

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: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559015 (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-SA5B-930-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

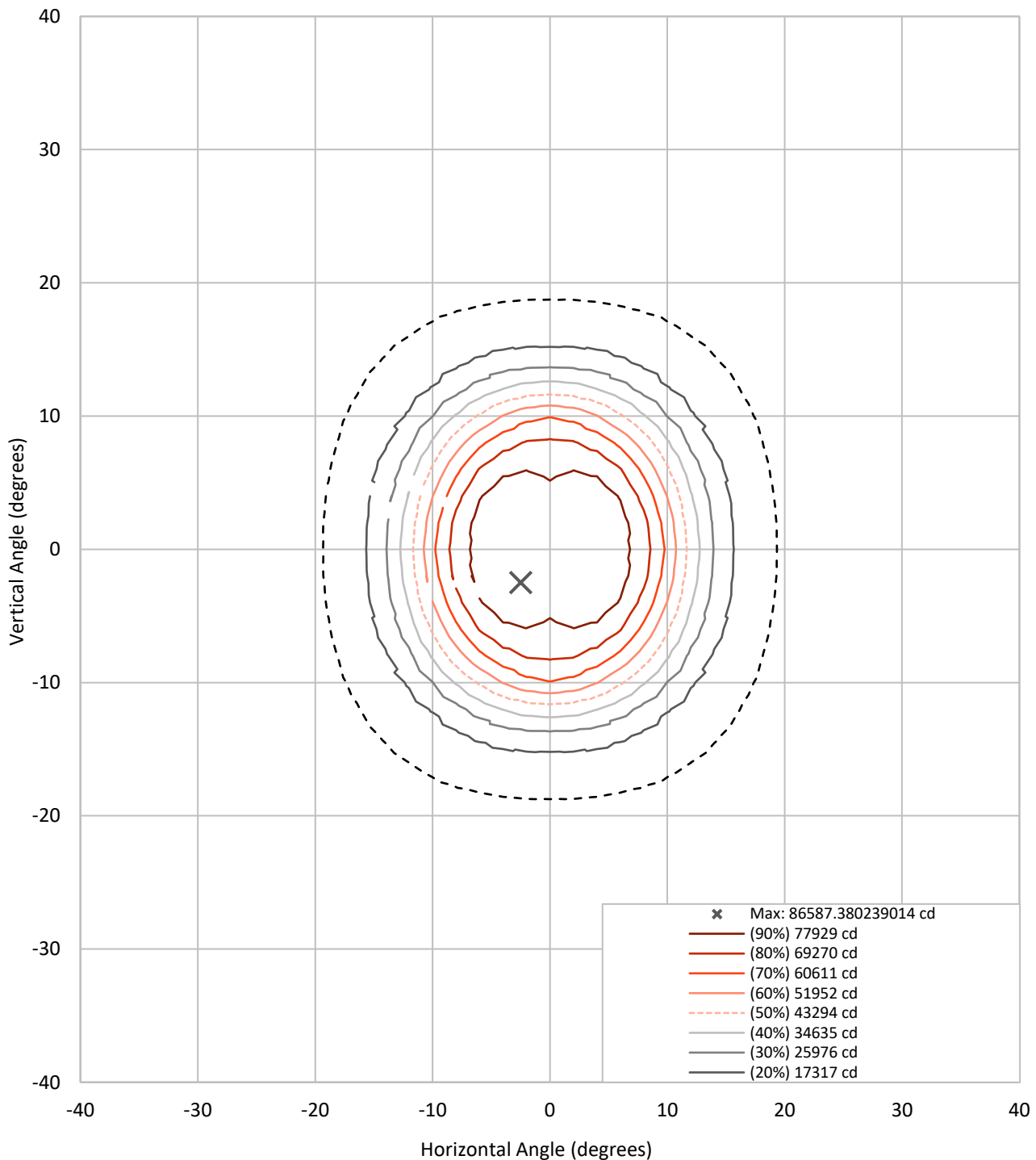
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16373.6 lumens	Max Intensity:	86587.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	106.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8839.6 lumens	Field Lumens:	13330.5 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 154
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





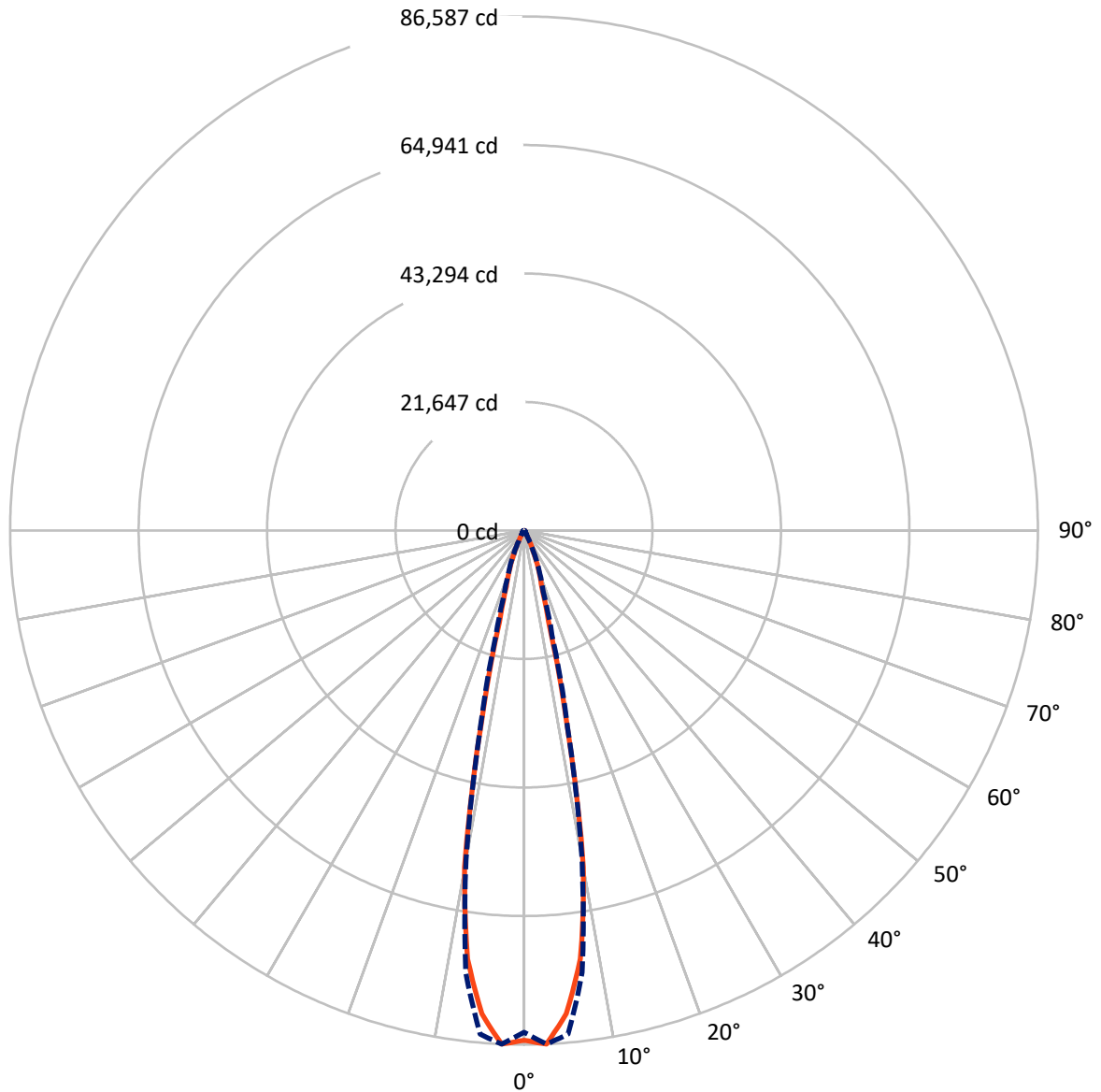
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Lumen Table

90	0.2		1.7		4.4		7.0		8.2		7.0		4.4		1.7		0.2		
80	0.2		1.7		4.4		7.0		8.2		7.0		4.4		1.7		0.2		
70	0.8	0.9	1.8	2.9	3.9	4.9	5.6	5.9	5.9	5.6	4.9	3.9	2.9	1.8	0.9	0.8			
60		1.3	2.6	4.1	5.4	6.5	7.2	7.5	7.5	7.2	6.5	5.4	4.1	2.6	1.3				
50	1.4	1.7	3.3	4.9	6.3	7.7	8.9	9.4	9.4	8.9	7.7	6.3	4.9	3.3	1.7	1.4			
40		2.0	3.8	5.5	7.5	10.2	13.4	16.1	16.1	13.4	10.2	7.5	5.5	3.8	2.0				
30	1.8	2.3	4.1	6.1	9.3	16.7	50.3	98.0	98.0	50.3	16.7	9.3	6.1	4.1	2.3	1.8			
20		2.4	4.3	6.5	11.6	49.7	229.2	589.5	589.5	229.2	49.7	11.6	6.5	4.3	2.4				
10	2.0	2.5	4.4	6.8	13.8	96.7	596.9	2108.9	2108.9	596.9	96.7	13.8	6.8	4.4	2.5	2.0			
0		2.5	4.4	6.8	13.8	96.7	596.9	2108.9	2108.9	596.9	96.7	13.8	6.8	4.4	2.5				
-10	1.8	2.4	4.3	6.5	11.6	49.7	229.2	589.5	589.5	229.2	49.7	11.6	6.5	4.3	2.4	1.8			
-20		2.3	4.1	6.1	9.3	16.7	50.3	98.0	98.0	50.3	16.7	9.3	6.1	4.1	2.3				
-30	1.4	2.0	3.8	5.5	7.5	10.2	13.4	16.1	16.1	13.4	10.2	7.5	5.5	3.8	2.0	1.4			
-40		1.7	3.3	4.9	6.3	7.7	8.9	9.4	9.4	8.9	7.7	6.3	4.9	3.3	1.7				
-50	0.8	1.3	2.6	4.1	5.4	6.5	7.2	7.5	7.5	7.2	6.5	5.4	4.1	2.6	1.3	0.8			
-60		0.9	1.8	2.9	3.9	4.9	5.6	5.9	5.9	5.6	4.9	3.9	2.9	1.8	0.9				
-70	0.2		1.7		4.4		7.0		8.2		7.0		4.4		1.7		0.2		
-80	0.2		1.7		4.4		7.0		8.2		7.0		4.4		1.7		0.2		
-90	0.2		1.7		4.4		7.0		8.2		7.0		4.4		1.7		0.2		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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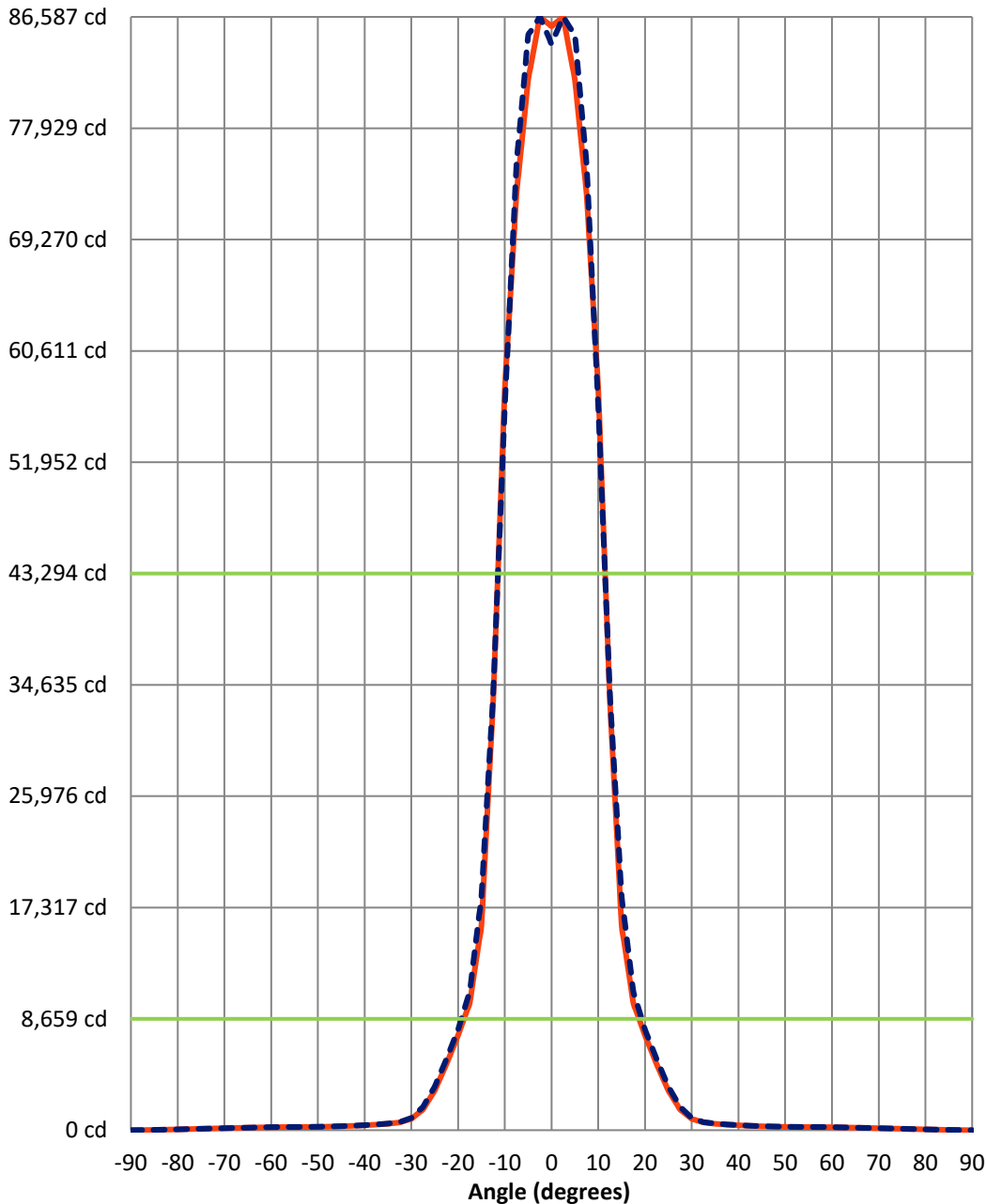
Luminous Intensity Polar Plot



— 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: 8839.6
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 13330.5
Efficiency: 81.4%

Spill:
Lumens: 3043.1
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	11.4	13.2
80°	0.0	1.6	3.2	4.8	6.4	7.9	9.6	12.0	14.5	17.0	19.6
77.5°	0.0	2.0	4.0	6.0	7.9	10.3	13.1	16.2	19.3	22.6	26.1
75°	0.0	2.4	4.8	7.1	9.6	13.3	16.6	20.3	24.2	28.8	33.1
72.5°	0.0	2.8	5.5	8.3	12.1	16.2	20.1	24.6	30.0	35.2	40.0
70°	0.0	3.1	6.3	9.6	14.5	19.2	23.7	29.8	35.8	41.6	48.3
67.5°	0.0	3.5	7.0	11.4	16.9	22.1	28.2	34.9	41.6	49.3	56.9
65°	0.0	3.9	7.8	13.2	19.2	25.3	32.5	39.9	48.3	56.9	65.5
62.5°	0.0	4.2	8.5	15.0	21.6	28.8	36.8	45.5	55.0	64.4	74.3
60°	0.0	4.6	9.2	16.7	23.8	32.2	40.9	51.2	61.5	72.3	83.0
57.5°	0.0	4.9	10.3	18.4	26.4	35.6	45.6	56.8	68.2	80.0	91.5
55°	0.0	5.3	11.4	20.1	29.0	38.8	50.3	62.2	74.9	87.4	99.8
52.5°	0.0	5.6	12.5	21.7	31.5	42.0	54.8	67.9	81.4	94.7	107.9
50°	0.0	5.9	13.6	23.2	33.8	45.7	59.2	73.4	87.6	101.7	116.0
47.5°	0.0	6.2	14.6	24.8	36.1	49.2	63.5	78.8	93.7	108.5	123.9
45°	0.0	6.5	15.5	26.5	38.3	52.6	68.0	84.1	99.6	115.5	131.6
42.5°	0.0	6.8	16.4	28.0	40.4	55.8	72.3	89.1	105.3	122.3	138.6
40°	0.0	7.0	17.3	29.5	42.6	58.9	76.5	93.8	110.8	128.8	145.0
37.5°	0.0	7.3	18.2	30.9	45.0	61.8	80.4	98.4	116.3	134.7	151.2
35°	0.0	7.5	19.0	32.2	47.2	64.9	84.3	102.7	121.4	139.8	157.0
32.5°	0.0	7.8	19.7	33.4	49.3	67.8	87.8	106.7	126.2	144.6	162.7
30°	0.0	8.0	20.4	34.6	51.2	70.6	91.1	110.6	130.6	149.1	167.9
27.5°	0.0	8.2	21.0	35.6	53.1	73.2	94.1	114.2	134.6	153.4	172.5
25°	0.0	8.3	21.6	36.6	54.8	75.6	96.9	117.5	138.0	157.2	176.7
22.5°	0.0	8.5	22.2	37.5	56.5	77.9	99.4	120.5	141.1	160.7	180.3
20°	0.0	8.6	22.7	38.3	57.9	79.9	101.8	123.2	143.9	163.7	183.6
17.5°	0.0	8.8	23.1	39.0	59.3	81.6	103.8	125.5	146.4	166.3	186.4
15°	0.0	8.9	23.5	39.7	60.5	83.2	105.5	127.6	148.6	168.4	188.8
12.5°	0.0	9.0	23.8	40.2	61.5	84.4	107.0	129.3	150.5	170.2	190.8
10°	0.0	9.1	24.0	40.6	62.4	85.5	108.2	130.7	152.0	172.0	192.5
7.5°	0.0	9.1	24.2	41.0	63.1	86.3	109.1	131.8	153.2	173.5	193.7
5°	0.0	9.2	24.4	41.2	63.7	86.8	109.8	132.6	154.0	174.7	194.4
2.5°	0.0	9.2	24.5	41.4	64.1	87.2	110.2	133.0	154.5	175.6	194.7
0°	0.0	9.2	24.5	41.4	64.3	87.3	110.3	133.2	154.7	176.1	194.5
