

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: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558879 (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-SA4B-927-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

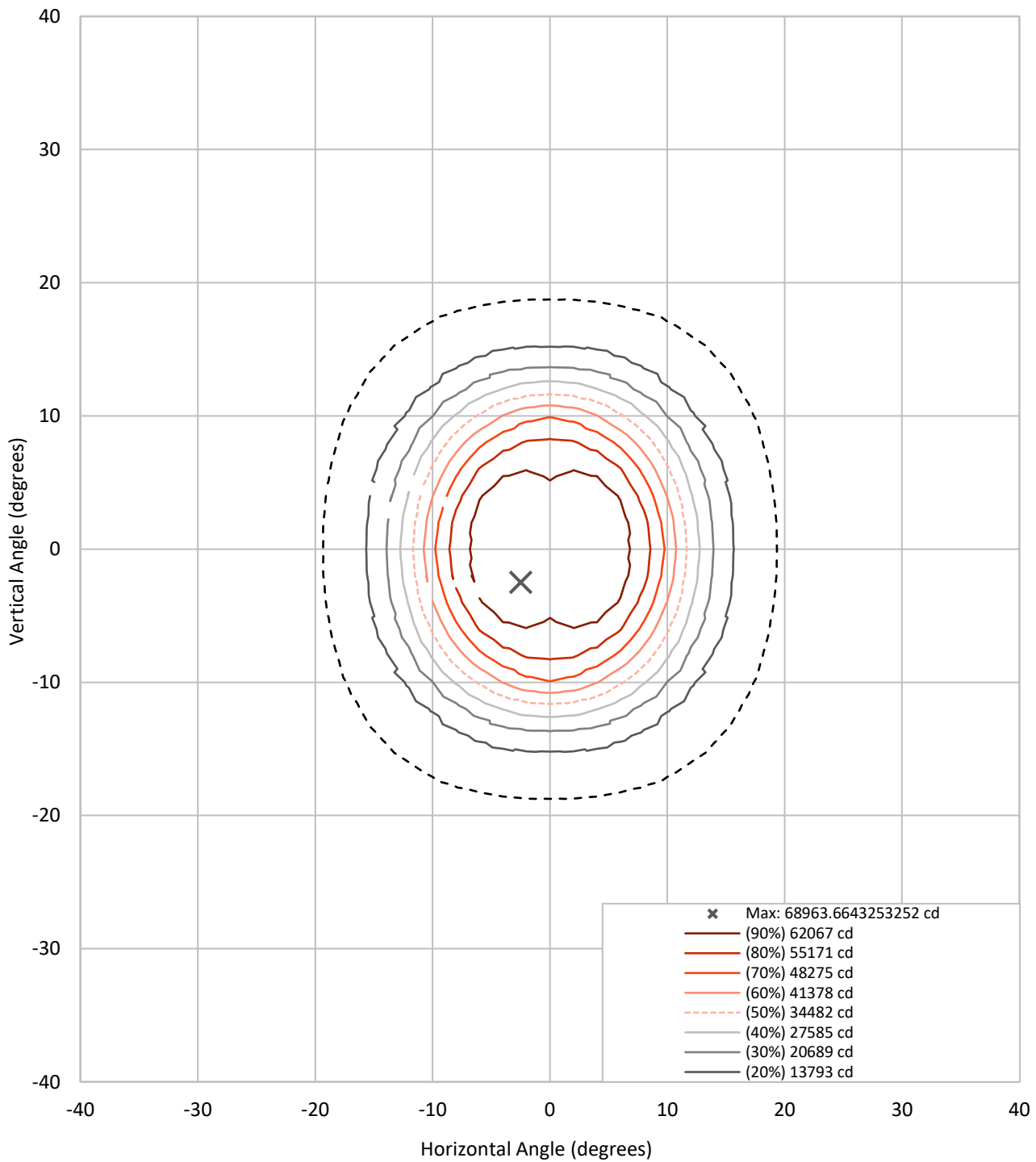
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13040.9 lumens	Max Intensity:	68963.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	7040.4 lumens	Field Lumens:	10617.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





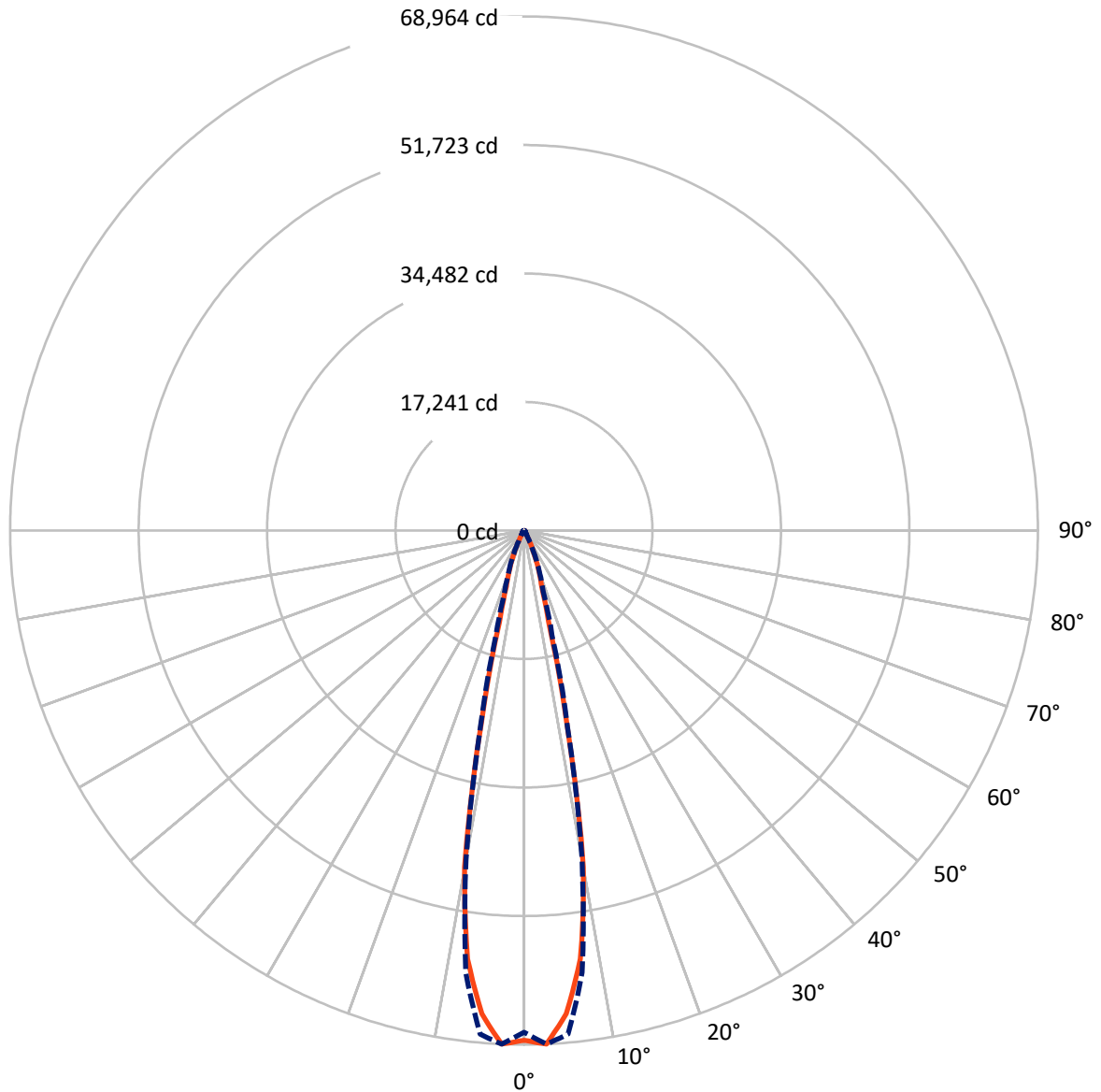
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Lumen Table

90	0.2	1.3		3.5		5.6		6.5		5.6		3.5		1.3		0.2
80	0.2	1.3		3.5		5.6		6.5		5.6		3.5		1.3		0.2
70	0.6	0.7	1.4	2.3	3.1	3.9	4.4	4.7	4.7	4.4	3.9	3.1	2.3	1.4	0.7	0.6
60		1.0	2.1	3.2	4.3	5.1	5.7	5.9	5.9	5.7	5.1	4.3	3.2	2.1	1.0	
50	1.1	1.4	2.6	3.9	5.0	6.1	7.1	7.5	7.5	7.1	6.1	5.0	3.9	2.6	1.4	1.1
40		1.6	3.0	4.4	5.9	8.1	10.7	12.8	12.8	10.7	8.1	5.9	4.4	3.0	1.6	
30	1.5	1.8	3.3	4.9	7.4	13.3	40.1	78.0	78.0	40.1	13.3	7.4	4.9	3.3	1.8	1.5
20		2.0	3.4	5.2	9.2	39.6	182.6	469.5	469.5	182.6	39.6	9.2	5.2	3.4	2.0	
10	1.6	2.0	3.5	5.4	11.0	77.1	475.4	1679.7	1679.7	475.4	77.1	11.0	5.4	3.5	2.0	1.6
0		2.0	3.5	5.4	11.0	77.1	475.4	1679.7	1679.7	475.4	77.1	11.0	5.4	3.5	2.0	
-10	1.5	2.0	3.4	5.2	9.2	39.6	182.6	469.5	469.5	182.6	39.6	9.2	5.2	3.4	2.0	1.5
-20		1.8	3.3	4.9	7.4	13.3	40.1	78.0	78.0	40.1	13.3	7.4	4.9	3.3	1.8	
-30	1.1	1.6	3.0	4.4	5.9	8.1	10.7	12.8	12.8	10.7	8.1	5.9	4.4	3.0	1.6	1.1
-40		1.4	2.6	3.9	5.0	6.1	7.1	7.5	7.5	7.1	6.1	5.0	3.9	2.6	1.4	
-50	0.6	1.0	2.1	3.2	4.3	5.1	5.7	5.9	5.9	5.7	5.1	4.3	3.2	2.1	1.0	0.6
-60		0.7	1.4	2.3	3.1	3.9	4.4	4.7	4.7	4.4	3.9	3.1	2.3	1.4	0.7	
-70	0.2	1.3		3.5		5.6		6.5		5.6		3.5		1.3		0.2
-80		1.3		3.5		5.6		6.5		5.6		3.5		1.3		
-90	0.2	1.3		3.5		5.6		6.5		5.6		3.5		1.3		0.2

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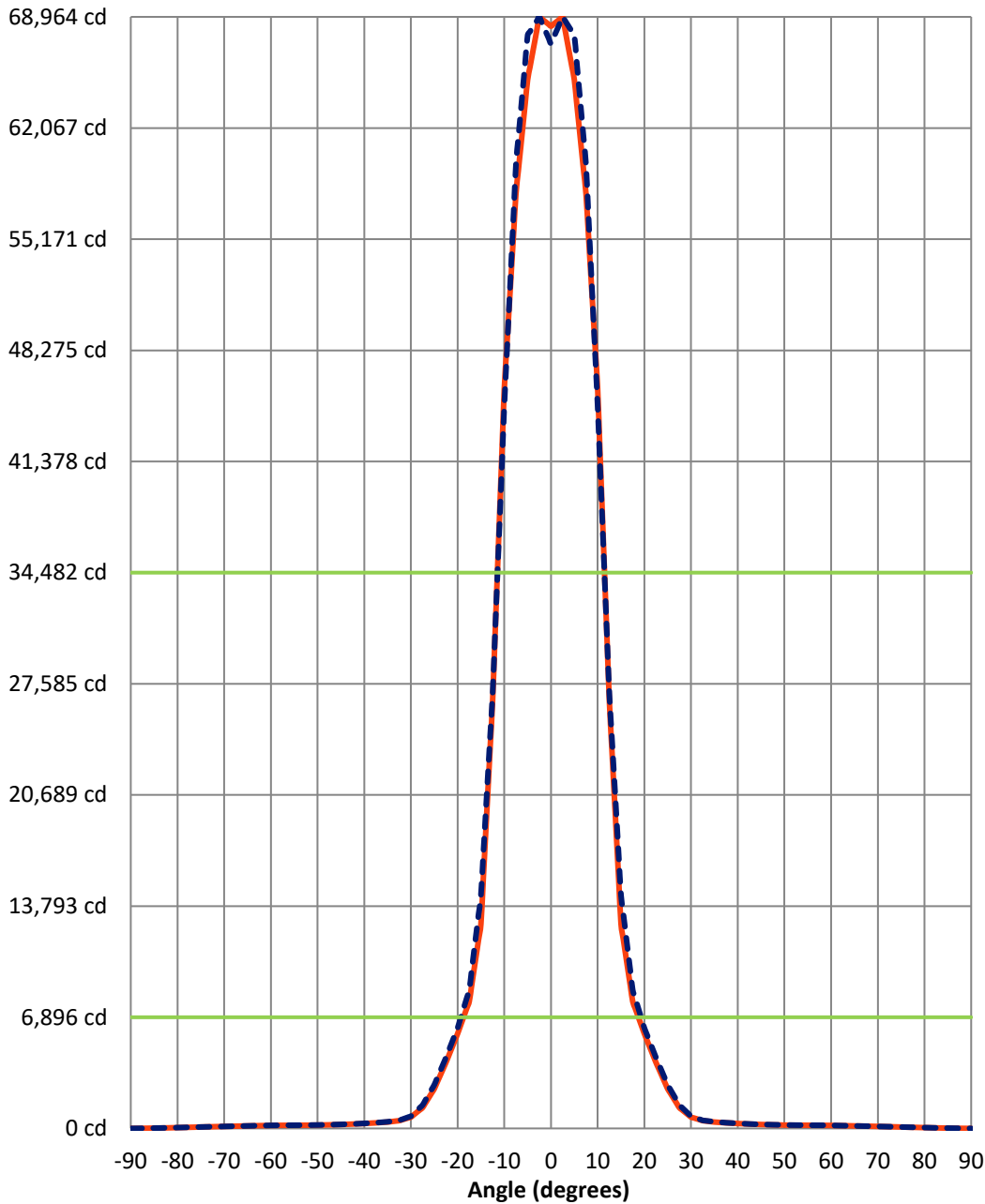
Luminous Intensity Polar Plot



— 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: 7040.4
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 10617.3
 Efficiency: 81.4%

Spill:
 Lumens: 2423.7
 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	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
82.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.6	7.6	9.0	10.5
80°	0.0	1.3	2.5	3.8	5.0	6.3	7.6	9.5	11.5	13.5	15.6
77.5°	0.0	1.6	3.2	4.7	6.3	8.1	10.4	12.8	15.4	18.0	20.8
75°	0.0	1.9	3.8	5.7	7.7	10.5	13.2	16.1	19.3	22.9	26.3
72.5°	0.0	2.2	4.4	6.6	9.6	12.9	16.0	19.6	23.9	28.0	31.8
70°	0.0	2.5	5.0	7.6	11.5	15.3	18.9	23.7	28.5	33.0	38.4
67.5°	0.0	2.8	5.6	9.0	13.4	17.6	22.4	27.7	33.0	39.2	45.3
65°	0.0	3.1	6.2	10.5	15.3	20.1	25.9	31.7	38.4	45.3	52.1
62.5°	0.0	3.4	6.7	11.9	17.2	22.9	29.2	36.2	43.8	51.3	59.2
60°	0.0	3.6	7.3	13.3	19.0	25.6	32.5	40.7	49.0	57.5	66.1
57.5°	0.0	3.9	8.2	14.6	21.0	28.3	36.3	45.2	54.3	63.7	72.9
55°	0.0	4.2	9.1	16.0	23.1	30.8	40.0	49.5	59.6	69.6	79.5
52.5°	0.0	4.4	9.9	17.2	25.0	33.4	43.6	54.0	64.8	75.4	85.9
50°	0.0	4.7	10.8	18.5	26.9	36.3	47.1	58.5	69.8	81.0	92.4
47.5°	0.0	4.9	11.6	19.8	28.7	39.1	50.5	62.8	74.6	86.5	98.7
45°	0.0	5.2	12.3	21.1	30.5	41.8	54.1	66.9	79.3	92.0	104.9
42.5°	0.0	5.4	13.1	22.3	32.1	44.4	57.6	70.9	83.9	97.4	110.4
40°	0.0	5.6	13.8	23.5	33.9	46.9	60.9	74.7	88.3	102.6	115.5
37.5°	0.0	5.8	14.4	24.6	35.8	49.2	64.0	78.3	92.6	107.3	120.4
35°	0.0	6.0	15.1	25.6	37.5	51.6	67.1	81.8	96.7	111.4	125.1
32.5°	0.0	6.2	15.7	26.6	39.2	54.0	69.9	85.0	100.5	115.2	129.6
30°	0.0	6.3	16.2	27.5	40.8	56.2	72.5	88.0	104.1	118.8	133.7
27.5°	0.0	6.5	16.7	28.3	42.3	58.3	74.9	90.9	107.2	122.1	137.4
25°	0.0	6.6	17.2	29.1	43.6	60.2	77.1	93.6	109.9	125.2	140.7
22.5°	0.0	6.7	17.6	29.8	44.9	62.0	79.2	95.9	112.4	128.0	143.6
20°	0.0	6.9	18.0	30.5	46.1	63.6	81.0	98.1	114.6	130.4	146.2
17.5°	0.0	7.0	18.4	31.0	47.2	65.0	82.6	100.0	116.6	132.4	148.5
15°	0.0	7.1	18.7	31.5	48.1	66.2	84.0	101.6	118.4	134.2	150.4
12.5°	0.0	7.1	18.9	31.9	49.0	67.2	85.1	103.0	119.8	135.6	152.0
10°	0.0	7.2	19.1	32.3	49.7	68.0	86.1	104.1	121.0	137.0	153.3
7.5°	0.0	7.2	19.3	32.6	50.3	68.7	86.8	105.0	122.0	138.2	154.2
5°	0.0	7.3	19.4	32.7	50.7	69.1	87.4	105.6	122.7	139.2	154.8
2.5°	0.0	7.3	19.5	32.9	51.0	69.4	87.7	106.0	123.1	139.9	155.0
0°	0.0	7.3	19.5	32.9	51.2	69.5	87.8	106.1	123.2	140.3	154.9
-2.5°	0.0	7.3	19.5	32.9	51.2	69.5	87.8	106.1	123.2	140.3	154.9
