

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: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559007 (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-927-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

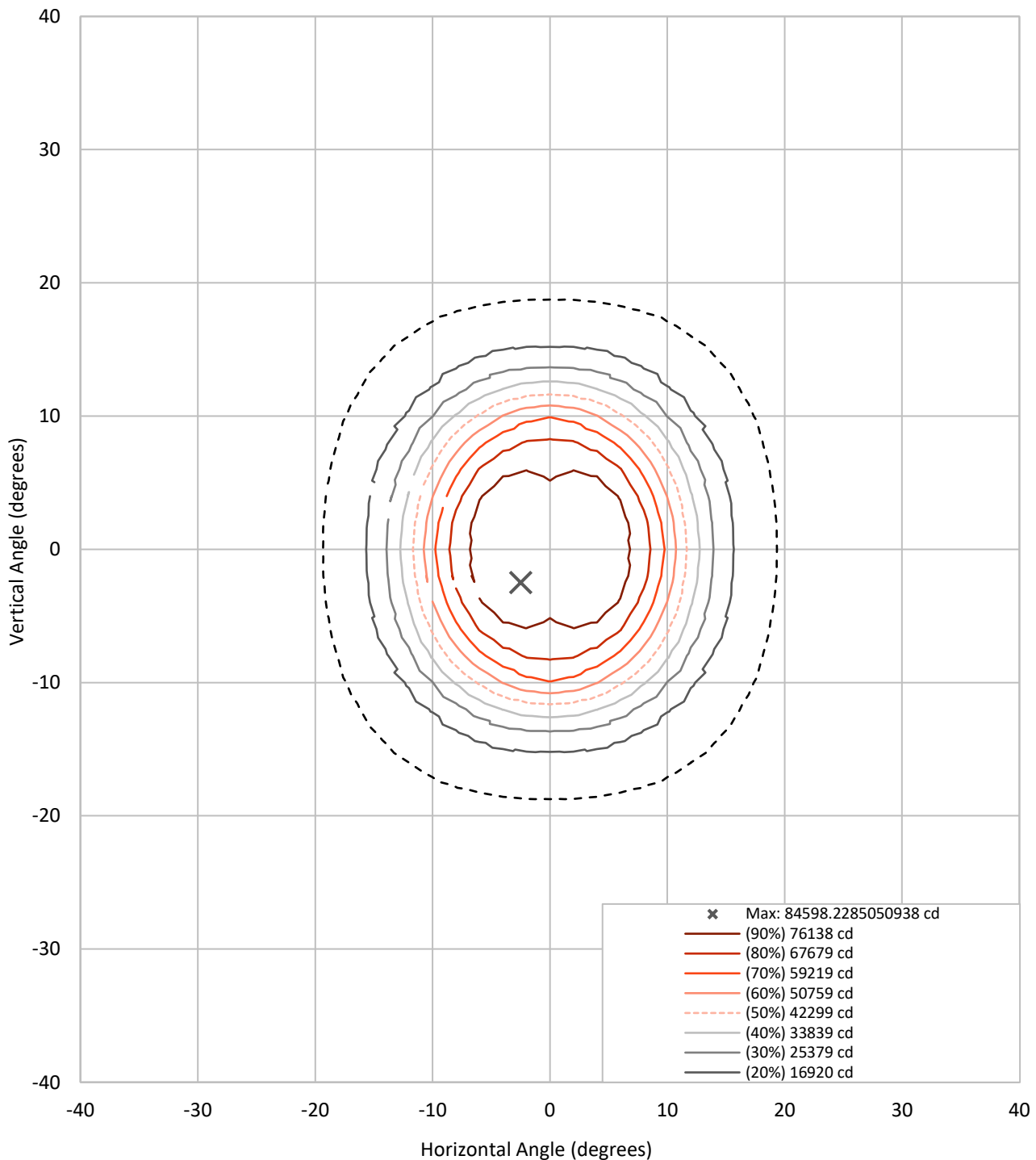
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15997.4 lumens	Max Intensity:	84598.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8636.5 lumens	Field Lumens:	13024.3 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





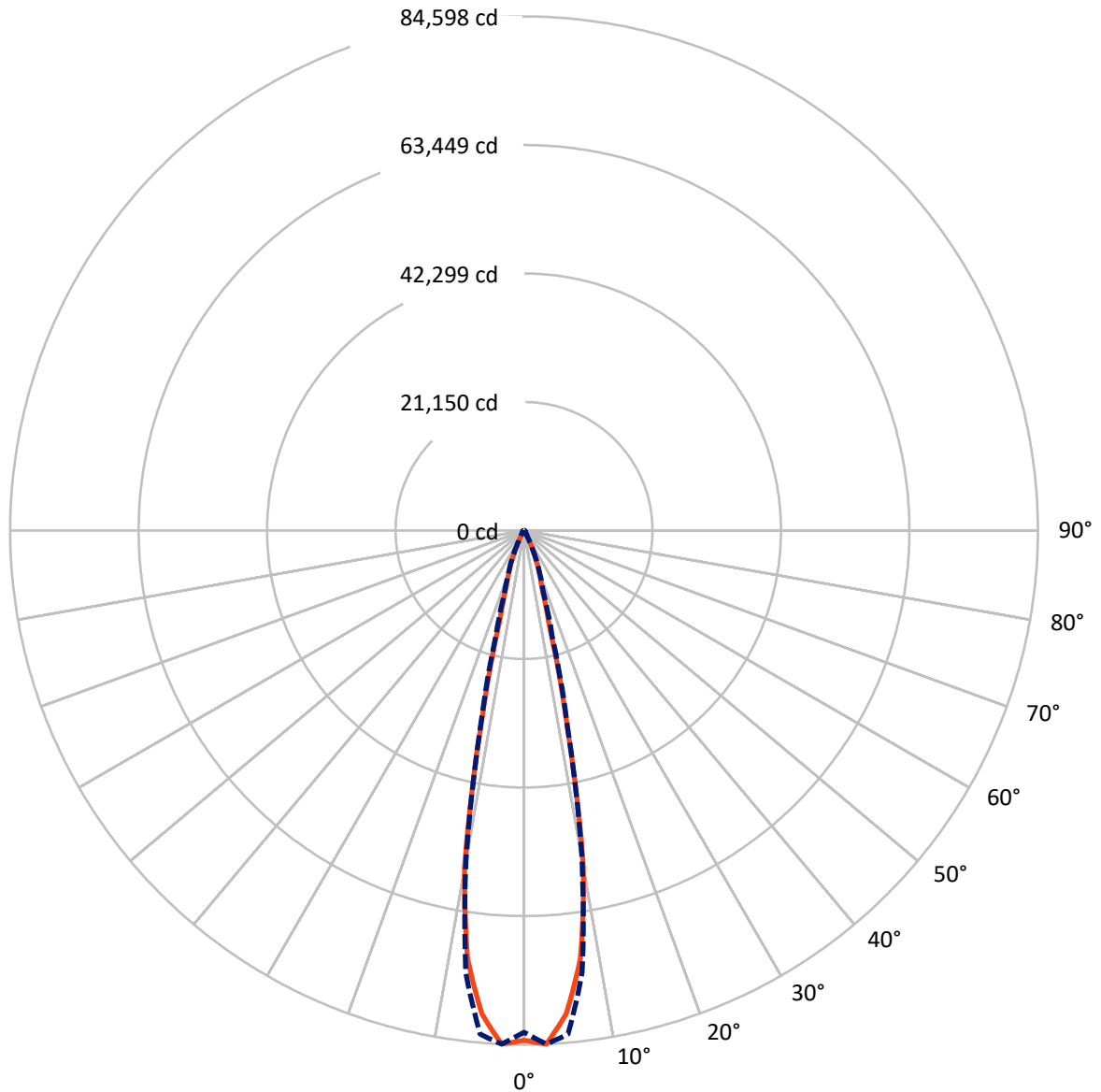
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Lumen Table

90	0.2	1.6		4.3		6.9		8.0		6.9		4.3		1.6		0.2
80	0.2	1.6		4.3		6.9		8.0		6.9		4.3		1.6		0.2
70	0.7	0.8	1.7	2.8	3.9	4.8	5.5	5.8	5.8	5.5	4.8	3.9	2.8	1.7	0.8	0.7
60		1.3	2.5	4.0	5.3	6.3	7.0	7.3	7.3	7.0	6.3	5.3	4.0	2.5	1.3	
50	1.4	1.7	3.2	4.8	6.2	7.5	8.7	9.2	9.2	8.7	7.5	6.2	4.8	3.2	1.7	1.4
40		2.0	3.7	5.4	7.3	9.9	13.1	15.7	15.7	13.1	9.9	7.3	5.4	3.7	2.0	
30	1.8	2.2	4.0	6.0	9.0	16.3	49.1	95.7	95.7	49.1	16.3	9.0	6.0	4.0	2.2	1.8
20		2.4	4.2	6.3	11.3	48.5	224.0	575.9	575.9	224.0	48.5	11.3	6.3	4.2	2.4	
10	1.9	2.5	4.3	6.7	13.5	94.5	583.2	2060.4	2060.4	583.2	94.5	13.5	6.7	4.3	2.5	1.9
0		2.5	4.3	6.7	13.5	94.5	583.2	2060.4	2060.4	583.2	94.5	13.5	6.7	4.3	2.5	
-10	1.8	2.4	4.2	6.3	11.3	48.5	224.0	575.9	575.9	224.0	48.5	11.3	6.3	4.2	2.4	1.8
-20		2.2	4.0	6.0	9.0	16.3	49.1	95.7	95.7	49.1	16.3	9.0	6.0	4.0	2.2	
-30	1.4	2.0	3.7	5.4	7.3	9.9	13.1	15.7	15.7	13.1	9.9	7.3	5.4	3.7	2.0	1.4
-40		1.7	3.2	4.8	6.2	7.5	8.7	9.2	9.2	8.7	7.5	6.2	4.8	3.2	1.7	
-50	0.7	1.3	2.5	4.0	5.3	6.3	7.0	7.3	7.3	7.0	6.3	5.3	4.0	2.5	1.3	0.7
-60		0.8	1.7	2.8	3.9	4.8	5.5	5.8	5.8	5.5	4.8	3.9	2.8	1.7	0.8	
-70	0.2	1.6		4.3		6.9		8.0		6.9		4.3		1.6		0.2
-80		1.6		4.3		6.9		8.0		6.9		4.3		1.6		
-90	0.2	1.6		4.3		6.9		8.0		6.9		4.3		1.6		0.2

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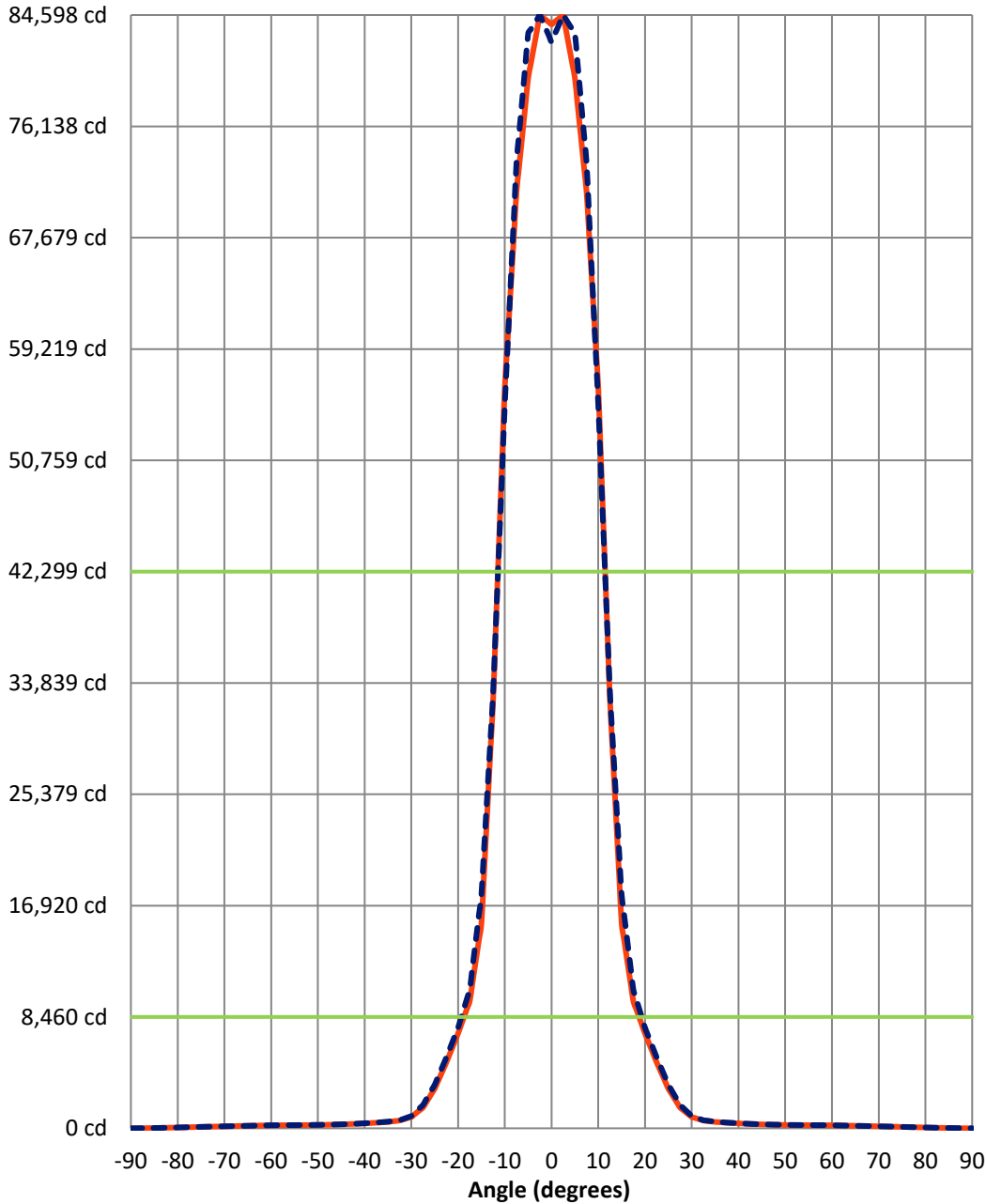
Luminous Intensity Polar Plot



— 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: 8636.5
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 13024.3
 Efficiency: 81.4%

Spill:
 Lumens: 2973.1
 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	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.3	11.1	12.9
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.7	14.1	16.6	19.1
77.5°	0.0	1.9	3.9	5.8	7.8	10.0	12.8	15.8	18.8	22.0	25.5
75°	0.0	2.3	4.7	7.0	9.4	12.9	16.2	19.8	23.6	28.1	32.3
72.5°	0.0	2.7	5.4	8.1	11.8	15.8	19.6	24.0	29.3	34.3	39.1
70°	0.0	3.1	6.1	9.3	14.2	18.7	23.1	29.0	34.9	40.6	47.2
67.5°	0.0	3.4	6.9	11.1	16.5	21.5	27.4	34.0	40.6	48.1	55.5
65°	0.0	3.8	7.6	12.9	18.8	24.7	31.7	39.0	47.2	55.5	63.9
62.5°	0.0	4.2	8.3	14.6	21.0	28.1	35.9	44.4	53.7	62.9	72.6
60°	0.0	4.5	9.0	16.3	23.2	31.5	39.9	50.0	60.0	70.6	81.1
57.5°	0.0	4.8	10.1	17.9	25.8	34.7	44.5	55.4	66.6	78.1	89.4
55°	0.0	5.2	11.2	19.6	28.3	37.8	49.1	60.7	73.1	85.4	97.5
52.5°	0.0	5.5	12.2	21.1	30.7	41.0	53.5	66.3	79.5	92.5	105.4
50°	0.0	5.8	13.2	22.7	33.0	44.6	57.8	71.7	85.6	99.4	113.3
47.5°	0.0	6.1	14.2	24.2	35.3	48.0	61.9	77.0	91.5	106.1	121.1
45°	0.0	6.4	15.2	25.8	37.4	51.3	66.3	82.1	97.3	112.9	128.7
42.5°	0.0	6.6	16.1	27.3	39.4	54.5	70.6	87.0	102.8	119.5	135.4
40°	0.0	6.9	16.9	28.8	41.6	57.5	74.7	91.7	108.3	125.9	141.7
37.5°	0.0	7.1	17.7	30.1	43.9	60.4	78.6	96.1	113.6	131.7	147.7
35°	0.0	7.4	18.5	31.4	46.1	63.3	82.3	100.3	118.6	136.6	153.4
32.5°	0.0	7.6	19.2	32.6	48.1	66.2	85.8	104.2	123.3	141.3	158.9
30°	0.0	7.8	19.9	33.7	50.0	69.0	89.0	108.0	127.7	145.7	164.0
27.5°	0.0	8.0	20.5	34.8	51.8	71.5	91.9	111.5	131.5	149.8	168.6
25°	0.0	8.2	21.1	35.7	53.5	73.9	94.6	114.8	134.9	153.6	172.6
22.5°	0.0	8.3	21.6	36.6	55.1	76.1	97.1	117.7	137.9	156.9	176.2
20°	0.0	8.5	22.1	37.4	56.6	78.0	99.4	120.3	140.6	159.9	179.3
17.5°	0.0	8.6	22.5	38.1	57.9	79.7	101.3	122.7	143.1	162.4	182.1
15°	0.0	8.7	22.9	38.7	59.0	81.2	103.0	124.7	145.2	164.5	184.5
12.5°	0.0	8.8	23.2	39.2	60.1	82.5	104.4	126.4	147.0	166.2	186.4
10°	0.0	8.9	23.4	39.6	60.9	83.5	105.6	127.7	148.5	168.0	188.0
7.5°	0.0	8.9	23.6	40.0	61.6	84.3	106.5	128.8	149.6	169.5	189.2
5°	0.0	9.0	23.8	40.2	62.2	84.9	107.2	129.6	150.4	170.7	189.9
2.5°	0.0	9.0	23.9	40.4	62.6	85.2	107.6	130.0	150.9	171.6	190.2
0°	0.0	9.0	23.9	40.4	62.8	85.3	107.7	130.2	151.1	172.1	190.0
-2.5°	0.0	9.0	23.9	40.4	62.6	85.2	107.6	130.0	150.9	171.6	190.2
-5°	0.0	9.0	23.8	40.2	62.2	84.9	107.2	129.6	150.4	170.7	189.9
