

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: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558935 (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-940-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

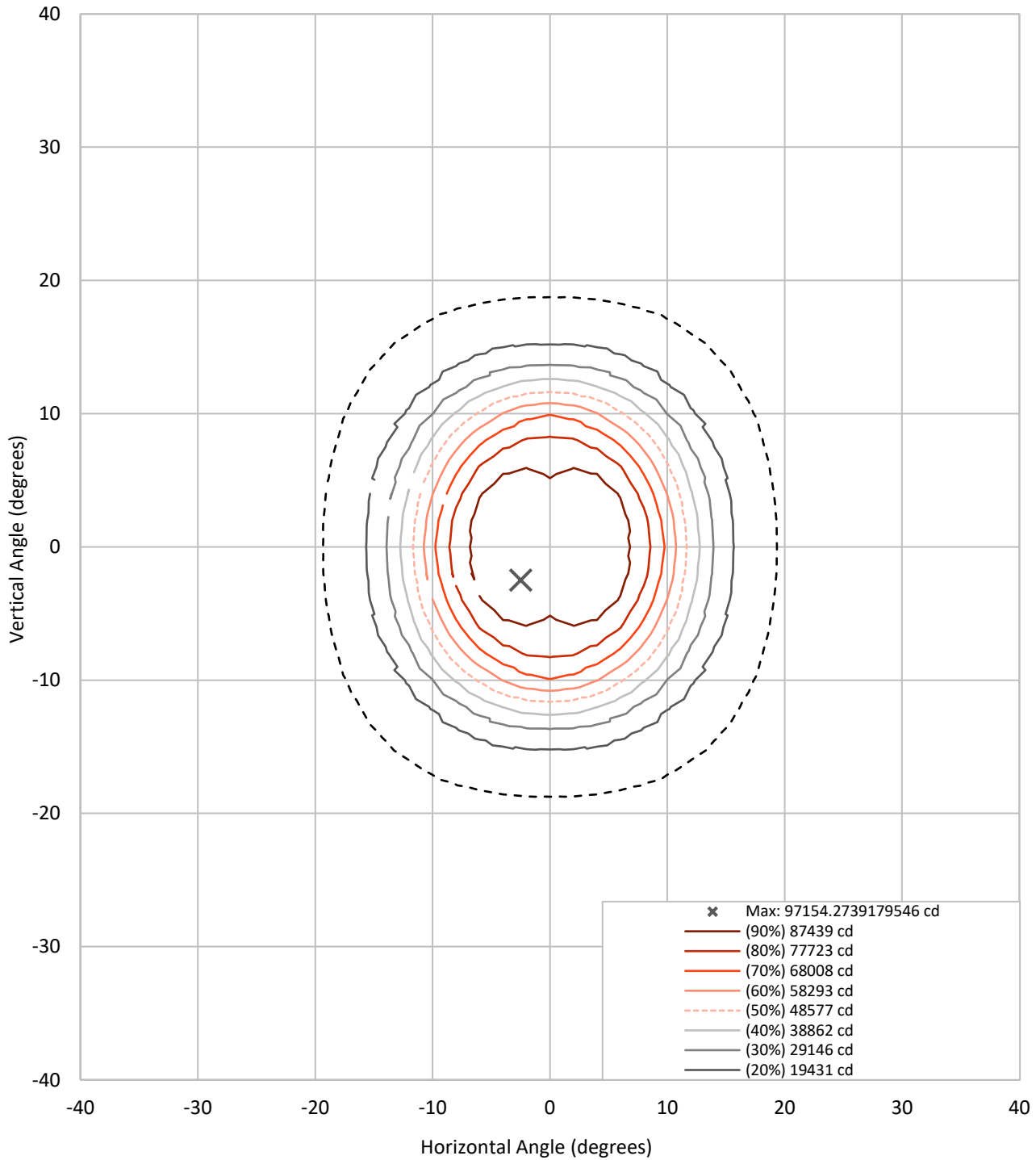
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18371.8 lumens	Max Intensity:	97154.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	112.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	9918.3 lumens	Field Lumens:	14957.3 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





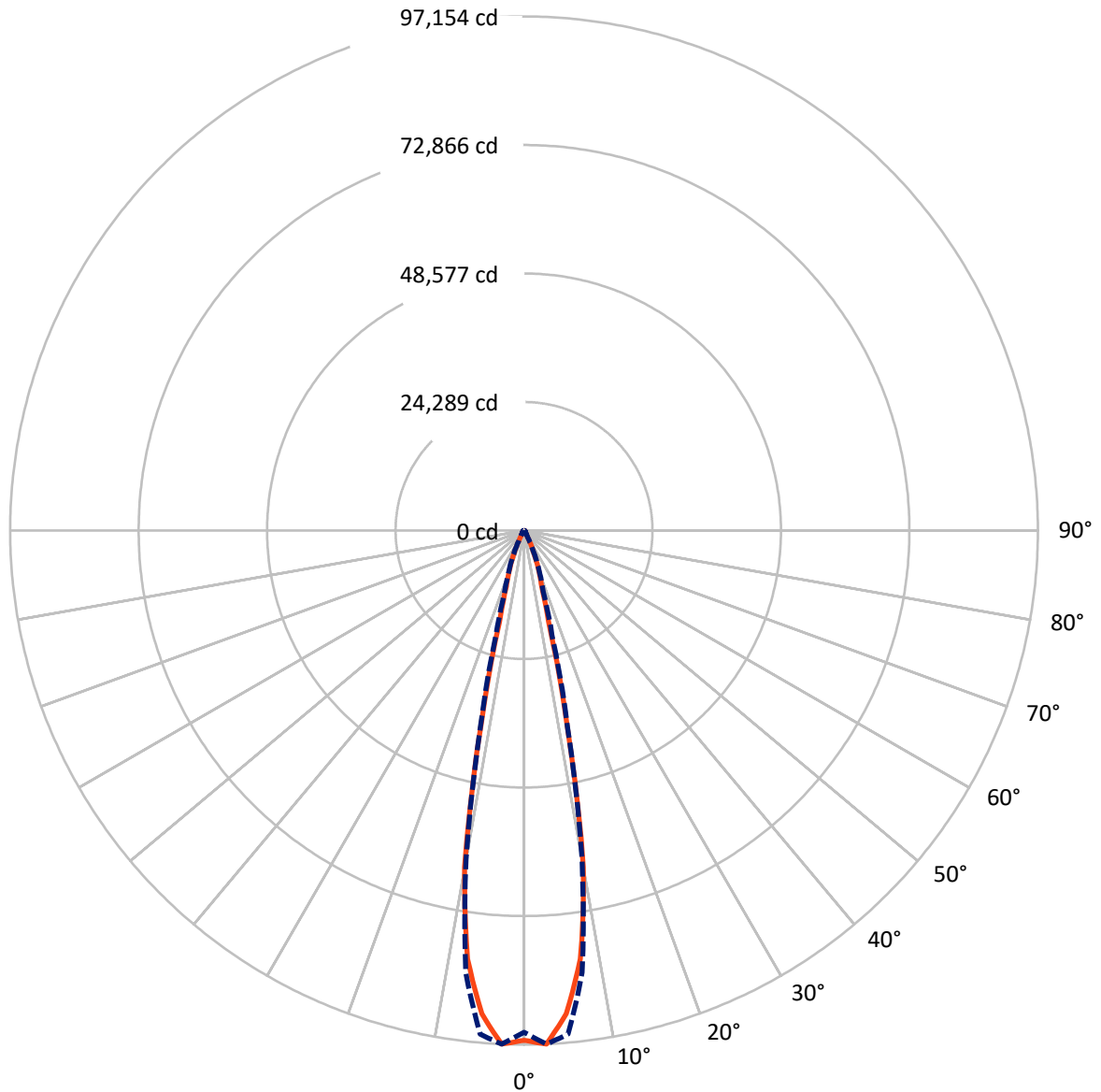
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Lumen Table

90	0.2		1.9		4.9		7.9		9.2		7.9		4.9		1.9		0.2
80	0.2		1.9		4.9		7.9		9.2		7.9		4.9		1.9		0.2
70	0.9	1.0	2.0	3.2	4.4	5.5	6.3	6.6	6.6	6.3	5.5	4.4	3.2	2.0	1.0	0.9	
60		1.5	2.9	4.6	6.1	7.3	8.0	8.4	8.4	8.0	7.3	6.1	4.6	2.9	1.5		
50	1.6	1.9	3.7	5.5	7.1	8.6	9.9	10.5	10.5	9.9	8.6	7.1	5.5	3.7	1.9	1.6	
40		2.3	4.3	6.2	8.4	11.4	15.0	18.0	18.0	15.0	11.4	8.4	6.2	4.3	2.3		
30	2.1	2.6	4.6	6.9	10.4	18.8	56.4	109.9	109.9	56.4	18.8	10.4	6.9	4.6	2.6	2.1	
20		2.7	4.8	7.3	13.0	55.7	257.2	661.4	661.4	257.2	55.7	13.0	7.3	4.8	2.7		
10	2.2	2.8	4.9	7.6	15.5	108.6	669.8	2366.3	2366.3	669.8	108.6	15.5	7.6	4.9	2.8	2.2	
0		2.8	4.9	7.6	15.5	108.6	669.8	2366.3	2366.3	669.8	108.6	15.5	7.6	4.9	2.8		
-10	2.1	2.7	4.8	7.3	13.0	55.7	257.2	661.4	661.4	257.2	55.7	13.0	7.3	4.8	2.7	2.1	
-20		2.6	4.6	6.9	10.4	18.8	56.4	109.9	109.9	56.4	18.8	10.4	6.9	4.6	2.6		
-30	1.6	2.3	4.3	6.2	8.4	11.4	15.0	18.0	18.0	15.0	11.4	8.4	6.2	4.3	2.3	1.6	
-40		1.9	3.7	5.5	7.1	8.6	9.9	10.5	10.5	9.9	8.6	7.1	5.5	3.7	1.9		
-50	0.9	1.5	2.9	4.6	6.1	7.3	8.0	8.4	8.4	8.0	7.3	6.1	4.6	2.9	1.5	0.9	
-60		1.0	2.0	3.2	4.4	5.5	6.3	6.6	6.6	6.3	5.5	4.4	3.2	2.0	1.0		
-70	0.2		1.9		4.9		7.9		9.2		7.9		4.9		1.9		0.2
-80	0.2		1.9		4.9		7.9		9.2		7.9		4.9		1.9		0.2
-90	0.2		1.9		4.9		7.9		9.2		7.9		4.9		1.9		0.2

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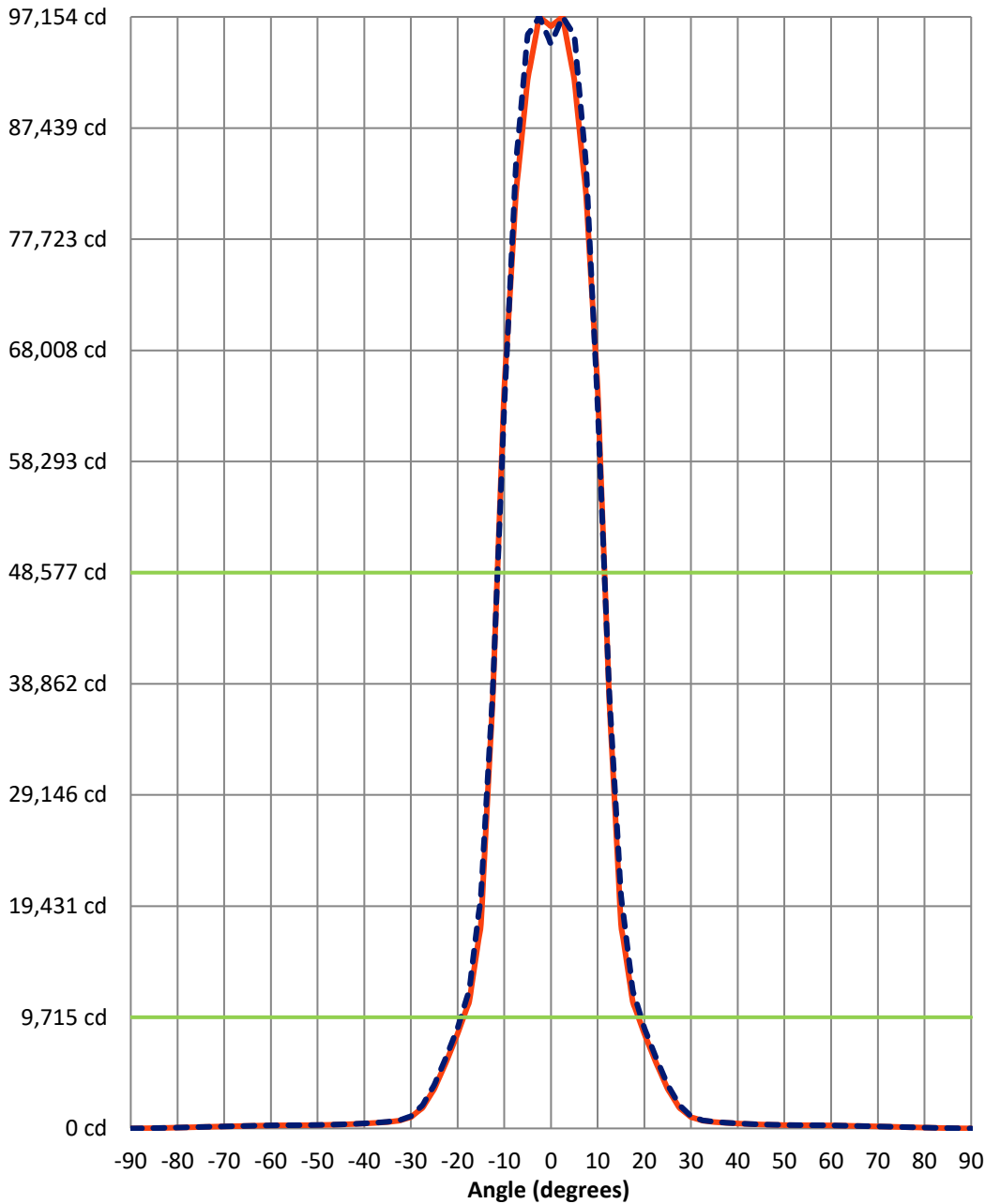
Luminous Intensity Polar Plot



— 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: 9918.3
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 14957.3
 Efficiency: 81.4%

Spill:
 Lumens: 3414.4
 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	0.9	1.3	1.8	2.2	2.7	3.1	3.5	3.9	4.4
85°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
82.5°	0.0	1.3	2.7	4.0	5.4	6.7	8.0	9.3	10.7	12.7	14.8
80°	0.0	1.8	3.6	5.4	7.1	8.9	10.8	13.4	16.2	19.1	22.0
77.5°	0.0	2.2	4.5	6.7	8.9	11.5	14.7	18.1	21.7	25.3	29.3
75°	0.0	2.7	5.3	8.0	10.8	14.9	18.7	22.7	27.2	32.3	37.1
72.5°	0.0	3.1	6.2	9.3	13.5	18.2	22.6	27.6	33.7	39.4	44.9
70°	0.0	3.5	7.0	10.7	16.3	21.5	26.6	33.4	40.2	46.6	54.2
67.5°	0.0	3.9	7.9	12.8	18.9	24.8	31.6	39.1	46.6	55.3	63.8
65°	0.0	4.4	8.7	14.8	21.6	28.4	36.5	44.8	54.2	63.8	73.5
62.5°	0.0	4.8	9.5	16.8	24.2	32.3	41.2	51.0	61.7	72.3	83.4
60°	0.0	5.1	10.3	18.7	26.7	36.2	45.9	57.5	69.0	81.1	93.1
57.5°	0.0	5.5	11.6	20.6	29.7	39.9	51.2	63.7	76.6	89.7	102.6
55°	0.0	5.9	12.8	22.5	32.5	43.5	56.4	69.8	84.0	98.1	112.0
52.5°	0.0	6.3	14.0	24.3	35.3	47.1	61.5	76.2	91.2	106.2	121.1
50°	0.0	6.6	15.2	26.1	37.9	51.2	66.4	82.4	98.3	114.2	130.1
47.5°	0.0	7.0	16.3	27.9	40.5	55.2	71.2	88.4	105.1	121.8	139.1
45°	0.0	7.3	17.4	29.7	43.0	59.0	76.3	94.3	111.7	129.6	147.7
42.5°	0.0	7.6	18.4	31.4	45.3	62.6	81.1	99.9	118.1	137.2	155.5
40°	0.0	7.9	19.4	33.1	47.8	66.1	85.8	105.2	124.4	144.5	162.8
37.5°	0.0	8.2	20.4	34.6	50.4	69.4	90.2	110.3	130.5	151.2	169.6
35°	0.0	8.4	21.3	36.1	52.9	72.8	94.5	115.2	136.2	156.9	176.2
32.5°	0.0	8.7	22.1	37.5	55.3	76.1	98.5	119.7	141.6	162.3	182.5
30°	0.0	8.9	22.9	38.8	57.5	79.2	102.1	124.0	146.6	167.4	188.3
27.5°	0.0	9.1	23.6	40.0	59.6	82.2	105.5	128.1	151.0	172.1	193.5
25°	0.0	9.3	24.3	41.1	61.5	84.9	108.7	131.8	154.9	176.4	198.2
22.5°	0.0	9.5	24.9	42.1	63.4	87.3	111.5	135.2	158.4	180.3	202.3
20°	0.0	9.7	25.4	43.0	65.0	89.6	114.1	138.2	161.5	183.6	205.9
17.5°	0.0	9.8	25.9	43.8	66.5	91.6	116.4	140.9	164.3	186.5	209.2
15°	0.0	9.9	26.3	44.5	67.9	93.3	118.3	143.2	166.8	189.0	211.9
12.5°	0.0	10.1	26.7	45.0	69.1	94.7	119.9	145.1	168.8	190.9	214.2
10°	0.0	10.1	27.0	45.5	70.1	95.9	121.3	146.7	170.5	192.9	216.0
7.5°	0.0	10.2	27.2	45.9	70.9	96.8	122.3	147.9	171.9	194.7	217.3
5°	0.0	10.3	27.4	46.2	71.5	97.4	123.1	148.8	172.8	196.1	218.1
2.5°	0.0	10.3	27.5	46.3	72.0	97.8	123.5	149.3	173.4	197.0	218.4
0°	0.0	10.3	27.5	46.4	72.2	97.9	123.7	149.5	173.6	197.6	218.2