-2.5°	0.0	9.2	24.5	41.4	64.3	87.3	110.3	133.2	154.7	176.1	194.5
-5°	0.0	9.2	24.4	41.2	63.7	86.8	109.8	132.6	154.0	174.7	194.4
-7.5°	0.0	9.1	24.2	41.0	63.1	86.3	109.1	131.8	153.2	173.5	193.7
-10°	0.0	9.1	24.0	40.6	62.4	85.5	108.2	130.7	152.0	172.0	192.5
-12.5°	0.0	9.0	23.8	40.2	61.5	84.4	107.0	129.3	150.5	170.2	190.8
-15°	0.0	8.9	23.5	39.7	60.5	83.2	105.5	127.6	148.6	168.4	188.8
-17.5°	0.0	8.8	23.1	39.0	59.3	81.6	103.8	125.5	146.4	166.3	186.4
-20°	0.0	8.6	22.7	38.3	57.9	79.9	101.8	123.2	143.9	163.7	183.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.5	22.2	37.5	56.5	77.9	99.4	120.5	141.1	160.7	180.3
-25°	0.0	8.3	21.6	36.6	54.8	75.6	96.9	117.5	138.0	157.2	176.7
-27.5°	0.0	8.2	21.0	35.6	53.1	73.2	94.1	114.2	134.6	153.4	172.5
-30°	0.0	8.0	20.4	34.6	51.2	70.6	91.1	110.6	130.6	149.1	167.9
-32.5°	0.0	7.8	19.7	33.4	49.3	67.8	87.8	106.7	126.2	144.6	162.7
-35°	0.0	7.5	19.0	32.2	47.2	64.9	84.3	102.7	121.4	139.8	157.0
-37.5°	0.0	7.3	18.2	30.9	45.0	61.8	80.4	98.4	116.3	134.7	151.2
-40°	0.0	7.0	17.3	29.5	42.6	58.9	76.5	93.8	110.8	128.8	145.0
-42.5°	0.0	6.8	16.4	28.0	40.4	55.8	72.3	89.1	105.3	122.3	138.6
-45°	0.0	6.5	15.5	26.5	38.3	52.6	68.0	84.1	99.6	115.5	131.6
-47.5°	0.0	6.2	14.6	24.8	36.1	49.2	63.5	78.8	93.7	108.5	123.9
-50°	0.0	5.9	13.6	23.2	33.8	45.7	59.2	73.4	87.6	101.7	116.0
-52.5°	0.0	5.6	12.5	21.7	31.5	42.0	54.8	67.9	81.4	94.7	107.9
-55°	0.0	5.3	11.4	20.1	29.0	38.8	50.3	62.2	74.9	87.4	99.8
-57.5°	0.0	4.9	10.3	18.4	26.4	35.6	45.6	56.8	68.2	80.0	91.5
-60°	0.0	4.6	9.2	16.7	23.8	32.2	40.9	51.2	61.5	72.3	83.0
-62.5°	0.0	4.2	8.5	15.0	21.6	28.8	36.8	45.5	55.0	64.4	74.3
-65°	0.0	3.9	7.8	13.2	19.2	25.3	32.5	39.9	48.3	56.9	65.5
-67.5°	0.0	3.5	7.0	11.4	16.9	22.1	28.2	34.9	41.6	49.3	56.9
-70°	0.0	3.1	6.3	9.6	14.5	19.2	23.7	29.8	35.8	41.6	48.3
-72.5°	0.0	2.8	5.5	8.3	12.1	16.2	20.1	24.6	30.0	35.2	40.0
-75°	0.0	2.4	4.8	7.1	9.6	13.3	16.6	20.3	24.2	28.8	33.1
-77.5°	0.0	2.0	4.0	6.0	7.9	10.3	13.1	16.2	19.3	22.6	26.1
-80°	0.0	1.6	3.2	4.8	6.4	7.9	9.6	12.0	14.5	17.0	19.6
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	11.4	13.2
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-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°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
85°	8.5	9.2	10.2	11.2	12.1	12.9	13.6	14.2	15.2	16.1	17.0
82.5°	14.9	16.4	17.8	19.1	20.3	21.3	22.3	23.8	25.8	27.6	29.2
80°	21.8	23.7	26.0	28.3	30.7	33.0	35.4	37.8	40.0	41.9	44.0
77.5°	29.3	32.4	35.5	38.7	42.0	45.7	49.2	52.6	55.7	58.8	61.8
75°	37.0	40.9	45.6	50.3	54.8	59.2	63.5	67.8	72.0	76.0	79.8
72.5°	45.5	51.2	56.8	62.2	68.1	73.8	79.0	83.9	89.0	94.1	98.9
70°	55.0	61.5	68.4	75.5	82.5	88.7	94.9	101.3	107.6	113.1	117.8
67.5°	64.4	72.5	80.6	88.6	96.2	103.5	110.9	118.0	124.5	130.2	135.6
65°	74.3	83.4	92.3	101.0	109.4	118.0	126.1	133.7	140.8	147.2	153.2
62.5°	84.1	93.9	103.6	113.2	123.1	132.5	141.0	149.1	156.8	163.7	170.3
60°	93.6	104.2	114.8	125.6	136.4	146.2	155.3	163.8	171.7	179.4	186.1
57.5°	102.9	114.3	125.9	137.6	148.7	159.5	168.7	177.7	185.9	193.6	200.7
55°	112.0	124.1	136.6	148.9	160.6	171.6	181.6	190.6	199.2	206.3	213.0
52.5°	121.1	133.8	146.9	159.7	171.6	183.0	193.4	202.4	210.3	217.5	223.5
50°	130.0	143.3	156.8	169.7	182.1	193.7	204.1	212.8	220.3	226.9	232.5
47.5°	138.4	152.4	165.7	179.2	191.7	203.2	213.4	221.6	229.0	235.0	240.2
45°	146.3	160.9	174.7	187.9	200.6	212.0	221.4	229.7	236.5	242.5	247.8
42.5°	153.8	169.1	183.1	196.2	208.8	219.7	229.0	236.7	243.6	249.5	255.3
40°	161.1	177.0	191.2	204.1	216.4	226.7	235.4	243.3	250.1	256.8	263.1
37.5°	168.2	184.2	198.9	212.1	222.8	233.0	241.6	249.3	257.0	264.3	272.8
35°	174.9	191.2	206.0	218.9	229.6	238.4	247.2	255.7	264.5	273.8	283.7
32.5°	181.2	197.9	212.9	224.8	234.7	243.7	252.7	262.9	273.4	284.0	296.2
30°	186.7	204.0	219.1	230.2	239.4	248.3	259.0	270.7	282.9	295.1	309.4
27.5°	191.6	209.6	223.8	234.5	243.5	252.1	264.0	279.1	292.4	305.4	321.1
25°	196.1	214.2	228.0	238.1	246.6	255.8	268.2	283.7	300.5	314.7	336.5
22.5°	199.9	218.3	232.0	241.4	249.0	258.9	271.5	286.8	304.1	321.9	352.1
20°	203.3	221.3	235.3	244.1	250.9	261.1	273.3	289.0	308.1	333.9	367.4
17.5°	206.2	224.4	237.8	245.9	253.1	262.8	273.9	290.2	312.5	344.7	381.4
15°	208.7	227.4	239.9	247.4	254.8	264.4	276.5	293.5	319.1	354.7	394.3
12.5°	210.7	230.2	241.7	248.6	256.0	265.6	279.2	298.6	327.1	364.6	408.4
10°	212.4	232.9	243.0	249.6	256.6	266.4	281.6	302.7	333.6	373.9	421.0
7.5°	213.8	235.0	244.1	250.3	256.7	266.8	283.5	305.6	338.4	381.5	431.5