-7.5°	0.0	8.9	23.6	40.0	61.6	84.3	106.5	128.8	149.6	169.5	189.2
-10°	0.0	8.9	23.4	39.6	60.9	83.5	105.6	127.7	148.5	168.0	188.0
-12.5°	0.0	8.8	23.2	39.2	60.1	82.5	104.4	126.4	147.0	166.2	186.4
-15°	0.0	8.7	22.9	38.7	59.0	81.2	103.0	124.7	145.2	164.5	184.5
-17.5°	0.0	8.6	22.5	38.1	57.9	79.7	101.3	122.7	143.1	162.4	182.1
-20°	0.0	8.5	22.1	37.4	56.6	78.0	99.4	120.3	140.6	159.9	179.3



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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	8.3	21.6	36.6	55.1	76.1	97.1	117.7	137.9	156.9	176.2
-25°	0.0	8.2	21.1	35.7	53.5	73.9	94.6	114.8	134.9	153.6	172.6
-27.5°	0.0	8.0	20.5	34.8	51.8	71.5	91.9	111.5	131.5	149.8	168.6
-30°	0.0	7.8	19.9	33.7	50.0	69.0	89.0	108.0	127.7	145.7	164.0
-32.5°	0.0	7.6	19.2	32.6	48.1	66.2	85.8	104.2	123.3	141.3	158.9
-35°	0.0	7.4	18.5	31.4	46.1	63.3	82.3	100.3	118.6	136.6	153.4
-37.5°	0.0	7.1	17.7	30.1	43.9	60.4	78.6	96.1	113.6	131.7	147.7
-40°	0.0	6.9	16.9	28.8	41.6	57.5	74.7	91.7	108.3	125.9	141.7
-42.5°	0.0	6.6	16.1	27.3	39.4	54.5	70.6	87.0	102.8	119.5	135.4
-45°	0.0	6.4	15.2	25.8	37.4	51.3	66.3	82.1	97.3	112.9	128.7
-47.5°	0.0	6.1	14.2	24.2	35.3	48.0	61.9	77.0	91.5	106.1	121.1
-50°	0.0	5.8	13.2	22.7	33.0	44.6	57.8	71.7	85.6	99.4	113.3
-52.5°	0.0	5.5	12.2	21.1	30.7	41.0	53.5	66.3	79.5	92.5	105.4
-55°	0.0	5.2	11.2	19.6	28.3	37.8	49.1	60.7	73.1	85.4	97.5
-57.5°	0.0	4.8	10.1	17.9	25.8	34.7	44.5	55.4	66.6	78.1	89.4
-60°	0.0	4.5	9.0	16.3	23.2	31.5	39.9	50.0	60.0	70.6	81.1
-62.5°	0.0	4.2	8.3	14.6	21.0	28.1	35.9	44.4	53.7	62.9	72.6
-65°	0.0	3.8	7.6	12.9	18.8	24.7	31.7	39.0	47.2	55.5	63.9
-67.5°	0.0	3.4	6.9	11.1	16.5	21.5	27.4	34.0	40.6	48.1	55.5
-70°	0.0	3.1	6.1	9.3	14.2	18.7	23.1	29.0	34.9	40.6	47.2
-72.5°	0.0	2.7	5.4	8.1	11.8	15.8	19.6	24.0	29.3	34.3	39.1
-75°	0.0	2.3	4.7	7.0	9.4	12.9	16.2	19.8	23.6	28.1	32.3
-77.5°	0.0	1.9	3.9	5.8	7.8	10.0	12.8	15.8	18.8	22.0	25.5
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.7	14.1	16.6	19.1
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.3	11.1	12.9
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-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):

	-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	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
85°	8.3	9.0	10.0	11.0	11.8	12.6	13.3	13.9	14.8	15.7	16.6
82.5°	14.6	16.0	17.4	18.6	19.7	20.7	21.8	23.2	25.2	27.0	28.5
80°	21.2	23.1	25.3	27.6	29.9	32.2	34.6	36.9	39.0	41.0	43.0
77.5°	28.6	31.6	34.6	37.8	41.0	44.6	48.0	51.3	54.4	57.4	60.3
75°	36.1	40.0	44.5	49.1	53.5	57.8	61.9	66.2	70.3	74.2	77.9
72.5°	44.4	50.0	55.4	60.7	66.5	72.0	77.2	82.0	86.9	91.9	96.5
70°	53.7	60.0	66.8	73.8	80.6	86.7	92.7	98.9	105.1	110.4	115.0
67.5°	62.9	70.8	78.7	86.6	94.0	101.1	108.3	115.3	121.7	127.2	132.5
65°	72.6	81.4	90.1	98.6	106.9	115.3	123.2	130.7	137.6	143.8	149.7
62.5°	82.1	91.7	101.2	110.6	120.3	129.5	137.8	145.6	153.2	159.9	166.4
60°	91.4	101.8	112.2	122.7	133.3	142.9	151.8	160.0	167.8	175.3	181.9
57.5°	100.5	111.6	123.1	134.4	145.3	155.8	164.9	173.7	181.6	189.1	196.0
55°	109.5	121.3	133.5	145.5	156.9	167.7	177.4	186.2	194.6	201.5	208.1
52.5°	118.3	130.7	143.5	156.0	167.7	178.9	189.0	197.8	205.5	212.6	218.4
50°	127.0	140.0	153.1	165.8	177.9	189.2	199.4	207.9	215.2	221.7	227.2
47.5°	135.2	148.8	161.9	175.1	187.3	198.5	208.6	216.6	223.7	229.6	234.7
45°	142.9	157.1	170.8	183.6	196.0	207.2	216.4	224.4	231.0	236.9	242.1
42.5°	150.3	165.2	178.9	191.7	204.0	214.7	223.7	231.2	238.0	243.8	249.5
40°	157.4	173.0	186.8	199.4	211.4	221.5	230.0	237.7	244.3	250.9	257.1
37.5°	164.3	180.0	194.4	207.2	217.7	227.6	236.0	243.6	251.1	258.3	266.5
35°	170.9	186.8	201.3	213.9	224.3	232.9	241.5	249.8	258.4	267.4	277.2
32.5°	177.0	193.4	208.1	219.6	229.3	238.0	247.0	256.9	267.2	277.4	289.4
30°	182.4	199.3	214.1	224.9	233.9	242.6	253.1	264.5	276.4	288.3	302.2
27.5°	187.2	204.8	218.6	229.1	237.9	246.3	258.0	272.8	285.7	298.4	313.7
25°	191.5	209.3	222.8	232.6	240.9	249.9	262.1	277.2	293.6	307.4	328.8
22.5°	195.3	213.3	226.6	235.8	243.3	253.0	265.3	280.2	297.1	314.5	344.0
20°	198.6	216.3	229.9	238.5	245.1	255.2	267.0	282.4	301.0	326.2	358.9
17.5°	201.5	219.2	232.3	240.2	247.3	256.8	267.6	283.6	305.3	336.7	372.6
15°	203.9	222.1	234.4	241.7	249.0	258.3	270.1	286.8	311.8	346.5	385.2
12.5°	205.9	224.9	236.1	242.9	250.1	259.5	272.8	291.8	319.5	356.3	399.1
10°	207.5	227.5	237.5	243.9	250.7	260.3	275.1	295.7	326.0	365.3	411.3
7.5°	209.0	229.5	238.5	244.6	250.8	260.7	277.0	298.5	330.7	372.7	421.6
