

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: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558897 (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-SA4B-935-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

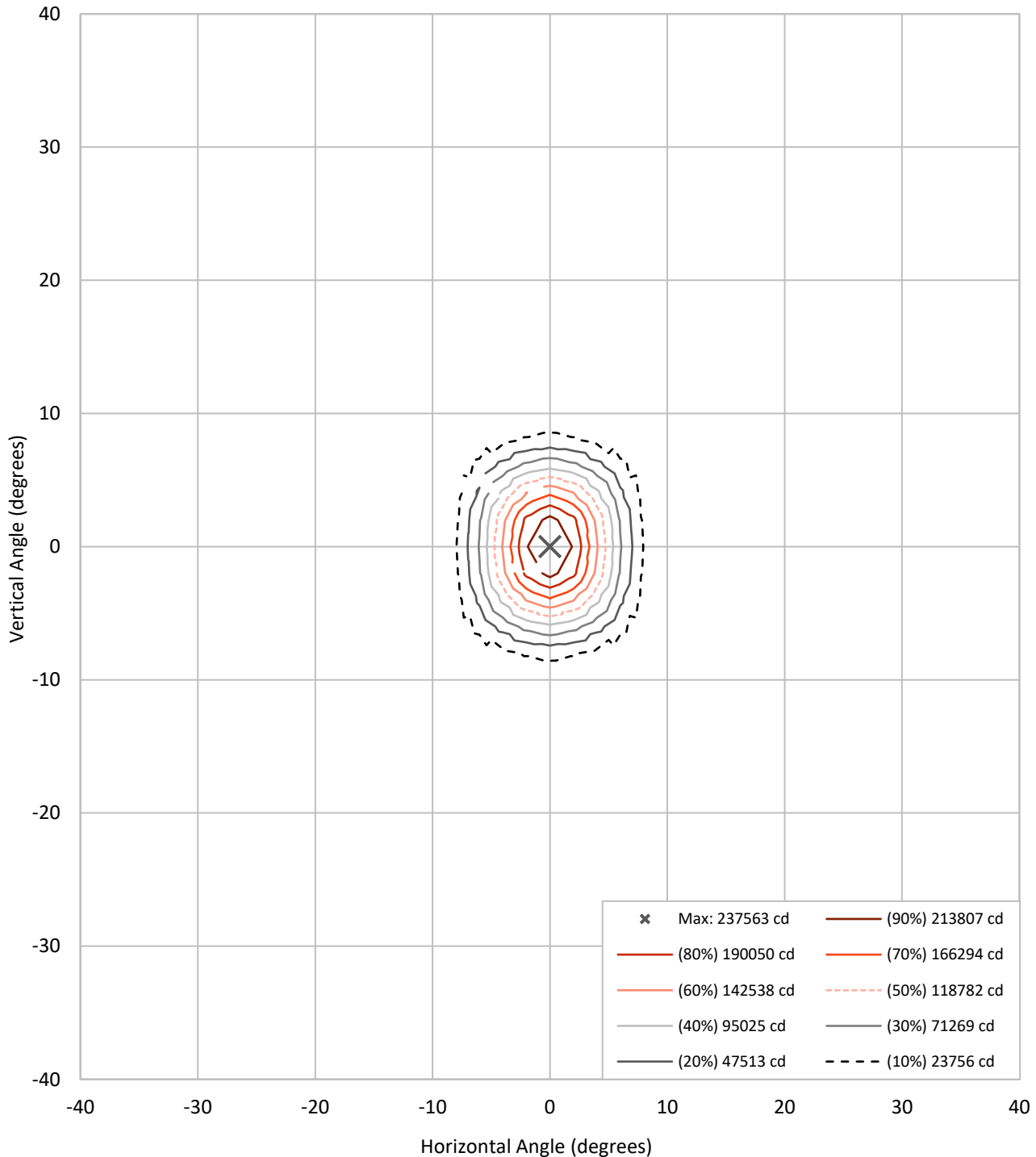
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9251.2 lumens	Max Intensity:	237563 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	73.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3965.2 lumens	Field Lumens:	6834 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 126
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





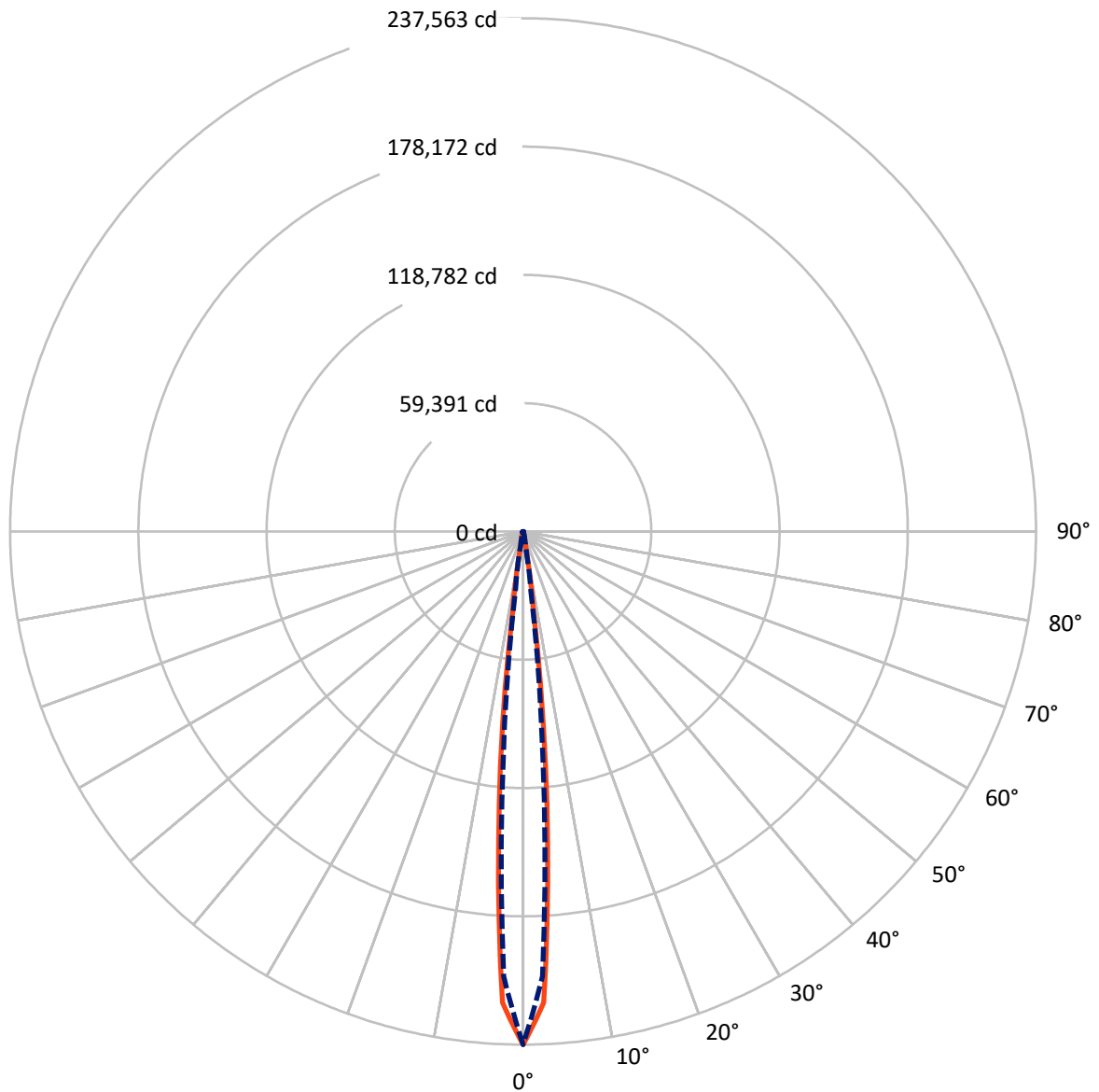
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Lumen Table

90	0.0	0.3	1.0	2.2	3.8	2.2	1.0	0.3	0.0							
80	0.0	0.3	1.0	2.2	3.8	2.2	1.0	0.3	0.0							
70	0.1	0.2	0.5	1.0	1.6	2.0	3.2	5.7	5.7	3.2	2.0	1.6	1.0	0.5	0.2	0.1
60		0.4	0.9	1.9	3.0	4.1	5.5	7.5	7.5	5.5	4.1	3.0	1.9	0.9	0.4	
50	0.5	0.6	1.4	3.0	5.2	7.8	10.1	12.0	12.0	10.1	7.8	5.2	3.0	1.4	0.6	0.5
40		1.0	2.1	4.5	8.1	11.0	12.4	13.1	13.1	12.4	11.0	8.1	4.5	2.1	1.0	
30	0.9	1.5	2.9	6.4	10.0	11.9	16.2	21.3	21.3	16.2	11.9	10.0	6.4	2.9	1.5	0.9
20		2.0	3.9	8.1	11.0	15.7	31.8	63.5	63.5	31.8	15.7	11.0	8.1	3.9	2.0	
10	1.1	2.3	4.7	9.0	11.5	20.1	62.8	1858.7	1858.7	62.8	20.1	11.5	9.0	4.7	2.3	1.1
0		2.3	4.7	9.0	11.5	20.1	62.8	1858.7	1858.7	62.8	20.1	11.5	9.0	4.7	2.3	
-10	0.9	2.0	3.9	8.1	11.0	15.7	31.8	63.5	63.5	31.8	15.7	11.0	8.1	3.9	2.0	0.9
-20		1.5	2.9	6.4	10.0	11.9	16.2	21.3	21.3	16.2	11.9	10.0	6.4	2.9	1.5	
-30	0.5	1.0	2.1	4.5	8.1	11.0	12.4	13.1	13.1	12.4	11.0	8.1	4.5	2.1	1.0	0.5
-40		0.6	1.4	3.0	5.2	7.8	10.1	12.0	12.0	10.1	7.8	5.2	3.0	1.4	0.6	
-50	0.1	0.4	0.9	1.9	3.0	4.1	5.5	7.5	7.5	5.5	4.1	3.0	1.9	0.9	0.4	0.1
-60		0.2	0.5	1.0	1.6	2.0	3.2	5.7	5.7	3.2	2.0	1.6	1.0	0.5	0.2	
-70	0.1	0.2	0.5	1.0	1.6	2.0	3.2	5.7	5.7	3.2	2.0	1.6	1.0	0.5	0.2	0.1
-80		0.3	1.0	2.2	3.8	2.2	1.0	0.3	0.0							
-90	0.0	0.3	1.0	2.2	3.8	2.2	1.0	0.3	0.0							

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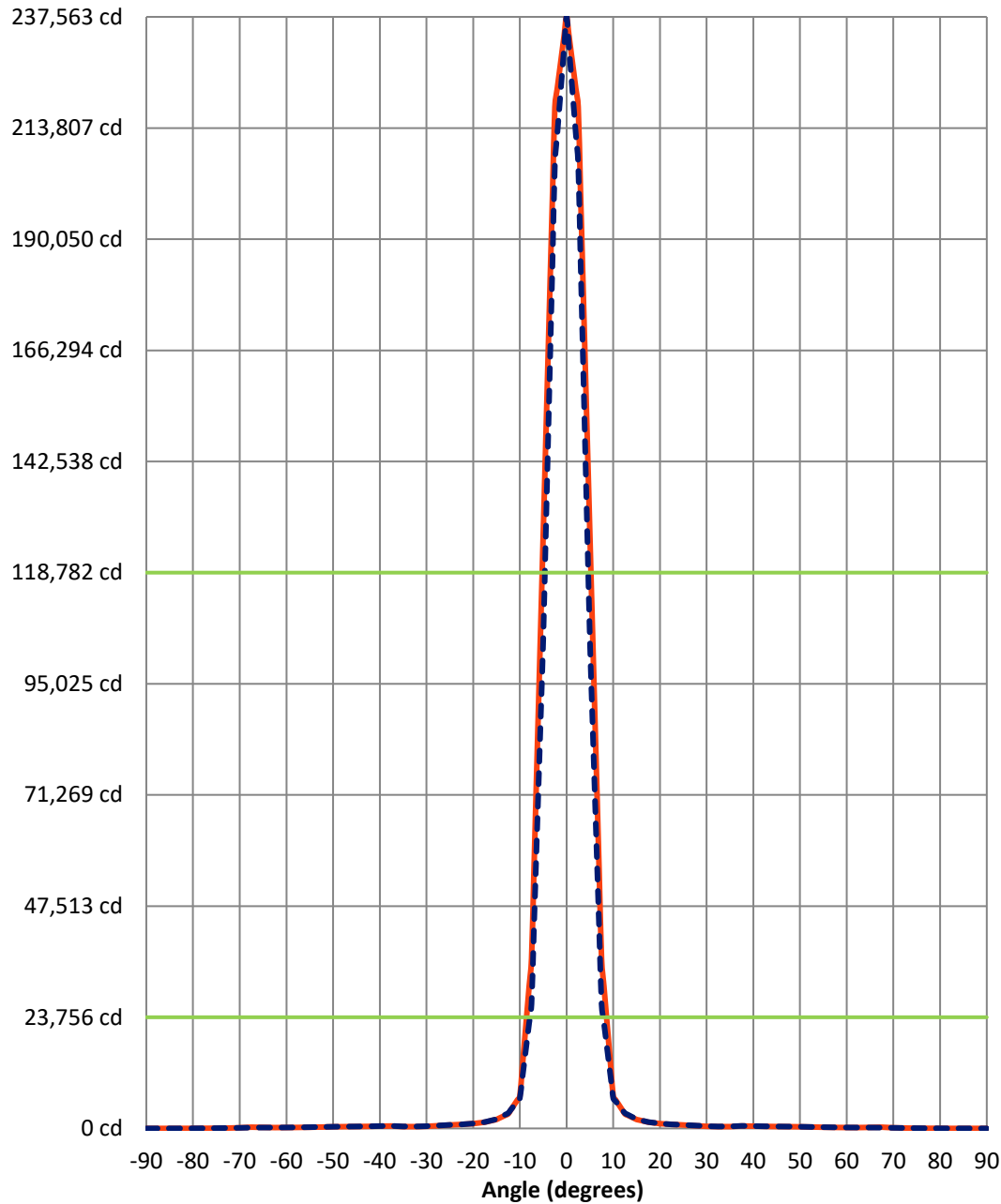
Luminous Intensity Polar Plot



— 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: 3965.2
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 6834
Efficiency: 73.9%

Spill:
Lumens: 2417.2
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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	2.7	2.7
80°	0.0	0.5	0.9	1.4	1.9	2.3	2.7	2.7	2.7	2.7	2.7
77.5°	0.0	0.6	1.2	1.7	2.3	2.7	2.7	2.7	2.7	2.7	3.0
75°	0.0	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.8	3.6	4.1
72.5°	0.0	0.8	1.6	2.4	2.7	2.7	2.7	3.0	4.0	4.7	5.3
70°	0.0	0.9	1.8	2.7	2.7	2.7	2.8	4.1	5.1	6.0	7.4
67.5°	0.0	1.0	2.1	2.7	2.7	2.7	3.9	5.2	6.3	8.2	9.7
65°	0.0	1.1	2.3	2.7	2.7	3.2	4.9	6.4	8.4	10.3	12.4
62.5°	0.0	1.2	2.5	2.7	2.7	4.1	5.9	8.0	10.4	12.8	15.9
60°	0.0	1.3	2.7	2.7	2.7	4.9	6.9	9.8	12.4	16.1	19.5
57.5°	0.0	1.5	2.7	2.7	3.4	5.8	8.7	11.7	15.4	19.6	23.5
55°	0.0	1.5	2.7	2.7	4.1	6.7	10.5	13.7	18.5	23.1	27.9
52.5°	0.0	1.6	2.8	2.7	4.8	7.7	12.4	16.7	21.7	27.3	32.4
50°	0.0	1.7	2.8	2.7	5.5	9.4	14.4	19.9	25.0	31.6	37.8
47.5°	0.0	1.8	2.8	2.8	6.2	11.1	16.5	23.3	28.9	35.9	43.5
45°	0.0	1.9	2.9	3.3	6.9	12.8	19.5	26.8	33.5	41.2	49.4
42.5°	0.0	2.0	2.9	3.8	7.6	14.6	22.6	30.8	38.4	46.7	56.4
40°	0.0	2.1	3.0	4.3	8.6	16.3	25.7	35.1	43.7	52.5	63.8
37.5°	0.0	2.1	3.0	4.8	9.9	18.0	28.8	39.5	49.8	59.7	71.4
35°	0.0	2.2	3.1	5.2	11.2	20.2	32.0	44.1	55.9	68.1	78.8
32.5°	0.0	2.3	3.1	5.5	12.5	22.7	35.3	48.6	62.1	76.8	88.1
30°	0.0	2.3	3.2	5.9	13.7	25.1	39.0	53.4	68.3	85.8	98.5
27.5°	0.0	2.4	3.3	6.1	14.5	27.5	42.6	58.5	75.0	95.0	110.1
25°	0.0	2.4	3.4	6.4	15.1	29.8	46.2	63.6	82.6	104.6	122.5
22.5°	0.0	2.5	3.4	6.6	15.6	31.7	49.8	68.5	90.1	114.7	133.0
20°	0.0	2.5	3.5	6.7	16.0	32.3	53.2	73.3	97.7	125.3	143.4
17.5°	0.0	2.6	3.6	6.8	16.2	32.7	55.0	78.0	105.1	136.1	153.6
15°	0.0	2.6	3.7	6.9	16.3	32.9	55.7	81.4	112.3	147.1	163.6
12.5°	0.0	2.6	3.7	7.0	16.3	32.9	56.1	83.1	117.0	158.0	173.4
10°	0.0	2.7	3.8	7.0	16.2	32.6	56.2	84.7	119.4	162.2	180.3
7.5°	0.0	2.7	3.9	7.0	16.0	32.1	56.1	86.0	121.1	164.8	181.5
5°	0.0	2.7	4.0	6.9	15.7	31.5	55.7	86.9	122.3	166.5	182.5
2.5°	0.0	2.7	4.0	6.9	15.3	30.7	55.0	87.6	123.0	167.5	183.3
0°	0.0	2.7	4.1	6.8	14.9	29.7	54.1	87.8	123.0	167.6	183.8