5°	215.0	236.3	245.1	250.9	256.6	267.0	284.9	307.4	341.5	387.2	439.4
2.5°	215.7	237.1	246.0	251.1	256.3	266.9	286.0	310.4	345.2	391.5	444.2
0°	215.9	237.4	246.6	251.2	255.8	266.5	286.4	312.4	347.7	393.6	445.7
-2.5°	215.7	237.1	246.0	251.1	256.3	266.9	286.0	310.4	345.2	391.5	444.2
-5°	215.0	236.3	245.1	250.9	256.6	267.0	284.9	307.4	341.5	387.2	439.4
-7.5°	213.8	235.0	244.1	250.3	256.7	266.8	283.5	305.6	338.4	381.5	431.5
-10°	212.4	232.9	243.0	249.6	256.6	266.4	281.6	302.7	333.6	373.9	421.0
-12.5°	210.7	230.2	241.7	248.6	256.0	265.6	279.2	298.6	327.1	364.6	408.4
-15°	208.7	227.4	239.9	247.4	254.8	264.4	276.5	293.5	319.1	354.7	394.3
-17.5°	206.2	224.4	237.8	245.9	253.1	262.8	273.9	290.2	312.5	344.7	381.4
-20°	203.3	221.3	235.3	244.1	250.9	261.1	273.3	289.0	308.1	333.9	367.4



REPORT NUMBER: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-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°	199.9	218.3	232.0	241.4	249.0	258.9	271.5	286.8	304.1	321.9	352.1
-25°	196.1	214.2	228.0	238.1	246.6	255.8	268.2	283.7	300.5	314.7	336.5
-27.5°	191.6	209.6	223.8	234.5	243.5	252.1	264.0	279.1	292.4	305.4	321.1
-30°	186.7	204.0	219.1	230.2	239.4	248.3	259.0	270.7	282.9	295.1	309.4
-32.5°	181.2	197.9	212.9	224.8	234.7	243.7	252.7	262.9	273.4	284.0	296.2
-35°	174.9	191.2	206.0	218.9	229.6	238.4	247.2	255.7	264.5	273.8	283.7
-37.5°	168.2	184.2	198.9	212.1	222.8	233.0	241.6	249.3	257.0	264.3	272.8
-40°	161.1	177.0	191.2	204.1	216.4	226.7	235.4	243.3	250.1	256.8	263.1
-42.5°	153.8	169.1	183.1	196.2	208.8	219.7	229.0	236.7	243.6	249.5	255.3
-45°	146.3	160.9	174.7	187.9	200.6	212.0	221.4	229.7	236.5	242.5	247.8
-47.5°	138.4	152.4	165.7	179.2	191.7	203.2	213.4	221.6	229.0	235.0	240.2
-50°	130.0	143.3	156.8	169.7	182.1	193.7	204.1	212.8	220.3	226.9	232.5
-52.5°	121.1	133.8	146.9	159.7	171.6	183.0	193.4	202.4	210.3	217.5	223.5
-55°	112.0	124.1	136.6	148.9	160.6	171.6	181.6	190.6	199.2	206.3	213.0
-57.5°	102.9	114.3	125.9	137.6	148.7	159.5	168.7	177.7	185.9	193.6	200.7
-60°	93.6	104.2	114.8	125.6	136.4	146.2	155.3	163.8	171.7	179.4	186.1
-62.5°	84.1	93.9	103.6	113.2	123.1	132.5	141.0	149.1	156.8	163.7	170.3
-65°	74.3	83.4	92.3	101.0	109.4	118.0	126.1	133.7	140.8	147.2	153.2
-67.5°	64.4	72.5	80.6	88.6	96.2	103.5	110.9	118.0	124.5	130.2	135.6
-70°	55.0	61.5	68.4	75.5	82.5	88.7	94.9	101.3	107.6	113.1	117.8
-72.5°	45.5	51.2	56.8	62.2	68.1	73.8	79.0	83.9	89.0	94.1	98.9
-75°	37.0	40.9	45.6	50.3	54.8	59.2	63.5	67.8	72.0	76.0	79.8
-77.5°	29.3	32.4	35.5	38.7	42.0	45.7	49.2	52.6	55.7	58.8	61.8
-80°	21.8	23.7	26.0	28.3	30.7	33.0	35.4	37.8	40.0	41.9	44.0
-82.5°	14.9	16.4	17.8	19.1	20.3	21.3	22.3	23.8	25.8	27.6	29.2
-85°	8.5	9.2	10.2	11.2	12.1	12.9	13.6	14.2	15.2	16.1	17.0
-87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	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: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.4	7.3	7.2	7.0	7.5	7.9	8.4	8.9	9.0	9.1
85°	18.0	18.6	19.1	19.6	20.1	20.7	21.2	21.7	22.1	22.7	23.3
82.5°	30.6	31.9	33.0	34.1	35.1	36.2	37.4	38.5	39.5	40.1	40.6
80°	46.1	48.2	50.1	51.7	53.2	55.0	56.8	58.4	59.8	60.8	61.5
77.5°	64.8	67.3	69.7	72.0	74.2	76.3	78.0	79.4	80.5	81.9	83.3
75°	83.4	86.9	90.1	93.0	95.6	97.9	100.0	101.9	103.6	105.2	106.5
72.5°	103.2	107.1	110.6	113.8	116.8	119.8	122.6	125.0	127.2	129.0	130.5
70°	122.2	126.4	130.7	134.7	138.3	141.7	144.7	147.3	149.7	151.7	153.3
67.5°	140.6	145.4	150.3	154.8	158.8	162.3	165.7	168.8	171.7	173.9	175.3
65°	158.9	164.3	169.5	174.1	178.2	181.9	185.7	189.0	191.8	193.9	195.3
62.5°	176.7	182.5	187.6	192.3	196.9	200.8	204.0	207.1	209.9	212.2	213.6
60°	192.6	198.6	203.5	208.0	212.2	216.0	219.2	222.4	225.4	228.1	230.0
57.5°	206.6	212.2	217.2	221.2	225.0	228.4	231.5	234.2	236.2	237.8	239.2
55°	218.8	223.8	228.5	232.5	235.7	238.5	240.8	242.7	244.1	245.2	246.0
52.5°	229.2	233.9	238.5	242.4	244.9	247.2	249.2	251.4	252.7	252.9	252.8
50°	237.6	242.5	246.7	250.2	253.6	257.4	261.5	263.5	264.3	263.7	263.1
47.5°	245.3	250.1	254.7	259.0	264.0	270.4	277.0	280.1	279.8	278.4	277.8
45°	252.9	258.1	263.4	270.0	277.0	285.4	293.1	297.9	297.9	298.0	299.1
42.5°	260.7	267.2	274.5	283.5	292.7	302.1	310.2	316.3	320.7	326.1	330.6
40°	270.4	277.7	288.6	299.7	311.6	321.6	334.3	345.1	354.0	362.1	368.3
37.5°	281.8	292.2	306.0	320.3	335.8	351.3	366.1	379.9	391.7	405.1	415.1
35°	295.4	310.3	327.1	345.0	364.2	384.0	403.0	425.0	444.2	461.5	475.6
32.5°	311.3	329.3	349.8	373.6	397.7	423.8	451.1	479.3	506.5	534.8	563.1
