

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: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4C-935-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

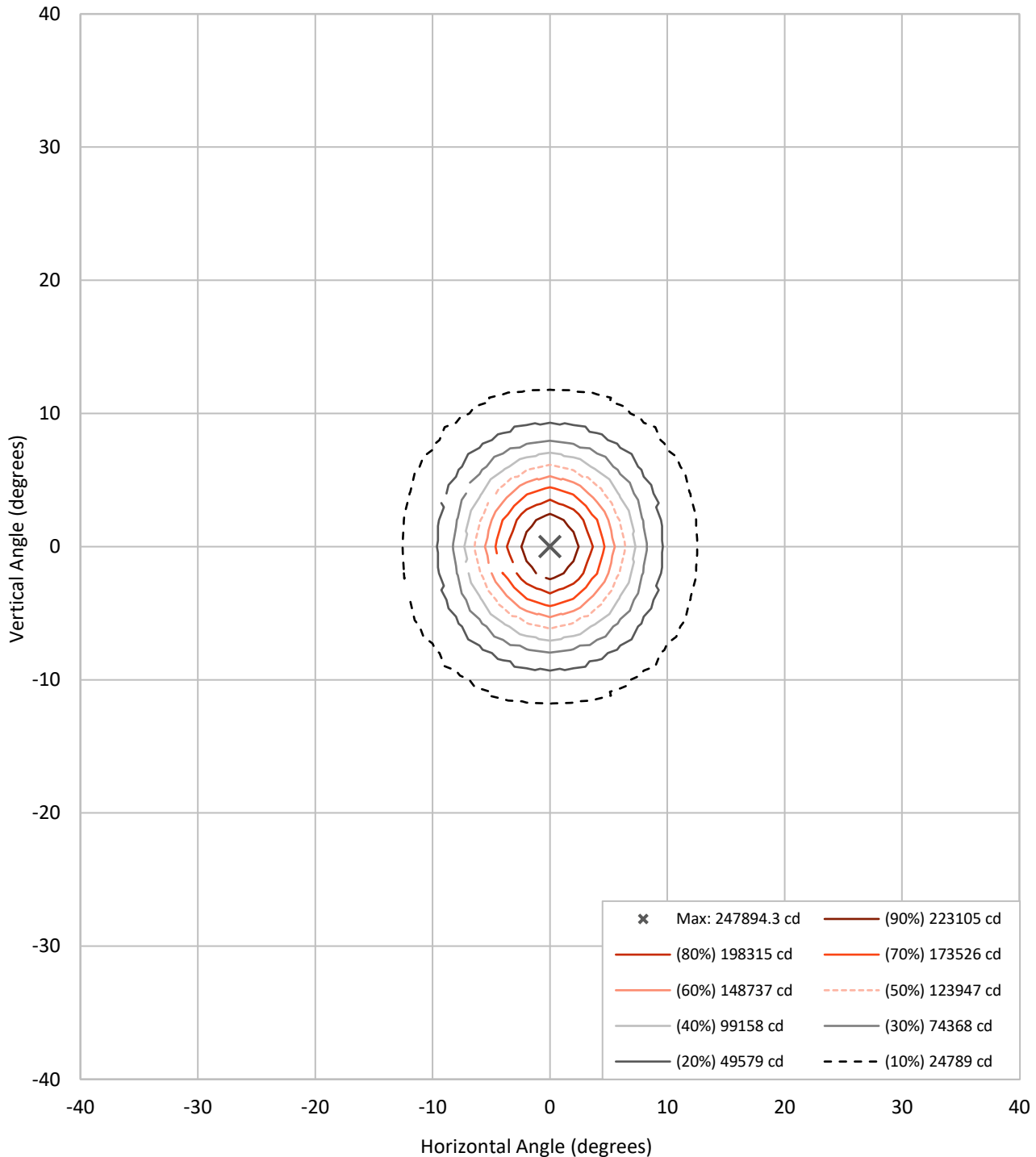
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17969.1 lumens	Max Intensity:	247894.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5677.9 lumens	Field Lumens:	12578.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





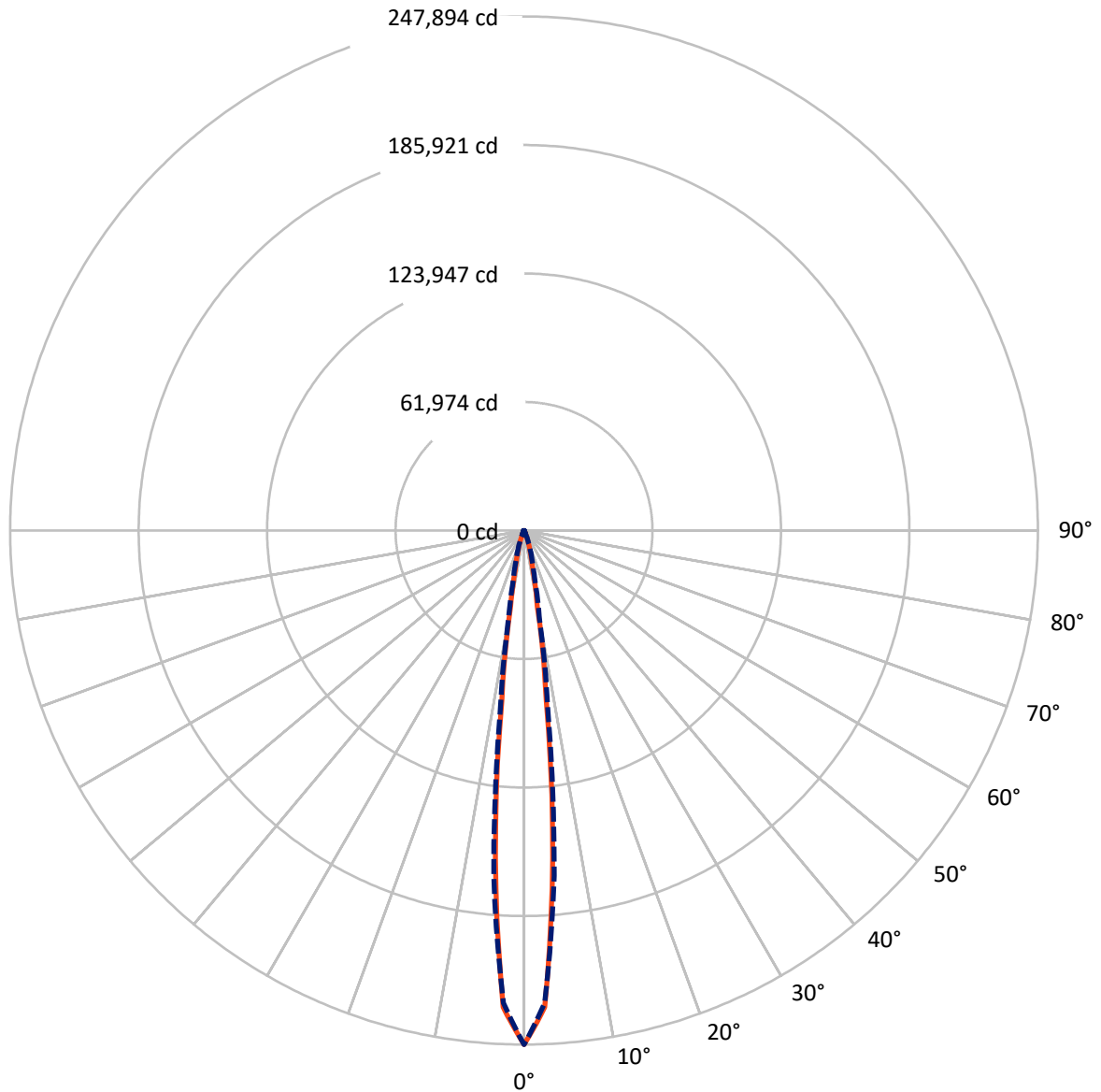
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Lumen Table

90	0.3	2.1		5.7		9.3		10.7		9.3		5.7		2.1		0.3
80	0.3	2.1		5.7		9.3		10.7		9.3		5.7		2.1		0.3
70	0.9	1.1	2.3	3.8	5.3	6.5	7.4	7.8	7.8	7.4	6.5	5.3	3.8	2.3	1.1	0.9
60		1.7	3.5	5.2	6.8	8.0	8.8	9.1	9.1	8.8	8.0	6.8	5.2	3.5	1.7	
50	1.7	2.3	4.3	6.1	7.6	9.0	10.0	10.5	10.5	10.0	9.0	7.6	6.1	4.3	2.3	1.7
40		2.7	4.8	6.6	8.5	10.9	13.7	15.5	15.5	13.7	10.9	8.5	6.6	4.8	2.7	
30	2.3	3.0	5.1	7.1	10.0	15.5	34.5	62.7	62.7	34.5	15.5	10.0	7.1	5.1	3.0	2.3
20		3.1	5.2	7.4	11.8	33.4	188.4	414.5	414.5	188.4	33.4	11.8	7.4	5.2	3.1	
10	2.5	3.2	5.3	7.7	13.1	64.0	452.3	2926.1	2926.1	452.3	64.0	13.1	7.7	5.3	3.2	2.5
0		3.2	5.3	7.7	13.1	64.0	452.3	2926.1	2926.1	452.3	64.0	13.1	7.7	5.3	3.2	
-10	2.3	3.1	5.2	7.4	11.8	33.4	188.4	414.5	414.5	188.4	33.4	11.8	7.4	5.2	3.1	2.3
-20		3.0	5.1	7.1	10.0	15.5	34.5	62.7	62.7	34.5	15.5	10.0	7.1	5.1	3.0	
-30	1.7	2.7	4.8	6.6	8.5	10.9	13.7	15.5	15.5	13.7	10.9	8.5	6.6	4.8	2.7	1.7
-40		2.3	4.3	6.1	7.6	9.0	10.0	10.5	10.5	10.0	9.0	7.6	6.1	4.3	2.3	
-50	0.9	1.7	3.5	5.2	6.8	8.0	8.8	9.1	9.1	8.8	8.0	6.8	5.2	3.5	1.7	0.9
-60		1.1	2.3	3.8	5.3	6.5	7.4	7.8	7.8	7.4	6.5	5.3	3.8	2.3	1.1	
-70	0.3	2.1		5.7		9.3		10.7		9.3		5.7		2.1		0.3
-80		2.1		5.7		9.3		10.7		9.3		5.7		2.1		
-90	0.3	2.1		5.7		9.3		10.7		9.3		5.7		2.1		0.3

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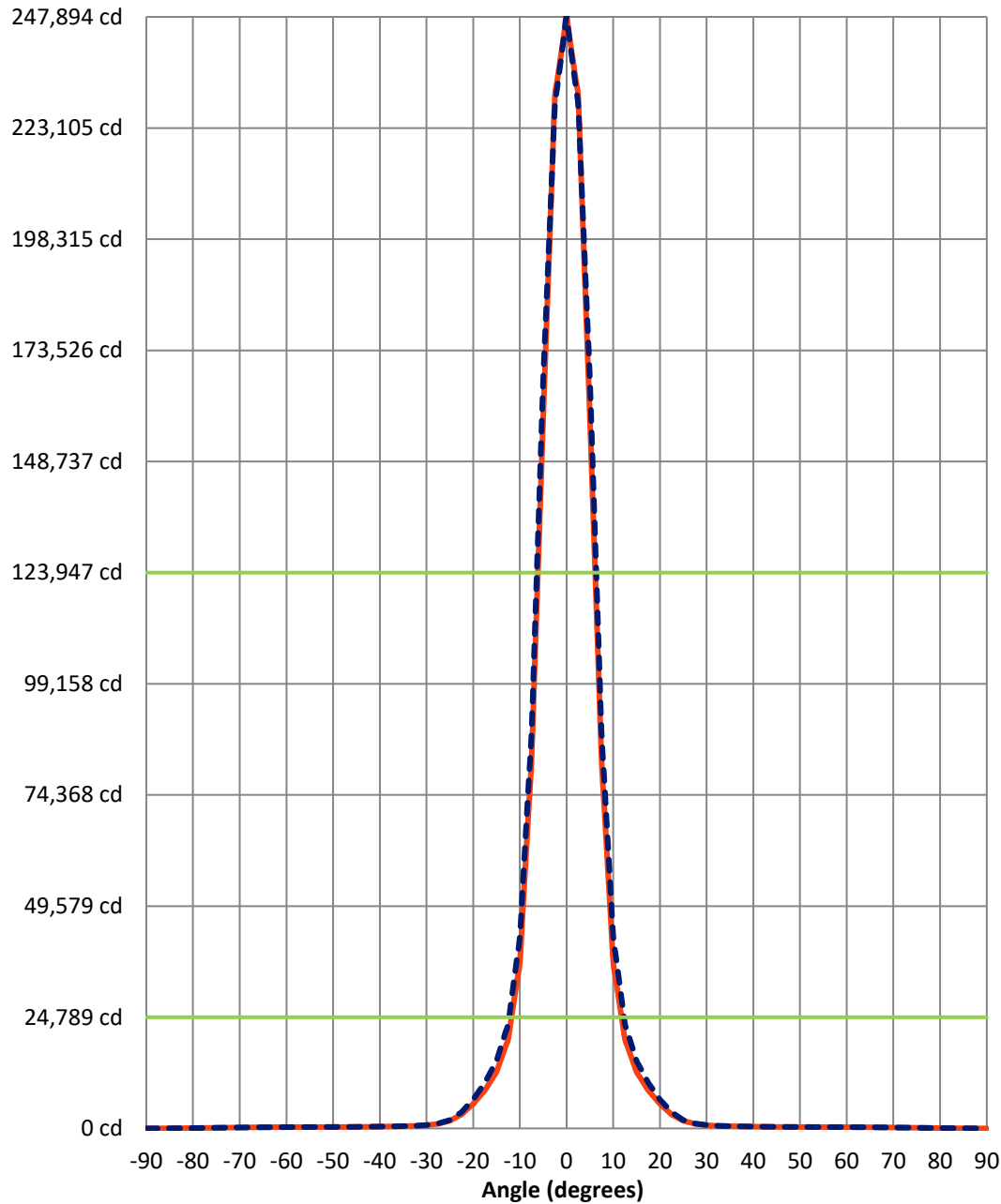
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 5677.9
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 12578.6
 Efficiency: 70.0%

Spill:
 Lumens: 5390.5
 Efficiency: 30.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.7	2.2	2.6	3.0	3.5	4.0	4.5	4.9
85°	0.0	1.2	2.3	3.4	4.4	5.2	6.1	7.0	8.0	8.9	9.9
82.5°	0.0	1.7	3.5	5.1	6.5	7.9	9.1	10.5	12.1	14.3	16.5
80°	0.0	2.3	4.6	6.8	8.7	10.5	12.2	15.1	18.0	21.1	24.2
77.5°	0.0	2.9	5.8	8.4	10.8	13.4	16.5	20.1	23.9	27.7	31.9
75°	0.0	3.5	6.9	10.1	13.1	16.9	20.7	25.1	29.8	35.1	40.2
72.5°	0.0	4.0	8.0	11.7	15.9	20.4	24.9	30.3	36.7	42.7	48.5
70°	0.0	4.6	9.2	13.4	18.7	23.9	29.2	36.4	43.5	50.3	59.7
67.5°	0.0	5.1	10.2	15.5	21.4	27.3	34.5	42.4	50.3	60.7	71.4
65°	0.0	5.7	11.3	17.5	24.1	31.1	39.6	48.4	59.1	70.7	83.1
62.5°	0.0	6.2	12.4	19.5	26.7	35.2	44.6	55.3	67.7	80.8	95.2
60°	0.0	6.7	13.4	21.4	29.3	39.3	49.5	62.4	75.9	91.4	107.0
57.5°	0.0	7.2	14.6	23.3	32.4	43.2	55.4	69.3	85.0	101.9	119.0
55°	0.0	7.7	15.8	25.1	35.4	47.0	61.2	76.1	94.0	112.1	130.9
52.5°	0.0	8.2	17.0	26.9	38.3	50.9	66.8	83.7	102.7	122.5	142.4
50°	0.0	8.6	18.1	28.6	41.1	55.4	72.3	91.2	111.4	132.6	153.9
47.5°	0.0	9.1	19.2	30.4	43.8	59.8	77.7	98.4	120.0	142.3	165.1
45°	0.0	9.5	20.3	32.3	46.4	64.0	83.6	105.3	128.4	152.1	175.9
42.5°	0.0	9.9	21.3	34.2	48.9	68.1	89.2	112.1	136.4	161.5	185.2
40°	0.0	10.3	22.2	35.9	51.6	71.9	94.5	118.8	144.2	170.5	193.9
37.5°	0.0	10.6	23.1	37.5	54.6	75.6	99.5	125.2	151.8	178.7	202.1
35°	0.0	11.0	24.0	39.0	57.3	79.4	104.3	131.2	158.9	185.6	209.6
32.5°	0.0	11.3	24.8	40.4	59.9	83.1	108.8	136.9	165.5	192.0	216.0
30°	0.0	11.6	25.5	41.7	62.4	86.5	113.3	142.2	171.6	198.1	222.0
27.5°	0.0	11.9	26.2	42.9	64.6	89.7	117.5	147.1	177.0	203.6	227.5
25°	0.0	12.1	26.9	44.0	66.6	92.6	121.3	151.7	181.5	208.4	232.5
22.5°	0.0	12.4	27.5	44.9	68.5	95.2	124.8	155.8	185.6	212.4	236.3
20°	0.0	12.6	28.0	45.8	70.2	97.6	127.9	159.4	189.3	216.1	239.8
17.5°	0.0	12.8	28.5	46.5	71.7	99.8	130.7	162.6	192.5	219.3	242.9
15°	0.0	12.9	28.9	47.1	73.0	101.6	133.2	165.3	195.2	222.1	245.6
12.5°	0.0	13.1	29.2	47.6	74.2	103.2	135.3	167.6	197.5	224.3	247.9
10°	0.0	13.2	29.5	48.0	75.1	104.5	137.1	169.4	199.3	226.2	249.8
7.5°	0.0	13.3	29.7	48.3	75.8	105.5	138.4	170.7	200.7	227.5	251.0
5°	0.0	13.3	29.9	48.4	76.4	106.2	139.4	171.5	201.6	228.3	251.8
2.5°	0.0	13.4	30.0	48.5	76.7	106.7	140.0	171.9	202.0	228.7	252.2
0°	0.0	13.4	30.0	48.4	76.8	106.8	140.2	171.9	201.9	228.6	252.0
-2.5°	0.0	13.4	30.0	48.5	76.7	106.7	140.0	171.9	202.0	228.7	252.2
-5°	0.0	13.3	29.9	48.4	76.4	106.2	139.4	171.5	201.6	228.3	251.8