5°	210.1	230.8	239.5	245.1	250.7	260.9	278.4	300.4	333.6	378.3	429.3
2.5°	210.8	231.6	240.3	245.3	250.4	260.8	279.4	303.2	337.2	382.5	433.9
0°	211.0	231.9	240.9	245.4	249.9	260.4	279.8	305.2	339.7	384.6	435.4
-2.5°	210.8	231.6	240.3	245.3	250.4	260.8	279.4	303.2	337.2	382.5	433.9
-5°	210.1	230.8	239.5	245.1	250.7	260.9	278.4	300.4	333.6	378.3	429.3
-7.5°	209.0	229.5	238.5	244.6	250.8	260.7	277.0	298.5	330.7	372.7	421.6
-10°	207.5	227.5	237.5	243.9	250.7	260.3	275.1	295.7	326.0	365.3	411.3
-12.5°	205.9	224.9	236.1	242.9	250.1	259.5	272.8	291.8	319.5	356.3	399.1
-15°	203.9	222.1	234.4	241.7	249.0	258.3	270.1	286.8	311.8	346.5	385.2
-17.5°	201.5	219.2	232.3	240.2	247.3	256.8	267.6	283.6	305.3	336.7	372.6
-20°	198.6	216.3	229.9	238.5	245.1	255.2	267.0	282.4	301.0	326.2	358.9



REPORT NUMBER: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	195.3	213.3	226.6	235.8	243.3	253.0	265.3	280.2	297.1	314.5	344.0
-25°	191.5	209.3	222.8	232.6	240.9	249.9	262.1	277.2	293.6	307.4	328.8
-27.5°	187.2	204.8	218.6	229.1	237.9	246.3	258.0	272.8	285.7	298.4	313.7
-30°	182.4	199.3	214.1	224.9	233.9	242.6	253.1	264.5	276.4	288.3	302.2
-32.5°	177.0	193.4	208.1	219.6	229.3	238.0	247.0	256.9	267.2	277.4	289.4
-35°	170.9	186.8	201.3	213.9	224.3	232.9	241.5	249.8	258.4	267.4	277.2
-37.5°	164.3	180.0	194.4	207.2	217.7	227.6	236.0	243.6	251.1	258.3	266.5
-40°	157.4	173.0	186.8	199.4	211.4	221.5	230.0	237.7	244.3	250.9	257.1
-42.5°	150.3	165.2	178.9	191.7	204.0	214.7	223.7	231.2	238.0	243.8	249.5
-45°	142.9	157.1	170.8	183.6	196.0	207.2	216.4	224.4	231.0	236.9	242.1
-47.5°	135.2	148.8	161.9	175.1	187.3	198.5	208.6	216.6	223.7	229.6	234.7
-50°	127.0	140.0	153.1	165.8	177.9	189.2	199.4	207.9	215.2	221.7	227.2
-52.5°	118.3	130.7	143.5	156.0	167.7	178.9	189.0	197.8	205.5	212.6	218.4
-55°	109.5	121.3	133.5	145.5	156.9	167.7	177.4	186.2	194.6	201.5	208.1
-57.5°	100.5	111.6	123.1	134.4	145.3	155.8	164.9	173.7	181.6	189.1	196.0
-60°	91.4	101.8	112.2	122.7	133.3	142.9	151.8	160.0	167.8	175.3	181.9
-62.5°	82.1	91.7	101.2	110.6	120.3	129.5	137.8	145.6	153.2	159.9	166.4
-65°	72.6	81.4	90.1	98.6	106.9	115.3	123.2	130.7	137.6	143.8	149.7
-67.5°	62.9	70.8	78.7	86.6	94.0	101.1	108.3	115.3	121.7	127.2	132.5
-70°	53.7	60.0	66.8	73.8	80.6	86.7	92.7	98.9	105.1	110.4	115.0
-72.5°	44.4	50.0	55.4	60.7	66.5	72.0	77.2	82.0	86.9	91.9	96.5
-75°	36.1	40.0	44.5	49.1	53.5	57.8	61.9	66.2	70.3	74.2	77.9
-77.5°	28.6	31.6	34.6	37.8	41.0	44.6	48.0	51.3	54.4	57.4	60.3
-80°	21.2	23.1	25.3	27.6	29.9	32.2	34.6	36.9	39.0	41.0	43.0
-82.5°	14.6	16.0	17.4	18.6	19.7	20.7	21.8	23.2	25.2	27.0	28.5
-85°	8.3	9.0	10.0	11.0	11.8	12.6	13.3	13.9	14.8	15.7	16.6
-87.5°	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.6	6.9	7.1
-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: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.8	8.9
85°	17.5	18.1	18.6	19.1	19.6	20.2	20.7	21.1	21.5	22.1	22.7
82.5°	29.9	31.1	32.2	33.3	34.2	35.4	36.5	37.5	38.5	39.1	39.6
80°	45.0	47.0	48.9	50.5	52.0	53.8	55.5	57.0	58.4	59.3	60.0
77.5°	63.2	65.8	68.1	70.4	72.5	74.5	76.2	77.6	78.7	80.1	81.3
75°	81.5	84.8	88.0	90.9	93.4	95.6	97.7	99.5	101.2	102.8	104.0
72.5°	100.8	104.6	108.0	111.2	114.1	117.0	119.8	122.2	124.3	126.1	127.6
70°	119.4	123.6	127.7	131.6	135.2	138.4	141.4	144.0	146.2	148.2	149.8
67.5°	137.4	142.1	146.8	151.2	155.1	158.6	161.9	164.9	167.7	169.9	171.3
65°	155.3	160.5	165.6	170.1	174.1	177.7	181.4	184.6	187.4	189.4	190.8
62.5°	172.7	178.4	183.2	187.9	192.4	196.2	199.3	202.3	205.1	207.3	208.7
60°	188.1	194.0	198.8	203.3	207.3	211.1	214.2	217.3	220.2	222.8	224.7
57.5°	201.8	207.3	212.2	216.2	219.8	223.1	226.2	228.8	230.8	232.4	233.7
55°	213.8	218.7	223.2	227.1	230.3	233.0	235.3	237.1	238.5	239.6	240.4
52.5°	223.9	228.5	233.0	236.8	239.3	241.5	243.5	245.7	246.9	247.1	247.0
50°	232.1	237.0	241.0	244.4	247.8	251.6	255.5	257.5	258.2	257.7	257.1
47.5°	239.6	244.4	248.8	253.0	257.9	264.2	270.6	273.6	273.4	272.1	271.4
45°	247.1	252.2	257.4	263.8	270.6	278.8	286.3	291.0	291.0	291.2	292.3
42.5°	254.7	261.1	268.2	277.0	286.0	295.1	303.1	308.9	313.3	318.6	323.1
40°	264.2	271.3	281.9	292.8	304.5	314.2	326.6	337.2	345.9	353.8	359.9
37.5°	275.3	285.5	299.0	313.0	328.0	343.3	357.7	371.2	382.7	395.8	405.5
35°	288.6	303.1	319.5	337.0	355.8	375.1	393.7	415.2	434.0	450.9	464.6
32.5°	304.2	321.7	341.8	365.0	388.5	414.1	440.8	468.4	494.9	522.6	550.2