-5°	0.0	7.3	19.4	32.7	50.7	69.1	87.4	105.6	122.7	139.2	154.8
-7.5°	0.0	7.2	19.3	32.6	50.3	68.7	86.8	105.0	122.0	138.2	154.2
-10°	0.0	7.2	19.1	32.3	49.7	68.0	86.1	104.1	121.0	137.0	153.3
-12.5°	0.0	7.1	18.9	31.9	49.0	67.2	85.1	103.0	119.8	135.6	152.0
-15°	0.0	7.1	18.7	31.5	48.1	66.2	84.0	101.6	118.4	134.2	150.4
-17.5°	0.0	7.0	18.4	31.0	47.2	65.0	82.6	100.0	116.6	132.4	148.5
-20°	0.0	6.9	18.0	30.5	46.1	63.6	81.0	98.1	114.6	130.4	146.2



REPORT NUMBER: P558879 (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	6.7	17.6	29.8	44.9	62.0	79.2	95.9	112.4	128.0	143.6
-25°	0.0	6.6	17.2	29.1	43.6	60.2	77.1	93.6	109.9	125.2	140.7
-27.5°	0.0	6.5	16.7	28.3	42.3	58.3	74.9	90.9	107.2	122.1	137.4
-30°	0.0	6.3	16.2	27.5	40.8	56.2	72.5	88.0	104.1	118.8	133.7
-32.5°	0.0	6.2	15.7	26.6	39.2	54.0	69.9	85.0	100.5	115.2	129.6
-35°	0.0	6.0	15.1	25.6	37.5	51.6	67.1	81.8	96.7	111.4	125.1
-37.5°	0.0	5.8	14.4	24.6	35.8	49.2	64.0	78.3	92.6	107.3	120.4
-40°	0.0	5.6	13.8	23.5	33.9	46.9	60.9	74.7	88.3	102.6	115.5
-42.5°	0.0	5.4	13.1	22.3	32.1	44.4	57.6	70.9	83.9	97.4	110.4
-45°	0.0	5.2	12.3	21.1	30.5	41.8	54.1	66.9	79.3	92.0	104.9
-47.5°	0.0	4.9	11.6	19.8	28.7	39.1	50.5	62.8	74.6	86.5	98.7
-50°	0.0	4.7	10.8	18.5	26.9	36.3	47.1	58.5	69.8	81.0	92.4
-52.5°	0.0	4.4	9.9	17.2	25.0	33.4	43.6	54.0	64.8	75.4	85.9
-55°	0.0	4.2	9.1	16.0	23.1	30.8	40.0	49.5	59.6	69.6	79.5
-57.5°	0.0	3.9	8.2	14.6	21.0	28.3	36.3	45.2	54.3	63.7	72.9
-60°	0.0	3.6	7.3	13.3	19.0	25.6	32.5	40.7	49.0	57.5	66.1
-62.5°	0.0	3.4	6.7	11.9	17.2	22.9	29.2	36.2	43.8	51.3	59.2
-65°	0.0	3.1	6.2	10.5	15.3	20.1	25.9	31.7	38.4	45.3	52.1
-67.5°	0.0	2.8	5.6	9.0	13.4	17.6	22.4	27.7	33.0	39.2	45.3
-70°	0.0	2.5	5.0	7.6	11.5	15.3	18.9	23.7	28.5	33.0	38.4
-72.5°	0.0	2.2	4.4	6.6	9.6	12.9	16.0	19.6	23.9	28.0	31.8
-75°	0.0	1.9	3.8	5.7	7.7	10.5	13.2	16.1	19.3	22.9	26.3
-77.5°	0.0	1.6	3.2	4.7	6.3	8.1	10.4	12.8	15.4	18.0	20.8
-80°	0.0	1.3	2.5	3.8	5.0	6.3	7.6	9.5	11.5	13.5	15.6
-82.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.6	7.6	9.0	10.5
-85°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	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):

	-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°	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.6	5.8
85°	6.7	7.3	8.1	8.9	9.6	10.3	10.8	11.4	12.1	12.8	13.6
82.5°	11.9	13.1	14.2	15.2	16.1	16.9	17.8	19.0	20.6	22.0	23.3
80°	17.3	18.9	20.7	22.5	24.4	26.3	28.2	30.1	31.8	33.4	35.1
77.5°	23.3	25.7	28.2	30.8	33.4	36.3	39.1	41.8	44.3	46.8	49.2
75°	29.4	32.5	36.3	40.0	43.6	47.1	50.5	54.0	57.3	60.5	63.5
72.5°	36.2	40.7	45.2	49.5	54.2	58.7	62.9	66.8	70.8	74.9	78.7
70°	43.8	49.0	54.5	60.1	65.7	70.6	75.6	80.6	85.7	90.0	93.8
67.5°	51.3	57.7	64.1	70.6	76.6	82.4	88.3	93.9	99.1	103.7	107.9
65°	59.2	66.4	73.5	80.4	87.1	93.9	100.4	106.5	112.1	117.2	122.0
62.5°	66.9	74.8	82.5	90.2	98.0	105.5	112.3	118.7	124.9	130.4	135.6
60°	74.5	83.0	91.4	100.0	108.6	116.4	123.7	130.4	136.8	142.8	148.2
57.5°	82.0	91.0	100.3	109.5	118.5	127.0	134.4	141.5	148.0	154.2	159.8
55°	89.3	98.9	108.8	118.6	127.9	136.7	144.6	151.8	158.7	164.3	169.7
52.5°	96.5	106.6	117.0	127.2	136.7	145.8	154.1	161.3	167.5	173.3	178.1
50°	103.5	114.1	124.8	135.2	145.0	154.3	162.6	169.5	175.5	180.8	185.2
47.5°	110.2	121.3	132.0	142.7	152.7	161.9	170.0	176.6	182.4	187.2	191.3
45°	116.5	128.1	139.2	149.7	159.8	168.9	176.4	183.0	188.3	193.1	197.3
42.5°	122.5	134.6	145.9	156.3	166.3	175.0	182.4	188.5	194.0	198.7	203.3
40°	128.3	141.0	152.3	162.6	172.4	180.6	187.5	193.8	199.2	204.5	209.5
37.5°	133.9	146.7	158.4	168.9	177.5	185.6	192.4	198.6	204.7	210.5	217.3
35°	139.3	152.3	164.1	174.4	182.9	189.9	196.9	203.7	210.6	218.0	225.9
32.5°	144.3	157.6	169.6	179.1	187.0	194.0	201.3	209.4	217.8	226.2	235.9
30°	148.7	162.5	174.5	183.4	190.7	197.7	206.3	215.6	225.3	235.0	246.4
27.5°	152.6	167.0	178.2	186.8	193.9	200.7	210.3	222.4	232.9	243.2	255.8
25°	156.2	170.6	181.6	189.6	196.4	203.7	213.6	226.0	239.3	250.6	268.0
22.5°	159.3	173.9	184.8	192.2	198.3	206.2	216.2	228.4	242.2	256.4	280.5
20°	161.9	176.3	187.4	194.4	199.7	208.0	217.7	230.2	245.4	265.9	292.6
17.5°	164.2	178.7	189.4	195.8	201.5	209.3	218.2	231.2	248.9	274.5	303.8
15°	166.2	181.1	191.1	197.0	202.9	210.6	220.2	233.7	254.2	282.5	314.0
12.5°	167.9	183.4	192.5	198.0	203.8	211.5	222.4	237.8	260.5	290.4	325.3
10°	169.2	185.5	193.6	198.8	204.3	212.2	224.3	241.0	265.7	297.8	335.3
7.5°	170.4	187.2	194.5	199.3	204.4	212.5	225.8	243.4	269.6	303.8	343.7