-7.5°	0.0	13.3	29.7	48.3	75.8	105.5	138.4	170.7	200.7	227.5	251.0
-10°	0.0	13.2	29.5	48.0	75.1	104.5	137.1	169.4	199.3	226.2	249.8
-12.5°	0.0	13.1	29.2	47.6	74.2	103.2	135.3	167.6	197.5	224.3	247.9
-15°	0.0	12.9	28.9	47.1	73.0	101.6	133.2	165.3	195.2	222.1	245.6
-17.5°	0.0	12.8	28.5	46.5	71.7	99.8	130.7	162.6	192.5	219.3	242.9
-20°	0.0	12.6	28.0	45.8	70.2	97.6	127.9	159.4	189.3	216.1	239.8



REPORT NUMBER: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	12.4	27.5	44.9	68.5	95.2	124.8	155.8	185.6	212.4	236.3
-25°	0.0	12.1	26.9	44.0	66.6	92.6	121.3	151.7	181.5	208.4	232.5
-27.5°	0.0	11.9	26.2	42.9	64.6	89.7	117.5	147.1	177.0	203.6	227.5
-30°	0.0	11.6	25.5	41.7	62.4	86.5	113.3	142.2	171.6	198.1	222.0
-32.5°	0.0	11.3	24.8	40.4	59.9	83.1	108.8	136.9	165.5	192.0	216.0
-35°	0.0	11.0	24.0	39.0	57.3	79.4	104.3	131.2	158.9	185.6	209.6
-37.5°	0.0	10.6	23.1	37.5	54.6	75.6	99.5	125.2	151.8	178.7	202.1
-40°	0.0	10.3	22.2	35.9	51.6	71.9	94.5	118.8	144.2	170.5	193.9
-42.5°	0.0	9.9	21.3	34.2	48.9	68.1	89.2	112.1	136.4	161.5	185.2
-45°	0.0	9.5	20.3	32.3	46.4	64.0	83.6	105.3	128.4	152.1	175.9
-47.5°	0.0	9.1	19.2	30.4	43.8	59.8	77.7	98.4	120.0	142.3	165.1
-50°	0.0	8.6	18.1	28.6	41.1	55.4	72.3	91.2	111.4	132.6	153.9
-52.5°	0.0	8.2	17.0	26.9	38.3	50.9	66.8	83.7	102.7	122.5	142.4
-55°	0.0	7.7	15.8	25.1	35.4	47.0	61.2	76.1	94.0	112.1	130.9
-57.5°	0.0	7.2	14.6	23.3	32.4	43.2	55.4	69.3	85.0	101.9	119.0
-60°	0.0	6.7	13.4	21.4	29.3	39.3	49.5	62.4	75.9	91.4	107.0
-62.5°	0.0	6.2	12.4	19.5	26.7	35.2	44.6	55.3	67.7	80.8	95.2
-65°	0.0	5.7	11.3	17.5	24.1	31.1	39.6	48.4	59.1	70.7	83.1
-67.5°	0.0	5.1	10.2	15.5	21.4	27.3	34.5	42.4	50.3	60.7	71.4
-70°	0.0	4.6	9.2	13.4	18.7	23.9	29.2	36.4	43.5	50.3	59.7
-72.5°	0.0	4.0	8.0	11.7	15.9	20.4	24.9	30.3	36.7	42.7	48.5
-75°	0.0	3.5	6.9	10.1	13.1	16.9	20.7	25.1	29.8	35.1	40.2
-77.5°	0.0	2.9	5.8	8.4	10.8	13.4	16.5	20.1	23.9	27.7	31.9
-80°	0.0	2.3	4.6	6.8	8.7	10.5	12.2	15.1	18.0	21.1	24.2
-82.5°	0.0	1.7	3.5	5.1	6.5	7.9	9.1	10.5	12.1	14.3	16.5
-85°	0.0	1.2	2.3	3.4	4.4	5.2	6.1	7.0	8.0	8.9	9.9
-87.5°	0.0	0.6	1.2	1.7	2.2	2.6	3.0	3.5	4.0	4.5	4.9
-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°	5.4	5.8	6.3	6.7	7.1	7.5	7.9	8.3	8.6	9.0	9.3
85°	10.8	11.7	12.9	13.9	14.9	15.7	16.5	17.2	18.2	19.2	20.2
82.5°	18.4	20.0	21.4	22.5	23.7	24.8	26.1	28.0	30.5	33.0	35.2
80°	26.5	28.3	31.0	33.9	37.0	40.0	42.9	45.7	48.7	51.9	55.3
77.5°	35.6	39.3	43.5	48.0	52.3	57.3	62.3	67.5	72.1	76.2	79.7
75°	45.0	50.2	57.1	64.0	70.6	77.1	83.7	90.2	95.8	101.0	106.3
72.5°	56.1	64.5	72.7	80.8	89.2	97.4	105.0	112.2	119.4	126.6	133.4
70°	69.3	78.8	88.8	98.9	108.7	117.7	126.7	135.7	144.7	152.7	159.9
67.5°	82.5	93.9	105.3	116.7	127.5	137.9	148.4	158.8	168.7	177.2	184.6
65°	96.1	108.8	121.6	133.9	145.7	157.8	169.7	181.1	190.5	198.3	205.8
62.5°	109.3	123.7	137.7	151.1	164.4	177.6	189.1	199.4	209.1	217.5	225.6
60°	122.9	138.5	153.7	168.5	182.5	194.6	206.3	216.6	226.3	235.6	242.5
57.5°	136.3	153.2	169.5	184.7	198.2	210.7	221.9	232.8	241.2	248.6	256.1
55°	149.4	167.5	184.3	199.3	213.0	224.9	236.3	245.4	253.8	260.8	268.1
52.5°	162.3	181.2	197.8	213.0	226.1	238.0	248.0	257.0	264.8	272.0	278.0
50°	174.9	193.4	210.6	224.9	238.1	249.2	258.6	267.3	274.9	281.4	286.8
47.5°	186.0	205.2	221.4	236.2	248.6	259.2	268.3	276.5	284.0	289.8	295.2
45°	196.5	215.3	231.9	245.9	258.1	268.0	276.8	285.4	291.6	297.3	301.4
42.5°	206.5	224.7	240.9	255.4	266.1	275.7	284.7	292.1	298.5	303.5	307.9
40°	215.0	233.8	249.3	262.4	273.4	282.6	290.9	298.3	304.6	309.5	314.3
37.5°	223.0	241.2	256.8	269.1	279.4	288.5	296.7	303.6	309.8	315.0	321.5
35°	230.7	248.2	262.7	274.7	284.7	293.7	301.5	308.6	314.7	321.8	329.4
32.5°	237.2	254.8	268.3	279.2	289.1	298.3	306.0	313.2	320.3	328.4	337.7
30°	242.8	259.7	273.1	283.4	293.2	301.8	310.2	317.9	325.7	335.4	347.6
27.5°	247.8	264.2	276.6	286.9	296.8	304.9	313.7	322.4	331.6	342.8	358.3
25°	252.6	268.3	279.7	290.1	299.4	307.8	316.8	325.8	337.2	352.2	372.3
22.5°	256.4	272.1	282.4	293.1	301.5	310.4	319.7	329.7	342.7	360.8	387.1
20°	259.5	274.3	284.7	295.3	303.2	312.7	322.2	333.1	348.6	372.2	402.7
17.5°	262.3	276.2	286.6	296.6	305.0	314.7	324.5	335.8	353.5	382.9	417.0
15°	264.8	277.8	288.2	297.6	306.5	316.2	326.5	339.5	360.0	393.1	430.0
12.5°	266.9	279.1	289.4	298.4	307.7	317.2	328.1	342.6	367.0	402.7	442.8
10°	268.7	280.1	290.2	299.0	308.6	317.8	329.4	344.6	371.9	408.2	450.4
7.5°	269.8	280.8	290.8	299.3	309.1	317.9	330.4	345.6	374.9	411.1	454.5
