	664.1	807.3	914.3	1201.6
-30°	321.9	345.2	371.1	399.5	427.3	460.8	495.8	541.2	588.8	643.0	726.4
-32.5°	306.2	323.8	344.1	367.5	391.2	416.9	443.8	471.5	498.2	526.0	553.8
-35°	290.5	305.1	321.7	339.3	358.3	377.7	396.3	417.9	436.9	453.9	467.7
-37.5°	277.1	287.4	301.0	315.0	330.3	345.6	360.1	373.6	385.2	398.4	408.2
-40°	265.9	273.1	283.8	294.7	306.5	316.3	328.8	339.4	348.2	356.2	362.3
-42.5°	256.4	262.8	270.0	278.8	287.8	297.1	305.1	311.0	315.4	320.7	325.2
-45°	248.7	253.8	259.1	265.6	272.4	280.7	288.2	292.9	293.0	293.2	294.3
-47.5°	241.2	246.0	250.4	254.7	259.6	266.0	272.4	275.5	275.2	273.9	273.2
-50°	233.7	238.6	242.6	246.0	249.4	253.2	257.2	259.1	259.9	259.4	258.7
-52.5°	225.4	230.0	234.6	238.4	240.9	243.1	245.1	247.3	248.5	248.7	248.6
-55°	215.2	220.1	224.7	228.6	231.9	234.6	236.9	238.7	240.1	241.2	242.0
-57.5°	203.2	208.7	213.6	217.6	221.3	224.6	227.7	230.3	232.4	234.0	235.3
-60°	189.4	195.3	200.2	204.6	208.7	212.5	215.6	218.8	221.7	224.3	226.3
-62.5°	173.8	179.5	184.4	189.1	193.6	197.5	200.7	203.7	206.4	208.7	210.1
-65°	156.3	161.6	166.7	171.2	175.2	178.8	182.6	185.8	188.6	190.7	192.0
-67.5°	138.3	143.0	147.8	152.2	156.1	159.6	162.9	166.0	168.8	170.9	172.4
-70°	120.2	124.3	128.5	132.5	136.0	139.3	142.3	144.9	147.2	149.1	150.7
-72.5°	101.5	105.3	108.8	111.9	114.9	117.8	120.5	123.0	125.1	126.9	128.4
-75°	82.1	85.4	88.6	91.5	94.0	96.3	98.3	100.2	101.9	103.4	104.7
-77.5°	63.7	66.3	68.6	70.9	73.0	75.0	76.7	78.1	79.2	80.6	81.9
-80°	45.4	47.4	49.3	50.9	52.4	54.1	55.9	57.4	58.9	59.8	60.5
-82.5°	30.2	31.4	32.5	33.5	34.5	35.7	36.8	37.8	38.8	39.4	39.9
-85°	17.7	18.2	18.8	19.3	19.8	20.4	20.9	21.3	21.7	22.3	22.9
-87.5°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.8	8.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-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°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.2
85°	23.5	24.0	23.3	22.6	23.3	24.0	23.5	22.9	22.3	21.7	21.3
82.5°	40.3	40.5	40.7	40.7	40.7	40.5	40.3	39.9	39.4	38.8	37.8
80°	61.1	61.5	62.5	63.3	62.5	61.5	61.1	60.5	59.8	58.9	57.4
77.5°	83.0	83.9	84.3	84.4	84.3	83.9	83.0	81.9	80.6	79.2	78.1
75°	105.7	106.4	108.3	110.0	108.3	106.4	105.7	104.7	103.4	101.9	100.2
72.5°	129.5	130.3	131.6	132.6	131.6	130.3	129.5	128.4	126.9	125.1	123.0
70°	152.0	152.9	153.4	153.6	153.4	152.9	152.0	150.7	149.1	147.2	144.9
67.5°	173.4	174.0	173.8	173.2	173.8	174.0	173.4	172.4	170.9	168.8	166.0
65°	193.0	193.6	193.4	192.8	193.4	193.6	193.0	192.0	190.7	188.6	185.8
62.5°	211.1	211.7	212.2	212.4	212.2	211.7	211.1	210.1	208.7	206.4	203.7