-2.5°	0.0	2.7	4.0	6.9	15.3	30.7	55.0	87.6	123.0	167.5	183.3
-5°	0.0	2.7	4.0	6.9	15.7	31.5	55.7	86.9	122.3	166.5	182.5
-7.5°	0.0	2.7	3.9	7.0	16.0	32.1	56.1	86.0	121.1	164.8	181.5
-10°	0.0	2.7	3.8	7.0	16.2	32.6	56.2	84.7	119.4	162.2	180.3
-12.5°	0.0	2.6	3.7	7.0	16.3	32.9	56.1	83.1	117.0	158.0	173.4
-15°	0.0	2.6	3.7	6.9	16.3	32.9	55.7	81.4	112.3	147.1	163.6
-17.5°	0.0	2.6	3.6	6.8	16.2	32.7	55.0	78.0	105.1	136.1	153.6
-20°	0.0	2.5	3.5	6.7	16.0	32.3	53.2	73.3	97.7	125.3	143.4



REPORT NUMBER: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-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	2.5	3.4	6.6	15.6	31.7	49.8	68.5	90.1	114.7	133.0
-25°	0.0	2.4	3.4	6.4	15.1	29.8	46.2	63.6	82.6	104.6	122.5
-27.5°	0.0	2.4	3.3	6.1	14.5	27.5	42.6	58.5	75.0	95.0	110.1
-30°	0.0	2.3	3.2	5.9	13.7	25.1	39.0	53.4	68.3	85.8	98.5
-32.5°	0.0	2.3	3.1	5.5	12.5	22.7	35.3	48.6	62.1	76.8	88.1
-35°	0.0	2.2	3.1	5.2	11.2	20.2	32.0	44.1	55.9	68.1	78.8
-37.5°	0.0	2.1	3.0	4.8	9.9	18.0	28.8	39.5	49.8	59.7	71.4
-40°	0.0	2.1	3.0	4.3	8.6	16.3	25.7	35.1	43.7	52.5	63.8
-42.5°	0.0	2.0	2.9	3.8	7.6	14.6	22.6	30.8	38.4	46.7	56.4
-45°	0.0	1.9	2.9	3.3	6.9	12.8	19.5	26.8	33.5	41.2	49.4
-47.5°	0.0	1.8	2.8	2.8	6.2	11.1	16.5	23.3	28.9	35.9	43.5
-50°	0.0	1.7	2.8	2.7	5.5	9.4	14.4	19.9	25.0	31.6	37.8
-52.5°	0.0	1.6	2.8	2.7	4.8	7.7	12.4	16.7	21.7	27.3	32.4
-55°	0.0	1.5	2.7	2.7	4.1	6.7	10.5	13.7	18.5	23.1	27.9
-57.5°	0.0	1.5	2.7	2.7	3.4	5.8	8.7	11.7	15.4	19.6	23.5
-60°	0.0	1.3	2.7	2.7	2.7	4.9	6.9	9.8	12.4	16.1	19.5
-62.5°	0.0	1.2	2.5	2.7	2.7	4.1	5.9	8.0	10.4	12.8	15.9
-65°	0.0	1.1	2.3	2.7	2.7	3.2	4.9	6.4	8.4	10.3	12.4
-67.5°	0.0	1.0	2.1	2.7	2.7	2.7	3.9	5.2	6.3	8.2	9.7
-70°	0.0	0.9	1.8	2.7	2.7	2.7	2.8	4.1	5.1	6.0	7.4
-72.5°	0.0	0.8	1.6	2.4	2.7	2.7	2.7	3.0	4.0	4.7	5.3
-75°	0.0	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.8	3.6	4.1
-77.5°	0.0	0.6	1.2	1.7	2.3	2.7	2.7	2.7	2.7	2.7	3.0
-80°	0.0	0.5	0.9	1.4	1.9	2.3	2.7	2.7	2.7	2.7	2.7
-82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	2.7	2.7
-85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-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°	1.1	1.0	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	2.2	2.1	1.8	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2
82.5°	2.5	2.4	2.3	2.3	2.5	2.6	2.8	3.0	3.3	3.5	3.7
80°	2.7	2.7	3.1	3.5	3.9	4.2	4.6	4.9	5.2	5.7	6.5
77.5°	3.5	4.0	4.5	5.0	5.6	6.6	7.5	8.3	9.2	10.3	11.5
75°	4.7	5.3	6.6	8.2	9.5	10.6	11.6	13.0	14.8	16.8	18.7
72.5°	6.5	8.1	9.9	11.8	14.1	16.0	17.9	19.6	22.5	25.7	28.1
70°	8.9	10.9	13.7	16.8	19.7	22.2	25.9	30.3	34.7	37.0	38.3
67.5°	11.5	14.7	18.1	21.8	25.8	30.1	35.1	39.9	44.4	46.3	48.0
65°	14.9	18.6	22.8	27.3	31.9	37.0	42.2	47.6	52.3	54.8	57.5
62.5°	18.4	22.8	27.6	32.7	37.8	43.3	49.6	55.0	59.1	64.0	69.6
60°	22.6	27.0	32.5	38.1	44.0	51.7	58.1	64.0	69.4	75.0	83.6
57.5°	27.1	31.3	37.4	44.0	52.2	60.9	68.1	74.5	82.1	90.0	98.7
55°	31.9	35.7	42.6	50.8	60.2	70.5	79.0	87.8	96.5	103.6	111.2
52.5°	37.5	40.9	48.2	57.6	68.5	80.0	91.3	100.5	108.6	116.3	125.1
50°	43.3	47.7	53.6	64.9	76.9	90.1	102.9	112.1	121.3	130.4	140.2
47.5°	50.0	54.9	59.9	72.1	85.8	99.2	112.5	124.2	134.4	146.6	157.8
45°	57.4	63.1	68.4	79.8	93.8	107.6	122.2	136.4	150.7	165.1	183.1
42.5°	65.1	71.4	78.2	87.0	101.0	116.2	132.0	150.8	169.0	189.0	212.4
40°	72.7	79.6	87.7	95.7	108.2	125.1	144.2	165.4	191.0	216.9	245.2
37.5°	80.0	88.1	96.8	105.0	116.1	135.1	156.2	183.2	214.1	246.9	282.8
35°	87.3	96.2	105.0	114.8	127.1	145.6	171.7	202.4	239.4	280.7	313.6
32.5°	94.4	104.0	112.9	124.7	139.9	158.8	186.6	225.2	268.0	309.9	331.9
30°	103.2	110.9	120.7	134.0	152.4	176.5	206.7	248.3	296.8	325.5	346.0
27.5°	115.1	117.9	128.9	144.4	165.2	193.8	231.4	274.6	314.8	339.9	358.2
25°	126.8	129.6	136.6	155.0	180.6	214.4	256.6	305.8	329.7	350.9	372.1
22.5°	137.9	140.9	149.8	164.9	195.4	235.3	284.3	327.4	350.1	363.6	386.7
20°	148.4	153.0	163.9	181.4	210.7	255.1	311.2	347.5	369.1	385.3	406.5
17.5°	158.5	164.9	178.2	199.5	232.2	277.3	335.7	367.4	388.5	404.2	430.5
15°	168.2	176.5	192.0	216.4	252.2	301.1	352.1	383.8	406.5	421.9	452.6
12.5°	177.7	187.7	205.1	232.1	270.3	321.9	365.9	394.4	417.0	440.6	472.3
10°	186.9	198.6	217.7	246.7	286.4	339.8	377.5	402.8	425.5	455.5	488.6