5°	270.4	281.5	291.4	299.9	309.7	318.4	331.2	345.8	376.2	411.6	456.0
2.5°	270.6	281.9	291.9	300.3	310.2	319.5	332.8	347.6	377.4	413.6	457.1
0°	270.4	282.0	292.0	300.4	310.4	320.4	333.8	348.8	377.2	415.5	457.3
-2.5°	270.6	281.9	291.9	300.3	310.2	319.5	332.8	347.6	377.4	413.6	457.1
-5°	270.4	281.5	291.4	299.9	309.7	318.4	331.2	345.8	376.2	411.6	456.0
-7.5°	269.8	280.8	290.8	299.3	309.1	317.9	330.4	345.6	374.9	411.1	454.5
-10°	268.7	280.1	290.2	299.0	308.6	317.8	329.4	344.6	371.9	408.2	450.4
-12.5°	266.9	279.1	289.4	298.4	307.7	317.2	328.1	342.6	367.0	402.7	442.8
-15°	264.8	277.8	288.2	297.6	306.5	316.2	326.5	339.5	360.0	393.1	430.0
-17.5°	262.3	276.2	286.6	296.6	305.0	314.7	324.5	335.8	353.5	382.9	417.0
-20°	259.5	274.3	284.7	295.3	303.2	312.7	322.2	333.1	348.6	372.2	402.7



REPORT NUMBER: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	256.4	272.1	282.4	293.1	301.5	310.4	319.7	329.7	342.7	360.8	387.1
-25°	252.6	268.3	279.7	290.1	299.4	307.8	316.8	325.8	337.2	352.2	372.3
-27.5°	247.8	264.2	276.6	286.9	296.8	304.9	313.7	322.4	331.6	342.8	358.3
-30°	242.8	259.7	273.1	283.4	293.2	301.8	310.2	317.9	325.7	335.4	347.6
-32.5°	237.2	254.8	268.3	279.2	289.1	298.3	306.0	313.2	320.3	328.4	337.7
-35°	230.7	248.2	262.7	274.7	284.7	293.7	301.5	308.6	314.7	321.8	329.4
-37.5°	223.0	241.2	256.8	269.1	279.4	288.5	296.7	303.6	309.8	315.0	321.5
-40°	215.0	233.8	249.3	262.4	273.4	282.6	290.9	298.3	304.6	309.5	314.3
-42.5°	206.5	224.7	240.9	255.4	266.1	275.7	284.7	292.1	298.5	303.5	307.9
-45°	196.5	215.3	231.9	245.9	258.1	268.0	276.8	285.4	291.6	297.3	301.4
-47.5°	186.0	205.2	221.4	236.2	248.6	259.2	268.3	276.5	284.0	289.8	295.2
-50°	174.9	193.4	210.6	224.9	238.1	249.2	258.6	267.3	274.9	281.4	286.8
-52.5°	162.3	181.2	197.8	213.0	226.1	238.0	248.0	257.0	264.8	272.0	278.0
-55°	149.4	167.5	184.3	199.3	213.0	224.9	236.3	245.4	253.8	260.8	268.1
-57.5°	136.3	153.2	169.5	184.7	198.2	210.7	221.9	232.8	241.2	248.6	256.1
-60°	122.9	138.5	153.7	168.5	182.5	194.6	206.3	216.6	226.3	235.6	242.5
-62.5°	109.3	123.7	137.7	151.1	164.4	177.6	189.1	199.4	209.1	217.5	225.6
-65°	96.1	108.8	121.6	133.9	145.7	157.8	169.7	181.1	190.5	198.3	205.8
-67.5°	82.5	93.9	105.3	116.7	127.5	137.9	148.4	158.8	168.7	177.2	184.6
-70°	69.3	78.8	88.8	98.9	108.7	117.7	126.7	135.7	144.7	152.7	159.9
-72.5°	56.1	64.5	72.7	80.8	89.2	97.4	105.0	112.2	119.4	126.6	133.4
-75°	45.0	50.2	57.1	64.0	70.6	77.1	83.7	90.2	95.8	101.0	106.3
-77.5°	35.6	39.3	43.5	48.0	52.3	57.3	62.3	67.5	72.1	76.2	79.7
-80°	26.5	28.3	31.0	33.9	37.0	40.0	42.9	45.7	48.7	51.9	55.3
-82.5°	18.4	20.0	21.4	22.5	23.7	24.8	26.1	28.0	30.5	33.0	35.2
-85°	10.8	11.7	12.9	13.9	14.9	15.7	16.5	17.2	18.2	19.2	20.2
-87.5°	5.4	5.8	6.3	6.7	7.1	7.5	7.9	8.3	8.6	9.0	9.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.6	9.5	9.4	9.2	9.1	9.2	9.4	9.5	9.7	9.8	9.8
85°	21.3	22.1	23.1	24.0	24.9	25.6	26.2	26.7	27.1	27.5	27.8
82.5°	37.3	39.2	41.0	42.6	44.0	45.1	46.2	47.1	47.9	48.5	49.1
80°	58.3	61.2	63.9	66.4	68.8	70.6	72.2	73.5	74.5	75.7	76.7
77.5°	83.3	87.3	91.1	94.6	97.7	100.3	102.5	104.4	106.1	108.1	110.0
75°	111.5	116.4	120.8	124.9	128.6	131.9	134.9	137.4	139.6	141.8	143.7
72.5°	139.8	145.7	150.8	155.1	159.0	162.8	166.5	170.0	173.2	175.6	177.4
70°	166.5	172.4	177.9	182.8	187.4	192.2	197.0	201.5	205.6	208.2	209.7
67.5°	190.9	197.0	203.2	209.3	214.7	219.7	224.6	229.0	233.0	235.7	237.3
65°	213.0	219.7	226.4	232.7	238.4	242.6	247.1	251.3	255.2	258.3	260.6
62.5°	233.6	240.2	245.9	251.2	256.1	260.4	264.7	268.5	271.9	274.9	277.6
60°	249.3	256.1	261.6	266.5	271.1	275.4	278.8	281.6	283.9	285.8	287.5
57.5°	262.9	269.3	274.9	279.0	283.0	287.1	290.0	291.8	293.2	294.2	294.9
55°	274.5	279.7	284.4	288.9	292.9	296.3	298.9	300.1	300.9	301.2	301.6
52.5°	283.9	288.9	293.7	298.0	301.1	304.1	306.6	307.3	307.7	307.8	307.9
50°	292.4	297.4	301.2	304.7	308.0	310.6	312.8	313.8	314.4	314.6	314.2
47.5°	299.3	303.5	307.7	311.4	314.7	317.8	320.3	321.7	322.8	323.2	323.2
45°	305.3	310.3	314.8	319.1	323.0	327.0	330.4	332.7	335.0	336.6	337.4
42.5°	312.5	317.5	322.5	328.4	333.9	339.1	344.8	349.8	355.0	360.5	364.3
40°	319.9	325.3	332.8	340.0	348.1	355.4	367.3	379.2	388.3	396.0	402.9
37.5°	328.2	336.0	345.1	354.4	367.6	381.2	396.2	411.0	423.9	435.5	444.8
35°	337.7	348.3	359.4	375.9	392.7	409.5	427.5	447.2	463.9	476.0	484.7
32.5°	349.4	362.7	380.6	401.7	422.2	444.1	465.9	487.8	504.2	521.1	538.2
30°	362.4	381.6	404.7	430.3	456.0	482.1	509.4	539.8	568.7	599.7	644.1