60°	228.0	229.5	230.3	230.5	230.3	229.5	228.0	226.3	224.3	221.7	218.8
57.5°	236.5	237.4	237.9	238.0	237.9	237.4	236.5	235.3	234.0	232.4	230.3
55°	242.3	242.4	241.9	241.0	241.9	242.4	242.3	242.0	241.2	240.1	238.7
52.5°	248.1	247.3	246.9	247.0	246.9	247.3	248.1	248.6	248.7	248.5	247.3
50°	257.9	256.5	255.9	256.1	255.9	256.5	257.9	258.7	259.4	259.9	259.1
47.5°	274.1	274.7	275.2	275.6	275.2	274.7	274.1	273.2	273.9	275.2	275.5
45°	297.3	299.4	300.7	301.3	300.7	299.4	297.3	294.3	293.2	293.0	292.9
42.5°	329.7	332.3	333.2	332.9	333.2	332.3	329.7	325.2	320.7	315.4	311.0
40°	368.6	373.7	376.6	376.6	376.6	373.7	368.6	362.3	356.2	348.2	339.4
37.5°	417.1	423.9	427.3	426.3	427.3	423.9	417.1	408.2	398.4	385.2	373.6
35°	478.3	485.0	487.8	491.0	487.8	485.0	478.3	467.7	453.9	436.9	417.9
32.5°	575.7	589.4	594.9	587.4	594.9	589.4	575.7	553.8	526.0	498.2	471.5
30°	782.7	832.8	866.3	882.7	866.3	832.8	782.7	726.4	643.0	588.8	541.2
27.5°	1399.4	1530.2	1585.6	1616.2	1585.6	1530.2	1399.4	1201.6	914.3	807.3	664.1
25°	2587.1	2866.4	3027.2	3014.1	3027.2	2866.4	2587.1	2202.6	1753.7	1365.1	950.0
22.5°	4335.8	4776.4	5040.8	5137.9	5040.8	4776.4	4335.8	3691.7	2998.5	2317.9	1676.7
20°	6503.6	6997.8	7256.2	7294.9	7256.2	6997.8	6503.6	5700.2	4737.7	3624.7	2713.5
17.5°	8991.7	9460.2	9732.5	9729.1	9732.5	9460.2	8991.7	8046.2	6844.7	5413.8	4003.9
15°	12832.8	14646.1	15668.6	15519.2	15668.6	14646.1	12832.8	10731.2	9188.2	7379.3	5456.8
12.5°	21027.4	28269.8	32762.3	33871.7	32762.3	28269.8	21027.4	15707.2	11782.6	9304.0	6997.6
10°	37158.2	47993.4	56646.5	59147.1	56646.5	47993.4	37158.2	25328.6	16051.5	11088.7	8291.7
7.5°	53449.7	66309.3	71601.5	72216.4	71601.5	66309.3	53449.7	37552.4	21941.1	13603.4	9398.2
5°	65746.5	78831.6	80346.1	76541.7	80346.1	78831.6	65746.5	47937.9	29140.4	16169.0	10126.9
2.5°	73863.5	83749.5	85161.2	83113.6	85161.2	83749.5	73863.5	55328.3	33304.7	17891.4	10617.2
0°	75714.7	82441.8	84447.4	84666.5	84447.4	82441.8	75714.7	57961.7	34930.7	18482.1	10748.8
-2.5°	73863.5	83749.5	85161.2	83113.6	85161.2	83749.5	73863.5	55328.3	33304.7	17891.4	10617.2
-5°	65746.5	78831.6	80346.1	76541.7	80346.1	78831.6	65746.5	47937.9	29140.4	16169.0	10126.9
-7.5°	53449.7	66309.3	71601.5	72216.4	71601.5	66309.3	53449.7	37552.4	21941.1	13603.4	9398.2
-10°	37158.2	47993.4	56646.5	59147.1	56646.5	47993.4	37158.2	25328.6	16051.5	11088.7	8291.7
-12.5°	21027.4	28269.8	32762.3	33871.7	32762.3	28269.8	21027.4	15707.2	11782.6	9304.0	6997.6
-15°	12832.8	14646.1	15668.6	15519.2	15668.6	14646.1	12832.8	10731.2	9188.2	7379.3	5456.8