7.5°	188.3	204.1	227.9	260.1	300.7	354.9	387.0	409.4	434.1	469.2	503.3
5°	188.3	203.7	228.7	263.6	307.5	363.8	393.7	414.4	442.3	481.3	516.5
2.5°	188.2	202.8	228.9	264.8	309.3	364.7	394.7	415.7	447.1	493.2	528.5
0°	187.9	201.4	228.4	264.9	309.5	363.5	394.6	416.2	450.0	504.1	539.2
-2.5°	188.2	202.8	228.9	264.8	309.3	364.7	394.7	415.7	447.1	493.2	528.5
-5°	188.3	203.7	228.7	263.6	307.5	363.8	393.7	414.4	442.3	481.3	516.5
-7.5°	188.3	204.1	227.9	260.1	300.7	354.9	387.0	409.4	434.1	469.2	503.3
-10°	186.9	198.6	217.7	246.7	286.4	339.8	377.5	402.8	425.5	455.5	488.6
-12.5°	177.7	187.7	205.1	232.1	270.3	321.9	365.9	394.4	417.0	440.6	472.3
-15°	168.2	176.5	192.0	216.4	252.2	301.1	352.1	383.8	406.5	421.9	452.6
-17.5°	158.5	164.9	178.2	199.5	232.2	277.3	335.7	367.4	388.5	404.2	430.5
-20°	148.4	153.0	163.9	181.4	210.7	255.1	311.2	347.5	369.1	385.3	406.5



REPORT NUMBER: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-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°	137.9	140.9	149.8	164.9	195.4	235.3	284.3	327.4	350.1	363.6	386.7
-25°	126.8	129.6	136.6	155.0	180.6	214.4	256.6	305.8	329.7	350.9	372.1
-27.5°	115.1	117.9	128.9	144.4	165.2	193.8	231.4	274.6	314.8	339.9	358.2
-30°	103.2	110.9	120.7	134.0	152.4	176.5	206.7	248.3	296.8	325.5	346.0
-32.5°	94.4	104.0	112.9	124.7	139.9	158.8	186.6	225.2	268.0	309.9	331.9
-35°	87.3	96.2	105.0	114.8	127.1	145.6	171.7	202.4	239.4	280.7	313.6
-37.5°	80.0	88.1	96.8	105.0	116.1	135.1	156.2	183.2	214.1	246.9	282.8
-40°	72.7	79.6	87.7	95.7	108.2	125.1	144.2	165.4	191.0	216.9	245.2
-42.5°	65.1	71.4	78.2	87.0	101.0	116.2	132.0	150.8	169.0	189.0	212.4
-45°	57.4	63.1	68.4	79.8	93.8	107.6	122.2	136.4	150.7	165.1	183.1
-47.5°	50.0	54.9	59.9	72.1	85.8	99.2	112.5	124.2	134.4	146.6	157.8
-50°	43.3	47.7	53.6	64.9	76.9	90.1	102.9	112.1	121.3	130.4	140.2
-52.5°	37.5	40.9	48.2	57.6	68.5	80.0	91.3	100.5	108.6	116.3	125.1
-55°	31.9	35.7	42.6	50.8	60.2	70.5	79.0	87.8	96.5	103.6	111.2
-57.5°	27.1	31.3	37.4	44.0	52.2	60.9	68.1	74.5	82.1	90.0	98.7
-60°	22.6	27.0	32.5	38.1	44.0	51.7	58.1	64.0	69.4	75.0	83.6
-62.5°	18.4	22.8	27.6	32.7	37.8	43.3	49.6	55.0	59.1	64.0	69.6
-65°	14.9	18.6	22.8	27.3	31.9	37.0	42.2	47.6	52.3	54.8	57.5
-67.5°	11.5	14.7	18.1	21.8	25.8	30.1	35.1	39.9	44.4	46.3	48.0
-70°	8.9	10.9	13.7	16.8	19.7	22.2	25.9	30.3	34.7	37.0	38.3
-72.5°	6.5	8.1	9.9	11.8	14.1	16.0	17.9	19.6	22.5	25.7	28.1
-75°	4.7	5.3	6.6	8.2	9.5	10.6	11.6	13.0	14.8	16.8	18.7
-77.5°	3.5	4.0	4.5	5.0	5.6	6.6	7.5	8.3	9.2	10.3	11.5
-80°	2.7	2.7	3.1	3.5	3.9	4.2	4.6	4.9	5.2	5.7	6.5
-82.5°	2.5	2.4	2.3	2.3	2.5	2.6	2.8	3.0	3.3	3.5	3.7
-85°	2.2	2.1	1.8	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2
-87.5°	1.1	1.0	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-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: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-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°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7
82.5°	3.9	4.1	4.3	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3
80°	7.2	7.8	8.2	8.6	8.8	9.8	10.9	12.2	13.5	14.0	14.3
77.5°	12.9	13.8	14.4	14.9	15.2	17.3	20.0	22.8	25.8	27.3	28.5
75°	20.5	21.6	22.3	22.9	23.2	26.4	31.2	36.2	41.4	44.2	46.1
72.5°	29.6	30.6	31.3	32.0	32.4	37.2	45.8	55.2	65.2	71.3	75.7
70°	39.5	40.6	41.5	42.2	42.8	48.5	61.0	74.2	87.8	101.4	115.8
67.5°	50.0	52.2	53.4	54.1	54.8	59.7	73.1	85.4	96.8	121.4	160.1
65°	61.4	66.6	68.8	70.0	70.5	72.7	84.1	94.4	103.7	122.8	152.4
62.5°	75.9	82.8	85.9	87.3	88.2	88.3	97.7	106.3	114.2	126.2	144.9
60°	91.6	99.0	102.9	104.0	104.7	105.0	112.4	121.0	128.9	138.6	156.1
57.5°	105.9	112.9	118.6	120.9	122.7	123.9	130.5	140.6	150.0	159.7	178.5
55°	119.6	128.0	136.0	140.4	144.6	148.2	154.7	167.4	179.5	190.8	210.4
52.5°	134.5	145.3	156.0	164.0	171.8	178.7	185.7	202.1	218.2	233.4	252.4
50°	152.3	165.6	181.2	194.4	205.6	216.7	226.6	246.0	267.9	288.6	308.6
47.5°	174.9	192.5	212.4	231.1	246.3	263.5	279.1	299.1	318.4	337.7	354.2
45°	202.6	227.0	249.9	274.7	296.5	307.9	316.9	329.4	349.2	368.1	383.6
42.5°	238.1	266.4	294.7	313.1	327.1	336.4	342.9	349.4	370.3	388.6	403.5
40°	277.5	306.0	323.4	338.5	348.2	356.5	366.7	376.9	393.2	412.0	428.6
37.5°	311.7	330.0	345.3	357.2	368.9	379.8	394.7	409.3	424.9	445.9	461.3