-2.5°	0.0	10.3	27.5	46.4	72.2	97.9	123.7	149.5	173.6	197.6	218.2
-5°	0.0	10.3	27.4	46.2	71.5	97.4	123.1	148.8	172.8	196.1	218.1
-7.5°	0.0	10.2	27.2	45.9	70.9	96.8	122.3	147.9	171.9	194.7	217.3
-10°	0.0	10.1	27.0	45.5	70.1	95.9	121.3	146.7	170.5	192.9	216.0
-12.5°	0.0	10.1	26.7	45.0	69.1	94.7	119.9	145.1	168.8	190.9	214.2
-15°	0.0	9.9	26.3	44.5	67.9	93.3	118.3	143.2	166.8	189.0	211.9
-17.5°	0.0	9.8	25.9	43.8	66.5	91.6	116.4	140.9	164.3	186.5	209.2
-20°	0.0	9.7	25.4	43.0	65.0	89.6	114.1	138.2	161.5	183.6	205.9



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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	9.5	24.9	42.1	63.4	87.3	111.5	135.2	158.4	180.3	202.3
-25°	0.0	9.3	24.3	41.1	61.5	84.9	108.7	131.8	154.9	176.4	198.2
-27.5°	0.0	9.1	23.6	40.0	59.6	82.2	105.5	128.1	151.0	172.1	193.5
-30°	0.0	8.9	22.9	38.8	57.5	79.2	102.1	124.0	146.6	167.4	188.3
-32.5°	0.0	8.7	22.1	37.5	55.3	76.1	98.5	119.7	141.6	162.3	182.5
-35°	0.0	8.4	21.3	36.1	52.9	72.8	94.5	115.2	136.2	156.9	176.2
-37.5°	0.0	8.2	20.4	34.6	50.4	69.4	90.2	110.3	130.5	151.2	169.6
-40°	0.0	7.9	19.4	33.1	47.8	66.1	85.8	105.2	124.4	144.5	162.8
-42.5°	0.0	7.6	18.4	31.4	45.3	62.6	81.1	99.9	118.1	137.2	155.5
-45°	0.0	7.3	17.4	29.7	43.0	59.0	76.3	94.3	111.7	129.6	147.7
-47.5°	0.0	7.0	16.3	27.9	40.5	55.2	71.2	88.4	105.1	121.8	139.1
-50°	0.0	6.6	15.2	26.1	37.9	51.2	66.4	82.4	98.3	114.2	130.1
-52.5°	0.0	6.3	14.0	24.3	35.3	47.1	61.5	76.2	91.2	106.2	121.1
-55°	0.0	5.9	12.8	22.5	32.5	43.5	56.4	69.8	84.0	98.1	112.0
-57.5°	0.0	5.5	11.6	20.6	29.7	39.9	51.2	63.7	76.6	89.7	102.6
-60°	0.0	5.1	10.3	18.7	26.7	36.2	45.9	57.5	69.0	81.1	93.1
-62.5°	0.0	4.8	9.5	16.8	24.2	32.3	41.2	51.0	61.7	72.3	83.4
-65°	0.0	4.4	8.7	14.8	21.6	28.4	36.5	44.8	54.2	63.8	73.5
-67.5°	0.0	3.9	7.9	12.8	18.9	24.8	31.6	39.1	46.6	55.3	63.8
-70°	0.0	3.5	7.0	10.7	16.3	21.5	26.6	33.4	40.2	46.6	54.2
-72.5°	0.0	3.1	6.2	9.3	13.5	18.2	22.6	27.6	33.7	39.4	44.9
-75°	0.0	2.7	5.3	8.0	10.8	14.9	18.7	22.7	27.2	32.3	37.1
-77.5°	0.0	2.2	4.5	6.7	8.9	11.5	14.7	18.1	21.7	25.3	29.3
-80°	0.0	1.8	3.6	5.4	7.1	8.9	10.8	13.4	16.2	19.1	22.0
-82.5°	0.0	1.3	2.7	4.0	5.4	6.7	8.0	9.3	10.7	12.7	14.8
-85°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.5	3.9	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.3	7.6	7.9	8.2
85°	9.5	10.3	11.5	12.6	13.6	14.5	15.3	16.0	17.0	18.1	19.1
82.5°	16.7	18.4	20.0	21.4	22.7	23.9	25.1	26.8	29.0	31.0	32.8
80°	24.4	26.6	29.1	31.8	34.4	37.1	39.7	42.4	44.8	47.1	49.4
77.5°	32.8	36.3	39.8	43.4	47.1	51.2	55.2	59.0	62.5	66.0	69.4
75°	41.5	45.9	51.2	56.4	61.5	66.4	71.2	76.1	80.8	85.3	89.5
72.5°	51.0	57.5	63.7	69.8	76.5	82.8	88.6	94.1	99.8	105.5	110.9
70°	61.7	69.0	76.8	84.7	92.5	99.5	106.5	113.6	120.7	126.8	132.1
67.5°	72.3	81.3	90.4	99.4	107.9	116.0	124.4	132.3	139.7	146.1	152.1
65°	83.4	93.5	103.5	113.2	122.7	132.4	141.5	150.0	158.0	165.2	172.0
62.5°	94.3	105.3	116.2	127.0	138.1	148.7	158.2	167.3	176.0	183.7	191.1
60°	105.0	116.9	128.8	141.0	153.0	164.1	174.3	183.8	192.7	201.3	208.9
57.5°	115.4	128.2	141.3	154.3	166.9	179.0	189.4	199.5	208.6	217.2	225.1
55°	125.7	139.3	153.3	167.1	180.2	192.6	203.8	213.8	223.5	231.4	239.0
52.5°	135.9	150.1	164.8	179.2	192.6	205.4	217.0	227.2	236.0	244.1	250.9
50°	145.9	160.8	175.9	190.4	204.3	217.3	229.0	238.8	247.2	254.7	261.0
47.5°	155.3	171.0	186.0	201.1	215.1	228.0	239.5	248.7	257.0	263.7	269.6
45°	164.2	180.5	196.1	210.9	225.2	237.9	248.5	257.8	265.3	272.1	278.0
42.5°	172.6	189.7	205.5	220.2	234.3	246.6	257.0	265.6	273.3	279.9	286.5
40°	180.8	198.6	214.6	229.1	242.8	254.5	264.2	273.0	280.6	288.1	295.2
37.5°	188.6	206.7	223.3	238.0	250.1	261.4	271.0	279.7	288.3	296.6	306.1
35°	196.2	214.5	231.2	245.7	257.6	267.5	277.4	286.9	296.8	307.2	318.3
32.5°	203.2	222.1	238.9	252.3	263.4	273.4	283.6	295.0	306.8	318.7	332.3
30°	209.5	228.9	245.8	258.3	268.6	278.6	290.6	303.7	317.5	331.1	347.1
27.5°	215.0	235.2	251.1	263.1	273.2	282.8	296.2	313.2	328.2	342.7	360.3
25°	220.0	240.3	255.8	267.2	276.7	287.0	300.9	318.4	337.2	353.1	377.6
22.5°	224.4	244.9	260.3	270.8	279.4	290.5	304.6	321.9	341.2	361.2	395.2
20°	228.1	248.3	264.0	273.8	281.4	293.0	306.7	324.3	345.8	374.7	412.2
17.5°	231.4	251.8	266.8	275.9	284.0	294.9	307.4	325.7	350.7	386.7	428.0
15°	234.2	255.1	269.2	277.6	285.9	296.7	310.3	329.4	358.1	397.9	442.4
12.5°	236.5	258.3	271.1	279.0	287.2	298.0	313.3	335.1	367.0	409.1	458.3
10°	238.3	261.3	272.7	280.0	287.8	298.9	315.9	339.6	374.3	419.4	472.4
7.5°	240.0	263.7	273.9	280.8	288.0	299.4	318.1	342.8	379.7	428.0	484.2