30°	319.8	342.9	368.6	396.8	424.4	457.8	492.6	537.7	584.9	638.8	721.6
27.5°	338.8	366.4	396.3	428.8	466.8	509.4	576.4	659.8	802.0	908.2	1193.7
25°	357.4	389.0	427.4	469.5	520.5	598.6	758.6	943.7	1356.1	1742.1	2188.1
22.5°	376.2	415.6	461.7	513.0	601.8	802.5	1107.4	1665.6	2302.6	2978.7	3667.3
20°	395.3	441.7	499.3	585.0	770.8	1114.3	1798.6	2695.6	3600.7	4706.4	5662.6
17.5°	416.7	474.2	549.6	678.5	984.5	1720.5	2732.7	3977.4	5378.0	6799.5	7993.0
15°	434.4	501.7	602.7	854.7	1432.5	2408.9	3733.4	5420.7	7330.5	9127.5	10660.2
12.5°	454.0	532.3	665.1	997.7	1845.7	3129.5	4875.0	6951.3	9242.4	11704.7	15603.4
10°	472.0	563.1	769.7	1294.5	2322.1	3857.6	5897.3	8236.9	11015.4	15945.3	25161.2
7.5°	487.2	587.5	848.4	1515.7	2753.3	4544.6	6730.8	9336.1	13513.5	21796.0	37304.1
5°	497.6	603.7	903.1	1681.3	3096.8	5051.3	7263.6	10060.0	16062.1	28947.8	47621.0
2.5°	504.8	612.4	932.3	1777.7	3314.1	5386.8	7641.1	10547.0	17773.2	33084.5	54962.5
0°	510.2	615.0	938.2	1861.4	3387.7	5500.5	7659.7	10677.7	18359.9	34699.7	57578.4
-2.5°	504.8	612.4	932.3	1777.7	3314.1	5386.8	7641.1	10547.0	17773.2	33084.5	54962.5
-5°	497.6	603.7	903.1	1681.3	3096.8	5051.3	7263.6	10060.0	16062.1	28947.8	47621.0
-7.5°	487.2	587.5	848.4	1515.7	2753.3	4544.6	6730.8	9336.1	13513.5	21796.0	37304.1
-10°	472.0	563.1	769.7	1294.5	2322.1	3857.6	5897.3	8236.9	11015.4	15945.3	25161.2
-12.5°	454.0	532.3	665.1	997.7	1845.7	3129.5	4875.0	6951.3	9242.4	11704.7	15603.4
-15°	434.4	501.7	602.7	854.7	1432.5	2408.9	3733.4	5420.7	7330.5	9127.5	10660.2
-17.5°	416.7	474.2	549.6	678.5	984.5	1720.5	2732.7	3977.4	5378.0	6799.5	7993.0
-20°	395.3	441.7	499.3	585.0	770.8	1114.3	1798.6	2695.6	3600.7	4706.4	5662.6



REPORT NUMBER: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	376.2	415.6	461.7	513.0	601.8	802.5	1107.4	1665.6	2302.6	2978.7	3667.3
-25°	357.4	389.0	427.4	469.5	520.5	598.6	758.6	943.7	1356.1	1742.1	2188.1
-27.5°	338.8	366.4	396.3	428.8	466.8	509.4	576.4	659.8	802.0	908.2	1193.7
-30°	319.8	342.9	368.6	396.8	424.4	457.8	492.6	537.7	584.9	638.8	721.6
-32.5°	304.2	321.7	341.8	365.0	388.5	414.1	440.8	468.4	494.9	522.6	550.2
-35°	288.6	303.1	319.5	337.0	355.8	375.1	393.7	415.2	434.0	450.9	464.6
-37.5°	275.3	285.5	299.0	313.0	328.0	343.3	357.7	371.2	382.7	395.8	405.5
-40°	264.2	271.3	281.9	292.8	304.5	314.2	326.6	337.2	345.9	353.8	359.9
-42.5°	254.7	261.1	268.2	277.0	286.0	295.1	303.1	308.9	313.3	318.6	323.1
-45°	247.1	252.2	257.4	263.8	270.6	278.8	286.3	291.0	291.0	291.2	292.3
-47.5°	239.6	244.4	248.8	253.0	257.9	264.2	270.6	273.6	273.4	272.1	271.4
-50°	232.1	237.0	241.0	244.4	247.8	251.6	255.5	257.5	258.2	257.7	257.1
-52.5°	223.9	228.5	233.0	236.8	239.3	241.5	243.5	245.7	246.9	247.1	247.0
-55°	213.8	218.7	223.2	227.1	230.3	233.0	235.3	237.1	238.5	239.6	240.4
-57.5°	201.8	207.3	212.2	216.2	219.8	223.1	226.2	228.8	230.8	232.4	233.7
-60°	188.1	194.0	198.8	203.3	207.3	211.1	214.2	217.3	220.2	222.8	224.7
-62.5°	172.7	178.4	183.2	187.9	192.4	196.2	199.3	202.3	205.1	207.3	208.7
-65°	155.3	160.5	165.6	170.1	174.1	177.7	181.4	184.6	187.4	189.4	190.8
-67.5°	137.4	142.1	146.8	151.2	155.1	158.6	161.9	164.9	167.7	169.9	171.3
-70°	119.4	123.6	127.7	131.6	135.2	138.4	141.4	144.0	146.2	148.2	149.8
-72.5°	100.8	104.6	108.0	111.2	114.1	117.0	119.8	122.2	124.3	126.1	127.6
-75°	81.5	84.8	88.0	90.9	93.4	95.6	97.7	99.5	101.2	102.8	104.0
-77.5°	63.2	65.8	68.1	70.4	72.5	74.5	76.2	77.6	78.7	80.1	81.3
-80°	45.0	47.0	48.9	50.5	52.0	53.8	55.5	57.0	58.4	59.3	60.0
-82.5°	29.9	31.1	32.2	33.3	34.2	35.4	36.5	37.5	38.5	39.1	39.6
-85°	17.5	18.1	18.6	19.1	19.6	20.2	20.7	21.1	21.5	22.1	22.7
-87.5°	7.4	7.3	7.1	7.0	6.8	7.3	7.7	8.2	8.7	8.8	8.9
-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: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.2
85°	23.3	23.8	23.1	22.4	23.1	23.8	23.3	22.7	22.1	21.5	21.1
82.5°	40.0	40.2	40.4	40.4	40.4	40.2	40.0	39.6	39.1	38.5	37.5
80°	60.6	61.0	62.0	62.8	62.0	61.0	60.6	60.0	59.3	58.4	57.0
77.5°	82.4	83.3	83.7	83.8	83.7	83.3	82.4	81.3	80.1	78.7	77.6
75°	105.0	105.7	107.5	109.2	107.5	105.7	105.0	104.0	102.8	101.2	99.5
72.5°	128.7	129.5	130.8	131.7	130.8	129.5	128.7	127.6	126.1	124.3	122.2
70°	151.0	151.9	152.4	152.6	152.4	151.9	151.0	149.8	148.2	146.2	144.0
67.5°	172.3	172.9	172.7	172.1	172.7	172.9	172.3	171.3	169.9	167.7	164.9
65°	191.7	192.3	192.1	191.5	192.1	192.3	191.7	190.8	189.4	187.4	184.6
62.5°	209.7	210.3	210.8	211.0	210.8	210.3	209.7	208.7	207.3	205.1	202.3