35°	332.8	348.8	364.4	379.3	394.3	411.1	429.7	451.2	470.2	452.9	427.8
32.5°	348.9	365.3	384.1	407.1	427.8	450.7	474.0	436.6	398.3	383.3	386.4
30°	362.8	381.9	407.8	437.8	466.6	456.3	405.3	387.4	392.7	403.2	423.4
27.5°	377.8	401.7	433.1	470.0	447.4	390.9	393.9	404.2	439.2	469.0	514.0
25°	395.5	424.3	463.4	446.3	394.5	399.9	426.1	465.6	532.3	594.5	648.8
22.5°	416.9	453.6	458.7	394.6	401.6	435.8	489.0	574.6	655.6	730.8	786.8
20°	438.6	480.9	415.9	402.3	432.4	493.6	592.3	690.5	780.9	848.1	904.2
17.5°	464.6	449.6	403.6	418.1	478.9	584.6	695.6	799.8	885.0	1001.2	1100.2
15°	487.4	419.6	411.0	458.6	550.2	669.0	789.7	883.3	1037.3	1203.8	1372.2
12.5°	474.3	408.9	424.3	494.8	615.1	743.5	850.2	998.3	1202.1	1445.3	1810.8
10°	455.0	415.0	452.5	544.7	670.6	795.8	906.7	1100.7	1369.7	1816.4	2391.9
7.5°	440.0	417.5	471.1	583.0	711.9	827.3	975.1	1210.5	1585.3	2198.2	3423.5
5°	428.7	417.4	479.6	605.2	736.5	849.1	1017.3	1290.3	1796.7	2669.9	4763.7
2.5°	423.7	415.2	482.0	617.2	748.4	861.2	1043.6	1347.7	1930.1	3108.1	6264.0
0°	427.1	410.8	481.1	621.7	755.5	859.5	1047.4	1365.0	1970.4	3269.8	6465.3
-2.5°	423.7	415.2	482.0	617.2	748.4	861.2	1043.6	1347.7	1930.1	3108.1	6264.0
-5°	428.7	417.4	479.6	605.2	736.5	849.1	1017.3	1290.3	1796.7	2669.9	4763.7
-7.5°	440.0	417.5	471.1	583.0	711.9	827.3	975.1	1210.5	1585.3	2198.2	3423.5
-10°	455.0	415.0	452.5	544.7	670.6	795.8	906.7	1100.7	1369.7	1816.4	2391.9
-12.5°	474.3	408.9	424.3	494.8	615.1	743.5	850.2	998.3	1202.1	1445.3	1810.8
-15°	487.4	419.6	411.0	458.6	550.2	669.0	789.7	883.3	1037.3	1203.8	1372.2
-17.5°	464.6	449.6	403.6	418.1	478.9	584.6	695.6	799.8	885.0	1001.2	1100.2
-20°	438.6	480.9	415.9	402.3	432.4	493.6	592.3	690.5	780.9	848.1	904.2



REPORT NUMBER: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	416.9	453.6	458.7	394.6	401.6	435.8	489.0	574.6	655.6	730.8	786.8
-25°	395.5	424.3	463.4	446.3	394.5	399.9	426.1	465.6	532.3	594.5	648.8
-27.5°	377.8	401.7	433.1	470.0	447.4	390.9	393.9	404.2	439.2	469.0	514.0
-30°	362.8	381.9	407.8	437.8	466.6	456.3	405.3	387.4	392.7	403.2	423.4
-32.5°	348.9	365.3	384.1	407.1	427.8	450.7	474.0	436.6	398.3	383.3	386.4
-35°	332.8	348.8	364.4	379.3	394.3	411.1	429.7	451.2	470.2	452.9	427.8
-37.5°	311.7	330.0	345.3	357.2	368.9	379.8	394.7	409.3	424.9	445.9	461.3
-40°	277.5	306.0	323.4	338.5	348.2	356.5	366.7	376.9	393.2	412.0	428.6
-42.5°	238.1	266.4	294.7	313.1	327.1	336.4	342.9	349.4	370.3	388.6	403.5
-45°	202.6	227.0	249.9	274.7	296.5	307.9	316.9	329.4	349.2	368.1	383.6
-47.5°	174.9	192.5	212.4	231.1	246.3	263.5	279.1	299.1	318.4	337.7	354.2
-50°	152.3	165.6	181.2	194.4	205.6	216.7	226.6	246.0	267.9	288.6	308.6
-52.5°	134.5	145.3	156.0	164.0	171.8	178.7	185.7	202.1	218.2	233.4	252.4
-55°	119.6	128.0	136.0	140.4	144.6	148.2	154.7	167.4	179.5	190.8	210.4
-57.5°	105.9	112.9	118.6	120.9	122.7	123.9	130.5	140.6	150.0	159.7	178.5
-60°	91.6	99.0	102.9	104.0	104.7	105.0	112.4	121.0	128.9	138.6	156.1
-62.5°	75.9	82.8	85.9	87.3	88.2	88.3	97.7	106.3	114.2	126.2	144.9
-65°	61.4	66.6	68.8	70.0	70.5	72.7	84.1	94.4	103.7	122.8	152.4
-67.5°	50.0	52.2	53.4	54.1	54.8	59.7	73.1	85.4	96.8	121.4	160.1
-70°	39.5	40.6	41.5	42.2	42.8	48.5	61.0	74.2	87.8	101.4	115.8
-72.5°	29.6	30.6	31.3	32.0	32.4	37.2	45.8	55.2	65.2	71.3	75.7
-75°	20.5	21.6	22.3	22.9	23.2	26.4	31.2	36.2	41.4	44.2	46.1
-77.5°	12.9	13.8	14.4	14.9	15.2	17.3	20.0	22.8	25.8	27.3	28.5
-80°	7.2	7.8	8.2	8.6	8.8	9.8	10.9	12.2	13.5	14.0	14.3
-82.5°	3.9	4.1	4.3	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3
-85°	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	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



REPORT NUMBER: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
82.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.0
80°	14.6	14.8	14.2	13.5	14.2	14.8	14.6	14.3	14.0	13.5	12.2
77.5°	29.7	30.8	29.7	28.4	29.7	30.8	29.7	28.5	27.3	25.8	22.8
75°	47.9	49.5	48.6	47.3	48.6	49.5	47.9	46.1	44.2	41.4	36.2
72.5°	80.0	83.9	83.0	81.1	83.0	83.9	80.0	75.7	71.3	65.2	55.2
70°	131.0	146.3	145.7	141.9	145.7	146.3	131.0	115.8	101.4	87.8	74.2
67.5°	201.9	245.5	259.3	266.2	259.3	245.5	201.9	160.1	121.4	96.8	85.4
65°	179.9	206.2	216.6	224.3	216.6	206.2	179.9	152.4	122.8	103.7	94.4