-17.5°	8991.7	9460.2	9732.5	9729.1	9732.5	9460.2	8991.7	8046.2	6844.7	5413.8	4003.9
-20°	6503.6	6997.8	7256.2	7294.9	7256.2	6997.8	6503.6	5700.2	4737.7	3624.7	2713.5



REPORT NUMBER: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-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°	4335.8	4776.4	5040.8	5137.9	5040.8	4776.4	4335.8	3691.7	2998.5	2317.9	1676.7
-25°	2587.1	2866.4	3027.2	3014.1	3027.2	2866.4	2587.1	2202.6	1753.7	1365.1	950.0
-27.5°	1399.4	1530.2	1585.6	1616.2	1585.6	1530.2	1399.4	1201.6	914.3	807.3	664.1
-30°	782.7	832.8	866.3	882.7	866.3	832.8	782.7	726.4	643.0	588.8	541.2
-32.5°	575.7	589.4	594.9	587.4	594.9	589.4	575.7	553.8	526.0	498.2	471.5
-35°	478.3	485.0	487.8	491.0	487.8	485.0	478.3	467.7	453.9	436.9	417.9
-37.5°	417.1	423.9	427.3	426.3	427.3	423.9	417.1	408.2	398.4	385.2	373.6
-40°	368.6	373.7	376.6	376.6	376.6	373.7	368.6	362.3	356.2	348.2	339.4
-42.5°	329.7	332.3	333.2	332.9	333.2	332.3	329.7	325.2	320.7	315.4	311.0
-45°	297.3	299.4	300.7	301.3	300.7	299.4	297.3	294.3	293.2	293.0	292.9
-47.5°	274.1	274.7	275.2	275.6	275.2	274.7	274.1	273.2	273.9	275.2	275.5
-50°	257.9	256.5	255.9	256.1	255.9	256.5	257.9	258.7	259.4	259.9	259.1
-52.5°	248.1	247.3	246.9	247.0	246.9	247.3	248.1	248.6	248.7	248.5	247.3
-55°	242.3	242.4	241.9	241.0	241.9	242.4	242.3	242.0	241.2	240.1	238.7
-57.5°	236.5	237.4	237.9	238.0	237.9	237.4	236.5	235.3	234.0	232.4	230.3
-60°	228.0	229.5	230.3	230.5	230.3	229.5	228.0	226.3	224.3	221.7	218.8
-62.5°	211.1	211.7	212.2	212.4	212.2	211.7	211.1	210.1	208.7	206.4	203.7
-65°	193.0	193.6	193.4	192.8	193.4	193.6	193.0	192.0	190.7	188.6	185.8
-67.5°	173.4	174.0	173.8	173.2	173.8	174.0	173.4	172.4	170.9	168.8	166.0
-70°	152.0	152.9	153.4	153.6	153.4	152.9	152.0	150.7	149.1	147.2	144.9
-72.5°	129.5	130.3	131.6	132.6	131.6	130.3	129.5	128.4	126.9	125.1	123.0
-75°	105.7	106.4	108.3	110.0	108.3	106.4	105.7	104.7	103.4	101.9	100.2
-77.5°	83.0	83.9	84.3	84.4	84.3	83.9	83.0	81.9	80.6	79.2	78.1
-80°	61.1	61.5	62.5	63.3	62.5	61.5	61.1	60.5	59.8	58.9	57.4
-82.5°	40.3	40.5	40.7	40.7	40.7	40.5	40.3	39.9	39.4	38.8	37.8
-85°	23.5	24.0	23.3	22.6	23.3	24.0	23.5	22.9	22.3	21.7	21.3
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.2
-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: P558911 (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°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
85°	20.9	20.4	19.8	19.3	18.8	18.2	17.7	16.7	15.8	14.9	14.0
82.5°	36.8	35.7	34.5	33.5	32.5	31.4	30.2	28.8	27.2	25.4	23.5