5°	241.2	265.2	275.0	281.4	287.9	299.5	319.6	344.9	383.1	434.4	493.0
2.5°	242.0	266.1	276.0	281.7	287.6	299.5	320.9	348.3	387.3	439.2	498.4
0°	242.3	266.4	276.7	281.8	287.0	299.0	321.3	350.6	390.1	441.6	500.1
-2.5°	242.0	266.1	276.0	281.7	287.6	299.5	320.9	348.3	387.3	439.2	498.4
-5°	241.2	265.2	275.0	281.4	287.9	299.5	319.6	344.9	383.1	434.4	493.0
-7.5°	240.0	263.7	273.9	280.8	288.0	299.4	318.1	342.8	379.7	428.0	484.2
-10°	238.3	261.3	272.7	280.0	287.8	298.9	315.9	339.6	374.3	419.4	472.4
-12.5°	236.5	258.3	271.1	279.0	287.2	298.0	313.3	335.1	367.0	409.1	458.3
-15°	234.2	255.1	269.2	277.6	285.9	296.7	310.3	329.4	358.1	397.9	442.4
-17.5°	231.4	251.8	266.8	275.9	284.0	294.9	307.4	325.7	350.7	386.7	428.0
-20°	228.1	248.3	264.0	273.8	281.4	293.0	306.7	324.3	345.8	374.7	412.2



REPORT NUMBER: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	224.4	244.9	260.3	270.8	279.4	290.5	304.6	321.9	341.2	361.2	395.2
-25°	220.0	240.3	255.8	267.2	276.7	287.0	300.9	318.4	337.2	353.1	377.6
-27.5°	215.0	235.2	251.1	263.1	273.2	282.8	296.2	313.2	328.2	342.7	360.3
-30°	209.5	228.9	245.8	258.3	268.6	278.6	290.6	303.7	317.5	331.1	347.1
-32.5°	203.2	222.1	238.9	252.3	263.4	273.4	283.6	295.0	306.8	318.7	332.3
-35°	196.2	214.5	231.2	245.7	257.6	267.5	277.4	286.9	296.8	307.2	318.3
-37.5°	188.6	206.7	223.3	238.0	250.1	261.4	271.0	279.7	288.3	296.6	306.1
-40°	180.8	198.6	214.6	229.1	242.8	254.5	264.2	273.0	280.6	288.1	295.2
-42.5°	172.6	189.7	205.5	220.2	234.3	246.6	257.0	265.6	273.3	279.9	286.5
-45°	164.2	180.5	196.1	210.9	225.2	237.9	248.5	257.8	265.3	272.1	278.0
-47.5°	155.3	171.0	186.0	201.1	215.1	228.0	239.5	248.7	257.0	263.7	269.6
-50°	145.9	160.8	175.9	190.4	204.3	217.3	229.0	238.8	247.2	254.7	261.0
-52.5°	135.9	150.1	164.8	179.2	192.6	205.4	217.0	227.2	236.0	244.1	250.9
-55°	125.7	139.3	153.3	167.1	180.2	192.6	203.8	213.8	223.5	231.4	239.0
-57.5°	115.4	128.2	141.3	154.3	166.9	179.0	189.4	199.5	208.6	217.2	225.1
-60°	105.0	116.9	128.8	141.0	153.0	164.1	174.3	183.8	192.7	201.3	208.9
-62.5°	94.3	105.3	116.2	127.0	138.1	148.7	158.2	167.3	176.0	183.7	191.1
-65°	83.4	93.5	103.5	113.2	122.7	132.4	141.5	150.0	158.0	165.2	172.0
-67.5°	72.3	81.3	90.4	99.4	107.9	116.0	124.4	132.3	139.7	146.1	152.1
-70°	61.7	69.0	76.8	84.7	92.5	99.5	106.5	113.6	120.7	126.8	132.1
-72.5°	51.0	57.5	63.7	69.8	76.5	82.8	88.6	94.1	99.8	105.5	110.9
-75°	41.5	45.9	51.2	56.4	61.5	66.4	71.2	76.1	80.8	85.3	89.5
-77.5°	32.8	36.3	39.8	43.4	47.1	51.2	55.2	59.0	62.5	66.0	69.4
-80°	24.4	26.6	29.1	31.8	34.4	37.1	39.7	42.4	44.8	47.1	49.4
-82.5°	16.7	18.4	20.0	21.4	22.7	23.9	25.1	26.8	29.0	31.0	32.8
-85°	9.5	10.3	11.5	12.6	13.6	14.5	15.3	16.0	17.0	18.1	19.1
-87.5°	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.3	7.6	7.9	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: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	8.4	8.3	8.2	8.0	7.8	8.3	8.9	9.4	9.9	10.1	10.1
85°	20.2	20.8	21.4	22.0	22.6	23.2	23.8	24.3	24.7	25.5	26.1
82.5°	34.4	35.8	37.1	38.3	39.4	40.7	41.9	43.1	44.3	45.0	45.5
80°	51.7	54.1	56.2	58.0	59.7	61.7	63.7	65.5	67.1	68.2	69.0
77.5°	72.7	75.6	78.2	80.8	83.2	85.5	87.5	89.1	90.4	91.9	93.4
75°	93.5	97.4	101.1	104.3	107.3	109.8	112.2	114.3	116.3	118.1	119.5
72.5°	115.7	120.1	124.1	127.7	131.1	134.4	137.6	140.3	142.7	144.8	146.5
70°	137.1	141.9	146.6	151.2	155.3	159.0	162.4	165.4	168.0	170.2	172.0
67.5°	157.8	163.2	168.6	173.7	178.2	182.1	185.9	189.4	192.6	195.1	196.7
65°	178.3	184.4	190.2	195.4	199.9	204.0	208.3	212.1	215.2	217.5	219.1
62.5°	198.3	204.8	210.5	215.8	220.9	225.3	228.9	232.3	235.5	238.0	239.6
60°	216.1	222.9	228.4	233.4	238.1	242.4	246.0	249.6	252.9	255.9	258.1
57.5°	231.8	238.1	243.7	248.3	252.5	256.3	259.8	262.8	265.1	266.9	268.4
55°	245.6	251.2	256.5	260.9	264.6	267.6	270.3	272.4	274.0	275.2	276.1
52.5°	257.3	262.5	267.6	272.0	274.8	277.3	279.6	282.1	283.5	283.8	283.7
50°	266.6	272.2	276.8	280.7	284.5	288.9	293.4	295.7	296.5	295.9	295.2
47.5°	275.2	280.6	285.7	290.5	296.1	303.4	310.8	314.3	314.0	312.4	311.7
45°	283.7	289.5	295.5	302.9	310.8	320.2	328.8	334.2	334.2	334.4	335.7
42.5°	292.5	299.8	308.0	318.1	328.4	338.9	348.1	354.8	359.8	365.9	370.9
40°	303.4	311.6	323.8	336.3	349.7	360.9	375.1	387.2	397.2	406.3	413.2
37.5°	316.1	327.9	343.4	359.5	376.8	394.3	410.8	426.3	439.5	454.5	465.7
35°	331.4	348.1	367.0	387.1	408.7	430.9	452.2	476.8	498.5	517.8	533.6
32.5°	349.3	369.5	392.6	419.2	446.2	475.5	506.2	537.8	568.3	600.1	631.8
30°	367.2	393.8	423.3	455.7	487.5	525.7	565.6	617.4	671.7	733.5	828.7