62.5°	161.7	177.3	180.7	181.1	180.7	177.3	161.7	144.9	126.2	114.2	106.3
60°	173.1	189.7	192.2	189.2	192.2	189.7	173.1	156.1	138.6	128.9	121.0
57.5°	196.6	214.0	217.2	213.5	217.2	214.0	196.6	178.5	159.7	150.0	140.6
55°	229.1	246.7	252.5	251.4	252.5	246.7	229.1	210.4	190.8	179.5	167.4
52.5°	270.6	286.7	293.4	293.3	293.4	286.7	270.6	252.4	233.4	218.2	202.1
50°	326.0	340.5	347.7	348.7	347.7	340.5	326.0	308.6	288.6	267.9	246.0
47.5°	366.0	375.5	380.5	381.1	380.5	375.5	366.0	354.2	337.7	318.4	299.1
45°	390.5	395.6	399.5	402.7	399.5	395.6	390.5	383.6	368.1	349.2	329.4
42.5°	413.5	424.2	432.1	433.8	432.1	424.2	413.5	403.5	388.6	370.3	349.4
40°	444.4	459.1	473.1	487.9	473.1	459.1	444.4	428.6	412.0	393.2	376.9
37.5°	477.3	493.7	507.3	514.9	507.3	493.7	477.3	461.3	445.9	424.9	409.3
35°	410.2	399.5	393.1	390.6	393.1	399.5	410.2	427.8	452.9	470.2	451.2
32.5°	388.2	389.0	387.8	385.2	387.8	389.0	388.2	386.4	383.3	398.3	436.6
30°	438.4	445.5	446.4	446.0	446.4	445.5	438.4	423.4	403.2	392.7	387.4
27.5°	547.3	565.6	571.2	582.5	571.2	565.6	547.3	514.0	469.0	439.2	404.2
25°	690.9	718.5	731.7	736.5	731.7	718.5	690.9	648.8	594.5	532.3	465.6
22.5°	818.5	839.5	851.8	862.2	851.8	839.5	818.5	786.8	730.8	655.6	574.6
20°	969.7	1008.1	1025.8	1027.1	1025.8	1008.1	969.7	904.2	848.1	780.9	690.5
17.5°	1205.9	1280.7	1318.0	1328.5	1318.0	1280.7	1205.9	1100.2	1001.2	885.0	799.8
15°	1578.4	1769.1	1867.3	1913.7	1867.3	1769.1	1578.4	1372.2	1203.8	1037.3	883.3
12.5°	2186.1	2616.1	2963.9	3094.9	2963.9	2616.1	2186.1	1810.8	1445.3	1202.1	998.3
10°	3390.1	4674.4	6174.8	6874.8	6174.8	4674.4	3390.1	2391.9	1816.4	1369.7	1100.7
7.5°	6558.5	15227.5	29513.5	36328.3	29513.5	15227.5	6558.5	3423.5	2198.2	1585.3	1210.5
5°	13979.5	60331.4	108045.9	126909.1	108045.9	60331.4	13979.5	4763.7	2669.9	1796.7	1290.3
2.5°	22266.4	98951.3	186705.2	218313.0	186705.2	98951.3	22266.4	6264.0	3108.1	1930.1	1347.7
0°	26603.9	104276.4	206025.0	237563.0	206025.0	104276.4	26603.9	6465.3	3269.8	1970.4	1365.0
-2.5°	22266.4	98951.3	186705.2	218313.0	186705.2	98951.3	22266.4	6264.0	3108.1	1930.1	1347.7
-5°	13979.5	60331.4	108045.9	126909.1	108045.9	60331.4	13979.5	4763.7	2669.9	1796.7	1290.3
-7.5°	6558.5	15227.5	29513.5	36328.3	29513.5	15227.5	6558.5	3423.5	2198.2	1585.3	1210.5
-10°	3390.1	4674.4	6174.8	6874.8	6174.8	4674.4	3390.1	2391.9	1816.4	1369.7	1100.7
-12.5°	2186.1	2616.1	2963.9	3094.9	2963.9	2616.1	2186.1	1810.8	1445.3	1202.1	998.3
-15°	1578.4	1769.1	1867.3	1913.7	1867.3	1769.1	1578.4	1372.2	1203.8	1037.3	883.3
-17.5°	1205.9	1280.7	1318.0	1328.5	1318.0	1280.7	1205.9	1100.2	1001.2	885.0	799.8
-20°	969.7	1008.1	1025.8	1027.1	1025.8	1008.1	969.7	904.2	848.1	780.9	690.5



REPORT NUMBER: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-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°	818.5	839.5	851.8	862.2	851.8	839.5	818.5	786.8	730.8	655.6	574.6
-25°	690.9	718.5	731.7	736.5	731.7	718.5	690.9	648.8	594.5	532.3	465.6
-27.5°	547.3	565.6	571.2	582.5	571.2	565.6	547.3	514.0	469.0	439.2	404.2
-30°	438.4	445.5	446.4	446.0	446.4	445.5	438.4	423.4	403.2	392.7	387.4
-32.5°	388.2	389.0	387.8	385.2	387.8	389.0	388.2	386.4	383.3	398.3	436.6
-35°	410.2	399.5	393.1	390.6	393.1	399.5	410.2	427.8	452.9	470.2	451.2
-37.5°	477.3	493.7	507.3	514.9	507.3	493.7	477.3	461.3	445.9	424.9	409.3
-40°	444.4	459.1	473.1	487.9	473.1	459.1	444.4	428.6	412.0	393.2	376.9
-42.5°	413.5	424.2	432.1	433.8	432.1	424.2	413.5	403.5	388.6	370.3	349.4
-45°	390.5	395.6	399.5	402.7	399.5	395.6	390.5	383.6	368.1	349.2	329.4
-47.5°	366.0	375.5	380.5	381.1	380.5	375.5	366.0	354.2	337.7	318.4	299.1
-50°	326.0	340.5	347.7	348.7	347.7	340.5	326.0	308.6	288.6	267.9	246.0
-52.5°	270.6	286.7	293.4	293.3	293.4	286.7	270.6	252.4	233.4	218.2	202.1
-55°	229.1	246.7	252.5	251.4	252.5	246.7	229.1	210.4	190.8	179.5	167.4
-57.5°	196.6	214.0	217.2	213.5	217.2	214.0	196.6	178.5	159.7	150.0	140.6
-60°	173.1	189.7	192.2	189.2	192.2	189.7	173.1	156.1	138.6	128.9	121.0
-62.5°	161.7	177.3	180.7	181.1	180.7	177.3	161.7	144.9	126.2	114.2	106.3
-65°	179.9	206.2	216.6	224.3	216.6	206.2	179.9	152.4	122.8	103.7	94.4
-67.5°	201.9	245.5	259.3	266.2	259.3	245.5	201.9	160.1	121.4	96.8	85.4