60°	226.5	227.9	228.7	228.9	228.7	227.9	226.5	224.7	222.8	220.2	217.3
57.5°	234.9	235.8	236.3	236.4	236.3	235.8	234.9	233.7	232.4	230.8	228.8
55°	240.7	240.8	240.3	239.4	240.3	240.8	240.7	240.4	239.6	238.5	237.1
52.5°	246.5	245.7	245.3	245.4	245.3	245.7	246.5	247.0	247.1	246.9	245.7
50°	256.3	254.8	254.2	254.4	254.2	254.8	256.3	257.1	257.7	258.2	257.5
47.5°	272.3	272.8	273.4	273.8	273.4	272.8	272.3	271.4	271.4	273.4	273.6
45°	295.3	297.4	298.7	299.3	298.7	297.4	295.3	292.3	291.2	291.0	291.0
42.5°	327.5	330.1	331.0	330.7	331.0	330.1	327.5	323.1	318.6	313.3	308.9
40°	366.2	371.2	374.1	374.1	374.1	371.2	366.2	359.9	353.8	345.9	337.2
37.5°	414.3	421.1	424.5	423.5	424.5	421.1	414.3	405.5	395.8	382.7	371.2
35°	475.2	481.8	484.6	487.8	484.6	481.8	475.2	464.6	450.9	434.0	415.2
32.5°	572.0	585.5	591.0	583.6	591.0	585.5	572.0	550.2	522.6	494.9	468.4
30°	777.6	827.3	860.5	876.8	860.5	827.3	777.6	721.6	638.8	584.9	537.7
27.5°	1390.1	1520.2	1575.2	1605.6	1575.2	1520.2	1390.1	1193.7	908.2	802.0	659.8
25°	2570.0	2847.5	3007.2	2994.1	3007.2	2847.5	2570.0	2188.1	1742.1	1356.1	943.7
22.5°	4307.1	4744.8	5007.5	5104.0	5007.5	4744.8	4307.1	3667.3	2978.7	2302.6	1665.6
20°	6460.6	6951.5	7208.2	7246.7	7208.2	6951.5	6460.6	5662.6	4706.4	3600.7	2695.6
17.5°	8932.2	9397.6	9668.1	9664.7	9668.1	9397.6	8932.2	7993.0	6799.5	5378.0	3977.4
15°	12747.9	14549.2	15565.0	15416.6	15565.0	14549.2	12747.9	10660.2	9127.5	7330.5	5420.7
12.5°	20888.4	28082.9	32545.7	33647.8	32545.7	28082.9	20888.4	15603.4	11704.7	9242.4	6951.3
10°	36912.6	47676.1	56272.0	58756.1	56272.0	47676.1	36912.6	25161.2	15945.3	11015.4	8236.9
7.5°	53096.3	65870.8	71128.1	71738.9	71128.1	65870.8	53096.3	37304.1	21796.0	13513.5	9336.1
5°	65311.8	78310.4	79814.8	76035.6	79814.8	78310.4	65311.8	47621.0	28947.8	16062.1	10060.0
2.5°	73375.1	83195.7	84598.2	82564.1	84598.2	83195.7	73375.1	54962.5	33084.5	17773.2	10547.0
0°	75214.0	81896.7	83889.0	84106.7	83889.0	81896.7	75214.0	57578.4	34699.7	18359.9	10677.7
-2.5°	73375.1	83195.7	84598.2	82564.1	84598.2	83195.7	73375.1	54962.5	33084.5	17773.2	10547.0
-5°	65311.8	78310.4	79814.8	76035.6	79814.8	78310.4	65311.8	47621.0	28947.8	16062.1	10060.0
-7.5°	53096.3	65870.8	71128.1	71738.9	71128.1	65870.8	53096.3	37304.1	21796.0	13513.5	9336.1
-10°	36912.6	47676.1	56272.0	58756.1	56272.0	47676.1	36912.6	25161.2	15945.3	11015.4	8236.9
-12.5°	20888.4	28082.9	32545.7	33647.8	32545.7	28082.9	20888.4	15603.4	11704.7	9242.4	6951.3
-15°	12747.9	14549.2	15565.0	15416.6	15565.0	14549.2	12747.9	10660.2	9127.5	7330.5	5420.7
-17.5°	8932.2	9397.6	9668.1	9664.7	9668.1	9397.6	8932.2	7993.0	6799.5	5378.0	3977.4
-20°	6460.6	6951.5	7208.2	7246.7	7208.2	6951.5	6460.6	5662.6	4706.4	3600.7	2695.6



REPORT NUMBER: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	4307.1	4744.8	5007.5	5104.0	5007.5	4744.8	4307.1	3667.3	2978.7	2302.6	1665.6
-25°	2570.0	2847.5	3007.2	2994.1	3007.2	2847.5	2570.0	2188.1	1742.1	1356.1	943.7
-27.5°	1390.1	1520.2	1575.2	1605.6	1575.2	1520.2	1390.1	1193.7	908.2	802.0	659.8
-30°	777.6	827.3	860.5	876.8	860.5	827.3	777.6	721.6	638.8	584.9	537.7
-32.5°	572.0	585.5	591.0	583.6	591.0	585.5	572.0	550.2	522.6	494.9	468.4
-35°	475.2	481.8	484.6	487.8	484.6	481.8	475.2	464.6	450.9	434.0	415.2
-37.5°	414.3	421.1	424.5	423.5	424.5	421.1	414.3	405.5	395.8	382.7	371.2
-40°	366.2	371.2	374.1	374.1	374.1	371.2	366.2	359.9	353.8	345.9	337.2
-42.5°	327.5	330.1	331.0	330.7	331.0	330.1	327.5	323.1	318.6	313.3	308.9
-45°	295.3	297.4	298.7	299.3	298.7	297.4	295.3	292.3	291.2	291.0	291.0
-47.5°	272.3	272.8	273.4	273.8	273.4	272.8	272.3	271.4	272.1	273.4	273.6
-50°	256.3	254.8	254.2	254.4	254.2	254.8	256.3	257.1	257.7	258.2	257.5
-52.5°	246.5	245.7	245.3	245.4	245.3	245.7	246.5	247.0	247.1	246.9	245.7
-55°	240.7	240.8	240.3	239.4	240.3	240.8	240.7	240.4	239.6	238.5	237.1
-57.5°	234.9	235.8	236.3	236.4	236.3	235.8	234.9	233.7	232.4	230.8	228.8
-60°	226.5	227.9	228.7	228.9	228.7	227.9	226.5	224.7	222.8	220.2	217.3
-62.5°	209.7	210.3	210.8	211.0	210.8	210.3	209.7	208.7	207.3	205.1	202.3
-65°	191.7	192.3	192.1	191.5	192.1	192.3	191.7	190.8	189.4	187.4	184.6
-67.5°	172.3	172.9	172.7	172.1	172.7	172.9	172.3	171.3	169.9	167.7	164.9
-70°	151.0	151.9	152.4	152.6	152.4	151.9	151.0	149.8	148.2	146.2	144.0
-72.5°	128.7	129.5	130.8	131.7	130.8	129.5	128.7	127.6	126.1	124.3	122.2
-75°	105.0	105.7	107.5	109.2	107.5	105.7	105.0	104.0	102.8	101.2	99.5