80°	55.9	54.1	52.4	50.9	49.3	47.4	45.4	43.3	41.3	39.3	37.2
77.5°	76.7	75.0	73.0	70.9	68.6	66.3	63.7	60.8	57.8	54.8	51.7
75°	98.3	96.3	94.0	91.5	88.6	85.4	82.1	78.5	74.8	70.8	66.8
72.5°	120.5	117.8	114.9	111.9	108.8	105.3	101.5	97.2	92.6	87.5	82.6
70°	142.3	139.3	136.0	132.5	128.5	124.3	120.2	115.8	111.2	105.9	99.7
67.5°	162.9	159.6	156.1	152.2	147.8	143.0	138.3	133.3	128.1	122.5	116.1
65°	182.6	178.8	175.2	171.2	166.7	161.6	156.3	150.7	144.8	138.5	131.6
62.5°	200.7	197.5	193.6	189.1	184.4	179.5	173.8	167.4	161.0	154.2	146.6
60°	215.6	212.5	208.7	204.6	200.2	195.3	189.4	183.0	176.4	168.9	161.0
57.5°	227.7	224.6	221.3	217.6	213.6	208.7	203.2	197.3	190.4	182.8	174.8
55°	236.9	234.6	231.9	228.6	224.7	220.1	215.2	209.5	202.9	195.9	187.4
52.5°	245.1	243.1	240.9	238.4	234.6	230.0	225.4	219.8	214.0	206.9	199.1
50°	257.2	253.2	249.4	246.0	242.6	238.6	233.7	228.7	223.2	216.7	209.3
47.5°	272.4	266.0	259.6	254.7	250.4	246.0	241.2	236.3	231.1	225.2	218.0
45°	288.2	280.7	272.4	265.6	259.1	253.8	248.7	243.7	238.5	232.6	225.9
42.5°	305.1	297.1	287.8	278.8	270.0	262.8	256.4	251.1	245.4	239.6	232.8
40°	328.8	316.3	306.5	294.7	283.8	273.1	265.9	258.8	252.5	245.9	239.3
37.5°	360.1	345.6	330.3	315.0	301.0	287.4	277.1	268.3	260.0	252.7	245.2
35°	396.3	377.7	358.3	339.3	321.7	305.1	290.5	279.0	269.2	260.1	251.4
32.5°	443.8	416.9	391.2	367.5	344.1	323.8	306.2	291.3	279.3	268.9	258.6
30°	495.8	460.8	427.3	399.5	371.1	345.2	321.9	304.2	290.2	278.3	266.2
27.5°	580.2	512.8	469.9	431.7	399.0	368.9	341.1	315.8	300.3	287.6	274.6
25°	763.6	602.5	524.0	472.6	430.3	391.5	359.8	331.0	309.4	295.5	279.1
22.5°	1114.7	807.8	605.8	516.4	464.8	418.4	378.8	346.4	316.6	299.0	282.1
20°	1810.5	1121.7	776.0	589.0	502.7	444.7	397.9	361.3	328.4	303.0	284.2
17.5°	2750.8	1732.0	991.1	683.1	553.3	477.4	419.5	375.1	339.0	307.4	285.5
15°	3758.2	2424.9	1442.0	860.4	606.7	505.1	437.4	387.8	348.8	313.9	288.7
12.5°	4907.4	3150.3	1858.0	1004.3	669.5	535.9	457.0	401.7	358.6	321.7	293.7
10°	5936.6	3883.3	2337.6	1303.1	774.8	566.8	475.1	414.0	367.7	328.1	297.7
7.5°	6775.6	4574.8	2771.6	1525.8	854.0	591.4	490.4	424.4	375.2	332.8	300.5
5°	7311.9	5084.9	3117.3	1692.5	909.1	607.7	500.8	432.1	380.8	335.8	302.3
2.5°	7691.9	5422.7	3336.1	1789.6	938.5	616.5	508.1	436.8	385.0	339.4	305.3
0°	7710.7	5537.1	3410.2	1873.8	944.4	619.1	513.6	438.3	387.1	341.9	307.3
-2.5°	7691.9	5422.7	3336.1	1789.6	938.5	616.5	508.1	436.8	385.0	339.4	305.3
-5°	7311.9	5084.9	3117.3	1692.5	909.1	607.7	500.8	432.1	380.8	335.8	302.3
-7.5°	6775.6	4574.8	2771.6	1525.8	854.0	591.4	490.4	424.4	375.2	332.8	300.5