-70°	131.0	146.3	145.7	141.9	145.7	146.3	131.0	115.8	101.4	87.8	74.2
-72.5°	80.0	83.9	83.0	81.1	83.0	83.9	80.0	75.7	71.3	65.2	55.2
-75°	47.9	49.5	48.6	47.3	48.6	49.5	47.9	46.1	44.2	41.4	36.2
-77.5°	29.7	30.8	29.7	28.4	29.7	30.8	29.7	28.5	27.3	25.8	22.8
-80°	14.6	14.8	14.2	13.5	14.2	14.8	14.6	14.3	14.0	13.5	12.2
-82.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.0
-85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-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: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-TSB-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°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
85°	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	1.9
82.5°	4.9	4.8	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.0
80°	10.9	9.8	8.8	8.6	8.2	7.8	7.2	6.5	5.7	5.2	4.9
77.5°	20.0	17.3	15.2	14.9	14.4	13.8	12.9	11.5	10.3	9.2	8.3
75°	31.2	26.4	23.2	22.9	22.3	21.6	20.5	18.7	16.8	14.8	13.0
72.5°	45.8	37.2	32.4	32.0	31.3	30.6	29.6	28.1	25.7	22.5	19.6
70°	61.0	48.5	42.8	42.2	41.5	40.6	39.5	38.3	37.0	34.7	30.3
67.5°	73.1	59.7	54.8	54.1	53.4	52.2	50.0	48.0	46.3	44.4	39.9
65°	84.1	72.7	70.5	70.0	68.8	66.6	61.4	57.5	54.8	52.3	47.6
62.5°	97.7	88.3	88.2	87.3	85.9	82.8	75.9	69.6	64.0	59.1	55.0
60°	112.4	105.0	104.7	104.0	102.9	99.0	91.6	83.6	75.0	69.4	64.0
57.5°	130.5	123.9	122.7	120.9	118.6	112.9	105.9	98.7	90.0	82.1	74.5
55°	154.7	148.2	144.6	140.4	136.0	128.0	119.6	111.2	103.6	96.5	87.8
52.5°	185.7	178.7	171.8	164.0	156.0	145.3	134.5	125.1	116.3	108.6	100.5
50°	226.6	216.7	205.6	194.4	181.2	165.6	152.3	140.2	130.4	121.3	112.1
47.5°	279.1	263.5	246.3	231.1	212.4	192.5	174.9	157.8	146.6	134.4	124.2
45°	316.9	307.9	296.5	274.7	249.9	227.0	202.6	183.1	165.1	150.7	136.4
42.5°	342.9	336.4	327.1	313.1	294.7	266.4	238.1	212.4	189.0	169.0	150.8
40°	366.7	356.5	348.2	338.5	323.4	306.0	277.5	245.2	216.9	191.0	165.4
37.5°	394.7	379.8	368.9	357.2	345.3	330.0	311.7	282.8	246.9	214.1	183.2
35°	429.7	411.1	394.3	379.3	364.4	348.8	332.8	313.6	280.7	239.4	202.4
32.5°	474.0	450.7	427.8	407.1	384.1	365.3	348.9	331.9	309.9	268.0	225.2
30°	405.3	456.3	466.6	437.8	407.8	381.9	362.8	346.0	325.5	296.8	248.3
27.5°	393.9	390.9	447.4	470.0	433.1	401.7	377.8	358.2	339.9	314.8	274.6
25°	426.1	399.9	394.5	446.3	463.4	424.3	395.5	372.1	350.9	329.7	305.8
22.5°	489.0	435.8	401.6	394.6	458.7	453.6	416.9	386.7	363.6	350.1	327.4
20°	592.3	493.6	432.4	402.3	415.9	480.9	438.6	406.5	385.3	369.1	347.5
17.5°	695.6	584.6	478.9	418.1	403.6	449.6	464.6	430.5	404.2	388.5	367.4
15°	789.7	669.0	550.2	458.6	411.0	419.6	487.4	452.6	421.9	406.5	383.8
12.5°	850.2	743.5	615.1	494.8	424.3	408.9	474.3	472.3	440.6	417.0	394.4
10°	906.7	795.8	670.6	544.7	452.5	415.0	455.0	488.6	455.5	425.5	402.8
7.5°	975.1	827.3	711.9	583.0	471.1	417.5	440.0	503.3	469.2	434.1	409.4
5°	1017.3	849.1	736.5	605.2	479.6	417.4	428.7	516.5	481.3	442.3	414.4
2.5°	1043.6	861.2	748.4	617.2	482.0	415.2	423.7	528.5	493.2	447.1	415.7
0°	1047.4	859.5	755.5	621.7	481.1	410.8	427.1	539.2	504.1	450.0	416.2
-2.5°	1043.6	861.2	748.4	617.2	482.0	415.2	423.7	528.5	493.2	447.1	415.7
-5°	1017.3	849.1	736.5	605.2	479.6	417.4	428.7	516.5	481.3	442.3	414.4
-7.5°	975.1	827.3	711.9	583.0	471.1	417.5	440.0	503.3	469.2	434.1	409.4
-10°	906.7	795.8	670.6	544.7	452.5	415.0	455.0	488.6	455.5	425.5	402.8
-12.5°	850.2	743.5	615.1	494.8	424.3	408.9	474.3	472.3	440.6	417.0	394.4
-15°	789.7	669.0	550.2	458.6	411.0	419.6	487.4	452.6	421.9	406.5	383.8
-17.5°	695.6	584.6	478.9	418.1	403.6	449.6	464.6	430.5	404.2	388.5	367.4
-20°	592.3	493.6	432.4	402.3	415.9	480.9	438.6	406.5	385.3	369.1	347.5



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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°	489.0	435.8	401.6	394.6	458.7	453.6	416.9	386.7	363.6	350.1	327.4
-25°	426.1	399.9	394.5	446.3	463.4	424.3	395.5	372.1	350.9	329.7	305.8
-27.5°	393.9	390.9	447.4	470.0	433.1	401.7	377.8	358.2	339.9	314.8	274.6
-30°	405.3	456.3	466.6	437.8	407.8	381.9	362.8	346.0	325.5	296.8	248.3
-32.5°	474.0	450.7	427.8	407.1	384.1	365.3	348.9	331.9	309.9	268.0	225.2
-35°	429.7	411.1	394.3	379.3	364.4	348.8	332.8	313.6	280.7	239.4	202.4
-37.5°	394.7	379.8	368.9	357.2	345.3	330.0	311.7	282.8	246.9	214.1	183.2
