

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: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559103 (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-SA5E-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

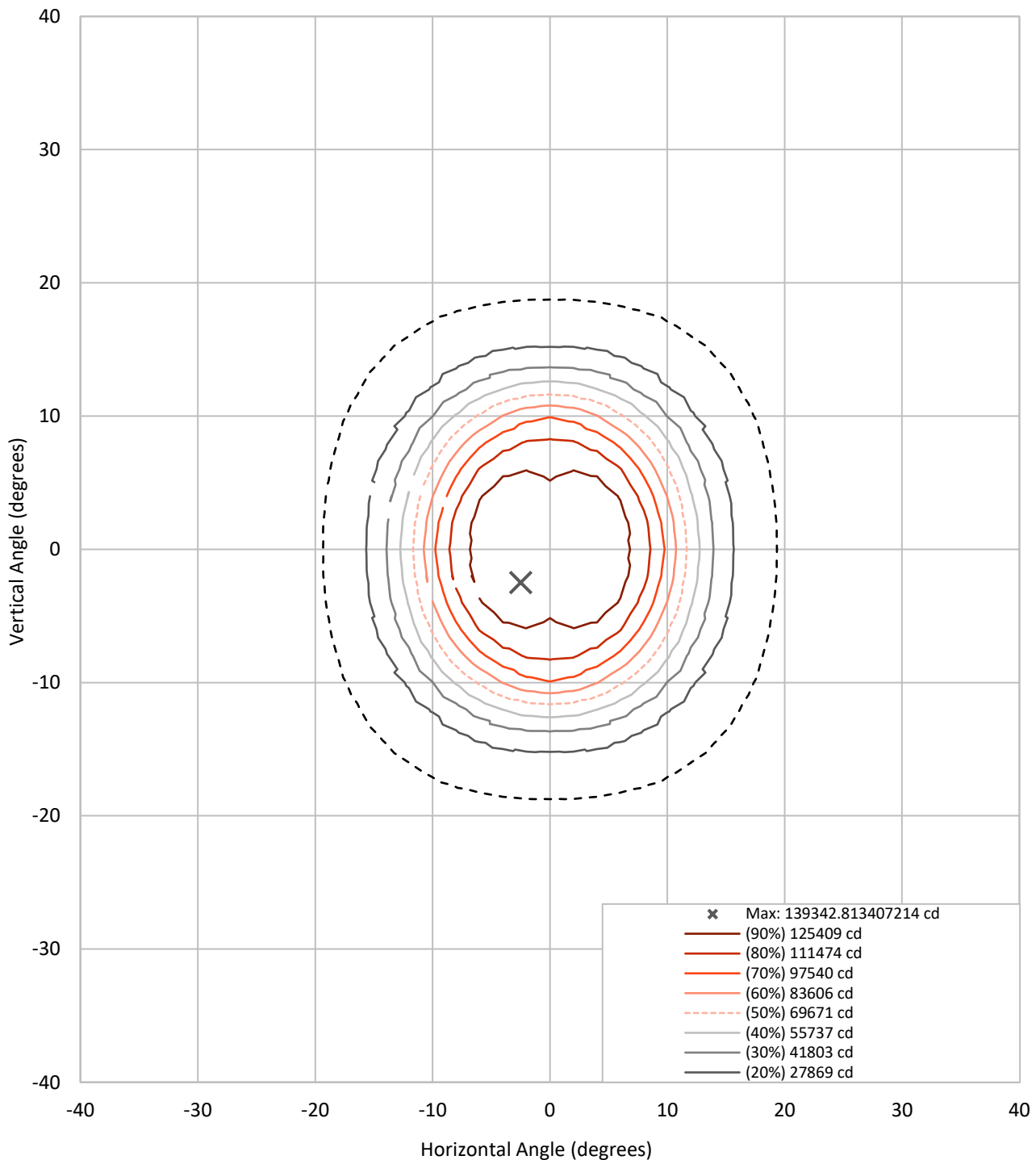
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	26349.6 lumens	Max Intensity:	139342.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	85.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	14225.3 lumens	Field Lumens:	21452.5 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 307
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