30°	327.3	351.0	377.3	406.2	434.4	468.5	504.1	550.2	598.6	653.8	738.6
27.5°	346.8	375.1	405.7	438.9	477.8	521.4	589.9	675.2	820.8	929.6	1221.7
25°	365.8	398.2	437.5	480.6	532.8	612.6	776.4	965.9	1388.0	1783.1	2239.5
22.5°	385.2	425.5	472.6	525.1	615.9	821.4	1133.4	1704.8	2356.7	3048.7	3753.5
20°	404.6	452.1	511.1	598.9	789.0	1140.5	1840.9	2759.0	3685.4	4817.0	5795.7
17.5°	426.6	485.4	562.5	694.5	1007.7	1761.0	2796.9	4071.0	5504.5	6959.3	8180.9
15°	444.6	513.5	616.9	874.9	1466.1	2465.5	3821.2	5548.1	7502.8	9342.1	10910.9
12.5°	464.6	544.8	680.8	1021.1	1889.1	3203.1	4989.6	7114.8	9459.8	11979.9	15970.2
10°	483.1	576.3	787.8	1324.9	2376.7	3948.3	6036.0	8430.6	11274.4	16320.2	25752.8
7.5°	498.6	601.3	868.4	1551.4	2818.0	4651.4	6889.0	9555.6	13831.2	22308.5	38181.2
5°	509.2	617.9	924.3	1720.8	3169.5	5170.1	7434.4	10296.5	16439.7	29628.4	48740.7
2.5°	516.6	626.8	954.2	1819.6	3391.9	5513.5	7820.7	10795.0	18191.1	33862.4	56254.9
0°	522.2	629.4	960.3	1905.2	3467.3	5629.8	7839.8	10928.8	18791.6	35515.6	58932.3
-2.5°	516.6	626.8	954.2	1819.6	3391.9	5513.5	7820.7	10795.0	18191.1	33862.4	56254.9
-5°	509.2	617.9	924.3	1720.8	3169.5	5170.1	7434.4	10296.5	16439.7	29628.4	48740.7
-7.5°	498.6	601.3	868.4	1551.4	2818.0	4651.4	6889.0	9555.6	13831.2	22308.5	38181.2
-10°	483.1	576.3	787.8	1324.9	2376.7	3948.3	6036.0	8430.6	11274.4	16320.2	25752.8
-12.5°	464.6	544.8	680.8	1021.1	1889.1	3203.1	4989.6	7114.8	9459.8	11979.9	15970.2
-15°	444.6	513.5	616.9	874.9	1466.1	2465.5	3821.2	5548.1	7502.8	9342.1	10910.9
-17.5°	426.6	485.4	562.5	694.5	1007.7	1761.0	2796.9	4071.0	5504.5	6959.3	8180.9
-20°	404.6	452.1	511.1	598.9	789.0	1140.5	1840.9	2759.0	3685.4	4817.0	5795.7



REPORT NUMBER: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	385.2	425.5	472.6	525.1	615.9	821.4	1133.4	1704.8	2356.7	3048.7	3753.5
-25°	365.8	398.2	437.5	480.6	532.8	612.6	776.4	965.9	1388.0	1783.1	2239.5
-27.5°	346.8	375.1	405.7	438.9	477.8	521.4	589.9	675.2	820.8	929.6	1221.7
-30°	327.3	351.0	377.3	406.2	434.4	468.5	504.1	550.2	598.6	653.8	738.6
-32.5°	311.3	329.3	349.8	373.6	397.7	423.8	451.1	479.3	506.5	534.8	563.1
-35°	295.4	310.3	327.1	345.0	364.2	384.0	403.0	425.0	444.2	461.5	475.6
-37.5°	281.8	292.2	306.0	320.3	335.8	351.3	366.1	379.9	391.7	405.1	415.1
-40°	270.4	277.7	288.6	299.7	311.6	321.6	334.3	345.1	354.0	362.1	368.3
-42.5°	260.7	267.2	274.5	283.5	292.7	302.1	310.2	316.3	320.7	326.1	330.6
-45°	252.9	258.1	263.4	270.0	277.0	285.4	293.1	297.9	297.9	298.0	299.1
-47.5°	245.3	250.1	254.7	259.0	264.0	270.4	277.0	280.1	279.8	278.4	277.8
-50°	237.6	242.5	246.7	250.2	253.6	257.4	261.5	263.5	264.3	263.7	263.1
-52.5°	229.2	233.9	238.5	242.4	244.9	247.2	249.2	251.4	252.7	252.9	252.8
-55°	218.8	223.8	228.5	232.5	235.7	238.5	240.8	242.7	244.1	245.2	246.0
-57.5°	206.6	212.2	217.2	221.2	225.0	228.4	231.5	234.2	236.2	237.8	239.2
-60°	192.6	198.6	203.5	208.0	212.2	216.0	219.2	222.4	225.4	228.1	230.0
-62.5°	176.7	182.5	187.6	192.3	196.9	200.8	204.0	207.1	209.9	212.2	213.6
-65°	158.9	164.3	169.5	174.1	178.2	181.9	185.7	189.0	191.8	193.9	195.3
-67.5°	140.6	145.4	150.3	154.8	158.8	162.3	165.7	168.8	171.7	173.9	175.3
-70°	122.2	126.4	130.7	134.7	138.3	141.7	144.7	147.3	149.7	151.7	153.3
-72.5°	103.2	107.1	110.6	113.8	116.8	119.8	122.6	125.0	127.2	129.0	130.5
-75°	83.4	86.9	90.1	93.0	95.6	97.9	100.0	101.9	103.6	105.2	106.5
-77.5°	64.8	67.3	69.7	72.0	74.2	76.3	78.0	79.4	80.5	81.9	83.3
-80°	46.1	48.2	50.1	51.7	53.2	55.0	56.8	58.4	59.8	60.8	61.5
-82.5°	30.6	31.9	33.0	34.1	35.1	36.2	37.4	38.5	39.5	40.1	40.6
-85°	18.0	18.6	19.1	19.6	20.1	20.7	21.2	21.7	22.1	22.7	23.3
-87.5°	7.5	7.4	7.3	7.2	7.0	7.5	7.9	8.4	8.9	9.0	9.1
-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: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-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°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.4
85°	23.9	24.4	23.7	23.0	23.7	24.4	23.9	23.3	22.7	22.1	21.7
82.5°	41.0	41.2	41.3	41.4	41.3	41.2	41.0	40.6	40.1	39.5	38.5
80°	62.1	62.5	63.5	64.3	63.5	62.5	62.1	61.5	60.8	59.8	58.4
77.5°	84.4	85.3	85.7	85.8	85.7	85.3	84.4	83.3	81.9	80.5	79.4
75°	107.5	108.2	110.1	111.8	110.1	108.2	107.5	106.5	105.2	103.6	101.9
72.5°	131.7	132.5	133.8	134.8	133.8	132.5	131.7	130.5	129.0	127.2	125.0
70°	154.6	155.5	156.0	156.2	156.0	155.5	154.6	153.3	151.7	149.7	147.3
67.5°	176.4	177.0	176.8	176.1	176.8	177.0	176.4	175.3	173.9	171.7	168.8