-40°	366.7	356.5	348.2	338.5	323.4	306.0	277.5	245.2	216.9	191.0	165.4
-42.5°	342.9	336.4	327.1	313.1	294.7	266.4	238.1	212.4	189.0	169.0	150.8
-45°	316.9	307.9	296.5	274.7	249.9	227.0	202.6	183.1	165.1	150.7	136.4
-47.5°	279.1	263.5	246.3	231.1	212.4	192.5	174.9	157.8	146.6	134.4	124.2
-50°	226.6	216.7	205.6	194.4	181.2	165.6	152.3	140.2	130.4	121.3	112.1
-52.5°	185.7	178.7	171.8	164.0	156.0	145.3	134.5	125.1	116.3	108.6	100.5
-55°	154.7	148.2	144.6	140.4	136.0	128.0	119.6	111.2	103.6	96.5	87.8
-57.5°	130.5	123.9	122.7	120.9	118.6	112.9	105.9	98.7	90.0	82.1	74.5
-60°	112.4	105.0	104.7	104.0	102.9	99.0	91.6	83.6	75.0	69.4	64.0
-62.5°	97.7	88.3	88.2	87.3	85.9	82.8	75.9	69.6	64.0	59.1	55.0
-65°	84.1	72.7	70.5	70.0	68.8	66.6	61.4	57.5	54.8	52.3	47.6
-67.5°	73.1	59.7	54.8	54.1	53.4	52.2	50.0	48.0	46.3	44.4	39.9
-70°	61.0	48.5	42.8	42.2	41.5	40.6	39.5	38.3	37.0	34.7	30.3
-72.5°	45.8	37.2	32.4	32.0	31.3	30.6	29.6	28.1	25.7	22.5	19.6
-75°	31.2	26.4	23.2	22.9	22.3	21.6	20.5	18.7	16.8	14.8	13.0
-77.5°	20.0	17.3	15.2	14.9	14.4	13.8	12.9	11.5	10.3	9.2	8.3
-80°	10.9	9.8	8.8	8.6	8.2	7.8	7.2	6.5	5.7	5.2	4.9
-82.5°	4.9	4.8	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.0
-85°	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	1.9
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558897 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.9	0.9	0.9	0.8	0.9	1.0	1.1	1.1	1.0	0.9	0.8
85°	1.9	1.8	1.7	1.6	1.8	2.1	2.2	2.3	2.1	1.8	1.6
82.5°	2.8	2.6	2.5	2.3	2.3	2.4	2.5	2.7	2.7	2.7	2.4
80°	4.6	4.2	3.9	3.5	3.1	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	7.5	6.6	5.6	5.0	4.5	4.0	3.5	3.0	2.7	2.7	2.7
75°	11.6	10.6	9.5	8.2	6.6	5.3	4.7	4.1	3.6	2.8	2.7
72.5°	17.9	16.0	14.1	11.8	9.9	8.1	6.5	5.3	4.7	4.0	3.0
70°	25.9	22.2	19.7	16.8	13.7	10.9	8.9	7.4	6.0	5.1	4.1
67.5°	35.1	30.1	25.8	21.8	18.1	14.7	11.5	9.7	8.2	6.3	5.2
65°	42.2	37.0	31.9	27.3	22.8	18.6	14.9	12.4	10.3	8.4	6.4
62.5°	49.6	43.3	37.8	32.7	27.6	22.8	18.4	15.9	12.8	10.4	8.0
60°	58.1	51.7	44.0	38.1	32.5	27.0	22.6	19.5	16.1	12.4	9.8
57.5°	68.1	60.9	52.2	44.0	37.4	31.3	27.1	23.5	19.6	15.4	11.7
55°	79.0	70.5	60.2	50.8	42.6	35.7	31.9	27.9	23.1	18.5	13.7
52.5°	91.3	80.0	68.5	57.6	48.2	40.9	37.5	32.4	27.3	21.7	16.7
50°	102.9	90.1	76.9	64.9	53.6	47.7	43.3	37.8	31.6	25.0	19.9
47.5°	112.5	99.2	85.8	72.1	59.9	54.9	50.0	43.5	35.9	28.9	23.3
45°	122.2	107.6	93.8	79.8	68.4	63.1	57.4	49.4	41.2	33.5	26.8
42.5°	132.0	116.2	101.0	87.0	78.2	71.4	65.1	56.4	46.7	38.4	30.8
40°	144.2	125.1	108.2	95.7	87.7	79.6	72.7	63.8	52.5	43.7	35.1
37.5°	156.2	135.1	116.1	105.0	96.8	88.1	80.0	71.4	59.7	49.8	39.5
35°	171.7	145.6	127.1	114.8	105.0	96.2	87.3	78.8	68.1	55.9	44.1
32.5°	186.6	158.8	139.9	124.7	112.9	104.0	94.4	88.1	76.8	62.1	48.6
30°	206.7	176.5	152.4	134.0	120.7	110.9	103.2	98.5	85.8	68.3	53.4
27.5°	231.4	193.8	165.2	144.4	128.9	117.9	115.1	110.1	95.0	75.0	58.5
25°	256.6	214.4	180.6	155.0	136.6	129.6	126.8	122.5	104.6	82.6	63.6
22.5°	284.3	235.3	195.4	164.9	149.8	140.9	137.9	133.0	114.7	90.1	68.5
20°	311.2	255.1	210.7	181.4	163.9	153.0	148.4	143.4	125.3	97.7	73.3
17.5°	335.7	277.3	232.2	199.5	178.2	164.9	158.5	153.6	136.1	105.1	78.0
15°	352.1	301.1	252.2	216.4	192.0	176.5	168.2	163.6	147.1	112.3	81.4
12.5°	365.9	321.9	270.3	232.1	205.1	187.7	177.7	173.4	158.0	117.0	83.1
10°	377.5	339.8	286.4	246.7	217.7	198.6	186.9	180.3	162.2	119.4	84.7
7.5°	387.0	354.9	300.7	260.1	227.9	204.1	188.3	181.5	164.8	121.1	86.0
5°	393.7	363.8	307.5	263.6	228.7	203.7	188.3	182.5	166.5	122.3	86.9
2.5°	394.7	364.7	309.3	264.8	228.9	202.8	188.2	183.3	167.5	123.0	87.6
0°	394.6	363.5	309.5	264.9	228.4	201.4	187.9	183.8	167.6	123.0	87.8
-2.5°	394.7	364.7	309.3	264.8	228.9	202.8	188.2	183.3	167.5	123.0	87.6
-5°	393.7	363.8	307.5	263.6	228.7	203.7	188.3	182.5	166.5	122.3	86.9
-7.5°	387.0	354.9	300.7	260.1	227.9	204.1	188.3	181.5	164.8	121.1	86.0
-10°	377.5	339.8	286.4	246.7	217.7	198.6	186.9	180.3	162.2	119.4	84.7
-12.5°	365.9	321.9	270.3	232.1	205.1	187.7	177.7	173.4	158.0	117.0	83.1
-15°	352.1	301.1	252.2	216.4	192.0	176.5	168.2	163.6	147.1	112.3	81.4
-17.5°	335.7	277.3	232.2	199.5	178.2	164.9	158.5	153.6	136.1	105.1	78.0
-20°	311.2	255.1	210.7	181.4	163.9	153.0	148.4	143.4	125.3	97.7	73.3