5°	171.3	188.2	195.3	199.7	204.3	212.7	226.9	244.8	272.0	308.4	350.0
2.5°	171.8	188.9	195.9	199.9	204.1	212.6	227.8	247.2	274.9	311.8	353.8
0°	172.0	189.1	196.4	200.0	203.7	212.2	228.1	248.8	276.9	313.5	355.0
-2.5°	171.8	188.9	195.9	199.9	204.1	212.6	227.8	247.2	274.9	311.8	353.8
-5°	171.3	188.2	195.3	199.7	204.3	212.7	226.9	244.8	272.0	308.4	350.0
-7.5°	170.4	187.2	194.5	199.3	204.4	212.5	225.8	243.4	269.6	303.8	343.7
-10°	169.2	185.5	193.6	198.8	204.3	212.2	224.3	241.0	265.7	297.8	335.3
-12.5°	167.9	183.4	192.5	198.0	203.8	211.5	222.4	237.8	260.5	290.4	325.3
-15°	166.2	181.1	191.1	197.0	202.9	210.6	220.2	233.7	254.2	282.5	314.0
-17.5°	164.2	178.7	189.4	195.8	201.5	209.3	218.2	231.2	248.9	274.5	303.8
-20°	161.9	176.3	187.4	194.4	199.7	208.0	217.7	230.2	245.4	265.9	292.6



REPORT NUMBER: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	159.3	173.9	184.8	192.2	198.3	206.2	216.2	228.4	242.2	256.4	280.5
-25°	156.2	170.6	181.6	189.6	196.4	203.7	213.6	226.0	239.3	250.6	268.0
-27.5°	152.6	167.0	178.2	186.8	193.9	200.7	210.3	222.4	232.9	243.2	255.8
-30°	148.7	162.5	174.5	183.4	190.7	197.7	206.3	215.6	225.3	235.0	246.4
-32.5°	144.3	157.6	169.6	179.1	187.0	194.0	201.3	209.4	217.8	226.2	235.9
-35°	139.3	152.3	164.1	174.4	182.9	189.9	196.9	203.7	210.6	218.0	225.9
-37.5°	133.9	146.7	158.4	168.9	177.5	185.6	192.4	198.6	204.7	210.5	217.3
-40°	128.3	141.0	152.3	162.6	172.4	180.6	187.5	193.8	199.2	204.5	209.5
-42.5°	122.5	134.6	145.9	156.3	166.3	175.0	182.4	188.5	194.0	198.7	203.3
-45°	116.5	128.1	139.2	149.7	159.8	168.9	176.4	183.0	188.3	193.1	197.3
-47.5°	110.2	121.3	132.0	142.7	152.7	161.9	170.0	176.6	182.4	187.2	191.3
-50°	103.5	114.1	124.8	135.2	145.0	154.3	162.6	169.5	175.5	180.8	185.2
-52.5°	96.5	106.6	117.0	127.2	136.7	145.8	154.1	161.3	167.5	173.3	178.1
-55°	89.3	98.9	108.8	118.6	127.9	136.7	144.6	151.8	158.7	164.3	169.7
-57.5°	82.0	91.0	100.3	109.5	118.5	127.0	134.4	141.5	148.0	154.2	159.8
-60°	74.5	83.0	91.4	100.0	108.6	116.4	123.7	130.4	136.8	142.8	148.2
-62.5°	66.9	74.8	82.5	90.2	98.0	105.5	112.3	118.7	124.9	130.4	135.6
-65°	59.2	66.4	73.5	80.4	87.1	93.9	100.4	106.5	112.1	117.2	122.0
-67.5°	51.3	57.7	64.1	70.6	76.6	82.4	88.3	93.9	99.1	103.7	107.9
-70°	43.8	49.0	54.5	60.1	65.7	70.6	75.6	80.6	85.7	90.0	93.8
-72.5°	36.2	40.7	45.2	49.5	54.2	58.7	62.9	66.8	70.8	74.9	78.7
-75°	29.4	32.5	36.3	40.0	43.6	47.1	50.5	54.0	57.3	60.5	63.5
-77.5°	23.3	25.7	28.2	30.8	33.4	36.3	39.1	41.8	44.3	46.8	49.2
-80°	17.3	18.9	20.7	22.5	24.4	26.3	28.2	30.1	31.8	33.4	35.1
-82.5°	11.9	13.1	14.2	15.2	16.1	16.9	17.8	19.0	20.6	22.0	23.3
-85°	6.7	7.3	8.1	8.9	9.6	10.3	10.8	11.4	12.1	12.8	13.6
-87.5°	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.6	5.8
-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: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.9	5.8	5.7	5.5	5.9	6.3	6.7	7.0	7.1	7.2
85°	14.3	14.8	15.2	15.6	16.0	16.5	16.9	17.3	17.5	18.1	18.5
82.5°	24.4	25.4	26.3	27.1	27.9	28.8	29.7	30.6	31.4	31.9	32.3
80°	36.7	38.4	39.9	41.2	42.4	43.8	45.2	46.5	47.6	48.4	49.0
77.5°	51.6	53.6	55.5	57.3	59.1	60.7	62.1	63.3	64.2	65.3	66.3
75°	66.4	69.1	71.7	74.1	76.1	78.0	79.6	81.2	82.5	83.8	84.8
72.5°	82.1	85.3	88.1	90.6	93.0	95.4	97.6	99.6	101.3	102.8	104.0
70°	97.3	100.7	104.1	107.3	110.2	112.8	115.2	117.4	119.2	120.8	122.1
67.5°	112.0	115.8	119.7	123.3	126.4	129.2	131.9	134.4	136.7	138.5	139.6
65°	126.6	130.9	135.0	138.7	141.9	144.8	147.9	150.5	152.8	154.4	155.5
62.5°	140.7	145.4	149.4	153.2	156.8	160.0	162.5	164.9	167.2	169.0	170.1
60°	153.4	158.2	162.1	165.7	169.0	172.1	174.6	177.1	179.5	181.6	183.2
57.5°	164.6	169.0	173.0	176.2	179.2	182.0	184.4	186.5	188.2	189.4	190.5
55°	174.3	178.3	182.0	185.2	187.8	190.0	191.8	193.3	194.5	195.3	195.9
52.5°	182.6	186.3	190.0	193.0	195.0	196.8	198.4	200.2	201.2	201.4	201.3
50°	189.2	193.2	196.5	199.2	202.0	205.0	208.3	209.8	210.5	210.1	209.6
47.5°	195.3	199.2	202.8	206.2	210.2	215.4	220.6	223.0	222.9	221.8	221.3
45°	201.4	205.5	209.8	215.1	220.6	227.3	233.4	237.3	237.3	237.4	238.3
42.5°	207.6	212.9	218.7	225.8	233.1	240.6	247.1	251.8	255.4	259.7	263.4
40°	215.4	221.2	229.8	238.7	248.2	256.2	266.2	274.9	282.0	288.5	293.4
37.5°	224.4	232.7	243.7	255.2	267.5	279.9	291.6	302.6	312.0	322.7	330.6
35°	235.2	247.1	260.5	274.8	290.1	305.8	321.0	338.5	353.8	367.6	378.8
32.5°	248.0	262.3	278.6	297.6	316.8	337.6	359.4	381.8	403.4	426.0	448.5