27.5°	379.0	402.4	429.6	459.8	490.8	521.9	569.5	621.6	699.0	760.8	865.8
25°	396.7	424.1	456.4	491.5	529.3	585.0	672.1	775.0	957.4	1098.8	1313.5
22.5°	416.4	448.7	484.4	524.7	585.7	690.6	839.6	1103.9	1471.7	1834.9	2239.0
20°	435.9	471.5	510.7	571.7	675.3	841.2	1163.8	1735.4	2373.7	3282.5	4045.3
17.5°	454.3	492.2	541.8	624.4	779.4	1113.3	1738.1	2717.1	4050.3	5515.3	6737.0
15°	470.5	509.2	576.1	706.8	968.7	1488.7	2432.2	4098.3	6338.4	8344.2	10133.2
12.5°	484.2	530.0	613.2	773.3	1133.1	1902.9	3416.4	5782.2	8517.6	11330.7	13594.7
10°	494.1	552.1	662.8	896.5	1394.3	2395.7	4236.6	7220.8	10514.5	13933.5	18026.3
7.5°	500.1	567.9	700.4	987.9	1627.3	2944.5	5265.5	8505.3	12287.6	16954.9	23208.2
5°	504.4	578.6	728.3	1056.8	1783.0	3307.2	5915.1	9478.6	13817.5	20566.2	33435.8
2.5°	506.5	583.3	744.1	1094.5	1854.0	3493.8	6372.3	10035.8	14748.4	23113.7	40521.0
0°	505.7	580.8	746.0	1103.1	1864.1	3636.4	6448.4	10194.9	15062.9	23342.1	42792.4
-2.5°	506.5	583.3	744.1	1094.5	1854.0	3493.8	6372.3	10035.8	14748.4	23113.7	40521.0
-5°	504.4	578.6	728.3	1056.8	1783.0	3307.2	5915.1	9478.6	13817.5	20566.2	33435.8
-7.5°	500.1	567.9	700.4	987.9	1627.3	2944.5	5265.5	8505.3	12287.6	16954.9	23208.2
-10°	494.1	552.1	662.8	896.5	1394.3	2395.7	4236.6	7220.8	10514.5	13933.5	18026.3
-12.5°	484.2	530.0	613.2	773.3	1133.1	1902.9	3416.4	5782.2	8517.6	11330.7	13594.7
-15°	470.5	509.2	576.1	706.8	968.7	1488.7	2432.2	4098.3	6338.4	8344.2	10133.2
-17.5°	454.3	492.2	541.8	624.4	779.4	1113.3	1738.1	2717.1	4050.3	5515.3	6737.0
-20°	435.9	471.5	510.7	571.7	675.3	841.2	1163.8	1735.4	2373.7	3282.5	4045.3



REPORT NUMBER: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	416.4	448.7	484.4	524.7	585.7	690.6	839.6	1103.9	1471.7	1834.9	2239.0
-25°	396.7	424.1	456.4	491.5	529.3	585.0	672.1	775.0	957.4	1098.8	1313.5
-27.5°	379.0	402.4	429.6	459.8	490.8	521.9	569.5	621.6	699.0	760.8	865.8
-30°	362.4	381.6	404.7	430.3	456.0	482.1	509.4	539.8	568.7	599.7	644.1
-32.5°	349.4	362.7	380.6	401.7	422.2	444.1	465.9	487.8	504.2	521.1	538.2
-35°	337.7	348.3	359.4	375.9	392.7	409.5	427.5	447.2	463.9	476.0	484.7
-37.5°	328.2	336.0	345.1	354.4	367.6	381.2	396.2	411.0	423.9	435.5	444.8
-40°	319.9	325.3	332.8	340.0	348.1	355.4	367.3	379.2	388.3	396.0	402.9
-42.5°	312.5	317.5	322.5	328.4	333.9	339.1	344.8	349.8	355.0	360.5	364.3
-45°	305.3	310.3	314.8	319.1	323.0	327.0	330.4	332.7	335.0	336.6	337.4
-47.5°	299.3	303.5	307.7	311.4	314.7	317.8	320.3	321.7	322.8	323.2	323.2
-50°	292.4	297.4	301.2	304.7	308.0	310.6	312.8	313.8	314.4	314.6	314.2
-52.5°	283.9	288.9	293.7	298.0	301.1	304.1	306.6	307.3	307.7	307.8	307.9
-55°	274.5	279.7	284.4	288.9	292.9	296.3	298.9	300.1	300.9	301.2	301.6
-57.5°	262.9	269.3	274.9	279.0	283.0	287.1	290.0	291.8	293.2	294.2	294.9
-60°	249.3	256.1	261.6	266.5	271.1	275.4	278.8	281.6	283.9	285.8	287.5
-62.5°	233.6	240.2	245.9	251.2	256.1	260.4	264.7	268.5	271.9	274.9	277.6
-65°	213.0	219.7	226.4	232.7	238.4	242.6	247.1	251.3	255.2	258.3	260.6
-67.5°	190.9	197.0	203.2	209.3	214.7	219.7	224.6	229.0	233.0	235.7	237.3
-70°	166.5	172.4	177.9	182.8	187.4	192.2	197.0	201.5	205.6	208.2	209.7
-72.5°	139.8	145.7	150.8	155.1	159.0	162.8	166.5	170.0	173.2	175.6	177.4
-75°	111.5	116.4	120.8	124.9	128.6	131.9	134.9	137.4	139.6	141.8	143.7
-77.5°	83.3	87.3	91.1	94.6	97.7	100.3	102.5	104.4	106.1	108.1	110.0
-80°	58.3	61.2	63.9	66.4	68.8	70.6	72.2	73.5	74.5	75.7	76.7
-82.5°	37.3	39.2	41.0	42.6	44.0	45.1	46.2	47.1	47.9	48.5	49.1
-85°	21.3	22.1	23.1	24.0	24.9	25.6	26.2	26.7	27.1	27.5	27.8
-87.5°	9.6	9.5	9.4	9.2	9.1	9.2	9.4	9.5	9.7	9.8	9.8
-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: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.5
85°	28.1	28.3	28.4	28.4	28.4	28.3	28.1	27.8	27.5	27.1	26.7
82.5°	49.5	49.9	50.0	50.1	50.0	49.9	49.5	49.1	48.5	47.9	47.1
80°	77.4	78.0	78.3	78.4	78.3	78.0	77.4	76.7	75.7	74.5	73.5
77.5°	111.5	112.8	113.3	113.5	113.3	112.8	111.5	110.0	108.1	106.1	104.4
75°	145.1	146.1	146.7	146.9	146.7	146.1	145.1	143.7	141.8	139.6	137.4
72.5°	178.6	179.3	180.8	181.9	180.8	179.3	178.6	177.4	175.6	173.2	170.0
70°	210.6	211.0	212.4	213.6	212.4	211.0	210.6	209.7	208.2	205.6	201.5
67.5°	238.6	239.3	239.3	238.6	239.3	239.3	238.6	237.3	235.7	233.0	229.0
65°	262.6	264.2	264.3	263.7	264.3	264.2	262.6	260.6	258.3	255.2	251.3
62.5°	280.2	282.6	283.5	283.7	283.5	282.6	280.2	277.6	274.9	271.9	268.5
60°	288.9	289.9	290.3	290.4	290.3	289.9	288.9	287.5	285.8	283.9	281.6