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 CATALOG NUMBER: GFLD-SA4B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	284.3	235.3	195.4	164.9	149.8	140.9	137.9	133.0	114.7	90.1	68.5
-25°	256.6	214.4	180.6	155.0	136.6	129.6	126.8	122.5	104.6	82.6	63.6
-27.5°	231.4	193.8	165.2	144.4	128.9	117.9	115.1	110.1	95.0	75.0	58.5
-30°	206.7	176.5	152.4	134.0	120.7	110.9	103.2	98.5	85.8	68.3	53.4
-32.5°	186.6	158.8	139.9	124.7	112.9	104.0	94.4	88.1	76.8	62.1	48.6
-35°	171.7	145.6	127.1	114.8	105.0	96.2	87.3	78.8	68.1	55.9	44.1
-37.5°	156.2	135.1	116.1	105.0	96.8	88.1	80.0	71.4	59.7	49.8	39.5
-40°	144.2	125.1	108.2	95.7	87.7	79.6	72.7	63.8	52.5	43.7	35.1
-42.5°	132.0	116.2	101.0	87.0	78.2	71.4	65.1	56.4	46.7	38.4	30.8
-45°	122.2	107.6	93.8	79.8	68.4	63.1	57.4	49.4	41.2	33.5	26.8
-47.5°	112.5	99.2	85.8	72.1	59.9	54.9	50.0	43.5	35.9	28.9	23.3
-50°	102.9	90.1	76.9	64.9	53.6	47.7	43.3	37.8	31.6	25.0	19.9
-52.5°	91.3	80.0	68.5	57.6	48.2	40.9	37.5	32.4	27.3	21.7	16.7
-55°	79.0	70.5	60.2	50.8	42.6	35.7	31.9	27.9	23.1	18.5	13.7
-57.5°	68.1	60.9	52.2	44.0	37.4	31.3	27.1	23.5	19.6	15.4	11.7
-60°	58.1	51.7	44.0	38.1	32.5	27.0	22.6	19.5	16.1	12.4	9.8
-62.5°	49.6	43.3	37.8	32.7	27.6	22.8	18.4	15.9	12.8	10.4	8.0
-65°	42.2	37.0	31.9	27.3	22.8	18.6	14.9	12.4	10.3	8.4	6.4
-67.5°	35.1	30.1	25.8	21.8	18.1	14.7	11.5	9.7	8.2	6.3	5.2
-70°	25.9	22.2	19.7	16.8	13.7	10.9	8.9	7.4	6.0	5.1	4.1
-72.5°	17.9	16.0	14.1	11.8	9.9	8.1	6.5	5.3	4.7	4.0	3.0
-75°	11.6	10.6	9.5	8.2	6.6	5.3	4.7	4.1	3.6	2.8	2.7
-77.5°	7.5	6.6	5.6	5.0	4.5	4.0	3.5	3.0	2.7	2.7	2.7
-80°	4.6	4.2	3.9	3.5	3.1	2.7	2.7	2.7	2.7	2.7	2.7
-82.5°	2.8	2.6	2.5	2.3	2.3	2.4	2.5	2.7	2.7	2.7	2.4
-85°	1.9	1.8	1.7	1.6	1.8	2.1	2.2	2.3	2.1	1.8	1.6
-87.5°	0.9	0.9	0.9	0.8	0.9	1.0	1.1	1.1	1.0	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.7	2.3	1.9	1.4	0.9	0.5	0.0
77.5°	2.7	2.7	2.3	1.7	1.2	0.6	0.0
75°	2.7	2.7	2.7	2.1	1.4	0.7	0.0
72.5°	2.7	2.7	2.7	2.4	1.6	0.8	0.0
70°	2.8	2.7	2.7	2.7	1.8	0.9	0.0
67.5°	3.9	2.7	2.7	2.7	2.1	1.0	0.0
65°	4.9	3.2	2.7	2.7	2.3	1.1	0.0
62.5°	5.9	4.1	2.7	2.7	2.5	1.2	0.0
60°	6.9	4.9	2.7	2.7	2.7	1.3	0.0
57.5°	8.7	5.8	3.4	2.7	2.7	1.5	0.0
55°	10.5	6.7	4.1	2.7	2.7	1.5	0.0
52.5°	12.4	7.7	4.8	2.7	2.8	1.6	0.0
50°	14.4	9.4	5.5	2.7	2.8	1.7	0.0
47.5°	16.5	11.1	6.2	2.8	2.8	1.8	0.0
45°	19.5	12.8	6.9	3.3	2.9	1.9	0.0
42.5°	22.6	14.6	7.6	3.8	2.9	2.0	0.0
40°	25.7	16.3	8.6	4.3	3.0	2.1	0.0
37.5°	28.8	18.0	9.9	4.8	3.0	2.1	0.0
35°	32.0	20.2	11.2	5.2	3.1	2.2	0.0
32.5°	35.3	22.7	12.5	5.5	3.1	2.3	0.0
30°	39.0	25.1	13.7	5.9	3.2	2.3	0.0
27.5°	42.6	27.5	14.5	6.1	3.3	2.4	0.0
25°	46.2	29.8	15.1	6.4	3.4	2.4	0.0
22.5°	49.8	31.7	15.6	6.6	3.4	2.5	0.0
20°	53.2	32.3	16.0	6.7	3.5	2.5	0.0
17.5°	55.0	32.7	16.2	6.8	3.6	2.6	0.0
15°	55.7	32.9	16.3	6.9	3.7	2.6	0.0
12.5°	56.1	32.9	16.3	7.0	3.7	2.6	0.0
10°	56.2	32.6	16.2	7.0	3.8	2.7	0.0
7.5°	56.1	32.1	16.0	7.0	3.9	2.7	0.0
5°	55.7	31.5	15.7	6.9	4.0	2.7	0.0
2.5°	55.0	30.7	15.3	6.9	4.0	2.7	0.0
0°	54.1	29.7	14.9	6.8	4.1	2.7	0.0
-2.5°	55.0	30.7	15.3	6.9	4.0	2.7	0.0
-5°	55.7	31.5	15.7	6.9	4.0	2.7	0.0
-7.5°	56.1	32.1	16.0	7.0	3.9	2.7	0.0
-10°	56.2	32.6	16.2	7.0	3.8	2.7	0.0
-12.5°	56.1	32.9	16.3	7.0	3.7	2.6	0.0
-15°	55.7	32.9	16.3	6.9	3.7	2.6	0.0
-17.5°	55.0	32.7	16.2	6.8	3.6	2.6	0.0
-20°	53.2	32.3	16.0	6.7	3.5	2.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.8	31.7	15.6	6.6	3.4	2.5	0.0
-25°	46.2	29.8	15.1	6.4	3.4	2.4	0.0
-27.5°	42.6	27.5	14.5	6.1	3.3	2.4	0.0
-30°	39.0	25.1	13.7	5.9	3.2	2.3	0.0
-32.5°	35.3	22.7	12.5	5.5	3.1	2.3	0.0
-35°	32.0	20.2	11.2	5.2	3.1	2.2	0.0
-37.5°	28.8	18.0	9.9	4.8	3.0	2.1	0.0
-40°	25.7	16.3	8.6	4.3	3.0	2.1	0.0
-42.5°	22.6	14.6	7.6	3.8	2.9	2.0	0.0
-45°	19.5	12.8	6.9	3.3	2.9	1.9	0.0
-47.5°	16.5	11.1	6.2	2.8	2.8	1.8	0.0
-50°	14.4	9.4	5.5	2.7	2.8	1.7	0.0
-52.5°	12.4	7.7	4.8	2.7	2.8	1.6	0.0
-55°	10.5	6.7	4.1	2.7	2.7	1.5	0.0
-57.5°	8.7	5.8	3.4	2.7	2.7	1.5	0.0
-60°	6.9	4.9	2.7	2.7	2.7	1.3	0.0
-62.5°	5.9	4.1	2.7	2.7	2.5	1.2	0.0
-65°	4.9	3.2	2.7	2.7	2.3	1.1	0.0
-67.5°	3.9	2.7	2.7	2.7	2.1	1.0	0.0
-70°	2.8	2.7	2.7	2.7	1.8	0.9	0.0
-72.5°	2.7	2.7	2.7	2.4	1.6	0.8	0.0
-75°	2.7	2.7	2.7	2.1	1.4	0.7	0.0
-77.5°	2.7	2.7	2.3	1.7	1.2	0.6	0.0
-80°	2.7	2.3	1.9	1.4	0.9	0.5	0.0
-82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)