30°	260.7	279.5	300.5	323.5	346.0	373.2	401.5	438.3	476.8	520.7	588.2
27.5°	276.2	298.7	323.1	349.6	380.5	415.3	469.9	537.9	653.8	740.4	973.1
25°	291.3	317.1	348.5	382.8	424.3	487.9	618.4	769.3	1105.5	1420.1	1783.7
22.5°	306.7	338.9	376.4	418.2	490.5	654.2	902.7	1357.8	1877.0	2428.2	2989.5
20°	322.2	360.1	407.1	476.9	628.3	908.3	1466.2	2197.4	2935.3	3836.6	4616.0
17.5°	339.7	386.6	448.0	553.1	802.6	1402.6	2227.6	3242.3	4384.1	5542.8	6515.8
15°	354.2	409.0	491.3	696.7	1167.7	1963.7	3043.4	4418.9	5975.7	7440.6	8690.1
12.5°	370.1	433.9	542.2	813.3	1504.6	2551.1	3974.0	5666.7	7534.3	9541.6	12719.7
10°	384.8	459.0	627.5	1055.3	1893.0	3144.7	4807.5	6714.6	8979.7	12998.5	20511.1
7.5°	397.2	478.9	691.6	1235.6	2244.4	3704.6	5486.9	7610.7	11016.0	17767.9	30409.9
5°	405.6	492.1	736.2	1370.6	2524.4	4117.7	5921.2	8200.8	13093.7	23597.9	38820.2
2.5°	411.5	499.3	760.0	1449.3	2701.6	4391.2	6228.9	8597.8	14488.5	26970.2	44804.9
0°	415.9	501.3	764.8	1517.4	2761.6	4483.9	6244.1	8704.4	14966.8	28286.9	46937.4
-2.5°	411.5	499.3	760.0	1449.3	2701.6	4391.2	6228.9	8597.8	14488.5	26970.2	44804.9
-5°	405.6	492.1	736.2	1370.6	2524.4	4117.7	5921.2	8200.8	13093.7	23597.9	38820.2
-7.5°	397.2	478.9	691.6	1235.6	2244.4	3704.6	5486.9	7610.7	11016.0	17767.9	30409.9
-10°	384.8	459.0	627.5	1055.3	1893.0	3144.7	4807.5	6714.6	8979.7	12998.5	20511.1
-12.5°	370.1	433.9	542.2	813.3	1504.6	2551.1	3974.0	5666.7	7534.3	9541.6	12719.7
-15°	354.2	409.0	491.3	696.7	1167.7	1963.7	3043.4	4418.9	5975.7	7440.6	8690.1
-17.5°	339.7	386.6	448.0	553.1	802.6	1402.6	2227.6	3242.3	4384.1	5542.8	6515.8
-20°	322.2	360.1	407.1	476.9	628.3	908.3	1466.2	2197.4	2935.3	3836.6	4616.0



REPORT NUMBER: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	306.7	338.9	376.4	418.2	490.5	654.2	902.7	1357.8	1877.0	2428.2	2989.5
-25°	291.3	317.1	348.5	382.8	424.3	487.9	618.4	769.3	1105.5	1420.1	1783.7
-27.5°	276.2	298.7	323.1	349.6	380.5	415.3	469.9	537.9	653.8	740.4	973.1
-30°	260.7	279.5	300.5	323.5	346.0	373.2	401.5	438.3	476.8	520.7	588.2
-32.5°	248.0	262.3	278.6	297.6	316.8	337.6	359.4	381.8	403.4	426.0	448.5
-35°	235.2	247.1	260.5	274.8	290.1	305.8	321.0	338.5	353.8	367.6	378.8
-37.5°	224.4	232.7	243.7	255.2	267.5	279.9	291.6	302.6	312.0	322.7	330.6
-40°	215.4	221.2	229.8	238.7	248.2	256.2	266.2	274.9	282.0	288.5	293.4
-42.5°	207.6	212.9	218.7	225.8	233.1	240.6	247.1	251.8	255.4	259.7	263.4
-45°	201.4	205.5	209.8	215.1	220.6	227.3	233.4	237.3	237.3	237.4	238.3
-47.5°	195.3	199.2	202.8	206.2	210.2	215.4	220.6	223.0	222.9	221.8	221.3
-50°	189.2	193.2	196.5	199.2	202.0	205.0	208.3	209.8	210.5	210.1	209.6
-52.5°	182.6	186.3	190.0	193.0	195.0	196.8	198.4	200.2	201.2	201.4	201.3
-55°	174.3	178.3	182.0	185.2	187.8	190.0	191.8	193.3	194.5	195.3	195.9
-57.5°	164.6	169.0	173.0	176.2	179.2	182.0	184.4	186.5	188.2	189.4	190.5
-60°	153.4	158.2	162.1	165.7	169.0	172.1	174.6	177.1	179.5	181.6	183.2
-62.5°	140.7	145.4	149.4	153.2	156.8	160.0	162.5	164.9	167.2	169.0	170.1
-65°	126.6	130.9	135.0	138.7	141.9	144.8	147.9	150.5	152.8	154.4	155.5
-67.5°	112.0	115.8	119.7	123.3	126.4	129.2	131.9	134.4	136.7	138.5	139.6
-70°	97.3	100.7	104.1	107.3	110.2	112.8	115.2	117.4	119.2	120.8	122.1
-72.5°	82.1	85.3	88.1	90.6	93.0	95.4	97.6	99.6	101.3	102.8	104.0
-75°	66.4	69.1	71.7	74.1	76.1	78.0	79.6	81.2	82.5	83.8	84.8
-77.5°	51.6	53.6	55.5	57.3	59.1	60.7	62.1	63.3	64.2	65.3	66.3
-80°	36.7	38.4	39.9	41.2	42.4	43.8	45.2	46.5	47.6	48.4	49.0
-82.5°	24.4	25.4	26.3	27.1	27.9	28.8	29.7	30.6	31.4	31.9	32.3
-85°	14.3	14.8	15.2	15.6	16.0	16.5	16.9	17.3	17.5	18.1	18.5
-87.5°	6.0	5.9	5.8	5.7	5.5	5.9	6.3	6.7	7.0	7.1	7.2
-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: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.0	6.7
85°	19.0	19.4	18.9	18.3	18.9	19.4	19.0	18.5	18.1	17.5	17.3
82.5°	32.5	32.7	32.9	32.9	32.9	32.7	32.5	32.3	31.9	31.4	30.6
80°	49.4	49.7	50.5	51.2	50.5	49.7	49.4	49.0	48.4	47.6	46.5
77.5°	67.2	67.9	68.2	68.3	68.2	67.9	67.2	66.3	65.3	64.2	63.3
75°	85.6	86.2	87.6	89.0	87.6	86.2	85.6	84.8	83.8	82.5	81.2
72.5°	104.9	105.6	106.5	107.3	106.5	105.6	104.9	104.0	102.8	101.3	99.6
70°	123.1	123.8	124.3	124.4	124.3	123.8	123.1	122.1	120.8	119.2	117.4
67.5°	140.5	140.9	140.8	140.3	140.8	140.9	140.5	139.6	138.5	136.7	134.4
65°	156.3	156.8	156.7	156.1	156.7	156.8	156.3	155.5	154.4	152.8	150.5