-77.5°	82.4	83.3	83.7	83.8	83.7	83.3	82.4	81.3	80.1	78.7	77.6
-80°	60.6	61.0	62.0	62.8	62.0	61.0	60.6	60.0	59.3	58.4	57.0
-82.5°	40.0	40.2	40.4	40.4	40.4	40.2	40.0	39.6	39.1	38.5	37.5
-85°	23.3	23.8	23.1	22.4	23.1	23.8	23.3	22.7	22.1	21.5	21.1
-87.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.7	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: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
85°	20.7	20.2	19.6	19.1	18.6	18.1	17.5	16.6	15.7	14.8	13.9
82.5°	36.5	35.4	34.2	33.3	32.2	31.1	29.9	28.5	27.0	25.2	23.2
80°	55.5	53.8	52.0	50.5	48.9	47.0	45.0	43.0	41.0	39.0	36.9
77.5°	76.2	74.5	72.5	70.4	68.1	65.8	63.2	60.3	57.4	54.4	51.3
75°	97.7	95.6	93.4	90.9	88.0	84.8	81.5	77.9	74.2	70.3	66.2
72.5°	119.8	117.0	114.1	111.2	108.0	104.6	100.8	96.5	91.9	86.9	82.0
70°	141.4	138.4	135.2	131.6	127.7	123.6	119.4	115.0	110.4	105.1	98.9
67.5°	161.9	158.6	155.1	151.2	146.8	142.1	137.4	132.5	127.2	121.7	115.3
65°	181.4	177.7	174.1	170.1	165.6	160.5	155.3	149.7	143.8	137.6	130.7
62.5°	199.3	196.2	192.4	187.9	183.2	178.4	172.7	166.4	159.9	153.2	145.6
60°	214.2	211.1	207.3	203.3	198.8	194.0	188.1	181.9	175.3	167.8	160.0
57.5°	226.2	223.1	219.8	216.2	212.2	207.3	201.8	196.0	189.1	181.6	173.7
55°	235.3	233.0	230.3	227.1	223.2	218.7	213.8	208.1	201.5	194.6	186.2
52.5°	243.5	241.5	239.3	236.8	233.0	228.5	223.9	218.4	212.6	205.5	197.8
50°	255.5	251.6	247.8	244.4	241.0	237.0	232.1	227.2	221.7	215.2	207.9
47.5°	270.6	264.2	257.9	253.0	248.8	244.4	239.6	234.7	229.6	223.7	216.6
45°	286.3	278.8	270.6	263.8	257.4	252.2	247.1	242.1	236.9	231.0	224.4
42.5°	303.1	295.1	286.0	277.0	268.2	261.1	254.7	249.5	243.8	238.0	231.2
40°	326.6	314.2	304.5	292.8	281.9	271.3	264.2	257.1	250.9	244.3	237.7
37.5°	357.7	343.3	328.0	313.0	299.0	285.5	275.3	266.5	258.3	251.1	243.6
35°	393.7	375.1	355.8	337.0	319.5	303.1	288.6	277.2	267.4	258.4	249.8
32.5°	440.8	414.1	388.5	365.0	341.8	321.7	304.2	289.4	277.4	267.2	256.9
30°	492.6	457.8	424.4	396.8	368.6	342.9	319.8	302.2	288.3	276.4	264.5
27.5°	576.4	509.4	466.8	428.8	396.3	366.4	338.8	313.7	298.4	285.7	272.8
25°	758.6	598.6	520.5	469.5	427.4	389.0	357.4	328.8	307.4	293.6	277.2
22.5°	1107.4	802.5	601.8	513.0	461.7	415.6	376.2	344.0	314.5	297.1	280.2
20°	1798.6	1114.3	770.8	585.0	499.3	441.7	395.3	358.9	326.2	301.0	282.4
17.5°	2732.7	1720.5	984.5	678.5	549.6	474.2	416.7	372.6	336.7	305.3	283.6
15°	3733.4	2408.9	1432.5	854.7	602.7	501.7	434.4	385.2	346.5	311.8	286.8
12.5°	4875.0	3129.5	1845.7	997.7	665.1	532.3	454.0	399.1	356.3	319.5	291.8
10°	5897.3	3857.6	2322.1	1294.5	769.7	563.1	472.0	411.3	365.3	326.0	295.7
7.5°	6730.8	4544.6	2753.3	1515.7	848.4	587.5	487.2	421.6	372.7	330.7	298.5
5°	7263.6	5051.3	3096.8	1681.3	903.1	603.7	497.6	429.3	378.3	333.6	300.4
2.5°	7641.1	5386.8	3314.1	1777.7	932.3	612.4	504.8	433.9	382.5	337.2	303.2
0°	7659.7	5500.5	3387.7	1861.4	938.2	615.0	510.2	435.4	384.6	339.7	305.2
-2.5°	7641.1	5386.8	3314.1	1777.7	932.3	612.4	504.8	433.9	382.5	337.2	303.2
-5°	7263.6	5051.3	3096.8	1681.3	903.1	603.7	497.6	429.3	378.3	333.6	300.4
-7.5°	6730.8	4544.6	2753.3	1515.7	848.4	587.5	487.2	421.6	372.7	330.7	298.5
-10°	5897.3	3857.6	2322.1	1294.5	769.7	563.1	472.0	411.3	365.3	326.0	295.7
-12.5°	4875.0	3129.5	1845.7	997.7	665.1	532.3	454.0	399.1	356.3	319.5	291.8
-15°	3733.4	2408.9	1432.5	854.7	602.7	501.7	434.4	385.2	346.5	311.8	286.8
-17.5°	2732.7	1720.5	984.5	678.5	549.6	474.2	416.7	372.6	336.7	305.3	283.6
-20°	1798.6	1114.3	770.8	585.0	499.3	441.7	395.3	358.9	326.2	301.0	282.4



REPORT NUMBER: P559007 (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°	1107.4	802.5	601.8	513.0	461.7	415.6	376.2	344.0	314.5	297.1	280.2
-25°	758.6	598.6	520.5	469.5	427.4	389.0	357.4	328.8	307.4	293.6	277.2
-27.5°	576.4	509.4	466.8	428.8	396.3	366.4	338.8	313.7	298.4	285.7	272.8
-30°	492.6	457.8	424.4	396.8	368.6	342.9	319.8	302.2	288.3	276.4	264.5
-32.5°	440.8	414.1	388.5	365.0	341.8	321.7	304.2	289.4	277.4	267.2	256.9
-35°	393.7	375.1	355.8	337.0	319.5	303.1	288.6	277.2	267.4	258.4	249.8
-37.5°	357.7	343.3	328.0	313.0	299.0	285.5	275.3	266.5	258.3	251.1	243.6
-40°	326.6	314.2	304.5	292.8	281.9	271.3	264.2	257.1	250.9	244.3	237.7
-42.5°	303.1	295.1	286.0	277.0	268.2	261.1	254.7	249.5	243.8	238.0	231.2
-45°	286.3	278.8	270.6	263.8	257.4	252.2	247.1	242.1	236.9	231.0	224.4
-47.5°	270.6	264.2	257.9	253.0	248.8	244.4	239.6	234.7	229.6	223.7	216.6