-10°	5936.6	3883.3	2337.6	1303.1	774.8	566.8	475.1	414.0	367.7	328.1	297.7
-12.5°	4907.4	3150.3	1858.0	1004.3	669.5	535.9	457.0	401.7	358.6	321.7	293.7
-15°	3758.2	2424.9	1442.0	860.4	606.7	505.1	437.4	387.8	348.8	313.9	288.7
-17.5°	2750.8	1732.0	991.1	683.1	553.3	477.4	419.5	375.1	339.0	307.4	285.5
-20°	1810.5	1121.7	776.0	589.0	502.7	444.7	397.9	361.3	328.4	303.0	284.2



REPORT NUMBER: P558911 (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°	1114.7	807.8	605.8	516.4	464.8	418.4	378.8	346.4	316.6	299.0	282.1
-25°	763.6	602.5	524.0	472.6	430.3	391.5	359.8	331.0	309.4	295.5	279.1
-27.5°	580.2	512.8	469.9	431.7	399.0	368.9	341.1	315.8	300.3	287.6	274.6
-30°	495.8	460.8	427.3	399.5	371.1	345.2	321.9	304.2	290.2	278.3	266.2
-32.5°	443.8	416.9	391.2	367.5	344.1	323.8	306.2	291.3	279.3	268.9	258.6
-35°	396.3	377.7	358.3	339.3	321.7	305.1	290.5	279.0	269.2	260.1	251.4
-37.5°	360.1	345.6	330.3	315.0	301.0	287.4	277.1	268.3	260.0	252.7	245.2
-40°	328.8	316.3	306.5	294.7	283.8	273.1	265.9	258.8	252.5	245.9	239.3
-42.5°	305.1	297.1	287.8	278.8	270.0	262.8	256.4	251.1	245.4	239.6	232.8
-45°	288.2	280.7	272.4	265.6	259.1	253.8	248.7	243.7	238.5	232.6	225.9
-47.5°	272.4	266.0	259.6	254.7	250.4	246.0	241.2	236.3	231.1	225.2	218.0
-50°	257.2	253.2	249.4	246.0	242.6	238.6	233.7	228.7	223.2	216.7	209.3
-52.5°	245.1	243.1	240.9	238.4	234.6	230.0	225.4	219.8	214.0	206.9	199.1
-55°	236.9	234.6	231.9	228.6	224.7	220.1	215.2	209.5	202.9	195.9	187.4
-57.5°	227.7	224.6	221.3	217.6	213.6	208.7	203.2	197.3	190.4	182.8	174.8
-60°	215.6	212.5	208.7	204.6	200.2	195.3	189.4	183.0	176.4	168.9	161.0
-62.5°	200.7	197.5	193.6	189.1	184.4	179.5	173.8	167.4	161.0	154.2	146.6
-65°	182.6	178.8	175.2	171.2	166.7	161.6	156.3	150.7	144.8	138.5	131.6
-67.5°	162.9	159.6	156.1	152.2	147.8	143.0	138.3	133.3	128.1	122.5	116.1
-70°	142.3	139.3	136.0	132.5	128.5	124.3	120.2	115.8	111.2	105.9	99.7
-72.5°	120.5	117.8	114.9	111.9	108.8	105.3	101.5	97.2	92.6	87.5	82.6
-75°	98.3	96.3	94.0	91.5	88.6	85.4	82.1	78.5	74.8	70.8	66.8
-77.5°	76.7	75.0	73.0	70.9	68.6	66.3	63.7	60.8	57.8	54.8	51.7
-80°	55.9	54.1	52.4	50.9	49.3	47.4	45.4	43.3	41.3	39.3	37.2
-82.5°	36.8	35.7	34.5	33.5	32.5	31.4	30.2	28.8	27.2	25.4	23.5
-85°	20.9	20.4	19.8	19.3	18.8	18.2	17.7	16.7	15.8	14.9	14.0
-87.5°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
-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: P558911 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-927-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°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