62.5°	170.9	171.4	171.8	172.0	171.8	171.4	170.9	170.1	169.0	167.2	164.9
60°	184.6	185.8	186.4	186.6	186.4	185.8	184.6	183.2	181.6	179.5	177.1
57.5°	191.5	192.3	192.6	192.7	192.6	192.3	191.5	190.5	189.4	188.2	186.5
55°	196.3	196.3	195.9	195.2	195.9	196.3	196.3	195.9	195.3	194.5	193.3
52.5°	200.9	200.2	199.9	200.0	199.9	200.2	200.9	201.3	201.4	201.2	200.2
50°	208.9	207.8	207.3	207.4	207.3	207.8	208.9	209.6	210.1	210.5	209.8
47.5°	222.0	222.4	222.9	223.2	222.9	222.4	222.0	221.3	221.8	222.9	223.0
45°	240.7	242.5	243.5	244.0	243.5	242.5	240.7	238.3	237.4	237.3	237.3
42.5°	267.0	269.1	269.9	269.6	269.9	269.1	267.0	263.4	259.7	255.4	251.8
40°	298.5	302.6	305.0	304.9	305.0	302.6	298.5	293.4	288.5	282.0	274.9
37.5°	337.8	343.3	346.0	345.2	346.0	343.3	337.8	330.6	322.7	312.0	302.6
35°	387.3	392.8	395.0	397.7	395.0	392.8	387.3	378.8	367.6	353.8	338.5
32.5°	466.2	477.3	481.8	475.7	481.8	477.3	466.2	448.5	426.0	403.4	381.8
30°	633.9	674.4	701.4	714.8	701.4	674.4	633.9	588.2	520.7	476.8	438.3
27.5°	1133.2	1239.2	1284.1	1308.8	1284.1	1239.2	1133.2	973.1	740.4	653.8	537.9
25°	2095.0	2321.2	2451.4	2440.8	2451.4	2321.2	2095.0	1783.7	1420.1	1105.5	769.3
22.5°	3511.1	3868.0	4082.1	4160.7	4082.1	3868.0	3511.1	2989.5	2428.2	1877.0	1357.8
20°	5266.6	5666.8	5876.1	5907.4	5876.1	5666.8	5266.6	4616.0	3836.6	2935.3	2197.4
17.5°	7281.5	7660.8	7881.4	7878.6	7881.4	7660.8	7281.5	6515.8	5542.8	4384.1	3242.3
15°	10392.0	11860.4	12688.4	12567.5	12688.4	11860.4	10392.0	8690.1	7440.6	5975.7	4418.9
12.5°	17028.0	22893.0	26530.9	27429.3	26530.9	22893.0	17028.0	12719.7	9541.6	7534.3	5666.7
10°	30090.7	38865.1	45872.3	47897.4	45872.3	38865.1	30090.7	20511.1	12998.5	8979.7	6714.6
7.5°	43283.6	53697.3	57982.9	58480.9	57982.9	53697.3	43283.6	30409.9	17767.9	11016.0	7610.7
5°	53241.5	63837.9	65064.3	61983.5	65064.3	63837.9	53241.5	38820.2	23597.9	13093.7	8200.8
2.5°	59814.7	67820.3	68963.7	67305.4	68963.7	67820.3	59814.7	44804.9	26970.2	14488.5	8597.8
0°	61313.8	66761.4	68385.5	68563.0	68385.5	66761.4	61313.8	46937.4	28286.9	14966.8	8704.4
-2.5°	59814.7	67820.3	68963.7	67305.4	68963.7	67820.3	59814.7	44804.9	26970.2	14488.5	8597.8
-5°	53241.5	63837.9	65064.3	61983.5	65064.3	63837.9	53241.5	38820.2	23597.9	13093.7	8200.8
-7.5°	43283.6	53697.3	57982.9	58480.9	57982.9	53697.3	43283.6	30409.9	17767.9	11016.0	7610.7
-10°	30090.7	38865.1	45872.3	47897.4	45872.3	38865.1	30090.7	20511.1	12998.5	8979.7	6714.6
-12.5°	17028.0	22893.0	26530.9	27429.3	26530.9	22893.0	17028.0	12719.7	9541.6	7534.3	5666.7
-15°	10392.0	11860.4	12688.4	12567.5	12688.4	11860.4	10392.0	8690.1	7440.6	5975.7	4418.9
-17.5°	7281.5	7660.8	7881.4	7878.6	7881.4	7660.8	7281.5	6515.8	5542.8	4384.1	3242.3
-20°	5266.6	5666.8	5876.1	5907.4	5876.1	5666.8	5266.6	4616.0	3836.6	2935.3	2197.4



REPORT NUMBER: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3511.1	3868.0	4082.1	4160.7	4082.1	3868.0	3511.1	2989.5	2428.2	1877.0	1357.8
-25°	2095.0	2321.2	2451.4	2440.8	2451.4	2321.2	2095.0	1783.7	1420.1	1105.5	769.3
-27.5°	1133.2	1239.2	1284.1	1308.8	1284.1	1239.2	1133.2	973.1	740.4	653.8	537.9
-30°	633.9	674.4	701.4	714.8	701.4	674.4	633.9	588.2	520.7	476.8	438.3
-32.5°	466.2	477.3	481.8	475.7	481.8	477.3	466.2	448.5	426.0	403.4	381.8
-35°	387.3	392.8	395.0	397.7	395.0	392.8	387.3	378.8	367.6	353.8	338.5
-37.5°	337.8	343.3	346.0	345.2	346.0	343.3	337.8	330.6	322.7	312.0	302.6
-40°	298.5	302.6	305.0	304.9	305.0	302.6	298.5	293.4	288.5	282.0	274.9
-42.5°	267.0	269.1	269.9	269.6	269.9	269.1	267.0	263.4	259.7	255.4	251.8
-45°	240.7	242.5	243.5	244.0	243.5	242.5	240.7	238.3	237.4	237.3	237.3
-47.5°	222.0	222.4	222.9	223.2	222.9	222.4	222.0	221.3	221.8	222.9	223.0
-50°	208.9	207.8	207.3	207.4	207.3	207.8	208.9	209.6	210.1	210.5	209.8
-52.5°	200.9	200.2	199.9	200.0	199.9	200.2	200.9	201.3	201.4	201.2	200.2
-55°	196.3	196.3	195.9	195.2	195.9	196.3	196.3	195.9	195.3	194.5	193.3
-57.5°	191.5	192.3	192.6	192.7	192.6	192.3	191.5	190.5	189.4	188.2	186.5
-60°	184.6	185.8	186.4	186.6	186.4	185.8	184.6	183.2	181.6	179.5	177.1
-62.5°	170.9	171.4	171.8	172.0	171.8	171.4	170.9	170.1	169.0	167.2	164.9
-65°	156.3	156.8	156.7	156.1	156.7	156.8	156.3	155.5	154.4	152.8	150.5
-67.5°	140.5	140.9	140.8	140.3	140.8	140.9	140.5	139.6	138.5	136.7	134.4
-70°	123.1	123.8	124.3	124.4	124.3	123.8	123.1	122.1	120.8	119.2	117.4
-72.5°	104.9	105.6	106.5	107.3	106.5	105.6	104.9	104.0	102.8	101.3	99.6