65°	196.3	196.9	196.7	196.0	196.7	196.9	196.3	195.3	193.9	191.8	189.0
62.5°	214.6	215.2	215.7	215.9	215.7	215.2	214.6	213.6	212.2	209.9	207.1
60°	231.8	233.3	234.1	234.3	234.1	233.3	231.8	230.0	228.1	225.4	222.4
57.5°	240.4	241.4	241.9	242.0	241.9	241.4	240.4	239.2	237.8	236.2	234.2
55°	246.4	246.5	245.9	245.0	245.9	246.5	246.4	246.0	245.2	244.1	242.7
52.5°	252.3	251.5	251.1	251.2	251.1	251.5	252.3	252.8	252.9	252.7	251.4
50°	262.3	260.8	260.2	260.4	260.2	260.8	262.3	263.1	263.7	264.3	263.5
47.5°	278.7	279.3	279.9	280.3	279.9	279.3	278.7	277.8	278.4	279.8	280.1
45°	302.2	304.4	305.7	306.3	305.7	304.4	302.2	299.1	298.0	297.9	297.9
42.5°	335.2	337.8	338.8	338.5	338.8	337.8	335.2	330.6	326.1	320.7	316.3
40°	374.8	379.9	382.9	382.9	382.9	379.9	374.8	368.3	362.1	354.0	345.1
37.5°	424.1	431.0	434.5	433.4	434.5	431.0	424.1	415.1	405.1	391.7	379.9
35°	486.3	493.1	496.0	499.3	496.0	493.1	486.3	475.6	461.5	444.2	425.0
32.5°	585.4	599.3	604.8	597.3	604.8	599.3	585.4	563.1	534.8	506.5	479.3
30°	795.9	846.7	880.7	897.5	880.7	846.7	795.9	738.6	653.8	598.6	550.2
27.5°	1422.8	1555.9	1612.2	1643.3	1612.2	1555.9	1422.8	1221.7	929.6	820.8	675.2
25°	2630.4	2914.4	3077.8	3064.5	3077.8	2914.4	2630.4	2239.5	1783.1	1388.0	965.9
22.5°	4408.4	4856.5	5125.2	5224.0	5125.2	4856.5	4408.4	3753.5	3048.7	2356.7	1704.8
20°	6612.6	7115.0	7377.7	7417.1	7377.7	7115.0	6612.6	5795.7	4817.0	3685.4	2759.0
17.5°	9142.3	9618.6	9895.4	9892.0	9895.4	9618.6	9142.3	8180.9	6959.3	5504.5	4071.0
15°	13047.7	14891.4	15930.9	15779.1	15930.9	14891.4	13047.7	10910.9	9342.1	7502.8	5548.1
12.5°	21379.5	28743.3	33311.0	34439.0	33311.0	28743.3	21379.5	15970.2	11979.9	9459.8	7114.8
10°	37780.5	48797.1	57595.1	60137.6	57595.1	48797.1	37780.5	25752.8	16320.2	11274.4	8430.6
7.5°	54344.7	67419.7	72800.6	73425.7	72800.6	67419.7	54344.7	38181.2	22308.5	13831.2	9555.6
5°	66847.5	80151.7	81691.6	77823.4	81691.6	80151.7	66847.5	48740.7	29628.4	16439.7	10296.5
2.5°	75100.5	85151.9	86587.4	84505.4	86587.4	85151.9	75100.5	56254.9	33862.4	18191.1	10795.0
0°	76982.6	83822.3	85861.5	86084.4	85861.5	83822.3	76982.6	58932.3	35515.6	18791.6	10928.8
-2.5°	75100.5	85151.9	86587.4	84505.4	86587.4	85151.9	75100.5	56254.9	33862.4	18191.1	10795.0
-5°	66847.5	80151.7	81691.6	77823.4	81691.6	80151.7	66847.5	48740.7	29628.4	16439.7	10296.5
-7.5°	54344.7	67419.7	72800.6	73425.7	72800.6	67419.7	54344.7	38181.2	22308.5	13831.2	9555.6
-10°	37780.5	48797.1	57595.1	60137.6	57595.1	48797.1	37780.5	25752.8	16320.2	11274.4	8430.6
-12.5°	21379.5	28743.3	33311.0	34439.0	33311.0	28743.3	21379.5	15970.2	11979.9	9459.8	7114.8
-15°	13047.7	14891.4	15930.9	15779.1	15930.9	14891.4	13047.7	10910.9	9342.1	7502.8	5548.1
-17.5°	9142.3	9618.6	9895.4	9892.0	9895.4	9618.6	9142.3	8180.9	6959.3	5504.5	4071.0
-20°	6612.6	7115.0	7377.7	7417.1	7377.7	7115.0	6612.6	5795.7	4817.0	3685.4	2759.0



REPORT NUMBER: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-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°	4408.4	4856.5	5125.2	5224.0	5125.2	4856.5	4408.4	3753.5	3048.7	2356.7	1704.8
-25°	2630.4	2914.4	3077.8	3064.5	3077.8	2914.4	2630.4	2239.5	1783.1	1388.0	965.9
-27.5°	1422.8	1555.9	1612.2	1643.3	1612.2	1555.9	1422.8	1221.7	929.6	820.8	675.2
-30°	795.9	846.7	880.7	897.5	880.7	846.7	795.9	738.6	653.8	598.6	550.2
-32.5°	585.4	599.3	604.8	597.3	604.8	599.3	585.4	563.1	534.8	506.5	479.3
-35°	486.3	493.1	496.0	499.3	496.0	493.1	486.3	475.6	461.5	444.2	425.0
-37.5°	424.1	431.0	434.5	433.4	434.5	431.0	424.1	415.1	405.1	391.7	379.9
-40°	374.8	379.9	382.9	382.9	382.9	379.9	374.8	368.3	362.1	354.0	345.1
-42.5°	335.2	337.8	338.8	338.5	338.8	337.8	335.2	330.6	326.1	320.7	316.3
-45°	302.2	304.4	305.7	306.3	305.7	304.4	302.2	299.1	298.0	297.9	297.9
-47.5°	278.7	279.3	279.9	280.3	279.9	279.3	278.7	277.8	278.4	279.8	280.1
-50°	262.3	260.8	260.2	260.4	260.2	260.8	262.3	263.1	263.7	264.3	263.5
-52.5°	252.3	251.5	251.1	251.2	251.1	251.5	252.3	252.8	252.9	252.7	251.4
-55°	246.4	246.5	245.9	245.0	245.9	246.5	246.4	246.0	245.2	244.1	242.7
-57.5°	240.4	241.4	241.9	242.0	241.9	241.4	240.4	239.2	237.8	236.2	234.2
-60°	231.8	233.3	234.1	234.3	234.1	233.3	231.8	230.0	228.1	225.4	222.4
-62.5°	214.6	215.2	215.7	215.9	215.7	215.2	214.6	213.6	212.2	209.9	207.1
-65°	196.3	196.9	196.7	196.0	196.7	196.9	196.3	195.3	193.9	191.8	189.0
-67.5°	176.4	177.0	176.8	176.1	176.8	177.0	176.4	175.3	173.9	171.7	168.8
-70°	154.6	155.5	156.0	156.2	156.0	155.5	154.6	153.3	151.7	149.7	147.3