-50°	255.5	251.6	247.8	244.4	241.0	237.0	232.1	227.2	221.7	215.2	207.9
-52.5°	243.5	241.5	239.3	236.8	233.0	228.5	223.9	218.4	212.6	205.5	197.8
-55°	235.3	233.0	230.3	227.1	223.2	218.7	213.8	208.1	201.5	194.6	186.2
-57.5°	226.2	223.1	219.8	216.2	212.2	207.3	201.8	196.0	189.1	181.6	173.7
-60°	214.2	211.1	207.3	203.3	198.8	194.0	188.1	181.9	175.3	167.8	160.0
-62.5°	199.3	196.2	192.4	187.9	183.2	178.4	172.7	166.4	159.9	153.2	145.6
-65°	181.4	177.7	174.1	170.1	165.6	160.5	155.3	149.7	143.8	137.6	130.7
-67.5°	161.9	158.6	155.1	151.2	146.8	142.1	137.4	132.5	127.2	121.7	115.3
-70°	141.4	138.4	135.2	131.6	127.7	123.6	119.4	115.0	110.4	105.1	98.9
-72.5°	119.8	117.0	114.1	111.2	108.0	104.6	100.8	96.5	91.9	86.9	82.0
-75°	97.7	95.6	93.4	90.9	88.0	84.8	81.5	77.9	74.2	70.3	66.2
-77.5°	76.2	74.5	72.5	70.4	68.1	65.8	63.2	60.3	57.4	54.4	51.3
-80°	55.5	53.8	52.0	50.5	48.9	47.0	45.0	43.0	41.0	39.0	36.9
-82.5°	36.5	35.4	34.2	33.3	32.2	31.1	29.9	28.5	27.0	25.2	23.2
-85°	20.7	20.2	19.6	19.1	18.6	18.1	17.5	16.6	15.7	14.8	13.9
-87.5°	7.7	7.3	6.8	7.0	7.1	7.3	7.4	7.1	6.9	6.6	6.4
-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: P559007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
85°	13.3	12.6	11.8	11.0	10.0	9.0	8.3	7.6	6.9	6.1	5.4
82.5°	21.8	20.7	19.7	18.6	17.4	16.0	14.6	12.9	11.1	9.3	8.1
80°	34.6	32.2	29.9	27.6	25.3	23.1	21.2	19.1	16.6	14.1	11.7
77.5°	48.0	44.6	41.0	37.8	34.6	31.6	28.6	25.5	22.0	18.8	15.8
75°	61.9	57.8	53.5	49.1	44.5	40.0	36.1	32.3	28.1	23.6	19.8
72.5°	77.2	72.0	66.5	60.7	55.4	50.0	44.4	39.1	34.3	29.3	24.0
70°	92.7	86.7	80.6	73.8	66.8	60.0	53.7	47.2	40.6	34.9	29.0
67.5°	108.3	101.1	94.0	86.6	78.7	70.8	62.9	55.5	48.1	40.6	34.0
65°	123.2	115.3	106.9	98.6	90.1	81.4	72.6	63.9	55.5	47.2	39.0
62.5°	137.8	129.5	120.3	110.6	101.2	91.7	82.1	72.6	62.9	53.7	44.4
60°	151.8	142.9	133.3	122.7	112.2	101.8	91.4	81.1	70.6	60.0	50.0
57.5°	164.9	155.8	145.3	134.4	123.1	111.6	100.5	89.4	78.1	66.6	55.4
55°	177.4	167.7	156.9	145.5	133.5	121.3	109.5	97.5	85.4	73.1	60.7
52.5°	189.0	178.9	167.7	156.0	143.5	130.7	118.3	105.4	92.5	79.5	66.3
50°	199.4	189.2	177.9	165.8	153.1	140.0	127.0	113.3	99.4	85.6	71.7
47.5°	208.6	198.5	187.3	175.1	161.9	148.8	135.2	121.1	106.1	91.5	77.0
45°	216.4	207.2	196.0	183.6	170.8	157.1	142.9	128.7	112.9	97.3	82.1
42.5°	223.7	214.7	204.0	191.7	178.9	165.2	150.3	135.4	119.5	102.8	87.0
40°	230.0	221.5	211.4	199.4	186.8	173.0	157.4	141.7	125.9	108.3	91.7
37.5°	236.0	227.6	217.7	207.2	194.4	180.0	164.3	147.7	131.7	113.6	96.1
35°	241.5	232.9	224.3	213.9	201.3	186.8	170.9	153.4	136.6	118.6	100.3
32.5°	247.0	238.0	229.3	219.6	208.1	193.4	177.0	158.9	141.3	123.3	104.2
30°	253.1	242.6	233.9	224.9	214.1	199.3	182.4	164.0	145.7	127.7	108.0
27.5°	258.0	246.3	237.9	229.1	218.6	204.8	187.2	168.6	149.8	131.5	111.5
25°	262.1	249.9	240.9	232.6	222.8	209.3	191.5	172.6	153.6	134.9	114.8
22.5°	265.3	253.0	243.3	235.8	226.6	213.3	195.3	176.2	156.9	137.9	117.7
20°	267.0	255.2	245.1	238.5	229.9	216.3	198.6	179.3	159.9	140.6	120.3
17.5°	267.6	256.8	247.3	240.2	232.3	219.2	201.5	182.1	162.4	143.1	122.7
15°	270.1	258.3	249.0	241.7	234.4	222.1	203.9	184.5	164.5	145.2	124.7
12.5°	272.8	259.5	250.1	242.9	236.1	224.9	205.9	186.4	166.2	147.0	126.4
10°	275.1	260.3	250.7	243.9	237.5	227.5	207.5	188.0	168.0	148.5	127.7
7.5°	277.0	260.7	250.8	244.6	238.5	229.5	209.0	189.2	169.5	149.6	128.8
5°	278.4	260.9	250.7	245.1	239.5	230.8	210.1	189.9	170.7	150.4	129.6
2.5°	279.4	260.8	250.4	245.3	240.3	231.6	210.8	190.2	171.6	150.9	130.0
0°	279.8	260.4	249.9	245.4	240.9	231.9	211.0	190.0	172.1	151.1	130.2
-2.5°	279.4	260.8	250.4	245.3	240.3	231.6	210.8	190.2	171.6	150.9	130.0
-5°	278.4	260.9	250.7	245.1	239.5	230.8	210.1	189.9	170.7	150.4	129.6
-7.5°	277.0	260.7	250.8	244.6	238.5	229.5	209.0	189.2	169.5	149.6	128.8
-10°	275.1	260.3	250.7	243.9	237.5	227.5	207.5	188.0	168.0	148.5	127.7
-12.5°	272.8	259.5	250.1	242.9	236.1	224.9	205.9	186.4	166.2	147.0	126.4
-15°	270.1	258.3	249.0	241.7	234.4	222.1	203.9	184.5	164.5	145.2	124.7
-17.5°	267.6	256.8	247.3	240.2	232.3	219.2	201.5	182.1	162.4	143.1	122.7
-20°	267.0	255.2	245.1	238.5	229.9	216.3	198.6	179.3	159.9	140.6	120.3



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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°	265.3	253.0	243.3	235.8	226.6	213.3	195.3	176.2	156.9	137.9	117.7
-25°	262.1	249.9	240.9	232.6	222.8	209.3	191.5	172.6	153.6	134.9	114.8