-75°	85.6	86.2	87.6	89.0	87.6	86.2	85.6	84.8	83.8	82.5	81.2
-77.5°	67.2	67.9	68.2	68.3	68.2	67.9	67.2	66.3	65.3	64.2	63.3
-80°	49.4	49.7	50.5	51.2	50.5	49.7	49.4	49.0	48.4	47.6	46.5
-82.5°	32.5	32.7	32.9	32.9	32.9	32.7	32.5	32.3	31.9	31.4	30.6
-85°	19.0	19.4	18.9	18.3	18.9	19.4	19.0	18.5	18.1	17.5	17.3
-87.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.0	6.7
-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: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	6.3	5.9	5.5	5.7	5.8	5.9	6.0	5.8	5.6	5.4	5.2
85°	16.9	16.5	16.0	15.6	15.2	14.8	14.3	13.6	12.8	12.1	11.4
82.5°	29.7	28.8	27.9	27.1	26.3	25.4	24.4	23.3	22.0	20.6	19.0
80°	45.2	43.8	42.4	41.2	39.9	38.4	36.7	35.1	33.4	31.8	30.1
77.5°	62.1	60.7	59.1	57.3	55.5	53.6	51.6	49.2	46.8	44.3	41.8
75°	79.6	78.0	76.1	74.1	71.7	69.1	66.4	63.5	60.5	57.3	54.0
72.5°	97.6	95.4	93.0	90.6	88.1	85.3	82.1	78.7	74.9	70.8	66.8
70°	115.2	112.8	110.2	107.3	104.1	100.7	97.3	93.8	90.0	85.7	80.6
67.5°	131.9	129.2	126.4	123.3	119.7	115.8	112.0	107.9	103.7	99.1	93.9
65°	147.9	144.8	141.9	138.7	135.0	130.9	126.6	122.0	117.2	112.1	106.5
62.5°	162.5	160.0	156.8	153.2	149.4	145.4	140.7	135.6	130.4	124.9	118.7
60°	174.6	172.1	169.0	165.7	162.1	158.2	153.4	148.2	142.8	136.8	130.4
57.5°	184.4	182.0	179.2	176.2	173.0	169.0	164.6	159.8	154.2	148.0	141.5
55°	191.8	190.0	187.8	185.2	182.0	178.3	174.3	169.7	164.3	158.7	151.8
52.5°	198.4	196.8	195.0	193.0	190.0	186.3	182.6	178.1	173.3	167.5	161.3
50°	208.3	205.0	202.0	199.2	196.5	193.2	189.2	185.2	180.8	175.5	169.5
47.5°	220.6	215.4	210.2	206.2	202.8	199.2	195.3	191.3	187.2	182.4	176.6
45°	233.4	227.3	220.6	215.1	209.8	205.5	201.4	197.3	193.1	188.3	183.0
42.5°	247.1	240.6	233.1	225.8	218.7	212.9	207.6	203.3	198.7	194.0	188.5
40°	266.2	256.2	248.2	238.7	229.8	221.2	215.4	209.5	204.5	199.2	193.8
37.5°	291.6	279.9	267.5	255.2	243.7	232.7	224.4	217.3	210.5	204.7	198.6
35°	321.0	305.8	290.1	274.8	260.5	247.1	235.2	225.9	218.0	210.6	203.7
32.5°	359.4	337.6	316.8	297.6	278.6	262.3	248.0	235.9	226.2	217.8	209.4
30°	401.5	373.2	346.0	323.5	300.5	279.5	260.7	246.4	235.0	225.3	215.6
27.5°	469.9	415.3	380.5	349.6	323.1	298.7	276.2	255.8	243.2	232.9	222.4
25°	618.4	487.9	424.3	382.8	348.5	317.1	291.3	268.0	250.6	239.3	226.0
22.5°	902.7	654.2	490.5	418.2	376.4	338.9	306.7	280.5	256.4	242.2	228.4
20°	1466.2	908.3	628.3	476.9	407.1	360.1	322.2	292.6	265.9	245.4	230.2
17.5°	2227.6	1402.6	802.6	553.1	448.0	386.6	339.7	303.8	274.5	248.9	231.2
15°	3043.4	1963.7	1167.7	696.7	491.3	409.0	354.2	314.0	282.5	254.2	233.7
12.5°	3974.0	2551.1	1504.6	813.3	542.2	433.9	370.1	325.3	290.4	260.5	237.8
10°	4807.5	3144.7	1893.0	1055.3	627.5	459.0	384.8	335.3	297.8	265.7	241.0
7.5°	5486.9	3704.6	2244.4	1235.6	691.6	478.9	397.2	343.7	303.8	269.6	243.4
5°	5921.2	4117.7	2524.4	1370.6	736.2	492.1	405.6	350.0	308.4	272.0	244.8
2.5°	6228.9	4391.2	2701.6	1449.3	760.0	499.3	411.5	353.8	311.8	274.9	247.2
0°	6244.1	4483.9	2761.6	1517.4	764.8	501.3	415.9	355.0	313.5	276.9	248.8
-2.5°	6228.9	4391.2	2701.6	1449.3	760.0	499.3	411.5	353.8	311.8	274.9	247.2
-5°	5921.2	4117.7	2524.4	1370.6	736.2	492.1	405.6	350.0	308.4	272.0	244.8
-7.5°	5486.9	3704.6	2244.4	1235.6	691.6	478.9	397.2	343.7	303.8	269.6	243.4
-10°	4807.5	3144.7	1893.0	1055.3	627.5	459.0	384.8	335.3	297.8	265.7	241.0
-12.5°	3974.0	2551.1	1504.6	813.3	542.2	433.9	370.1	325.3	290.4	260.5	237.8
-15°	3043.4	1963.7	1167.7	696.7	491.3	409.0	354.2	314.0	282.5	254.2	233.7
-17.5°	2227.6	1402.6	802.6	553.1	448.0	386.6	339.7	303.8	274.5	248.9	231.2
-20°	1466.2	908.3	628.3	476.9	407.1	360.1	322.2	292.6	265.9	245.4	230.2



REPORT NUMBER: P558879 (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°	902.7	654.2	490.5	418.2	376.4	338.9	306.7	280.5	256.4	242.2	228.4
-25°	618.4	487.9	424.3	382.8	348.5	317.1	291.3	268.0	250.6	239.3	226.0
-27.5°	469.9	415.3	380.5	349.6	323.1	298.7	276.2	255.8	243.2	232.9	222.4
-30°	401.5	373.2	346.0	323.5	300.5	279.5	260.7	246.4	235.0	225.3	215.6
-32.5°	359.4	337.6	316.8	297.6	278.6	262.3	248.0	235.9	226.2	217.8	209.4
-35°	321.0	305.8	290.1	274.8	260.5	247.1	235.2	225.9	218.0	210.6	203.7
-37.5°	291.6	279.9	267.5	255.2	243.7	232.7	224.4	217.3	210.5	204.7	198.6
-40°	266.2	256.2	248.2	238.7	229.8	221.2	215.4	209.5	204.5	199.2	193.8
-42.5°	247.1	240.6	233.1	225.8	218.7	212.9	207.6	203.3	198.7	194.0	188.5
-45°	233.4	227.3	220.6	215.1	209.8	205.5	201.4	197.3	193.1	188.3	183.0