27.5°	389.1	420.8	455.2	492.5	536.1	585.1	662.0	757.7	921.0	1043.0	1370.8
25°	410.5	446.7	490.9	539.2	597.8	687.3	871.2	1083.8	1557.3	2000.7	2512.8
22.5°	432.1	477.4	530.2	589.2	691.1	921.6	1271.7	1912.8	2644.3	3420.8	4211.6
20°	454.0	507.2	573.5	671.9	885.2	1279.7	2065.5	3095.7	4135.2	5404.9	6503.0
17.5°	478.6	544.6	631.2	779.2	1130.7	1975.9	3138.2	4567.7	6176.2	7808.6	9179.2
15°	498.9	576.3	692.2	981.6	1645.1	2766.4	4287.5	6225.2	8418.5	10482.2	12242.4
12.5°	521.3	611.4	763.8	1145.8	2119.7	3593.9	5598.5	7983.1	10614.2	13442.0	17919.2
10°	542.1	646.7	884.0	1486.6	2666.8	4430.1	6772.6	9459.4	12650.3	18311.9	28895.6
7.5°	559.5	674.7	974.3	1740.7	3161.9	5219.1	7729.8	10721.8	15519.1	25031.0	42840.7
5°	571.4	693.3	1037.1	1930.8	3556.4	5801.0	8341.6	11553.0	18446.1	33244.2	54688.9
2.5°	579.7	703.3	1070.6	2041.6	3805.9	6186.3	8775.1	12112.4	20411.1	37994.9	63120.1
0°	586.0	706.3	1077.4	2137.7	3890.5	6316.9	8796.5	12262.5	21084.8	39849.8	66124.2
-2.5°	579.7	703.3	1070.6	2041.6	3805.9	6186.3	8775.1	12112.4	20411.1	37994.9	63120.1
-5°	571.4	693.3	1037.1	1930.8	3556.4	5801.0	8341.6	11553.0	18446.1	33244.2	54688.9
-7.5°	559.5	674.7	974.3	1740.7	3161.9	5219.1	7729.8	10721.8	15519.1	25031.0	42840.7
-10°	542.1	646.7	884.0	1486.6	2666.8	4430.1	6772.6	9459.4	12650.3	18311.9	28895.6
-12.5°	521.3	611.4	763.8	1145.8	2119.7	3593.9	5598.5	7983.1	10614.2	13442.0	17919.2
-15°	498.9	576.3	692.2	981.6	1645.1	2766.4	4287.5	6225.2	8418.5	10482.2	12242.4
-17.5°	478.6	544.6	631.2	779.2	1130.7	1975.9	3138.2	4567.7	6176.2	7808.6	9179.2
-20°	454.0	507.2	573.5	671.9	885.2	1279.7	2065.5	3095.7	4135.2	5404.9	6503.0



REPORT NUMBER: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	432.1	477.4	530.2	589.2	691.1	921.6	1271.7	1912.8	2644.3	3420.8	4211.6
-25°	410.5	446.7	490.9	539.2	597.8	687.3	871.2	1083.8	1557.3	2000.7	2512.8
-27.5°	389.1	420.8	455.2	492.5	536.1	585.1	662.0	757.7	921.0	1043.0	1370.8
-30°	367.2	393.8	423.3	455.7	487.5	525.7	565.6	617.4	671.7	733.5	828.7
-32.5°	349.3	369.5	392.6	419.2	446.2	475.5	506.2	537.8	568.3	600.1	631.8
-35°	331.4	348.1	367.0	387.1	408.7	430.9	452.2	476.8	498.5	517.8	533.6
-37.5°	316.1	327.9	343.4	359.5	376.8	394.3	410.8	426.3	439.5	454.5	465.7
-40°	303.4	311.6	323.8	336.3	349.7	360.9	375.1	387.2	397.2	406.3	413.2
-42.5°	292.5	299.8	308.0	318.1	328.4	338.9	348.1	354.8	359.8	365.9	370.9
-45°	283.7	289.5	295.5	302.9	310.8	320.2	328.8	334.2	334.2	334.4	335.7
-47.5°	275.2	280.6	285.7	290.5	296.1	303.4	310.8	314.3	314.0	312.4	311.7
-50°	266.6	272.2	276.8	280.7	284.5	288.9	293.4	295.7	296.5	295.9	295.2
-52.5°	257.3	262.5	267.6	272.0	274.8	277.3	279.6	282.1	283.5	283.8	283.7
-55°	245.6	251.2	256.5	260.9	264.6	267.6	270.3	272.4	274.0	275.2	276.1
-57.5°	231.8	238.1	243.7	248.3	252.5	256.3	259.8	262.8	265.1	266.9	268.4
-60°	216.1	222.9	228.4	233.4	238.1	242.4	246.0	249.6	252.9	255.9	258.1
-62.5°	198.3	204.8	210.5	215.8	220.9	225.3	228.9	232.3	235.5	238.0	239.6
-65°	178.3	184.4	190.2	195.4	199.9	204.0	208.3	212.1	215.2	217.5	219.1
-67.5°	157.8	163.2	168.6	173.7	178.2	182.1	185.9	189.4	192.6	195.1	196.7
-70°	137.1	141.9	146.6	151.2	155.3	159.0	162.4	165.4	168.0	170.2	172.0
-72.5°	115.7	120.1	124.1	127.7	131.1	134.4	137.6	140.3	142.7	144.8	146.5
-75°	93.5	97.4	101.1	104.3	107.3	109.8	112.2	114.3	116.3	118.1	119.5
-77.5°	72.7	75.6	78.2	80.8	83.2	85.5	87.5	89.1	90.4	91.9	93.4
-80°	51.7	54.1	56.2	58.0	59.7	61.7	63.7	65.5	67.1	68.2	69.0
-82.5°	34.4	35.8	37.1	38.3	39.4	40.7	41.9	43.1	44.3	45.0	45.5
-85°	20.2	20.8	21.4	22.0	22.6	23.2	23.8	24.3	24.7	25.5	26.1
-87.5°	8.4	8.3	8.2	8.0	7.8	8.3	8.9	9.4	9.9	10.1	10.1
-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: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.1	9.9	9.4
85°	26.8	27.4	26.6	25.8	26.6	27.4	26.8	26.1	25.5	24.7	24.3
82.5°	45.9	46.2	46.3	46.4	46.3	46.2	45.9	45.5	45.0	44.3	43.1
80°	69.7	70.1	71.2	72.2	71.2	70.1	69.7	69.0	68.2	67.1	65.5
77.5°	94.6	95.7	96.1	96.2	96.1	95.7	94.6	93.4	91.9	90.4	89.1
75°	120.6	121.4	123.5	125.4	123.5	121.4	120.6	119.5	118.1	116.3	114.3
72.5°	147.8	148.7	150.1	151.2	150.1	148.7	147.8	146.5	144.8	142.7	140.3
70°	173.5	174.5	175.1	175.3	175.1	174.5	173.5	172.0	170.2	168.0	165.4
67.5°	197.9	198.5	198.3	197.6	198.3	198.5	197.9	196.7	195.1	192.6	189.4
65°	220.2	220.9	220.7	220.0	220.7	220.9	220.2	219.1	217.5	215.2	212.1
62.5°	240.8	241.5	242.1	242.3	242.1	241.5	240.8	239.6	238.0	235.5	232.3
60°	260.1	261.7	262.6	262.9	262.6	261.7	260.1	258.1	255.9	252.9	249.6