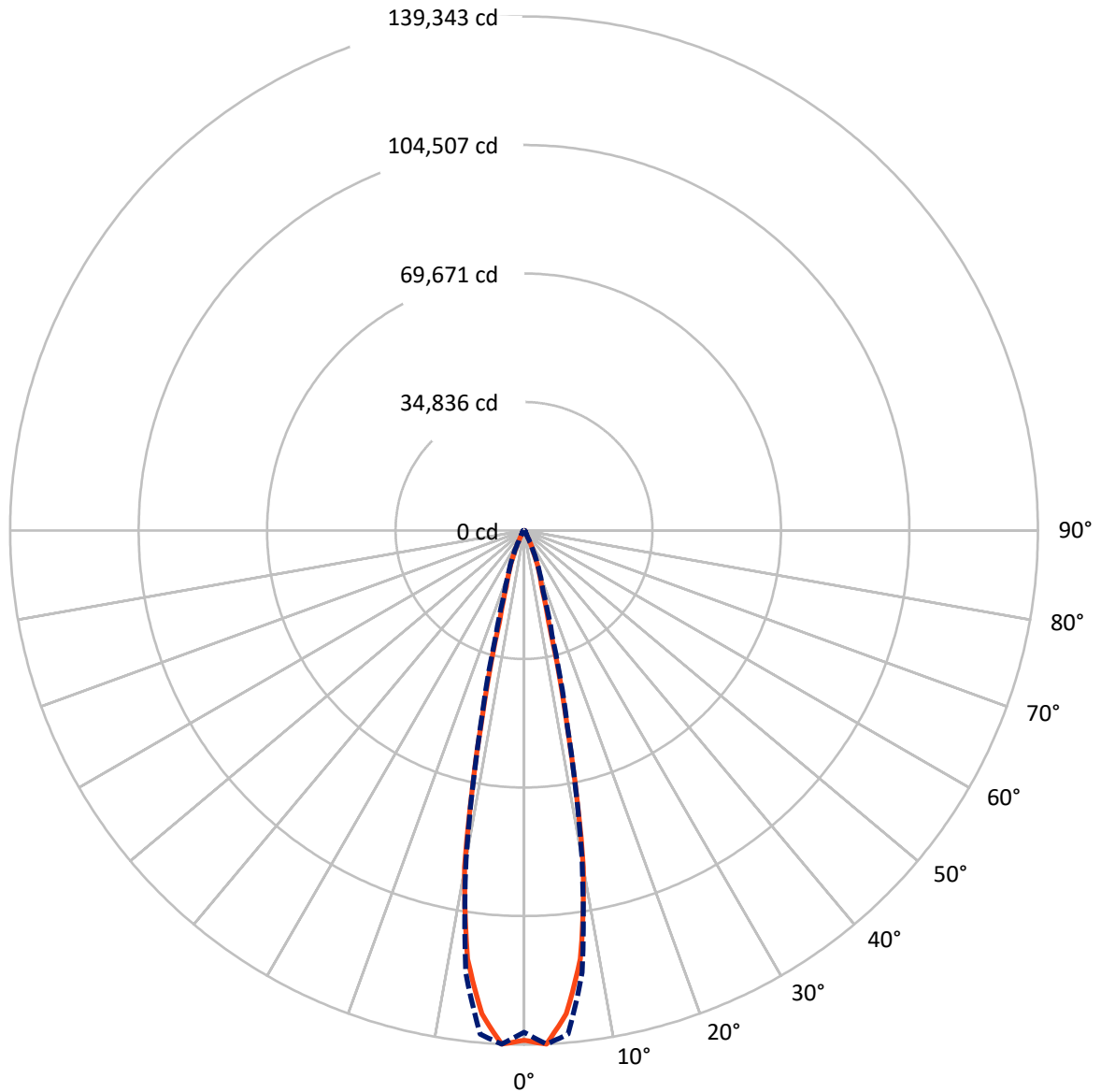
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Lumen Table