-47.5°	220.6	215.4	210.2	206.2	202.8	199.2	195.3	191.3	187.2	182.4	176.6
-50°	208.3	205.0	202.0	199.2	196.5	193.2	189.2	185.2	180.8	175.5	169.5
-52.5°	198.4	196.8	195.0	193.0	190.0	186.3	182.6	178.1	173.3	167.5	161.3
-55°	191.8	190.0	187.8	185.2	182.0	178.3	174.3	169.7	164.3	158.7	151.8
-57.5°	184.4	182.0	179.2	176.2	173.0	169.0	164.6	159.8	154.2	148.0	141.5
-60°	174.6	172.1	169.0	165.7	162.1	158.2	153.4	148.2	142.8	136.8	130.4
-62.5°	162.5	160.0	156.8	153.2	149.4	145.4	140.7	135.6	130.4	124.9	118.7
-65°	147.9	144.8	141.9	138.7	135.0	130.9	126.6	122.0	117.2	112.1	106.5
-67.5°	131.9	129.2	126.4	123.3	119.7	115.8	112.0	107.9	103.7	99.1	93.9
-70°	115.2	112.8	110.2	107.3	104.1	100.7	97.3	93.8	90.0	85.7	80.6
-72.5°	97.6	95.4	93.0	90.6	88.1	85.3	82.1	78.7	74.9	70.8	66.8
-75°	79.6	78.0	76.1	74.1	71.7	69.1	66.4	63.5	60.5	57.3	54.0
-77.5°	62.1	60.7	59.1	57.3	55.5	53.6	51.6	49.2	46.8	44.3	41.8
-80°	45.2	43.8	42.4	41.2	39.9	38.4	36.7	35.1	33.4	31.8	30.1
-82.5°	29.7	28.8	27.9	27.1	26.3	25.4	24.4	23.3	22.0	20.6	19.0
-85°	16.9	16.5	16.0	15.6	15.2	14.8	14.3	13.6	12.8	12.1	11.4
-87.5°	6.3	5.9	5.5	5.7	5.8	5.9	6.0	5.8	5.6	5.4	5.2
-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: P558879 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.8	2.5	2.2
85°	10.8	10.3	9.6	8.9	8.1	7.3	6.7	6.2	5.6	5.0	4.4
82.5°	17.8	16.9	16.1	15.2	14.2	13.1	11.9	10.5	9.0	7.6	6.6
80°	28.2	26.3	24.4	22.5	20.7	18.9	17.3	15.6	13.5	11.5	9.5
77.5°	39.1	36.3	33.4	30.8	28.2	25.7	23.3	20.8	18.0	15.4	12.8
75°	50.5	47.1	43.6	40.0	36.3	32.5	29.4	26.3	22.9	19.3	16.1
72.5°	62.9	58.7	54.2	49.5	45.2	40.7	36.2	31.8	28.0	23.9	19.6
70°	75.6	70.6	65.7	60.1	54.5	49.0	43.8	38.4	33.0	28.5	23.7
67.5°	88.3	82.4	76.6	70.6	64.1	57.7	51.3	45.3	39.2	33.0	27.7
65°	100.4	93.9	87.1	80.4	73.5	66.4	59.2	52.1	45.3	38.4	31.7
62.5°	112.3	105.5	98.0	90.2	82.5	74.8	66.9	59.2	51.3	43.8	36.2
60°	123.7	116.4	108.6	100.0	91.4	83.0	74.5	66.1	57.5	49.0	40.7
57.5°	134.4	127.0	118.5	109.5	100.3	91.0	82.0	72.9	63.7	54.3	45.2
55°	144.6	136.7	127.9	118.6	108.8	98.9	89.3	79.5	69.6	59.6	49.5
52.5°	154.1	145.8	136.7	127.2	117.0	106.6	96.5	85.9	75.4	64.8	54.0
50°	162.6	154.3	145.0	135.2	124.8	114.1	103.5	92.4	81.0	69.8	58.5
47.5°	170.0	161.9	152.7	142.7	132.0	121.3	110.2	98.7	86.5	74.6	62.8
45°	176.4	168.9	159.8	149.7	139.2	128.1	116.5	104.9	92.0	79.3	66.9
42.5°	182.4	175.0	166.3	156.3	145.9	134.6	122.5	110.4	97.4	83.9	70.9
40°	187.5	180.6	172.4	162.6	152.3	141.0	128.3	115.5	102.6	88.3	74.7
37.5°	192.4	185.6	177.5	168.9	158.4	146.7	133.9	120.4	107.3	92.6	78.3
35°	196.9	189.9	182.9	174.4	164.1	152.3	139.3	125.1	111.4	96.7	81.8
32.5°	201.3	194.0	187.0	179.1	169.6	157.6	144.3	129.6	115.2	100.5	85.0
30°	206.3	197.7	190.7	183.4	174.5	162.5	148.7	133.7	118.8	104.1	88.0
27.5°	210.3	200.7	193.9	186.8	178.2	167.0	152.6	137.4	122.1	107.2	90.9
25°	213.6	203.7	196.4	189.6	181.6	170.6	156.2	140.7	125.2	109.9	93.6
22.5°	216.2	206.2	198.3	192.2	184.8	173.9	159.3	143.6	128.0	112.4	95.9
20°	217.7	208.0	199.7	194.4	187.4	176.3	161.9	146.2	130.4	114.6	98.1
17.5°	218.2	209.3	201.5	195.8	189.4	178.7	164.2	148.5	132.4	116.6	100.0
15°	220.2	210.6	202.9	197.0	191.1	181.1	166.2	150.4	134.2	118.4	101.6
12.5°	222.4	211.5	203.8	198.0	192.5	183.4	167.9	152.0	135.6	119.8	103.0
10°	224.3	212.2	204.3	198.8	193.6	185.5	169.2	153.3	137.0	121.0	104.1
7.5°	225.8	212.5	204.4	199.3	194.5	187.2	170.4	154.2	138.2	122.0	105.0
5°	226.9	212.7	204.3	199.7	195.3	188.2	171.3	154.8	139.2	122.7	105.6
2.5°	227.8	212.6	204.1	199.9	195.9	188.9	171.8	155.0	139.9	123.1	106.0
0°	228.1	212.2	203.7	200.0	196.4	189.1	172.0	154.9	140.3	123.2	106.1
-2.5°	227.8	212.6	204.1	199.9	195.9	188.9	171.8	155.0	139.9	123.1	106.0
-5°	226.9	212.7	204.3	199.7	195.3	188.2	171.3	154.8	139.2	122.7	105.6
-7.5°	225.8	212.5	204.4	199.3	194.5	187.2	170.4	154.2	138.2	122.0	105.0
-10°	224.3	212.2	204.3	198.8	193.6	185.5	169.2	153.3	137.0	121.0	104.1
-12.5°	222.4	211.5	203.8	198.0	192.5	183.4	167.9	152.0	135.6	119.8	103.0
-15°	220.2	210.6	202.9	197.0	191.1	181.1	166.2	150.4	134.2	118.4	101.6
-17.5°	218.2	209.3	201.5	195.8	189.4	178.7	164.2	148.5	132.4	116.6	100.0
-20°	217.7	208.0	199.7	194.4	187.4	176.3	161.9	146.2	130.4	114.6	98.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	216.2	206.2	198.3	192.2	184.8	173.9	159.3	143.6	128.0	112.4	95.9