57.5°	269.8	270.9	271.4	271.5	271.4	270.9	269.8	268.4	266.9	265.1	262.8
55°	276.5	276.5	275.9	274.9	275.9	276.5	276.5	276.1	275.2	274.0	272.4
52.5°	283.1	282.1	281.7	281.8	281.7	282.1	283.1	283.7	283.8	283.5	282.1
50°	294.2	292.6	291.9	292.1	291.9	292.6	294.2	295.2	295.9	296.5	295.7
47.5°	312.7	313.4	314.1	314.5	314.1	313.4	312.7	311.7	312.4	314.0	314.3
45°	339.1	341.5	343.1	343.7	343.1	341.5	339.1	335.7	334.4	334.2	334.2
42.5°	376.1	379.0	380.2	379.8	380.2	379.0	376.1	370.9	365.9	359.8	354.8
40°	420.5	426.3	429.6	429.6	429.6	426.3	420.5	413.2	406.3	397.2	387.2
37.5°	475.9	483.6	487.4	486.3	487.4	483.6	475.9	465.7	454.5	439.5	426.3
35°	545.7	553.4	556.6	560.2	556.6	553.4	545.7	533.6	517.8	498.5	476.8
32.5°	656.9	672.5	678.7	670.2	678.7	672.5	656.9	631.8	600.1	568.3	537.8
30°	893.0	950.0	988.2	1007.0	988.2	950.0	893.0	828.7	733.5	671.7	617.4
27.5°	1596.4	1745.7	1808.9	1843.8	1808.9	1745.7	1596.4	1370.8	1043.0	921.0	757.7
25°	2951.4	3270.1	3453.4	3438.5	3453.4	3270.1	2951.4	2512.8	2000.7	1557.3	1083.8
22.5°	4946.4	5449.1	5750.6	5861.5	5750.6	5449.1	4946.4	4211.6	3420.8	2644.3	1912.8
20°	7419.5	7983.3	8278.1	8322.2	8278.1	7983.3	7419.5	6503.0	5404.9	4135.2	3095.7
17.5°	10257.9	10792.4	11103.1	11099.2	11103.1	10792.4	10257.9	9179.2	7808.6	6176.2	4567.7
15°	14640.0	16708.6	17875.1	17704.7	17875.1	16708.6	14640.0	12242.4	10482.2	8418.5	6225.2
12.5°	23988.6	32251.0	37376.1	38641.8	37376.1	32251.0	23988.6	17919.2	13442.0	10614.2	7983.1
10°	42391.1	54752.1	64623.8	67476.6	64623.8	54752.1	42391.1	28895.6	18311.9	12650.3	9459.4
7.5°	60976.9	75647.4	81685.0	82386.4	81685.0	75647.4	60976.9	42840.7	25031.0	15519.1	10721.8
5°	75005.4	89933.2	91661.0	87320.8	91661.0	89933.2	75005.4	54688.9	33244.2	18446.1	11553.0
2.5°	84265.5	95543.6	97154.3	94818.2	97154.3	95543.6	84265.5	63120.1	37994.9	20411.1	12112.4
0°	86377.3	94051.8	96339.8	96589.9	96339.8	94051.8	86377.3	66124.2	39849.8	21084.8	12262.5
-2.5°	84265.5	95543.6	97154.3	94818.2	97154.3	95543.6	84265.5	63120.1	37994.9	20411.1	12112.4
-5°	75005.4	89933.2	91661.0	87320.8	91661.0	89933.2	75005.4	54688.9	33244.2	18446.1	11553.0
-7.5°	60976.9	75647.4	81685.0	82386.4	81685.0	75647.4	60976.9	42840.7	25031.0	15519.1	10721.8
-10°	42391.1	54752.1	64623.8	67476.6	64623.8	54752.1	42391.1	28895.6	18311.9	12650.3	9459.4
-12.5°	23988.6	32251.0	37376.1	38641.8	37376.1	32251.0	23988.6	17919.2	13442.0	10614.2	7983.1
-15°	14640.0	16708.6	17875.1	17704.7	17875.1	16708.6	14640.0	12242.4	10482.2	8418.5	6225.2
-17.5°	10257.9	10792.4	11103.1	11099.2	11103.1	10792.4	10257.9	9179.2	7808.6	6176.2	4567.7
-20°	7419.5	7983.3	8278.1	8322.2	8278.1	7983.3	7419.5	6503.0	5404.9	4135.2	3095.7



REPORT NUMBER: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4946.4	5449.1	5750.6	5861.5	5750.6	5449.1	4946.4	4211.6	3420.8	2644.3	1912.8
-25°	2951.4	3270.1	3453.4	3438.5	3453.4	3270.1	2951.4	2512.8	2000.7	1557.3	1083.8
-27.5°	1596.4	1745.7	1808.9	1843.8	1808.9	1745.7	1596.4	1370.8	1043.0	921.0	757.7
-30°	893.0	950.0	988.2	1007.0	988.2	950.0	893.0	828.7	733.5	671.7	617.4
-32.5°	656.9	672.5	678.7	670.2	678.7	672.5	656.9	631.8	600.1	568.3	537.8
-35°	545.7	553.4	556.6	560.2	556.6	553.4	545.7	533.6	517.8	498.5	476.8
-37.5°	475.9	483.6	487.4	486.3	487.4	483.6	475.9	465.7	454.5	439.5	426.3
-40°	420.5	426.3	429.6	429.6	429.6	426.3	420.5	413.2	406.3	397.2	387.2
-42.5°	376.1	379.0	380.2	379.8	380.2	379.0	376.1	370.9	365.9	359.8	354.8
-45°	339.1	341.5	343.1	343.7	343.1	341.5	339.1	335.7	334.4	334.2	334.2
-47.5°	312.7	313.4	314.1	314.5	314.1	313.4	312.7	311.7	312.4	314.0	314.3
-50°	294.2	292.6	291.9	292.1	291.9	292.6	294.2	295.2	295.9	296.5	295.7
-52.5°	283.1	282.1	281.7	281.8	281.7	282.1	283.1	283.7	283.8	283.5	282.1
-55°	276.5	276.5	275.9	274.9	275.9	276.5	276.5	276.1	275.2	274.0	272.4
-57.5°	269.8	270.9	271.4	271.5	271.4	270.9	269.8	268.4	266.9	265.1	262.8
-60°	260.1	261.7	262.6	262.9	262.6	261.7	260.1	258.1	255.9	252.9	249.6
-62.5°	240.8	241.5	242.1	242.3	242.1	241.5	240.8	239.6	238.0	235.5	232.3
-65°	220.2	220.9	220.7	220.0	220.7	220.9	220.2	219.1	217.5	215.2	212.1
-67.5°	197.9	198.5	198.3	197.6	198.3	198.5	197.9	196.7	195.1	192.6	189.4
-70°	173.5	174.5	175.1	175.3	175.1	174.5	173.5	172.0	170.2	168.0	165.4
-72.5°	147.8	148.7	150.1	151.2	150.1	148.7	147.8	146.5	144.8	142.7	140.3
-75°	120.6	121.4	123.5	125.4	123.5	121.4	120.6	119.5	118.1	116.3	114.3
-77.5°	94.6	95.7	96.1	96.2	96.1	95.7	94.6	93.4	91.9	90.4	89.1
-80°	69.7	70.1	71.2	72.2	71.2	70.1	69.7	69.0	68.2	67.1	65.5