57.5°	295.3	295.3	295.3	295.4	295.3	295.3	295.3	294.9	294.2	293.2	291.8
55°	301.8	301.9	301.3	300.4	301.3	301.9	301.8	301.6	301.2	300.9	300.1
52.5°	307.7	307.2	306.4	305.4	306.4	307.2	307.7	307.9	307.8	307.7	307.3
50°	313.5	312.5	312.0	312.1	312.0	312.5	313.5	314.2	314.6	314.4	313.8
47.5°	322.9	322.2	321.9	322.1	321.9	322.2	322.9	323.2	323.2	322.8	321.7
45°	337.7	337.1	336.8	337.1	336.8	337.1	337.7	337.4	336.6	335.0	332.7
42.5°	366.4	366.6	366.4	367.1	366.4	366.6	366.4	364.3	360.5	355.0	349.8
40°	405.7	405.5	404.2	403.9	404.2	405.5	405.7	402.9	396.0	388.3	379.2
37.5°	448.7	448.8	447.4	447.2	447.4	448.8	448.7	444.8	435.5	423.9	411.0
35°	489.3	490.8	490.5	489.0	490.5	490.8	489.3	484.7	476.0	463.9	447.2
32.5°	550.2	559.6	564.5	562.4	564.5	559.6	550.2	538.2	521.1	504.2	487.8
30°	672.0	696.1	708.8	714.3	708.8	696.1	672.0	644.1	599.7	568.7	539.8
27.5°	940.9	994.0	1017.8	1026.3	1017.8	994.0	940.9	865.8	760.8	699.0	621.6
25°	1501.0	1620.8	1679.9	1698.9	1679.9	1620.8	1501.0	1313.5	1098.8	957.4	775.0
22.5°	2683.9	2914.6	3072.4	3107.4	3072.4	2914.6	2683.9	2239.0	1834.9	1471.7	1103.9
20°	4812.3	5258.5	5500.6	5478.8	5500.6	5258.5	4812.3	4045.3	3282.5	2373.7	1735.4
17.5°	7775.4	8347.6	8620.0	8492.7	8620.0	8347.6	7775.4	6737.0	5515.3	4050.3	2717.1
15°	11398.5	12171.5	12508.8	12613.1	12508.8	12171.5	11398.5	10133.2	8344.2	6338.4	4098.3
12.5°	15854.7	18389.2	19601.2	19925.9	19601.2	18389.2	15854.7	13594.7	11330.7	8517.6	5782.2
10°	22212.7	30731.9	35799.2	37036.5	35799.2	30731.9	22212.7	18026.3	13933.5	10514.5	7220.8
7.5°	36275.1	53587.0	72980.1	82163.7	72980.1	53587.0	36275.1	23208.2	16954.9	12287.6	8505.3
5°	55319.5	96011.5	140912.6	158514.7	140912.6	96011.5	55319.5	33435.8	20566.2	13817.5	9478.6
2.5°	78471.2	144970.0	207012.4	230140.4	207012.4	144970.0	78471.2	40521.0	23113.7	14748.4	10035.8
0°	88252.4	167134.2	228082.7	247894.3	228082.7	167134.2	88252.4	42792.4	23342.1	15062.9	10194.9
-2.5°	78471.2	144970.0	207012.4	230140.4	207012.4	144970.0	78471.2	40521.0	23113.7	14748.4	10035.8
-5°	55319.5	96011.5	140912.6	158514.7	140912.6	96011.5	55319.5	33435.8	20566.2	13817.5	9478.6
-7.5°	36275.1	53587.0	72980.1	82163.7	72980.1	53587.0	36275.1	23208.2	16954.9	12287.6	8505.3
-10°	22212.7	30731.9	35799.2	37036.5	35799.2	30731.9	22212.7	18026.3	13933.5	10514.5	7220.8
-12.5°	15854.7	18389.2	19601.2	19925.9	19601.2	18389.2	15854.7	13594.7	11330.7	8517.6	5782.2
-15°	11398.5	12171.5	12508.8	12613.1	12508.8	12171.5	11398.5	10133.2	8344.2	6338.4	4098.3
-17.5°	7775.4	8347.6	8620.0	8492.7	8620.0	8347.6	7775.4	6737.0	5515.3	4050.3	2717.1
-20°	4812.3	5258.5	5500.6	5478.8	5500.6	5258.5	4812.3	4045.3	3282.5	2373.7	1735.4



REPORT NUMBER: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2683.9	2914.6	3072.4	3107.4	3072.4	2914.6	2683.9	2239.0	1834.9	1471.7	1103.9
-25°	1501.0	1620.8	1679.9	1698.9	1679.9	1620.8	1501.0	1313.5	1098.8	957.4	775.0
-27.5°	940.9	994.0	1017.8	1026.3	1017.8	994.0	940.9	865.8	760.8	699.0	621.6
-30°	672.0	696.1	708.8	714.3	708.8	696.1	672.0	644.1	599.7	568.7	539.8
-32.5°	550.2	559.6	564.5	562.4	564.5	559.6	550.2	538.2	521.1	504.2	487.8
-35°	489.3	490.8	490.5	489.0	490.5	490.8	489.3	484.7	476.0	463.9	447.2
-37.5°	448.7	448.8	447.4	447.2	447.4	448.8	448.7	444.8	435.5	423.9	411.0
-40°	405.7	405.5	404.2	403.9	404.2	405.5	405.7	402.9	396.0	388.3	379.2
-42.5°	366.4	366.6	366.4	367.1	366.4	366.6	366.4	364.3	360.5	355.0	349.8
-45°	337.7	337.1	336.8	337.1	336.8	337.1	337.7	337.4	336.6	335.0	332.7
-47.5°	322.9	322.2	321.9	322.1	321.9	322.2	322.9	323.2	323.2	322.8	321.7
-50°	313.5	312.5	312.0	312.1	312.0	312.5	313.5	314.2	314.6	314.4	313.8
-52.5°	307.7	307.2	306.4	305.4	306.4	307.2	307.7	307.9	307.8	307.7	307.3
-55°	301.8	301.9	301.3	300.4	301.3	301.9	301.8	301.6	301.2	300.9	300.1
-57.5°	295.3	295.3	295.3	295.4	295.3	295.3	295.3	294.9	294.2	293.2	291.8
-60°	288.9	289.9	290.3	290.4	290.3	289.9	288.9	287.5	285.8	283.9	281.6
-62.5°	280.2	282.6	283.5	283.7	283.5	282.6	280.2	277.6	274.9	271.9	268.5
-65°	262.6	264.2	264.3	263.7	264.3	264.2	262.6	260.6	258.3	255.2	251.3
-67.5°	238.6	239.3	239.3	238.6	239.3	239.3	238.6	237.3	235.7	233.0	229.0
-70°	210.6	211.0	212.4	213.6	212.4	211.0	210.6	209.7	208.2	205.6	201.5
-72.5°	178.6	179.3	180.8	181.9	180.8	179.3	178.6	177.4	175.6	173.2	170.0
-75°	145.1	146.1	146.7	146.9	146.7	146.1	145.1	143.7	141.8	139.6	137.4
-77.5°	111.5	112.8	113.3	113.5	113.3	112.8	111.5	110.0	108.1	106.1	104.4