-72.5°	131.7	132.5	133.8	134.8	133.8	132.5	131.7	130.5	129.0	127.2	125.0
-75°	107.5	108.2	110.1	111.8	110.1	108.2	107.5	106.5	105.2	103.6	101.9
-77.5°	84.4	85.3	85.7	85.8	85.7	85.3	84.4	83.3	81.9	80.5	79.4
-80°	62.1	62.5	63.5	64.3	63.5	62.5	62.1	61.5	60.8	59.8	58.4
-82.5°	41.0	41.2	41.3	41.4	41.3	41.2	41.0	40.6	40.1	39.5	38.5
-85°	23.9	24.4	23.7	23.0	23.7	24.4	23.9	23.3	22.7	22.1	21.7
-87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.4
-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: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-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°	7.9	7.5	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
85°	21.2	20.7	20.1	19.6	19.1	18.6	18.0	17.0	16.1	15.2	14.2
82.5°	37.4	36.2	35.1	34.1	33.0	31.9	30.6	29.2	27.6	25.8	23.8
80°	56.8	55.0	53.2	51.7	50.1	48.2	46.1	44.0	41.9	40.0	37.8
77.5°	78.0	76.3	74.2	72.0	69.7	67.3	64.8	61.8	58.8	55.7	52.6
75°	100.0	97.9	95.6	93.0	90.1	86.9	83.4	79.8	76.0	72.0	67.8
72.5°	122.6	119.8	116.8	113.8	110.6	107.1	103.2	98.9	94.1	89.0	83.9
70°	144.7	141.7	138.3	134.7	130.7	126.4	122.2	117.8	113.1	107.6	101.3
67.5°	165.7	162.3	158.8	154.8	150.3	145.4	140.6	135.6	130.2	124.5	118.0
65°	185.7	181.9	178.2	174.1	169.5	164.3	158.9	153.2	147.2	140.8	133.7
62.5°	204.0	200.8	196.9	192.3	187.6	182.5	176.7	170.3	163.7	156.8	149.1
60°	219.2	216.0	212.2	208.0	203.5	198.6	192.6	186.1	179.4	171.7	163.8
57.5°	231.5	228.4	225.0	221.2	217.2	212.2	206.6	200.7	193.6	185.9	177.7
55°	240.8	238.5	235.7	232.5	228.5	223.8	218.8	213.0	206.3	199.2	190.6
52.5°	249.2	247.2	244.9	242.4	238.5	233.9	229.2	223.5	217.5	210.3	202.4
50°	261.5	257.4	253.6	250.2	246.7	242.5	237.6	232.5	226.9	220.3	212.8
47.5°	277.0	270.4	264.0	259.0	254.7	250.1	245.3	240.2	235.0	229.0	221.6
45°	293.1	285.4	277.0	270.0	263.4	258.1	252.9	247.8	242.5	236.5	229.7
42.5°	310.2	302.1	292.7	283.5	274.5	267.2	260.7	255.3	249.5	243.6	236.7
40°	334.3	321.6	311.6	299.7	288.6	277.7	270.4	263.1	256.8	250.1	243.3
37.5°	366.1	351.3	335.8	320.3	306.0	292.2	281.8	272.8	264.3	257.0	249.3
35°	403.0	384.0	364.2	345.0	327.1	310.3	295.4	283.7	273.8	264.5	255.7
32.5°	451.1	423.8	397.7	373.6	349.8	329.3	311.3	296.2	284.0	273.4	262.9
30°	504.1	468.5	434.4	406.2	377.3	351.0	327.3	309.4	295.1	282.9	270.7
27.5°	589.9	521.4	477.8	438.9	405.7	375.1	346.8	321.1	305.4	292.4	279.1
25°	776.4	612.6	532.8	480.6	437.5	398.2	365.8	336.5	314.7	300.5	283.7
22.5°	1133.4	821.4	615.9	525.1	472.6	425.5	385.2	352.1	321.9	304.1	286.8
20°	1840.9	1140.5	789.0	598.9	511.1	452.1	404.6	367.4	333.9	308.1	289.0
17.5°	2796.9	1761.0	1007.7	694.5	562.5	485.4	426.6	381.4	344.7	312.5	290.2
15°	3821.2	2465.5	1466.1	874.9	616.9	513.5	444.6	394.3	354.7	319.1	293.5
12.5°	4989.6	3203.1	1889.1	1021.1	680.8	544.8	464.6	408.4	364.6	327.1	298.6
10°	6036.0	3948.3	2376.7	1324.9	787.8	576.3	483.1	421.0	373.9	333.6	302.7
7.5°	6889.0	4651.4	2818.0	1551.4	868.4	601.3	498.6	431.5	381.5	338.4	305.6
5°	7434.4	5170.1	3169.5	1720.8	924.3	617.9	509.2	439.4	387.2	341.5	307.4
2.5°	7820.7	5513.5	3391.9	1819.6	954.2	626.8	516.6	444.2	391.5	345.2	310.4
0°	7839.8	5629.8	3467.3	1905.2	960.3	629.4	522.2	445.7	393.6	347.7	312.4
-2.5°	7820.7	5513.5	3391.9	1819.6	954.2	626.8	516.6	444.2	391.5	345.2	310.4
-5°	7434.4	5170.1	3169.5	1720.8	924.3	617.9	509.2	439.4	387.2	341.5	307.4
-7.5°	6889.0	4651.4	2818.0	1551.4	868.4	601.3	498.6	431.5	381.5	338.4	305.6
-10°	6036.0	3948.3	2376.7	1324.9	787.8	576.3	483.1	421.0	373.9	333.6	302.7
-12.5°	4989.6	3203.1	1889.1	1021.1	680.8	544.8	464.6	408.4	364.6	327.1	298.6
-15°	3821.2	2465.5	1466.1	874.9	616.9	513.5	444.6	394.3	354.7	319.1	293.5
-17.5°	2796.9	1761.0	1007.7	694.5	562.5	485.4	426.6	381.4	344.7	312.5	290.2
-20°	1840.9	1140.5	789.0	598.9	511.1	452.1	404.6	367.4	333.9	308.1	289.0



REPORT NUMBER: P559015 (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°	1133.4	821.4	615.9	525.1	472.6	425.5	385.2	352.1	321.9	304.1	286.8
-25°	776.4	612.6	532.8	480.6	437.5	398.2	365.8	336.5	314.7	300.5	283.7
-27.5°	589.9	521.4	477.8	438.9	405.7	375.1	346.8	321.1	305.4	292.4	279.1
-30°	504.1	468.5	434.4	406.2	377.3	351.0	327.3	309.4	295.1	282.9	270.7
-32.5°	451.1	423.8	397.7	373.6	349.8	329.3	311.3	296.2	284.0	273.4	262.9
-35°	403.0	384.0	364.2	345.0	327.1	310.3	295.4	283.7	273.8	264.5	255.7
-37.5°	366.1	351.3	335.8	320.3	306.0	292.2	281.8	272.8	264.3	257.0	249.3
-40°	334.3	321.6	311.6	299.7	288.6	277.7	270.4	263.1	256.8	250.1	243.3