-82.5°	45.9	46.2	46.3	46.4	46.3	46.2	45.9	45.5	45.0	44.3	43.1
-85°	26.8	27.4	26.6	25.8	26.6	27.4	26.8	26.1	25.5	24.7	24.3
-87.5°	10.2	10.3	10.3	10.3	10.3	10.3	10.2	10.1	10.1	9.9	9.4
-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: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-NR-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°	8.9	8.3	7.8	8.0	8.2	8.3	8.4	8.2	7.9	7.6	7.3
85°	23.8	23.2	22.6	22.0	21.4	20.8	20.2	19.1	18.1	17.0	16.0
82.5°	41.9	40.7	39.4	38.3	37.1	35.8	34.4	32.8	31.0	29.0	26.8
80°	63.7	61.7	59.7	58.0	56.2	54.1	51.7	49.4	47.1	44.8	42.4
77.5°	87.5	85.5	83.2	80.8	78.2	75.6	72.7	69.4	66.0	62.5	59.0
75°	112.2	109.8	107.3	104.3	101.1	97.4	93.5	89.5	85.3	80.8	76.1
72.5°	137.6	134.4	131.1	127.7	124.1	120.1	115.7	110.9	105.5	99.8	94.1
70°	162.4	159.0	155.3	151.2	146.6	141.9	137.1	132.1	126.8	120.7	113.6
67.5°	185.9	182.1	178.2	173.7	168.6	163.2	157.8	152.1	146.1	139.7	132.3
65°	208.3	204.0	199.9	195.4	190.2	184.4	178.3	172.0	165.2	158.0	150.0
62.5°	228.9	225.3	220.9	215.8	210.5	204.8	198.3	191.1	183.7	176.0	167.3
60°	246.0	242.4	238.1	233.4	228.4	222.9	216.1	208.9	201.3	192.7	183.8
57.5°	259.8	256.3	252.5	248.3	243.7	238.1	231.8	225.1	217.2	208.6	199.5
55°	270.3	267.6	264.6	260.9	256.5	251.2	245.6	239.0	231.4	223.5	213.8
52.5°	279.6	277.3	274.8	272.0	267.6	262.5	257.3	250.9	244.1	236.0	227.2
50°	293.4	288.9	284.5	280.7	276.8	272.2	266.6	261.0	254.7	247.2	238.8
47.5°	310.8	303.4	296.1	290.5	285.7	280.6	275.2	269.6	263.7	257.0	248.7
45°	328.8	320.2	310.8	302.9	295.5	289.5	283.7	278.0	272.1	265.3	257.8
42.5°	348.1	338.9	328.4	318.1	308.0	299.8	292.5	286.5	279.9	273.3	265.6
40°	375.1	360.9	349.7	336.3	323.8	311.6	303.4	295.2	288.1	280.6	273.0
37.5°	410.8	394.3	376.8	359.5	343.4	327.9	316.1	306.1	296.6	288.3	279.7
35°	452.2	430.9	408.7	387.1	367.0	348.1	331.4	318.3	307.2	296.8	286.9
32.5°	506.2	475.5	446.2	419.2	392.6	369.5	349.3	332.3	318.7	306.8	295.0
30°	565.6	525.7	487.5	455.7	423.3	393.8	367.2	347.1	331.1	317.5	303.7
27.5°	662.0	585.1	536.1	492.5	455.2	420.8	389.1	360.3	342.7	328.2	313.2
25°	871.2	687.3	597.8	539.2	490.9	446.7	410.5	377.6	353.1	337.2	318.4
22.5°	1271.7	921.6	691.1	589.2	530.2	477.4	432.1	395.2	361.2	341.2	321.9
20°	2065.5	1279.7	885.2	671.9	573.5	507.2	454.0	412.2	374.7	345.8	324.3
17.5°	3138.2	1975.9	1130.7	779.2	631.2	544.6	478.6	428.0	386.7	350.7	325.7
15°	4287.5	2766.4	1645.1	981.6	692.2	576.3	498.9	442.4	397.9	358.1	329.4
12.5°	5598.5	3593.9	2119.7	1145.8	763.8	611.4	521.3	458.3	409.1	367.0	335.1
10°	6772.6	4430.1	2666.8	1486.6	884.0	646.7	542.1	472.4	419.4	374.3	339.6
7.5°	7729.8	5219.1	3161.9	1740.7	974.3	674.7	559.5	484.2	428.0	379.7	342.8
5°	8341.6	5801.0	3556.4	1930.8	1037.1	693.3	571.4	493.0	434.4	383.1	344.9
2.5°	8775.1	6186.3	3805.9	2041.6	1070.6	703.3	579.7	498.4	439.2	387.3	348.3
0°	8796.5	6316.9	3890.5	2137.7	1077.4	706.3	586.0	500.1	441.6	390.1	350.6
-2.5°	8775.1	6186.3	3805.9	2041.6	1070.6	703.3	579.7	498.4	439.2	387.3	348.3
-5°	8341.6	5801.0	3556.4	1930.8	1037.1	693.3	571.4	493.0	434.4	383.1	344.9
-7.5°	7729.8	5219.1	3161.9	1740.7	974.3	674.7	559.5	484.2	428.0	379.7	342.8
-10°	6772.6	4430.1	2666.8	1486.6	884.0	646.7	542.1	472.4	419.4	374.3	339.6
-12.5°	5598.5	3593.9	2119.7	1145.8	763.8	611.4	521.3	458.3	409.1	367.0	335.1
-15°	4287.5	2766.4	1645.1	981.6	692.2	576.3	498.9	442.4	397.9	358.1	329.4
-17.5°	3138.2	1975.9	1130.7	779.2	631.2	544.6	478.6	428.0	386.7	350.7	325.7
-20°	2065.5	1279.7	885.2	671.9	573.5	507.2	454.0	412.2	374.7	345.8	324.3



REPORT NUMBER: P558935 (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°	1271.7	921.6	691.1	589.2	530.2	477.4	432.1	395.2	361.2	341.2	321.9
-25°	871.2	687.3	597.8	539.2	490.9	446.7	410.5	377.6	353.1	337.2	318.4
-27.5°	662.0	585.1	536.1	492.5	455.2	420.8	389.1	360.3	342.7	328.2	313.2
-30°	565.6	525.7	487.5	455.7	423.3	393.8	367.2	347.1	331.1	317.5	303.7
-32.5°	506.2	475.5	446.2	419.2	392.6	369.5	349.3	332.3	318.7	306.8	295.0
-35°	452.2	430.9	408.7	387.1	367.0	348.1	331.4	318.3	307.2	296.8	286.9
-37.5°	410.8	394.3	376.8	359.5	343.4	327.9	316.1	306.1	296.6	288.3	279.7
-40°	375.1	360.9	349.7	336.3	323.8	311.6	303.4	295.2	288.1	280.6	273.0
-42.5°	348.1	338.9	328.4	318.1	308.0	299.8	292.5	286.5	279.9	273.3	265.6
-45°	328.8	320.2	310.8	302.9	295.5	289.5	283.7	278.0	272.1	265.3	257.8
-47.5°	310.8	303.4	296.1	290.5	285.7	280.6	275.2	269.6	263.7	257.0	248.7
-50°	293.4	288.9	284.5	280.7	276.8	272.2	266.6	261.0	254.7	247.2	238.8
-52.5°	279.6	277.3	274.8	272.0	267.6	262.5	257.3	250.9	244.1	236.0	227.2