-80°	77.4	78.0	78.3	78.4	78.3	78.0	77.4	76.7	75.7	74.5	73.5
-82.5°	49.5	49.9	50.0	50.1	50.0	49.9	49.5	49.1	48.5	47.9	47.1
-85°	28.1	28.3	28.4	28.4	28.4	28.3	28.1	27.8	27.5	27.1	26.7
-87.5°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.8	9.7	9.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.4	9.2	9.1	9.2	9.4	9.5	9.6	9.3	9.0	8.6	8.3
85°	26.2	25.6	24.9	24.0	23.1	22.1	21.3	20.2	19.2	18.2	17.2
82.5°	46.2	45.1	44.0	42.6	41.0	39.2	37.3	35.2	33.0	30.5	28.0
80°	72.2	70.6	68.8	66.4	63.9	61.2	58.3	55.3	51.9	48.7	45.7
77.5°	102.5	100.3	97.7	94.6	91.1	87.3	83.3	79.7	76.2	72.1	67.5
75°	134.9	131.9	128.6	124.9	120.8	116.4	111.5	106.3	101.0	95.8	90.2
72.5°	166.5	162.8	159.0	155.1	150.8	145.7	139.8	133.4	126.6	119.4	112.2
70°	197.0	192.2	187.4	182.8	177.9	172.4	166.5	159.9	152.7	144.7	135.7
67.5°	224.6	219.7	214.7	209.3	203.2	197.0	190.9	184.6	177.2	168.7	158.8
65°	247.1	242.6	238.4	232.7	226.4	219.7	213.0	205.8	198.3	190.5	181.1
62.5°	264.7	260.4	256.1	251.2	245.9	240.2	233.6	225.6	217.5	209.1	199.4
60°	278.8	275.4	271.1	266.5	261.6	256.1	249.3	242.5	235.6	226.3	216.6
57.5°	290.0	287.1	283.0	279.0	274.9	269.3	262.9	256.1	248.6	241.2	232.8
55°	298.9	296.3	292.9	288.9	284.4	279.7	274.5	268.1	260.8	253.8	245.4
52.5°	306.6	304.1	301.1	298.0	293.7	288.9	283.9	278.0	272.0	264.8	257.0
50°	312.8	310.6	308.0	304.7	301.2	297.4	292.4	286.8	281.4	274.9	267.3
47.5°	320.3	317.8	314.7	311.4	307.7	303.5	299.3	295.2	289.8	284.0	276.5
45°	330.4	327.0	323.0	319.1	314.8	310.3	305.3	301.4	297.3	291.6	285.4
42.5°	344.8	339.1	333.9	328.4	322.5	317.5	312.5	307.9	303.5	298.5	292.1
40°	367.3	355.4	348.1	340.0	332.8	325.3	319.9	314.3	309.5	304.6	298.3
37.5°	396.2	381.2	367.6	354.4	345.1	336.0	328.2	321.5	315.0	309.8	303.6
35°	427.5	409.5	392.7	375.9	359.4	348.3	337.7	329.4	321.8	314.7	308.6
32.5°	465.9	444.1	422.2	401.7	380.6	362.7	349.4	337.7	328.4	320.3	313.2
30°	509.4	482.1	456.0	430.3	404.7	381.6	362.4	347.6	335.4	325.7	317.9
27.5°	569.5	521.9	490.8	459.8	429.6	402.4	379.0	358.3	342.8	331.6	322.4
25°	672.1	585.0	529.3	491.5	456.4	424.1	396.7	372.3	352.2	337.2	325.8
22.5°	839.6	690.6	585.7	524.7	484.4	448.7	416.4	387.1	360.8	342.7	329.7
20°	1163.8	841.2	675.3	571.7	510.7	471.5	435.9	402.7	372.2	348.6	333.1
17.5°	1738.1	1113.3	779.4	624.4	541.8	492.2	454.3	417.0	382.9	353.5	335.8
15°	2432.2	1488.7	968.7	706.8	576.1	509.2	470.5	430.0	393.1	360.0	339.5
12.5°	3416.4	1902.9	1133.1	773.3	613.2	530.0	484.2	442.8	402.7	367.0	342.6
10°	4236.6	2395.7	1394.3	896.5	662.8	552.1	494.1	450.4	408.2	371.9	344.6
7.5°	5265.5	2944.5	1627.3	987.9	700.4	567.9	500.1	454.5	411.1	374.9	345.6
5°	5915.1	3307.2	1783.0	1056.8	728.3	578.6	504.4	456.0	411.6	376.2	345.8
2.5°	6372.3	3493.8	1854.0	1094.5	744.1	583.3	506.5	457.1	413.6	377.4	347.6
0°	6448.4	3636.4	1864.1	1103.1	746.0	580.8	505.7	457.3	415.5	377.2	348.8
-2.5°	6372.3	3493.8	1854.0	1094.5	744.1	583.3	506.5	457.1	413.6	377.4	347.6
-5°	5915.1	3307.2	1783.0	1056.8	728.3	578.6	504.4	456.0	411.6	376.2	345.8
-7.5°	5265.5	2944.5	1627.3	987.9	700.4	567.9	500.1	454.5	411.1	374.9	345.6
-10°	4236.6	2395.7	1394.3	896.5	662.8	552.1	494.1	450.4	408.2	371.9	344.6
-12.5°	3416.4	1902.9	1133.1	773.3	613.2	530.0	484.2	442.8	402.7	367.0	342.6
-15°	2432.2	1488.7	968.7	706.8	576.1	509.2	470.5	430.0	393.1	360.0	339.5
-17.5°	1738.1	1113.3	779.4	624.4	541.8	492.2	454.3	417.0	382.9	353.5	335.8
-20°	1163.8	841.2	675.3	571.7	510.7	471.5	435.9	402.7	372.2	348.6	333.1



REPORT NUMBER: P558928 (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°	839.6	690.6	585.7	524.7	484.4	448.7	416.4	387.1	360.8	342.7	329.7
-25°	672.1	585.0	529.3	491.5	456.4	424.1	396.7	372.3	352.2	337.2	325.8
-27.5°	569.5	521.9	490.8	459.8	429.6	402.4	379.0	358.3	342.8	331.6	322.4
-30°	509.4	482.1	456.0	430.3	404.7	381.6	362.4	347.6	335.4	325.7	317.9
-32.5°	465.9	444.1	422.2	401.7	380.6	362.7	349.4	337.7	328.4	320.3	313.2
-35°	427.5	409.5	392.7	375.9	359.4	348.3	337.7	329.4	321.8	314.7	308.6
-37.5°	396.2	381.2	367.6	354.4	345.1	336.0	328.2	321.5	315.0	309.8	303.6
-40°	367.3	355.4	348.1	340.0	332.8	325.3	319.9	314.3	309.5	304.6	298.3
-42.5°	344.8	339.1	333.9	328.4	322.5	317.5	312.5	307.9	303.5	298.5	292.1
-45°	330.4	327.0	323.0	319.1	314.8	310.3	305.3	301.4	297.3	291.6	285.4
-47.5°	320.3	317.8	314.7	311.4	307.7	303.5	299.3	295.2	289.8	284.0	276.5
-50°	312.8	310.6	308.0	304.7	301.2	297.4	292.4	286.8	281.4	274.9	267.3
-52.5°	306.6	304.1	301.1	298.0	293.7	288.9	283.9	278.0	272.0	264.8	257.0