-42.5°	310.2	302.1	292.7	283.5	274.5	267.2	260.7	255.3	249.5	243.6	236.7
-45°	293.1	285.4	277.0	270.0	263.4	258.1	252.9	247.8	242.5	236.5	229.7
-47.5°	277.0	270.4	264.0	259.0	254.7	250.1	245.3	240.2	235.0	229.0	221.6
-50°	261.5	257.4	253.6	250.2	246.7	242.5	237.6	232.5	226.9	220.3	212.8
-52.5°	249.2	247.2	244.9	242.4	238.5	233.9	229.2	223.5	217.5	210.3	202.4
-55°	240.8	238.5	235.7	232.5	228.5	223.8	218.8	213.0	206.3	199.2	190.6
-57.5°	231.5	228.4	225.0	221.2	217.2	212.2	206.6	200.7	193.6	185.9	177.7
-60°	219.2	216.0	212.2	208.0	203.5	198.6	192.6	186.1	179.4	171.7	163.8
-62.5°	204.0	200.8	196.9	192.3	187.6	182.5	176.7	170.3	163.7	156.8	149.1
-65°	185.7	181.9	178.2	174.1	169.5	164.3	158.9	153.2	147.2	140.8	133.7
-67.5°	165.7	162.3	158.8	154.8	150.3	145.4	140.6	135.6	130.2	124.5	118.0
-70°	144.7	141.7	138.3	134.7	130.7	126.4	122.2	117.8	113.1	107.6	101.3
-72.5°	122.6	119.8	116.8	113.8	110.6	107.1	103.2	98.9	94.1	89.0	83.9
-75°	100.0	97.9	95.6	93.0	90.1	86.9	83.4	79.8	76.0	72.0	67.8
-77.5°	78.0	76.3	74.2	72.0	69.7	67.3	64.8	61.8	58.8	55.7	52.6
-80°	56.8	55.0	53.2	51.7	50.1	48.2	46.1	44.0	41.9	40.0	37.8
-82.5°	37.4	36.2	35.1	34.1	33.0	31.9	30.6	29.2	27.6	25.8	23.8
-85°	21.2	20.7	20.1	19.6	19.1	18.6	18.0	17.0	16.1	15.2	14.2
-87.5°	7.9	7.5	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
-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: P559015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
85°	13.6	12.9	12.1	11.2	10.2	9.2	8.5	7.8	7.0	6.3	5.5
82.5°	22.3	21.3	20.3	19.1	17.8	16.4	14.9	13.2	11.4	9.5	8.3
80°	35.4	33.0	30.7	28.3	26.0	23.7	21.8	19.6	17.0	14.5	12.0
77.5°	49.2	45.7	42.0	38.7	35.5	32.4	29.3	26.1	22.6	19.3	16.2
75°	63.5	59.2	54.8	50.3	45.6	40.9	37.0	33.1	28.8	24.2	20.3
72.5°	79.0	73.8	68.1	62.2	56.8	51.2	45.5	40.0	35.2	30.0	24.6
70°	94.9	88.7	82.5	75.5	68.4	61.5	55.0	48.3	41.6	35.8	29.8
67.5°	110.9	103.5	96.2	88.6	80.6	72.5	64.4	56.9	49.3	41.6	34.9
65°	126.1	118.0	109.4	101.0	92.3	83.4	74.3	65.5	56.9	48.3	39.9
62.5°	141.0	132.5	123.1	113.2	103.6	93.9	84.1	74.3	64.4	55.0	45.5
60°	155.3	146.2	136.4	125.6	114.8	104.2	93.6	83.0	72.3	61.5	51.2
57.5°	168.7	159.5	148.7	137.6	125.9	114.3	102.9	91.5	80.0	68.2	56.8
55°	181.6	171.6	160.6	148.9	136.6	124.1	112.0	99.8	87.4	74.9	62.2
52.5°	193.4	183.0	171.6	159.7	146.9	133.8	121.1	107.9	94.7	81.4	67.9
50°	204.1	193.7	182.1	169.7	156.8	143.3	130.0	116.0	101.7	87.6	73.4
47.5°	213.4	203.2	191.7	179.2	165.7	152.4	138.4	123.9	108.5	93.7	78.8
45°	221.4	212.0	200.6	187.9	174.7	160.9	146.3	131.6	115.5	99.6	84.1
42.5°	229.0	219.7	208.8	196.2	183.1	169.1	153.8	138.6	122.3	105.3	89.1
40°	235.4	226.7	216.4	204.1	191.2	177.0	161.1	145.0	128.8	110.8	93.8
37.5°	241.6	233.0	222.8	212.1	198.9	184.2	168.2	151.2	134.7	116.3	98.4
35°	247.2	238.4	229.6	218.9	206.0	191.2	174.9	157.0	139.8	121.4	102.7
32.5°	252.7	243.7	234.7	224.8	212.9	197.9	181.2	162.7	144.6	126.2	106.7
30°	259.0	248.3	239.4	230.2	219.1	204.0	186.7	167.9	149.1	130.6	110.6
27.5°	264.0	252.1	243.5	234.5	223.8	209.6	191.6	172.5	153.4	134.6	114.2
25°	268.2	255.8	246.6	238.1	228.0	214.2	196.1	176.7	157.2	138.0	117.5
22.5°	271.5	258.9	249.0	241.4	232.0	218.3	199.9	180.3	160.7	141.1	120.5
20°	273.3	261.1	250.9	244.1	235.3	221.3	203.3	183.6	163.7	143.9	123.2
17.5°	273.9	262.8	253.1	245.9	237.8	224.4	206.2	186.4	166.3	146.4	125.5
15°	276.5	264.4	254.8	247.4	239.9	227.4	208.7	188.8	168.4	148.6	127.6
12.5°	279.2	265.6	256.0	248.6	241.7	230.2	210.7	190.8	170.2	150.5	129.3
10°	281.6	266.4	256.6	249.6	243.0	232.9	212.4	192.5	172.0	152.0	130.7
7.5°	283.5	266.8	256.7	250.3	244.1	235.0	213.8	193.7	173.5	153.2	131.8
5°	284.9	267.0	256.6	250.9	245.1	236.3	215.0	194.4	174.7	154.0	132.6
2.5°	286.0	266.9	256.3	251.1	246.0	237.1	215.7	194.7	175.6	154.5	133.0
0°	286.4	266.5	255.8	251.2	246.6	237.4	215.9	194.5	176.1	154.7	133.2
-2.5°	286.0	266.9	256.3	251.1	246.0	237.1	215.7	194.7	175.6	154.5	133.0
-5°	284.9	267.0	256.6	250.9	245.1	236.3	215.0	194.4	174.7	154.0	132.6
-7.5°	283.5	266.8	256.7	250.3	244.1	235.0	213.8	193.7	173.5	153.2	131.8
-10°	281.6	266.4	256.6	249.6	243.0	232.9	212.4	192.5	172.0	152.0	130.7
-12.5°	279.2	265.6	256.0	248.6	241.7	230.2	210.7	190.8	170.2	150.5	129.3
-15°	276.5	264.4	254.8	247.4	239.9	227.4	208.7	188.8	168.4	148.6	127.6
-17.5°	273.9	262.8	253.1	245.9	237.8	224.4	206.2	186.4	166.3	146.4	125.5
-20°	273.3	261.1	250.9	244.1	235.3	221.3	203.3	183.6	163.7	143.9	123.2