-27.5°	258.0	246.3	237.9	229.1	218.6	204.8	187.2	168.6	149.8	131.5	111.5
-30°	253.1	242.6	233.9	224.9	214.1	199.3	182.4	164.0	145.7	127.7	108.0
-32.5°	247.0	238.0	229.3	219.6	208.1	193.4	177.0	158.9	141.3	123.3	104.2
-35°	241.5	232.9	224.3	213.9	201.3	186.8	170.9	153.4	136.6	118.6	100.3
-37.5°	236.0	227.6	217.7	207.2	194.4	180.0	164.3	147.7	131.7	113.6	96.1
-40°	230.0	221.5	211.4	199.4	186.8	173.0	157.4	141.7	125.9	108.3	91.7
-42.5°	223.7	214.7	204.0	191.7	178.9	165.2	150.3	135.4	119.5	102.8	87.0
-45°	216.4	207.2	196.0	183.6	170.8	157.1	142.9	128.7	112.9	97.3	82.1
-47.5°	208.6	198.5	187.3	175.1	161.9	148.8	135.2	121.1	106.1	91.5	77.0
-50°	199.4	189.2	177.9	165.8	153.1	140.0	127.0	113.3	99.4	85.6	71.7
-52.5°	189.0	178.9	167.7	156.0	143.5	130.7	118.3	105.4	92.5	79.5	66.3
-55°	177.4	167.7	156.9	145.5	133.5	121.3	109.5	97.5	85.4	73.1	60.7
-57.5°	164.9	155.8	145.3	134.4	123.1	111.6	100.5	89.4	78.1	66.6	55.4
-60°	151.8	142.9	133.3	122.7	112.2	101.8	91.4	81.1	70.6	60.0	50.0
-62.5°	137.8	129.5	120.3	110.6	101.2	91.7	82.1	72.6	62.9	53.7	44.4
-65°	123.2	115.3	106.9	98.6	90.1	81.4	72.6	63.9	55.5	47.2	39.0
-67.5°	108.3	101.1	94.0	86.6	78.7	70.8	62.9	55.5	48.1	40.6	34.0
-70°	92.7	86.7	80.6	73.8	66.8	60.0	53.7	47.2	40.6	34.9	29.0
-72.5°	77.2	72.0	66.5	60.7	55.4	50.0	44.4	39.1	34.3	29.3	24.0
-75°	61.9	57.8	53.5	49.1	44.5	40.0	36.1	32.3	28.1	23.6	19.8
-77.5°	48.0	44.6	41.0	37.8	34.6	31.6	28.6	25.5	22.0	18.8	15.8
-80°	34.6	32.2	29.9	27.6	25.3	23.1	21.2	19.1	16.6	14.1	11.7
-82.5°	21.8	20.7	19.7	18.6	17.4	16.0	14.6	12.9	11.1	9.3	8.1
-85°	13.3	12.6	11.8	11.0	10.0	9.0	8.3	7.6	6.9	6.1	5.4
-87.5°	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.8	3.4	3.1	2.7
-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°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.4	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	12.8	10.0	7.8	5.8	3.9	1.9	0.0
75°	16.2	12.9	9.4	7.0	4.7	2.3	0.0
72.5°	19.6	15.8	11.8	8.1	5.4	2.7	0.0
70°	23.1	18.7	14.2	9.3	6.1	3.1	0.0
67.5°	27.4	21.5	16.5	11.1	6.9	3.4	0.0
65°	31.7	24.7	18.8	12.9	7.6	3.8	0.0
62.5°	35.9	28.1	21.0	14.6	8.3	4.2	0.0
60°	39.9	31.5	23.2	16.3	9.0	4.5	0.0
57.5°	44.5	34.7	25.8	17.9	10.1	4.8	0.0
55°	49.1	37.8	28.3	19.6	11.2	5.2	0.0
52.5°	53.5	41.0	30.7	21.1	12.2	5.5	0.0
50°	57.8	44.6	33.0	22.7	13.2	5.8	0.0
47.5°	61.9	48.0	35.3	24.2	14.2	6.1	0.0
45°	66.3	51.3	37.4	25.8	15.2	6.4	0.0
42.5°	70.6	54.5	39.4	27.3	16.1	6.6	0.0
40°	74.7	57.5	41.6	28.8	16.9	6.9	0.0
37.5°	78.6	60.4	43.9	30.1	17.7	7.1	0.0
35°	82.3	63.3	46.1	31.4	18.5	7.4	0.0
32.5°	85.8	66.2	48.1	32.6	19.2	7.6	0.0
30°	89.0	69.0	50.0	33.7	19.9	7.8	0.0
27.5°	91.9	71.5	51.8	34.8	20.5	8.0	0.0
25°	94.6	73.9	53.5	35.7	21.1	8.2	0.0
22.5°	97.1	76.1	55.1	36.6	21.6	8.3	0.0
20°	99.4	78.0	56.6	37.4	22.1	8.5	0.0
17.5°	101.3	79.7	57.9	38.1	22.5	8.6	0.0
15°	103.0	81.2	59.0	38.7	22.9	8.7	0.0
12.5°	104.4	82.5	60.1	39.2	23.2	8.8	0.0
10°	105.6	83.5	60.9	39.6	23.4	8.9	0.0
7.5°	106.5	84.3	61.6	40.0	23.6	8.9	0.0
5°	107.2	84.9	62.2	40.2	23.8	9.0	0.0
2.5°	107.6	85.2	62.6	40.4	23.9	9.0	0.0
0°	107.7	85.3	62.8	40.4	23.9	9.0	0.0
-2.5°	107.6	85.2	62.6	40.4	23.9	9.0	0.0
-5°	107.2	84.9	62.2	40.2	23.8	9.0	0.0
-7.5°	106.5	84.3	61.6	40.0	23.6	8.9	0.0
-10°	105.6	83.5	60.9	39.6	23.4	8.9	0.0
-12.5°	104.4	82.5	60.1	39.2	23.2	8.8	0.0
-15°	103.0	81.2	59.0	38.7	22.9	8.7	0.0
-17.5°	101.3	79.7	57.9	38.1	22.5	8.6	0.0
-20°	99.4	78.0	56.6	37.4	22.1	8.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	97.1	76.1	55.1	36.6	21.6	8.3	0.0
-25°	94.6	73.9	53.5	35.7	21.1	8.2	0.0
-27.5°	91.9	71.5	51.8	34.8	20.5	8.0	0.0
-30°	89.0	69.0	50.0	33.7	19.9	7.8	0.0
-32.5°	85.8	66.2	48.1	32.6	19.2	7.6	0.0
-35°	82.3	63.3	46.1	31.4	18.5	7.4	0.0
-37.5°	78.6	60.4	43.9	30.1	17.7	7.1	0.0
-40°	74.7	57.5	41.6	28.8	16.9	6.9	0.0
-42.5°	70.6	54.5	39.4	27.3	16.1	6.6	0.0
-45°	66.3	51.3	37.4	25.8	15.2	6.4	0.0
-47.5°	61.9	48.0	35.3	24.2	14.2	6.1	0.0
-50°	57.8	44.6	33.0	22.7	13.2	5.8	0.0
-52.5°	53.5	41.0	30.7	21.1	12.2	5.5	0.0
-55°	49.1	37.8	28.3	19.6	11.2	5.2	0.0
-57.5°	44.5	34.7	25.8	17.9	10.1	4.8	0.0
-60°	39.9	31.5	23.2	16.3	9.0	4.5	0.0
-62.5°	35.9	28.1	21.0	14.6	8.3	4.2	0.0
-65°	31.7	24.7	18.8	12.9	7.6	3.8	0.0
-67.5°	27.4	21.5	16.5	11.1	6.9	3.4	0.0
-70°	23.1	18.7	14.2	9.3	6.1	3.1	0.0
-72.5°	19.6	15.8	11.8	8.1	5.4	2.7	0.0
-75°	16.2	12.9	9.4	7.0	4.7	2.3	0.0
-77.5°	12.8	10.0	7.8	5.8	3.9	1.9	0.0
-80°	9.4	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	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)