-55°	298.9	296.3	292.9	288.9	284.4	279.7	274.5	268.1	260.8	253.8	245.4
-57.5°	290.0	287.1	283.0	279.0	274.9	269.3	262.9	256.1	248.6	241.2	232.8
-60°	278.8	275.4	271.1	266.5	261.6	256.1	249.3	242.5	235.6	226.3	216.6
-62.5°	264.7	260.4	256.1	251.2	245.9	240.2	233.6	225.6	217.5	209.1	199.4
-65°	247.1	242.6	238.4	232.7	226.4	219.7	213.0	205.8	198.3	190.5	181.1
-67.5°	224.6	219.7	214.7	209.3	203.2	197.0	190.9	184.6	177.2	168.7	158.8
-70°	197.0	192.2	187.4	182.8	177.9	172.4	166.5	159.9	152.7	144.7	135.7
-72.5°	166.5	162.8	159.0	155.1	150.8	145.7	139.8	133.4	126.6	119.4	112.2
-75°	134.9	131.9	128.6	124.9	120.8	116.4	111.5	106.3	101.0	95.8	90.2
-77.5°	102.5	100.3	97.7	94.6	91.1	87.3	83.3	79.7	76.2	72.1	67.5
-80°	72.2	70.6	68.8	66.4	63.9	61.2	58.3	55.3	51.9	48.7	45.7
-82.5°	46.2	45.1	44.0	42.6	41.0	39.2	37.3	35.2	33.0	30.5	28.0
-85°	26.2	25.6	24.9	24.0	23.1	22.1	21.3	20.2	19.2	18.2	17.2
-87.5°	9.4	9.2	9.1	9.2	9.4	9.5	9.6	9.3	9.0	8.6	8.3
-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: P558928 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	7.5	7.1	6.7	6.3	5.8	5.4	4.9	4.5	4.0	3.5
85°	16.5	15.7	14.9	13.9	12.9	11.7	10.8	9.9	8.9	8.0	7.0
82.5°	26.1	24.8	23.7	22.5	21.4	20.0	18.4	16.5	14.3	12.1	10.5
80°	42.9	40.0	37.0	33.9	31.0	28.3	26.5	24.2	21.1	18.0	15.1
77.5°	62.3	57.3	52.3	48.0	43.5	39.3	35.6	31.9	27.7	23.9	20.1
75°	83.7	77.1	70.6	64.0	57.1	50.2	45.0	40.2	35.1	29.8	25.1
72.5°	105.0	97.4	89.2	80.8	72.7	64.5	56.1	48.5	42.7	36.7	30.3
70°	126.7	117.7	108.7	98.9	88.8	78.8	69.3	59.7	50.3	43.5	36.4
67.5°	148.4	137.9	127.5	116.7	105.3	93.9	82.5	71.4	60.7	50.3	42.4
65°	169.7	157.8	145.7	133.9	121.6	108.8	96.1	83.1	70.7	59.1	48.4
62.5°	189.1	177.6	164.4	151.1	137.7	123.7	109.3	95.2	80.8	67.7	55.3
60°	206.3	194.6	182.5	168.5	153.7	138.5	122.9	107.0	91.4	75.9	62.4
57.5°	221.9	210.7	198.2	184.7	169.5	153.2	136.3	119.0	101.9	85.0	69.3
55°	236.3	224.9	213.0	199.3	184.3	167.5	149.4	130.9	112.1	94.0	76.1
52.5°	248.0	238.0	226.1	213.0	197.8	181.2	162.3	142.4	122.5	102.7	83.7
50°	258.6	249.2	238.1	224.9	210.6	193.4	174.9	153.9	132.6	111.4	91.2
47.5°	268.3	259.2	248.6	236.2	221.4	205.2	186.0	165.1	142.3	120.0	98.4
45°	276.8	268.0	258.1	245.9	231.9	215.3	196.5	175.9	152.1	128.4	105.3
42.5°	284.7	275.7	266.1	255.4	240.9	224.7	206.5	185.2	161.5	136.4	112.1
40°	290.9	282.6	273.4	262.4	249.3	233.8	215.0	193.9	170.5	144.2	118.8
37.5°	296.7	288.5	279.4	269.1	256.8	241.2	223.0	202.1	178.7	151.8	125.2
35°	301.5	293.7	284.7	274.7	262.7	248.2	230.7	209.6	185.6	158.9	131.2
32.5°	306.0	298.3	289.1	279.2	268.3	254.8	237.2	216.0	192.0	165.5	136.9
30°	310.2	301.8	293.2	283.4	273.1	259.7	242.8	222.0	198.1	171.6	142.2
27.5°	313.7	304.9	296.8	286.9	276.6	264.2	247.8	227.5	203.6	177.0	147.1
25°	316.8	307.8	299.4	290.1	279.7	268.3	252.6	232.5	208.4	181.5	151.7
22.5°	319.7	310.4	301.5	293.1	282.4	272.1	256.4	236.3	212.4	185.6	155.8
20°	322.2	312.7	303.2	295.3	284.7	274.3	259.5	239.8	216.1	189.3	159.4
17.5°	324.5	314.7	305.0	296.6	286.6	276.2	262.3	242.9	219.3	192.5	162.6
15°	326.5	316.2	306.5	297.6	288.2	277.8	264.8	245.6	222.1	195.2	165.3
12.5°	328.1	317.2	307.7	298.4	289.4	279.1	266.9	247.9	224.3	197.5	167.6
10°	329.4	317.8	308.6	299.0	290.2	280.1	268.7	249.8	226.2	199.3	169.4
7.5°	330.4	317.9	309.1	299.3	290.8	280.8	269.8	251.0	227.5	200.7	170.7
5°	331.2	318.4	309.7	299.9	291.4	281.5	270.4	251.8	228.3	201.6	171.5
2.5°	332.8	319.5	310.2	300.3	291.9	281.9	270.6	252.2	228.7	202.0	171.9
0°	333.8	320.4	310.4	300.4	292.0	282.0	270.4	252.0	228.6	201.9	171.9
-2.5°	332.8	319.5	310.2	300.3	291.9	281.9	270.6	252.2	228.7	202.0	171.9
-5°	331.2	318.4	309.7	299.9	291.4	281.5	270.4	251.8	228.3	201.6	171.5
-7.5°	330.4	317.9	309.1	299.3	290.8	280.8	269.8	251.0	227.5	200.7	170.7
-10°	329.4	317.8	308.6	299.0	290.2	280.1	268.7	249.8	226.2	199.3	169.4
-12.5°	328.1	317.2	307.7	298.4	289.4	279.1	266.9	247.9	224.3	197.5	167.6
-15°	326.5	316.2	306.5	297.6	288.2	277.8	264.8	245.6	222.1	195.2	165.3
-17.5°	324.5	314.7	305.0	296.6	286.6	276.2	262.3	242.9	219.3	192.5	162.6
-20°	322.2	312.7	303.2	295.3	284.7	274.3	259.5	239.8	216.1	189.3	159.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	319.7	310.4	301.5	293.1	282.4	272.1	256.4	236.3	212.4	185.6	155.8
-25°	316.8	307.8	299.4	290.1	279.7	268.3	252.6	232.5	208.4	181.5	151.7
-27.5°	313.7	304.9	296.8	286.9	276.6	264.2	247.8	227.5	203.6	177.0	147.1
-30°	310.2	301.8	293.2	283.4	273.1	259.7	242.8	222.0	198.1	171.6	142.2