-55°	270.3	267.6	264.6	260.9	256.5	251.2	245.6	239.0	231.4	223.5	213.8
-57.5°	259.8	256.3	252.5	248.3	243.7	238.1	231.8	225.1	217.2	208.6	199.5
-60°	246.0	242.4	238.1	233.4	228.4	222.9	216.1	208.9	201.3	192.7	183.8
-62.5°	228.9	225.3	220.9	215.8	210.5	204.8	198.3	191.1	183.7	176.0	167.3
-65°	208.3	204.0	199.9	195.4	190.2	184.4	178.3	172.0	165.2	158.0	150.0
-67.5°	185.9	182.1	178.2	173.7	168.6	163.2	157.8	152.1	146.1	139.7	132.3
-70°	162.4	159.0	155.3	151.2	146.6	141.9	137.1	132.1	126.8	120.7	113.6
-72.5°	137.6	134.4	131.1	127.7	124.1	120.1	115.7	110.9	105.5	99.8	94.1
-75°	112.2	109.8	107.3	104.3	101.1	97.4	93.5	89.5	85.3	80.8	76.1
-77.5°	87.5	85.5	83.2	80.8	78.2	75.6	72.7	69.4	66.0	62.5	59.0
-80°	63.7	61.7	59.7	58.0	56.2	54.1	51.7	49.4	47.1	44.8	42.4
-82.5°	41.9	40.7	39.4	38.3	37.1	35.8	34.4	32.8	31.0	29.0	26.8
-85°	23.8	23.2	22.6	22.0	21.4	20.8	20.2	19.1	18.1	17.0	16.0
-87.5°	8.9	8.3	7.8	8.0	8.2	8.3	8.4	8.2	7.9	7.6	7.3
-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: P558935 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	7.0	6.6	6.3	5.9	5.5	5.1	4.8	4.4	3.9	3.5	3.1
85°	15.3	14.5	13.6	12.6	11.5	10.3	9.5	8.7	7.9	7.0	6.2
82.5°	25.1	23.9	22.7	21.4	20.0	18.4	16.7	14.8	12.7	10.7	9.3
80°	39.7	37.1	34.4	31.8	29.1	26.6	24.4	22.0	19.1	16.2	13.4
77.5°	55.2	51.2	47.1	43.4	39.8	36.3	32.8	29.3	25.3	21.7	18.1
75°	71.2	66.4	61.5	56.4	51.2	45.9	41.5	37.1	32.3	27.2	22.7
72.5°	88.6	82.8	76.5	69.8	63.7	57.5	51.0	44.9	39.4	33.7	27.6
70°	106.5	99.5	92.5	84.7	76.8	69.0	61.7	54.2	46.6	40.2	33.4
67.5°	124.4	116.0	107.9	99.4	90.4	81.3	72.3	63.8	55.3	46.6	39.1
65°	141.5	132.4	122.7	113.2	103.5	93.5	83.4	73.5	63.8	54.2	44.8
62.5°	158.2	148.7	138.1	127.0	116.2	105.3	94.3	83.4	72.3	61.7	51.0
60°	174.3	164.1	153.0	141.0	128.8	116.9	105.0	93.1	81.1	69.0	57.5
57.5°	189.4	179.0	166.9	154.3	141.3	128.2	115.4	102.6	89.7	76.6	63.7
55°	203.8	192.6	180.2	167.1	153.3	139.3	125.7	112.0	98.1	84.0	69.8
52.5°	217.0	205.4	192.6	179.2	164.8	150.1	135.9	121.1	106.2	91.2	76.2
50°	229.0	217.3	204.3	190.4	175.9	160.8	145.9	130.1	114.2	98.3	82.4
47.5°	239.5	228.0	215.1	201.1	186.0	171.0	155.3	139.1	121.8	105.1	88.4
45°	248.5	237.9	225.2	210.9	196.1	180.5	164.2	147.7	129.6	111.7	94.3
42.5°	257.0	246.6	234.3	220.2	205.5	189.7	172.6	155.5	137.2	118.1	99.9
40°	264.2	254.5	242.8	229.1	214.6	198.6	180.8	162.8	144.5	124.4	105.2
37.5°	271.0	261.4	250.1	238.0	223.3	206.7	188.6	169.6	151.2	130.5	110.3
35°	277.4	267.5	257.6	245.7	231.2	214.5	196.2	176.2	156.9	136.2	115.2
32.5°	283.6	273.4	263.4	252.3	238.9	222.1	203.2	182.5	162.3	141.6	119.7
30°	290.6	278.6	268.6	258.3	245.8	228.9	209.5	188.3	167.4	146.6	124.0
27.5°	296.2	282.8	273.2	263.1	251.1	235.2	215.0	193.5	172.1	151.0	128.1
25°	300.9	287.0	276.7	267.2	255.8	240.3	220.0	198.2	176.4	154.9	131.8
22.5°	304.6	290.5	279.4	270.8	260.3	244.9	224.4	202.3	180.3	158.4	135.2
20°	306.7	293.0	281.4	273.8	264.0	248.3	228.1	205.9	183.6	161.5	138.2
17.5°	307.4	294.9	284.0	275.9	266.8	251.8	231.4	209.2	186.5	164.3	140.9
15°	310.3	296.7	285.9	277.6	269.2	255.1	234.2	211.9	189.0	166.8	143.2
12.5°	313.3	298.0	287.2	279.0	271.1	258.3	236.5	214.2	190.9	168.8	145.1
10°	315.9	298.9	287.8	280.0	272.7	261.3	238.3	216.0	192.9	170.5	146.7
7.5°	318.1	299.4	288.0	280.8	273.9	263.7	240.0	217.3	194.7	171.9	147.9
5°	319.6	299.5	287.9	281.4	275.0	265.2	241.2	218.1	196.1	172.8	148.8
2.5°	320.9	299.5	287.6	281.7	276.0	266.1	242.0	218.4	197.0	173.4	149.3
0°	321.3	299.0	287.0	281.8	276.7	266.4	242.3	218.2	197.6	173.6	149.5
-2.5°	320.9	299.5	287.6	281.7	276.0	266.1	242.0	218.4	197.0	173.4	149.3
-5°	319.6	299.5	287.9	281.4	275.0	265.2	241.2	218.1	196.1	172.8	148.8
-7.5°	318.1	299.4	288.0	280.8	273.9	263.7	240.0	217.3	194.7	171.9	147.9
-10°	315.9	298.9	287.8	280.0	272.7	261.3	238.3	216.0	192.9	170.5	146.7
-12.5°	313.3	298.0	287.2	279.0	271.1	258.3	236.5	214.2	190.9	168.8	145.1
-15°	310.3	296.7	285.9	277.6	269.2	255.1	234.2	211.9	189.0	166.8	143.2
-17.5°	307.4	294.9	284.0	275.9	266.8	251.8	231.4	209.2	186.5	164.3	140.9
-20°	306.7	293.0	281.4	273.8	264.0	248.3	228.1	205.9	183.6	161.5	138.2



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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°	304.6	290.5	279.4	270.8	260.3	244.9	224.4	202.3	180.3	158.4	135.2
-25°	300.9	287.0	276.7	267.2	255.8	240.3	220.0	198.2	176.4	154.9	131.8
-27.5°	296.2	282.8	273.2	263.1	251.1	235.2	215.0	193.5	172.1	151.0	128.1
-30°	290.6	278.6	268.6	258.3	245.8	228.9	209.5	188.3	167.4	146.6	124.0