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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°	271.5	258.9	249.0	241.4	232.0	218.3	199.9	180.3	160.7	141.1	120.5
-25°	268.2	255.8	246.6	238.1	228.0	214.2	196.1	176.7	157.2	138.0	117.5
-27.5°	264.0	252.1	243.5	234.5	223.8	209.6	191.6	172.5	153.4	134.6	114.2
-30°	259.0	248.3	239.4	230.2	219.1	204.0	186.7	167.9	149.1	130.6	110.6
-32.5°	252.7	243.7	234.7	224.8	212.9	197.9	181.2	162.7	144.6	126.2	106.7
-35°	247.2	238.4	229.6	218.9	206.0	191.2	174.9	157.0	139.8	121.4	102.7
-37.5°	241.6	233.0	222.8	212.1	198.9	184.2	168.2	151.2	134.7	116.3	98.4
-40°	235.4	226.7	216.4	204.1	191.2	177.0	161.1	145.0	128.8	110.8	93.8
-42.5°	229.0	219.7	208.8	196.2	183.1	169.1	153.8	138.6	122.3	105.3	89.1
-45°	221.4	212.0	200.6	187.9	174.7	160.9	146.3	131.6	115.5	99.6	84.1
-47.5°	213.4	203.2	191.7	179.2	165.7	152.4	138.4	123.9	108.5	93.7	78.8
-50°	204.1	193.7	182.1	169.7	156.8	143.3	130.0	116.0	101.7	87.6	73.4
-52.5°	193.4	183.0	171.6	159.7	146.9	133.8	121.1	107.9	94.7	81.4	67.9
-55°	181.6	171.6	160.6	148.9	136.6	124.1	112.0	99.8	87.4	74.9	62.2
-57.5°	168.7	159.5	148.7	137.6	125.9	114.3	102.9	91.5	80.0	68.2	56.8
-60°	155.3	146.2	136.4	125.6	114.8	104.2	93.6	83.0	72.3	61.5	51.2
-62.5°	141.0	132.5	123.1	113.2	103.6	93.9	84.1	74.3	64.4	55.0	45.5
-65°	126.1	118.0	109.4	101.0	92.3	83.4	74.3	65.5	56.9	48.3	39.9
-67.5°	110.9	103.5	96.2	88.6	80.6	72.5	64.4	56.9	49.3	41.6	34.9
-70°	94.9	88.7	82.5	75.5	68.4	61.5	55.0	48.3	41.6	35.8	29.8
-72.5°	79.0	73.8	68.1	62.2	56.8	51.2	45.5	40.0	35.2	30.0	24.6
-75°	63.5	59.2	54.8	50.3	45.6	40.9	37.0	33.1	28.8	24.2	20.3
-77.5°	49.2	45.7	42.0	38.7	35.5	32.4	29.3	26.1	22.6	19.3	16.2
-80°	35.4	33.0	30.7	28.3	26.0	23.7	21.8	19.6	17.0	14.5	12.0
-82.5°	22.3	21.3	20.3	19.1	17.8	16.4	14.9	13.2	11.4	9.5	8.3
-85°	13.6	12.9	12.1	11.2	10.2	9.2	8.5	7.8	7.0	6.3	5.5
-87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.6	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	13.1	10.3	7.9	6.0	4.0	2.0	0.0
75°	16.6	13.3	9.6	7.1	4.8	2.4	0.0
72.5°	20.1	16.2	12.1	8.3	5.5	2.8	0.0
70°	23.7	19.2	14.5	9.6	6.3	3.1	0.0
67.5°	28.2	22.1	16.9	11.4	7.0	3.5	0.0
65°	32.5	25.3	19.2	13.2	7.8	3.9	0.0
62.5°	36.8	28.8	21.6	15.0	8.5	4.2	0.0
60°	40.9	32.2	23.8	16.7	9.2	4.6	0.0
57.5°	45.6	35.6	26.4	18.4	10.3	4.9	0.0
55°	50.3	38.8	29.0	20.1	11.4	5.3	0.0
52.5°	54.8	42.0	31.5	21.7	12.5	5.6	0.0
50°	59.2	45.7	33.8	23.2	13.6	5.9	0.0
47.5°	63.5	49.2	36.1	24.8	14.6	6.2	0.0
45°	68.0	52.6	38.3	26.5	15.5	6.5	0.0
42.5°	72.3	55.8	40.4	28.0	16.4	6.8	0.0
40°	76.5	58.9	42.6	29.5	17.3	7.0	0.0
37.5°	80.4	61.8	45.0	30.9	18.2	7.3	0.0
35°	84.3	64.9	47.2	32.2	19.0	7.5	0.0
32.5°	87.8	67.8	49.3	33.4	19.7	7.8	0.0
30°	91.1	70.6	51.2	34.6	20.4	8.0	0.0
27.5°	94.1	73.2	53.1	35.6	21.0	8.2	0.0
25°	96.9	75.6	54.8	36.6	21.6	8.3	0.0
22.5°	99.4	77.9	56.5	37.5	22.2	8.5	0.0
20°	101.8	79.9	57.9	38.3	22.7	8.6	0.0
17.5°	103.8	81.6	59.3	39.0	23.1	8.8	0.0
15°	105.5	83.2	60.5	39.7	23.5	8.9	0.0
12.5°	107.0	84.4	61.5	40.2	23.8	9.0	0.0
10°	108.2	85.5	62.4	40.6	24.0	9.1	0.0
7.5°	109.1	86.3	63.1	41.0	24.2	9.1	0.0
5°	109.8	86.8	63.7	41.2	24.4	9.2	0.0
2.5°	110.2	87.2	64.1	41.4	24.5	9.2	0.0
0°	110.3	87.3	64.3	41.4	24.5	9.2	0.0
-2.5°	110.2	87.2	64.1	41.4	24.5	9.2	0.0
-5°	109.8	86.8	63.7	41.2	24.4	9.2	0.0
-7.5°	109.1	86.3	63.1	41.0	24.2	9.1	0.0
-10°	108.2	85.5	62.4	40.6	24.0	9.1	0.0
-12.5°	107.0	84.4	61.5	40.2	23.8	9.0	0.0
-15°	105.5	83.2	60.5	39.7	23.5	8.9	0.0
-17.5°	103.8	81.6	59.3	39.0	23.1	8.8	0.0
-20°	101.8	79.9	57.9	38.3	22.7	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.4	77.9	56.5	37.5	22.2	8.5	0.0
-25°	96.9	75.6	54.8	36.6	21.6	8.3	0.0
-27.5°	94.1	73.2	53.1	35.6	21.0	8.2	0.0
-30°	91.1	70.6	51.2	34.6	20.4	8.0	0.0
-32.5°	87.8	67.8	49.3	33.4	19.7	7.8	0.0
-35°	84.3	64.9	47.2	32.2	19.0	7.5	0.0
-37.5°	80.4	61.8	45.0	30.9	18.2	7.3	0.0
-40°	76.5	58.9	42.6	29.5	17.3	7.0	0.0
-42.5°	72.3	55.8	40.4	28.0	16.4	6.8	0.0
-45°	68.0	52.6	38.3	26.5	15.5	6.5	0.0
-47.5°	63.5	49.2	36.1	24.8	14.6	6.2	0.0
-50°	59.2	45.7	33.8	23.2	13.6	5.9	0.0
-52.5°	54.8	42.0	31.5	21.7	12.5	5.6	0.0
-55°	50.3	38.8	29.0	20.1	11.4	5.3	0.0
-57.5°	45.6	35.6	26.4	18.4	10.3	4.9	0.0
-60°	40.9	32.2	23.8	16.7	9.2	4.6	0.0
-62.5°	36.8	28.8	21.6	15.0	8.5	4.2	0.0
-65°	32.5	25.3	19.2	13.2	7.8	3.9	0.0
-67.5°	28.2	22.1	16.9	11.4	7.0	3.5	0.0
-70°	23.7	19.2	14.5	9.6	6.3	3.1	0.0
-72.5°	20.1	16.2	12.1	8.3	5.5	2.8	0.0
-75°	16.6	13.3	9.6	7.1	4.8	2.4	0.0
-77.5°	13.1	10.3	7.9	6.0	4.0	2.0	0.0
-80°	9.6	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)