85°	13.4	12.7	11.9	11.0	10.0	9.0	8.3	7.6	6.9	6.1	5.4
82.5°	22.0	20.9	19.9	18.8	17.5	16.1	14.6	13.0	11.1	9.3	8.1
80°	34.9	32.5	30.2	27.8	25.5	23.3	21.4	19.3	16.7	14.2	11.7
77.5°	48.4	44.9	41.3	38.0	34.9	31.8	28.8	25.7	22.2	19.0	15.9
75°	62.4	58.2	53.9	49.5	44.9	40.3	36.4	32.5	28.3	23.8	19.9
72.5°	77.8	72.6	67.0	61.2	55.9	50.4	44.8	39.4	34.6	29.5	24.2
70°	93.4	87.3	81.2	74.3	67.3	60.5	54.1	47.5	40.9	35.2	29.3
67.5°	109.1	101.8	94.7	87.2	79.3	71.3	63.4	56.0	48.5	40.9	34.3
65°	124.1	116.1	107.6	99.3	90.8	82.0	73.1	64.4	56.0	47.5	39.3
62.5°	138.7	130.4	121.1	111.4	101.9	92.4	82.7	73.1	63.4	54.1	44.8
60°	152.8	143.8	134.2	123.6	112.9	102.4	92.0	81.7	71.1	60.5	50.4
57.5°	165.9	156.8	146.3	135.3	123.9	112.4	101.2	90.0	78.7	67.1	55.9
55°	178.5	168.7	157.9	146.4	134.4	122.0	110.2	98.2	86.0	73.7	61.2
52.5°	190.2	180.0	168.8	157.0	144.4	131.6	119.1	106.1	93.1	80.0	66.8
50°	200.7	190.5	179.0	166.9	154.1	140.9	127.8	114.0	100.1	86.2	72.2
47.5°	210.0	199.9	188.5	176.2	163.0	149.8	136.1	121.8	106.7	92.1	77.6
45°	217.8	208.5	197.3	184.8	171.9	158.2	143.8	129.5	113.6	97.9	82.7
42.5°	225.2	216.1	205.4	193.0	180.1	166.2	151.3	136.3	120.2	103.5	87.6
40°	231.5	223.0	212.8	200.8	188.1	174.1	158.4	142.6	126.6	109.0	92.3
37.5°	237.6	229.1	219.2	208.6	195.7	181.2	165.3	148.6	132.5	114.4	96.8
35°	243.1	234.5	225.8	215.4	202.7	188.0	172.0	154.4	137.5	119.4	101.0
32.5°	248.6	239.6	230.9	221.1	209.4	194.6	178.1	160.0	142.2	124.1	105.0
30°	254.7	244.2	235.5	226.4	215.5	200.6	183.6	165.0	146.7	128.5	108.7
27.5°	259.7	247.9	239.5	230.6	220.1	206.2	188.4	169.6	150.8	132.4	112.3
25°	263.8	251.5	242.5	234.2	224.3	210.7	192.8	173.7	154.6	135.7	115.6
22.5°	267.0	254.6	244.9	237.4	228.2	214.7	196.7	177.3	158.0	138.8	118.5
20°	268.8	256.8	246.7	240.1	231.5	217.7	199.9	180.5	160.9	141.5	121.1
17.5°	269.4	258.5	248.9	241.8	233.9	220.7	202.8	183.3	163.5	144.0	123.5
15°	271.9	260.1	250.6	243.3	236.0	223.6	205.3	185.7	165.6	146.1	125.5
12.5°	274.6	261.2	251.7	244.5	237.7	226.4	207.3	187.7	167.3	147.9	127.2
10°	277.0	262.0	252.3	245.5	239.1	229.1	208.9	189.3	169.1	149.4	128.5
7.5°	278.8	262.4	252.5	246.2	240.1	231.1	210.4	190.5	170.6	150.6	129.6
5°	280.2	262.6	252.3	246.7	241.1	232.4	211.5	191.2	171.8	151.4	130.4
2.5°	281.3	262.5	252.0	246.9	241.9	233.2	212.2	191.5	172.7	151.9	130.8
0°	281.7	262.1	251.5	247.0	242.5	233.5	212.4	191.3	173.2	152.1	131.0
-2.5°	281.3	262.5	252.0	246.9	241.9	233.2	212.2	191.5	172.7	151.9	130.8