-32.5°	283.6	273.4	263.4	252.3	238.9	222.1	203.2	182.5	162.3	141.6	119.7
-35°	277.4	267.5	257.6	245.7	231.2	214.5	196.2	176.2	156.9	136.2	115.2
-37.5°	271.0	261.4	250.1	238.0	223.3	206.7	188.6	169.6	151.2	130.5	110.3
-40°	264.2	254.5	242.8	229.1	214.6	198.6	180.8	162.8	144.5	124.4	105.2
-42.5°	257.0	246.6	234.3	220.2	205.5	189.7	172.6	155.5	137.2	118.1	99.9
-45°	248.5	237.9	225.2	210.9	196.1	180.5	164.2	147.7	129.6	111.7	94.3
-47.5°	239.5	228.0	215.1	201.1	186.0	171.0	155.3	139.1	121.8	105.1	88.4
-50°	229.0	217.3	204.3	190.4	175.9	160.8	145.9	130.1	114.2	98.3	82.4
-52.5°	217.0	205.4	192.6	179.2	164.8	150.1	135.9	121.1	106.2	91.2	76.2
-55°	203.8	192.6	180.2	167.1	153.3	139.3	125.7	112.0	98.1	84.0	69.8
-57.5°	189.4	179.0	166.9	154.3	141.3	128.2	115.4	102.6	89.7	76.6	63.7
-60°	174.3	164.1	153.0	141.0	128.8	116.9	105.0	93.1	81.1	69.0	57.5
-62.5°	158.2	148.7	138.1	127.0	116.2	105.3	94.3	83.4	72.3	61.7	51.0
-65°	141.5	132.4	122.7	113.2	103.5	93.5	83.4	73.5	63.8	54.2	44.8
-67.5°	124.4	116.0	107.9	99.4	90.4	81.3	72.3	63.8	55.3	46.6	39.1
-70°	106.5	99.5	92.5	84.7	76.8	69.0	61.7	54.2	46.6	40.2	33.4
-72.5°	88.6	82.8	76.5	69.8	63.7	57.5	51.0	44.9	39.4	33.7	27.6
-75°	71.2	66.4	61.5	56.4	51.2	45.9	41.5	37.1	32.3	27.2	22.7
-77.5°	55.2	51.2	47.1	43.4	39.8	36.3	32.8	29.3	25.3	21.7	18.1
-80°	39.7	37.1	34.4	31.8	29.1	26.6	24.4	22.0	19.1	16.2	13.4
-82.5°	25.1	23.9	22.7	21.4	20.0	18.4	16.7	14.8	12.7	10.7	9.3
-85°	15.3	14.5	13.6	12.6	11.5	10.3	9.5	8.7	7.9	7.0	6.2
-87.5°	7.0	6.6	6.3	5.9	5.5	5.1	4.8	4.4	3.9	3.5	3.1
-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):

	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°	2.7	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
82.5°	8.0	6.7	5.4	4.0	2.7	1.3	0.0
80°	10.8	8.9	7.1	5.4	3.6	1.8	0.0
77.5°	14.7	11.5	8.9	6.7	4.5	2.2	0.0
75°	18.7	14.9	10.8	8.0	5.3	2.7	0.0
72.5°	22.6	18.2	13.5	9.3	6.2	3.1	0.0
70°	26.6	21.5	16.3	10.7	7.0	3.5	0.0
67.5°	31.6	24.8	18.9	12.8	7.9	3.9	0.0
65°	36.5	28.4	21.6	14.8	8.7	4.4	0.0
62.5°	41.2	32.3	24.2	16.8	9.5	4.8	0.0
60°	45.9	36.2	26.7	18.7	10.3	5.1	0.0
57.5°	51.2	39.9	29.7	20.6	11.6	5.5	0.0
55°	56.4	43.5	32.5	22.5	12.8	5.9	0.0
52.5°	61.5	47.1	35.3	24.3	14.0	6.3	0.0
50°	66.4	51.2	37.9	26.1	15.2	6.6	0.0
47.5°	71.2	55.2	40.5	27.9	16.3	7.0	0.0
45°	76.3	59.0	43.0	29.7	17.4	7.3	0.0
42.5°	81.1	62.6	45.3	31.4	18.4	7.6	0.0
40°	85.8	66.1	47.8	33.1	19.4	7.9	0.0
37.5°	90.2	69.4	50.4	34.6	20.4	8.2	0.0
35°	94.5	72.8	52.9	36.1	21.3	8.4	0.0
32.5°	98.5	76.1	55.3	37.5	22.1	8.7	0.0
30°	102.1	79.2	57.5	38.8	22.9	8.9	0.0
27.5°	105.5	82.2	59.6	40.0	23.6	9.1	0.0
25°	108.7	84.9	61.5	41.1	24.3	9.3	0.0
22.5°	111.5	87.3	63.4	42.1	24.9	9.5	0.0
20°	114.1	89.6	65.0	43.0	25.4	9.7	0.0
17.5°	116.4	91.6	66.5	43.8	25.9	9.8	0.0
15°	118.3	93.3	67.9	44.5	26.3	9.9	0.0
12.5°	119.9	94.7	69.1	45.0	26.7	10.1	0.0
10°	121.3	95.9	70.1	45.5	27.0	10.1	0.0
7.5°	122.3	96.8	70.9	45.9	27.2	10.2	0.0
5°	123.1	97.4	71.5	46.2	27.4	10.3	0.0
2.5°	123.5	97.8	72.0	46.3	27.5	10.3	0.0
0°	123.7	97.9	72.2	46.4	27.5	10.3	0.0
-2.5°	123.5	97.8	72.0	46.3	27.5	10.3	0.0
-5°	123.1	97.4	71.5	46.2	27.4	10.3	0.0
-7.5°	122.3	96.8	70.9	45.9	27.2	10.2	0.0
-10°	121.3	95.9	70.1	45.5	27.0	10.1	0.0
-12.5°	119.9	94.7	69.1	45.0	26.7	10.1	0.0
-15°	118.3	93.3	67.9	44.5	26.3	9.9	0.0
-17.5°	116.4	91.6	66.5	43.8	25.9	9.8	0.0
-20°	114.1	89.6	65.0	43.0	25.4	9.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.5	87.3	63.4	42.1	24.9	9.5	0.0
-25°	108.7	84.9	61.5	41.1	24.3	9.3	0.0
-27.5°	105.5	82.2	59.6	40.0	23.6	9.1	0.0
-30°	102.1	79.2	57.5	38.8	22.9	8.9	0.0
-32.5°	98.5	76.1	55.3	37.5	22.1	8.7	0.0
-35°	94.5	72.8	52.9	36.1	21.3	8.4	0.0
-37.5°	90.2	69.4	50.4	34.6	20.4	8.2	0.0
-40°	85.8	66.1	47.8	33.1	19.4	7.9	0.0
-42.5°	81.1	62.6	45.3	31.4	18.4	7.6	0.0
-45°	76.3	59.0	43.0	29.7	17.4	7.3	0.0
-47.5°	71.2	55.2	40.5	27.9	16.3	7.0	0.0
-50°	66.4	51.2	37.9	26.1	15.2	6.6	0.0
-52.5°	61.5	47.1	35.3	24.3	14.0	6.3	0.0
-55°	56.4	43.5	32.5	22.5	12.8	5.9	0.0
-57.5°	51.2	39.9	29.7	20.6	11.6	5.5	0.0
-60°	45.9	36.2	26.7	18.7	10.3	5.1	0.0
-62.5°	41.2	32.3	24.2	16.8	9.5	4.8	0.0
-65°	36.5	28.4	21.6	14.8	8.7	4.4	0.0
-67.5°	31.6	24.8	18.9	12.8	7.9	3.9	0.0
-70°	26.6	21.5	16.3	10.7	7.0	3.5	0.0
-72.5°	22.6	18.2	13.5	9.3	6.2	3.1	0.0
-75°	18.7	14.9	10.8	8.0	5.3	2.7	0.0
-77.5°	14.7	11.5	8.9	6.7	4.5	2.2	0.0
-80°	10.8	8.9	7.1	5.4	3.6	1.8	0.0
-82.5°	8.0	6.7	5.4	4.0	2.7	1.3	0.0
-85°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
-87.5°	2.7	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)