-32.5°	306.0	298.3	289.1	279.2	268.3	254.8	237.2	216.0	192.0	165.5	136.9
-35°	301.5	293.7	284.7	274.7	262.7	248.2	230.7	209.6	185.6	158.9	131.2
-37.5°	296.7	288.5	279.4	269.1	256.8	241.2	223.0	202.1	178.7	151.8	125.2
-40°	290.9	282.6	273.4	262.4	249.3	233.8	215.0	193.9	170.5	144.2	118.8
-42.5°	284.7	275.7	266.1	255.4	240.9	224.7	206.5	185.2	161.5	136.4	112.1
-45°	276.8	268.0	258.1	245.9	231.9	215.3	196.5	175.9	152.1	128.4	105.3
-47.5°	268.3	259.2	248.6	236.2	221.4	205.2	186.0	165.1	142.3	120.0	98.4
-50°	258.6	249.2	238.1	224.9	210.6	193.4	174.9	153.9	132.6	111.4	91.2
-52.5°	248.0	238.0	226.1	213.0	197.8	181.2	162.3	142.4	122.5	102.7	83.7
-55°	236.3	224.9	213.0	199.3	184.3	167.5	149.4	130.9	112.1	94.0	76.1
-57.5°	221.9	210.7	198.2	184.7	169.5	153.2	136.3	119.0	101.9	85.0	69.3
-60°	206.3	194.6	182.5	168.5	153.7	138.5	122.9	107.0	91.4	75.9	62.4
-62.5°	189.1	177.6	164.4	151.1	137.7	123.7	109.3	95.2	80.8	67.7	55.3
-65°	169.7	157.8	145.7	133.9	121.6	108.8	96.1	83.1	70.7	59.1	48.4
-67.5°	148.4	137.9	127.5	116.7	105.3	93.9	82.5	71.4	60.7	50.3	42.4
-70°	126.7	117.7	108.7	98.9	88.8	78.8	69.3	59.7	50.3	43.5	36.4
-72.5°	105.0	97.4	89.2	80.8	72.7	64.5	56.1	48.5	42.7	36.7	30.3
-75°	83.7	77.1	70.6	64.0	57.1	50.2	45.0	40.2	35.1	29.8	25.1
-77.5°	62.3	57.3	52.3	48.0	43.5	39.3	35.6	31.9	27.7	23.9	20.1
-80°	42.9	40.0	37.0	33.9	31.0	28.3	26.5	24.2	21.1	18.0	15.1
-82.5°	26.1	24.8	23.7	22.5	21.4	20.0	18.4	16.5	14.3	12.1	10.5
-85°	16.5	15.7	14.9	13.9	12.9	11.7	10.8	9.9	8.9	8.0	7.0
-87.5°	7.9	7.5	7.1	6.7	6.3	5.8	5.4	4.9	4.5	4.0	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.6	2.2	1.7	1.2	0.6	0.0
85°	6.1	5.2	4.4	3.4	2.3	1.2	0.0
82.5°	9.1	7.9	6.5	5.1	3.5	1.7	0.0
80°	12.2	10.5	8.7	6.8	4.6	2.3	0.0
77.5°	16.5	13.4	10.8	8.4	5.8	2.9	0.0
75°	20.7	16.9	13.1	10.1	6.9	3.5	0.0
72.5°	24.9	20.4	15.9	11.7	8.0	4.0	0.0
70°	29.2	23.9	18.7	13.4	9.2	4.6	0.0
67.5°	34.5	27.3	21.4	15.5	10.2	5.1	0.0
65°	39.6	31.1	24.1	17.5	11.3	5.7	0.0
62.5°	44.6	35.2	26.7	19.5	12.4	6.2	0.0
60°	49.5	39.3	29.3	21.4	13.4	6.7	0.0
57.5°	55.4	43.2	32.4	23.3	14.6	7.2	0.0
55°	61.2	47.0	35.4	25.1	15.8	7.7	0.0
52.5°	66.8	50.9	38.3	26.9	17.0	8.2	0.0
50°	72.3	55.4	41.1	28.6	18.1	8.6	0.0
47.5°	77.7	59.8	43.8	30.4	19.2	9.1	0.0
45°	83.6	64.0	46.4	32.3	20.3	9.5	0.0
42.5°	89.2	68.1	48.9	34.2	21.3	9.9	0.0
40°	94.5	71.9	51.6	35.9	22.2	10.3	0.0
37.5°	99.5	75.6	54.6	37.5	23.1	10.6	0.0
35°	104.3	79.4	57.3	39.0	24.0	11.0	0.0
32.5°	108.8	83.1	59.9	40.4	24.8	11.3	0.0
30°	113.3	86.5	62.4	41.7	25.5	11.6	0.0
27.5°	117.5	89.7	64.6	42.9	26.2	11.9	0.0
25°	121.3	92.6	66.6	44.0	26.9	12.1	0.0
22.5°	124.8	95.2	68.5	44.9	27.5	12.4	0.0
20°	127.9	97.6	70.2	45.8	28.0	12.6	0.0
17.5°	130.7	99.8	71.7	46.5	28.5	12.8	0.0
15°	133.2	101.6	73.0	47.1	28.9	12.9	0.0
12.5°	135.3	103.2	74.2	47.6	29.2	13.1	0.0
10°	137.1	104.5	75.1	48.0	29.5	13.2	0.0
7.5°	138.4	105.5	75.8	48.3	29.7	13.3	0.0
5°	139.4	106.2	76.4	48.4	29.9	13.3	0.0
2.5°	140.0	106.7	76.7	48.5	30.0	13.4	0.0
0°	140.2	106.8	76.8	48.4	30.0	13.4	0.0
-2.5°	140.0	106.7	76.7	48.5	30.0	13.4	0.0
-5°	139.4	106.2	76.4	48.4	29.9	13.3	0.0
-7.5°	138.4	105.5	75.8	48.3	29.7	13.3	0.0
-10°	137.1	104.5	75.1	48.0	29.5	13.2	0.0
-12.5°	135.3	103.2	74.2	47.6	29.2	13.1	0.0
-15°	133.2	101.6	73.0	47.1	28.9	12.9	0.0
-17.5°	130.7	99.8	71.7	46.5	28.5	12.8	0.0
-20°	127.9	97.6	70.2	45.8	28.0	12.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	124.8	95.2	68.5	44.9	27.5	12.4	0.0
-25°	121.3	92.6	66.6	44.0	26.9	12.1	0.0
-27.5°	117.5	89.7	64.6	42.9	26.2	11.9	0.0
-30°	113.3	86.5	62.4	41.7	25.5	11.6	0.0
-32.5°	108.8	83.1	59.9	40.4	24.8	11.3	0.0
-35°	104.3	79.4	57.3	39.0	24.0	11.0	0.0
-37.5°	99.5	75.6	54.6	37.5	23.1	10.6	0.0
-40°	94.5	71.9	51.6	35.9	22.2	10.3	0.0
-42.5°	89.2	68.1	48.9	34.2	21.3	9.9	0.0
-45°	83.6	64.0	46.4	32.3	20.3	9.5	0.0
-47.5°	77.7	59.8	43.8	30.4	19.2	9.1	0.0
-50°	72.3	55.4	41.1	28.6	18.1	8.6	0.0
-52.5°	66.8	50.9	38.3	26.9	17.0	8.2	0.0
-55°	61.2	47.0	35.4	25.1	15.8	7.7	0.0
-57.5°	55.4	43.2	32.4	23.3	14.6	7.2	0.0
-60°	49.5	39.3	29.3	21.4	13.4	6.7	0.0
-62.5°	44.6	35.2	26.7	19.5	12.4	6.2	0.0
-65°	39.6	31.1	24.1	17.5	11.3	5.7	0.0
-67.5°	34.5	27.3	21.4	15.5	10.2	5.1	0.0
-70°	29.2	23.9	18.7	13.4	9.2	4.6	0.0
-72.5°	24.9	20.4	15.9	11.7	8.0	4.0	0.0
-75°	20.7	16.9	13.1	10.1	6.9	3.5	0.0
-77.5°	16.5	13.4	10.8	8.4	5.8	2.9	0.0
-80°	12.2	10.5	8.7	6.8	4.6	2.3	0.0
-82.5°	9.1	7.9	6.5	5.1	3.5	1.7	0.0
-85°	6.1	5.2	4.4	3.4	2.3	1.2	0.0
-87.5°	3.0	2.6	2.2	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)