-25°	213.6	203.7	196.4	189.6	181.6	170.6	156.2	140.7	125.2	109.9	93.6
-27.5°	210.3	200.7	193.9	186.8	178.2	167.0	152.6	137.4	122.1	107.2	90.9
-30°	206.3	197.7	190.7	183.4	174.5	162.5	148.7	133.7	118.8	104.1	88.0
-32.5°	201.3	194.0	187.0	179.1	169.6	157.6	144.3	129.6	115.2	100.5	85.0
-35°	196.9	189.9	182.9	174.4	164.1	152.3	139.3	125.1	111.4	96.7	81.8
-37.5°	192.4	185.6	177.5	168.9	158.4	146.7	133.9	120.4	107.3	92.6	78.3
-40°	187.5	180.6	172.4	162.6	152.3	141.0	128.3	115.5	102.6	88.3	74.7
-42.5°	182.4	175.0	166.3	156.3	145.9	134.6	122.5	110.4	97.4	83.9	70.9
-45°	176.4	168.9	159.8	149.7	139.2	128.1	116.5	104.9	92.0	79.3	66.9
-47.5°	170.0	161.9	152.7	142.7	132.0	121.3	110.2	98.7	86.5	74.6	62.8
-50°	162.6	154.3	145.0	135.2	124.8	114.1	103.5	92.4	81.0	69.8	58.5
-52.5°	154.1	145.8	136.7	127.2	117.0	106.6	96.5	85.9	75.4	64.8	54.0
-55°	144.6	136.7	127.9	118.6	108.8	98.9	89.3	79.5	69.6	59.6	49.5
-57.5°	134.4	127.0	118.5	109.5	100.3	91.0	82.0	72.9	63.7	54.3	45.2
-60°	123.7	116.4	108.6	100.0	91.4	83.0	74.5	66.1	57.5	49.0	40.7
-62.5°	112.3	105.5	98.0	90.2	82.5	74.8	66.9	59.2	51.3	43.8	36.2
-65°	100.4	93.9	87.1	80.4	73.5	66.4	59.2	52.1	45.3	38.4	31.7
-67.5°	88.3	82.4	76.6	70.6	64.1	57.7	51.3	45.3	39.2	33.0	27.7
-70°	75.6	70.6	65.7	60.1	54.5	49.0	43.8	38.4	33.0	28.5	23.7
-72.5°	62.9	58.7	54.2	49.5	45.2	40.7	36.2	31.8	28.0	23.9	19.6
-75°	50.5	47.1	43.6	40.0	36.3	32.5	29.4	26.3	22.9	19.3	16.1
-77.5°	39.1	36.3	33.4	30.8	28.2	25.7	23.3	20.8	18.0	15.4	12.8
-80°	28.2	26.3	24.4	22.5	20.7	18.9	17.3	15.6	13.5	11.5	9.5
-82.5°	17.8	16.9	16.1	15.2	14.2	13.1	11.9	10.5	9.0	7.6	6.6
-85°	10.8	10.3	9.6	8.9	8.1	7.3	6.7	6.2	5.6	5.0	4.4
-87.5°	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.8	2.5	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
82.5°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
80°	7.6	6.3	5.0	3.8	2.5	1.3	0.0
77.5°	10.4	8.1	6.3	4.7	3.2	1.6	0.0
75°	13.2	10.5	7.7	5.7	3.8	1.9	0.0
72.5°	16.0	12.9	9.6	6.6	4.4	2.2	0.0
70°	18.9	15.3	11.5	7.6	5.0	2.5	0.0
67.5°	22.4	17.6	13.4	9.0	5.6	2.8	0.0
65°	25.9	20.1	15.3	10.5	6.2	3.1	0.0
62.5°	29.2	22.9	17.2	11.9	6.7	3.4	0.0
60°	32.5	25.6	19.0	13.3	7.3	3.6	0.0
57.5°	36.3	28.3	21.0	14.6	8.2	3.9	0.0
55°	40.0	30.8	23.1	16.0	9.1	4.2	0.0
52.5°	43.6	33.4	25.0	17.2	9.9	4.4	0.0
50°	47.1	36.3	26.9	18.5	10.8	4.7	0.0
47.5°	50.5	39.1	28.7	19.8	11.6	4.9	0.0
45°	54.1	41.8	30.5	21.1	12.3	5.2	0.0
42.5°	57.6	44.4	32.1	22.3	13.1	5.4	0.0
40°	60.9	46.9	33.9	23.5	13.8	5.6	0.0
37.5°	64.0	49.2	35.8	24.6	14.4	5.8	0.0
35°	67.1	51.6	37.5	25.6	15.1	6.0	0.0
32.5°	69.9	54.0	39.2	26.6	15.7	6.2	0.0
30°	72.5	56.2	40.8	27.5	16.2	6.3	0.0
27.5°	74.9	58.3	42.3	28.3	16.7	6.5	0.0
25°	77.1	60.2	43.6	29.1	17.2	6.6	0.0
22.5°	79.2	62.0	44.9	29.8	17.6	6.7	0.0
20°	81.0	63.6	46.1	30.5	18.0	6.9	0.0
17.5°	82.6	65.0	47.2	31.0	18.4	7.0	0.0
15°	84.0	66.2	48.1	31.5	18.7	7.1	0.0
12.5°	85.1	67.2	49.0	31.9	18.9	7.1	0.0
10°	86.1	68.0	49.7	32.3	19.1	7.2	0.0
7.5°	86.8	68.7	50.3	32.6	19.3	7.2	0.0
5°	87.4	69.1	50.7	32.7	19.4	7.3	0.0
2.5°	87.7	69.4	51.0	32.9	19.5	7.3	0.0
0°	87.8	69.5	51.2	32.9	19.5	7.3	0.0
-2.5°	87.7	69.4	51.0	32.9	19.5	7.3	0.0
-5°	87.4	69.1	50.7	32.7	19.4	7.3	0.0
-7.5°	86.8	68.7	50.3	32.6	19.3	7.2	0.0
-10°	86.1	68.0	49.7	32.3	19.1	7.2	0.0
-12.5°	85.1	67.2	49.0	31.9	18.9	7.1	0.0
-15°	84.0	66.2	48.1	31.5	18.7	7.1	0.0
-17.5°	82.6	65.0	47.2	31.0	18.4	7.0	0.0
-20°	81.0	63.6	46.1	30.5	18.0	6.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	79.2	62.0	44.9	29.8	17.6	6.7	0.0
-25°	77.1	60.2	43.6	29.1	17.2	6.6	0.0
-27.5°	74.9	58.3	42.3	28.3	16.7	6.5	0.0
-30°	72.5	56.2	40.8	27.5	16.2	6.3	0.0
-32.5°	69.9	54.0	39.2	26.6	15.7	6.2	0.0
-35°	67.1	51.6	37.5	25.6	15.1	6.0	0.0
-37.5°	64.0	49.2	35.8	24.6	14.4	5.8	0.0
-40°	60.9	46.9	33.9	23.5	13.8	5.6	0.0
-42.5°	57.6	44.4	32.1	22.3	13.1	5.4	0.0
-45°	54.1	41.8	30.5	21.1	12.3	5.2	0.0
-47.5°	50.5	39.1	28.7	19.8	11.6	4.9	0.0
-50°	47.1	36.3	26.9	18.5	10.8	4.7	0.0
-52.5°	43.6	33.4	25.0	17.2	9.9	4.4	0.0
-55°	40.0	30.8	23.1	16.0	9.1	4.2	0.0
-57.5°	36.3	28.3	21.0	14.6	8.2	3.9	0.0
-60°	32.5	25.6	19.0	13.3	7.3	3.6	0.0
-62.5°	29.2	22.9	17.2	11.9	6.7	3.4	0.0
-65°	25.9	20.1	15.3	10.5	6.2	3.1	0.0
-67.5°	22.4	17.6	13.4	9.0	5.6	2.8	0.0
-70°	18.9	15.3	11.5	7.6	5.0	2.5	0.0
-72.5°	16.0	12.9	9.6	6.6	4.4	2.2	0.0
-75°	13.2	10.5	7.7	5.7	3.8	1.9	0.0
-77.5°	10.4	8.1	6.3	4.7	3.2	1.6	0.0
-80°	7.6	6.3	5.0	3.8	2.5	1.3	0.0
-82.5°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)