-5°	280.2	262.6	252.3	246.7	241.1	232.4	211.5	191.2	171.8	151.4	130.4
-7.5°	278.8	262.4	252.5	246.2	240.1	231.1	210.4	190.5	170.6	150.6	129.6
-10°	277.0	262.0	252.3	245.5	239.1	229.1	208.9	189.3	169.1	149.4	128.5
-12.5°	274.6	261.2	251.7	244.5	237.7	226.4	207.3	187.7	167.3	147.9	127.2
-15°	271.9	260.1	250.6	243.3	236.0	223.6	205.3	185.7	165.6	146.1	125.5
-17.5°	269.4	258.5	248.9	241.8	233.9	220.7	202.8	183.3	163.5	144.0	123.5
-20°	268.8	256.8	246.7	240.1	231.5	217.7	199.9	180.5	160.9	141.5	121.1



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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°	267.0	254.6	244.9	237.4	228.2	214.7	196.7	177.3	158.0	138.8	118.5
-25°	263.8	251.5	242.5	234.2	224.3	210.7	192.8	173.7	154.6	135.7	115.6
-27.5°	259.7	247.9	239.5	230.6	220.1	206.2	188.4	169.6	150.8	132.4	112.3
-30°	254.7	244.2	235.5	226.4	215.5	200.6	183.6	165.0	146.7	128.5	108.7
-32.5°	248.6	239.6	230.9	221.1	209.4	194.6	178.1	160.0	142.2	124.1	105.0
-35°	243.1	234.5	225.8	215.4	202.7	188.0	172.0	154.4	137.5	119.4	101.0
-37.5°	237.6	229.1	219.2	208.6	195.7	181.2	165.3	148.6	132.5	114.4	96.8
-40°	231.5	223.0	212.8	200.8	188.1	174.1	158.4	142.6	126.6	109.0	92.3
-42.5°	225.2	216.1	205.4	193.0	180.1	166.2	151.3	136.3	120.2	103.5	87.6
-45°	217.8	208.5	197.3	184.8	171.9	158.2	143.8	129.5	113.6	97.9	82.7
-47.5°	210.0	199.9	188.5	176.2	163.0	149.8	136.1	121.8	106.7	92.1	77.6
-50°	200.7	190.5	179.0	166.9	154.1	140.9	127.8	114.0	100.1	86.2	72.2
-52.5°	190.2	180.0	168.8	157.0	144.4	131.6	119.1	106.1	93.1	80.0	66.8
-55°	178.5	168.7	157.9	146.4	134.4	122.0	110.2	98.2	86.0	73.7	61.2
-57.5°	165.9	156.8	146.3	135.3	123.9	112.4	101.2	90.0	78.7	67.1	55.9
-60°	152.8	143.8	134.2	123.6	112.9	102.4	92.0	81.7	71.1	60.5	50.4
-62.5°	138.7	130.4	121.1	111.4	101.9	92.4	82.7	73.1	63.4	54.1	44.8
-65°	124.1	116.1	107.6	99.3	90.8	82.0	73.1	64.4	56.0	47.5	39.3
-67.5°	109.1	101.8	94.7	87.2	79.3	71.3	63.4	56.0	48.5	40.9	34.3
-70°	93.4	87.3	81.2	74.3	67.3	60.5	54.1	47.5	40.9	35.2	29.3
-72.5°	77.8	72.6	67.0	61.2	55.9	50.4	44.8	39.4	34.6	29.5	24.2
-75°	62.4	58.2	53.9	49.5	44.9	40.3	36.4	32.5	28.3	23.8	19.9
-77.5°	48.4	44.9	41.3	38.0	34.9	31.8	28.8	25.7	22.2	19.0	15.9
-80°	34.9	32.5	30.2	27.8	25.5	23.3	21.4	19.3	16.7	14.2	11.7
-82.5°	22.0	20.9	19.9	18.8	17.5	16.1	14.6	13.0	11.1	9.3	8.1
-85°	13.4	12.7	11.9	11.0	10.0	9.0	8.3	7.6	6.9	6.1	5.4
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-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°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.4	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	12.9	10.0	7.8	5.8	3.9	1.9	0.0
75°	16.3	13.0	9.4	7.0	4.7	2.3	0.0
72.5°	19.8	15.9	11.8	8.1	5.4	2.7	0.0
70°	23.3	18.8	14.2	9.3	6.1	3.1	0.0
67.5°	27.7	21.7	16.6	11.2	6.9	3.4	0.0
65°	32.0	24.9	18.9	12.9	7.6	3.8	0.0
62.5°	36.2	28.3	21.2	14.7	8.3	4.2	0.0
60°	40.2	31.7	23.4	16.4	9.0	4.5	0.0
57.5°	44.9	35.0	26.0	18.1	10.1	4.8	0.0
55°	49.5	38.1	28.5	19.7	11.2	5.2	0.0
52.5°	53.9	41.3	30.9	21.3	12.3	5.5	0.0
50°	58.2	44.9	33.3	22.9	13.3	5.8	0.0
47.5°	62.5	48.4	35.5	24.4	14.3	6.1	0.0
45°	66.9	51.7	37.7	26.0	15.2	6.4	0.0
42.5°	71.1	54.9	39.7	27.6	16.2	6.6	0.0
40°	75.2	58.0	41.9	29.0	17.0	6.9	0.0
37.5°	79.2	60.8	44.2	30.4	17.8	7.1	0.0
35°	82.9	63.8	46.4	31.7	18.6	7.4	0.0
32.5°	86.4	66.7	48.5	32.9	19.4	7.6	0.0
30°	89.6	69.5	50.4	34.0	20.0	7.8	0.0
27.5°	92.6	72.0	52.2	35.0	20.7	8.0	0.0
25°	95.3	74.4	54.0	36.0	21.3	8.2	0.0
22.5°	97.8	76.6	55.6	36.9	21.8	8.3	0.0
20°	100.1	78.6	57.0	37.7	22.3	8.5	0.0
17.5°	102.1	80.3	58.3	38.4	22.7	8.6	0.0
15°	103.8	81.8	59.5	39.0	23.1	8.7	0.0
12.5°	105.2	83.1	60.5	39.5	23.4	8.8	0.0
10°	106.4	84.1	61.4	39.9	23.6	8.9	0.0
7.5°	107.3	84.9	62.1	40.3	23.8	8.9	0.0
5°	108.0	85.5	62.7	40.5	24.0	9.0	0.0
2.5°	108.4	85.8	63.1	40.7	24.1	9.0	0.0
0°	108.5	85.9	63.3	40.7	24.1	9.0	0.0
-2.5°	108.4	85.8	63.1	40.7	24.1	9.0	0.0
-5°	108.0	85.5	62.7	40.5	24.0	9.0	0.0
-7.5°	107.3	84.9	62.1	40.3	23.8	8.9	0.0
-10°	106.4	84.1	61.4	39.9	23.6	8.9	0.0
-12.5°	105.2	83.1	60.5	39.5	23.4	8.8	0.0
-15°	103.8	81.8	59.5	39.0	23.1	8.7	0.0
-17.5°	102.1	80.3	58.3	38.4	22.7	8.6	0.0
-20°	100.1	78.6	57.0	37.7	22.3	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	97.8	76.6	55.6	36.9	21.8	8.3	0.0
-25°	95.3	74.4	54.0	36.0	21.3	8.2	0.0
-27.5°	92.6	72.0	52.2	35.0	20.7	8.0	0.0
-30°	89.6	69.5	50.4	34.0	20.0	7.8	0.0
-32.5°	86.4	66.7	48.5	32.9	19.4	7.6	0.0
-35°	82.9	63.8	46.4	31.7	18.6	7.4	0.0
-37.5°	79.2	60.8	44.2	30.4	17.8	7.1	0.0
-40°	75.2	58.0	41.9	29.0	17.0	6.9	0.0
-42.5°	71.1	54.9	39.7	27.6	16.2	6.6	0.0
-45°	66.9	51.7	37.7	26.0	15.2	6.4	0.0
-47.5°	62.5	48.4	35.5	24.4	14.3	6.1	0.0
-50°	58.2	44.9	33.3	22.9	13.3	5.8	0.0
-52.5°	53.9	41.3	30.9	21.3	12.3	5.5	0.0
-55°	49.5	38.1	28.5	19.7	11.2	5.2	0.0
-57.5°	44.9	35.0	26.0	18.1	10.1	4.8	0.0
-60°	40.2	31.7	23.4	16.4	9.0	4.5	0.0
-62.5°	36.2	28.3	21.2	14.7	8.3	4.2	0.0
-65°	32.0	24.9	18.9	12.9	7.6	3.8	0.0
-67.5°	27.7	21.7	16.6	11.2	6.9	3.4	0.0
-70°	23.3	18.8	14.2	9.3	6.1	3.1	0.0
-72.5°	19.8	15.9	11.8	8.1	5.4	2.7	0.0
-75°	16.3	13.0	9.4	7.0	4.7	2.3	0.0
-77.5°	12.9	10.0	7.8	5.8	3.9	1.9	0.0
-80°	9.4	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)