90																			
80	0.3	2.7		7.1		11.3		13.2		11.3		7.1		2.7		0.3			
70																			
60	1.2	1.4	2.8	4.6	6.4	7.9	9.0	9.5	9.5	9.0	7.9	6.4	4.6	2.8	1.4	1.2			
50		2.1	4.2	6.6	8.7	10.4	11.5	12.0	12.0	11.5	10.4	8.7	6.6	4.2	2.1				
40	2.2	2.7	5.3	7.9	10.2	12.4	14.3	15.1	15.1	14.3	12.4	10.2	7.9	5.3	2.7	2.2			
30		3.3	6.1	8.9	12.0	16.4	21.5	25.8	25.8	21.5	16.4	12.0	8.9	6.1	3.3				
20	2.9	3.7	6.7	9.8	14.9	26.9	80.9	157.7	157.7	80.9	26.9	14.9	9.8	6.7	3.7	2.9			
10		3.9	6.9	10.4	18.6	79.9	368.9	948.6	948.6	368.9	79.9	18.6	10.4	6.9	3.9				
0	3.2	4.1	7.1	11.0	22.2	155.7	960.6	3393.8	3393.8	960.6	155.7	22.2	11.0	7.1	4.1	3.2			
-10		4.1	7.1	11.0	22.2	155.7	960.6	3393.8	3393.8	960.6	155.7	22.2	11.0	7.1	4.1				
-20	2.9	3.9	6.9	10.4	18.6	79.9	368.9	948.6	948.6	368.9	79.9	18.6	10.4	6.9	3.9	2.9			
-30		3.7	6.7	9.8	14.9	26.9	80.9	157.7	157.7	80.9	26.9	14.9	9.8	6.7	3.7				
-40	2.2	3.3	6.1	8.9	12.0	16.4	21.5	25.8	25.8	21.5	16.4	12.0	8.9	6.1	3.3	2.2			
-50		2.7	5.3	7.9	10.2	12.4	14.3	15.1	15.1	14.3	12.4	10.2	7.9	5.3	2.7				
-60	1.2	2.1	4.2	6.6	8.7	10.4	11.5	12.0	12.0	11.5	10.4	8.7	6.6	4.2	2.1	1.2			
-70		1.4	2.8	4.6	6.4	7.9	9.0	9.5	9.5	9.0	7.9	6.4	4.6	2.8	1.4				
-80	0.3	2.7		7.1		11.3		13.2		11.3		7.1		2.7		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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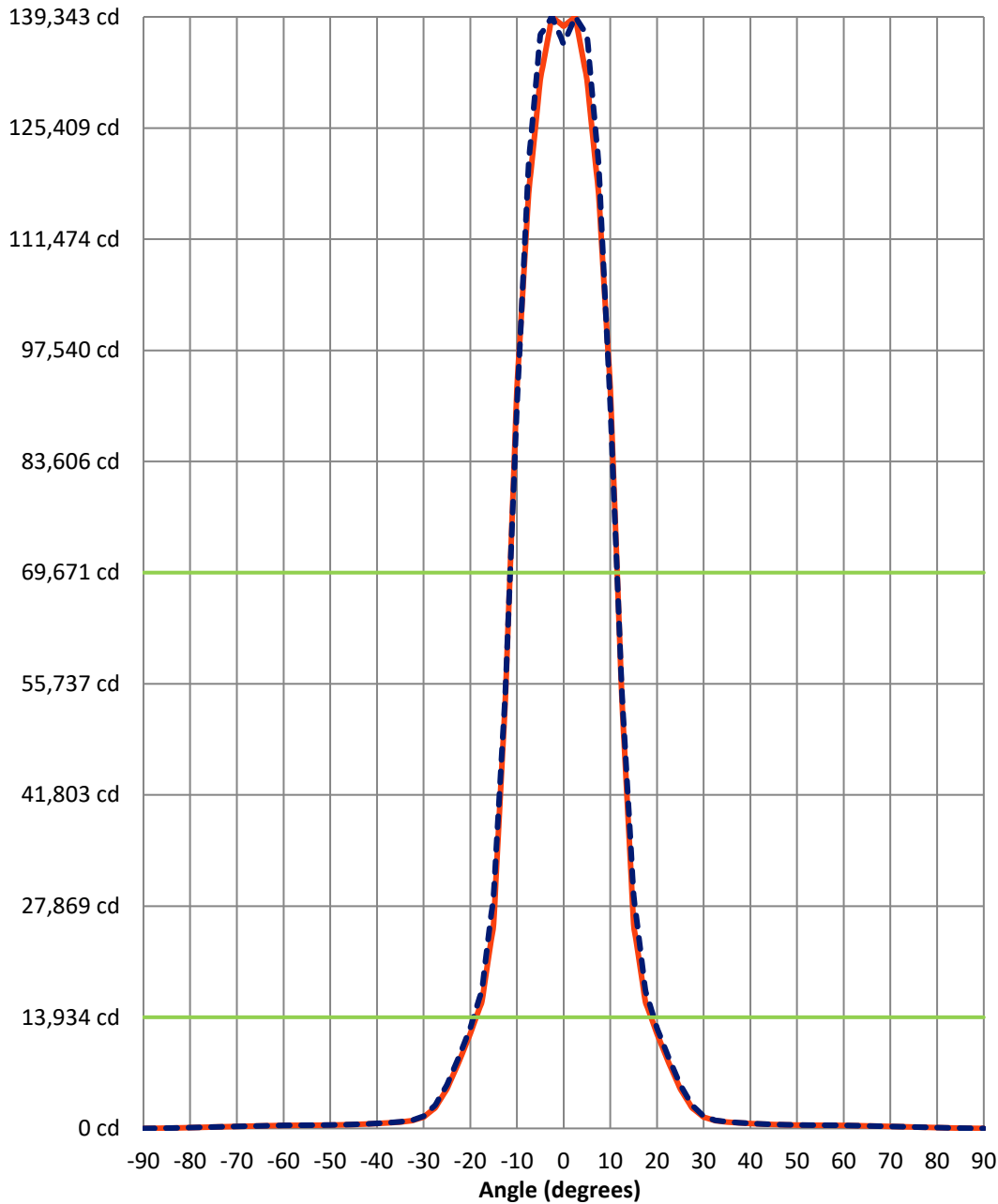
Luminous Intensity Polar Plot



— 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: 14225.3
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 21452.5
Efficiency: 81.4%

Spill:
Lumens: 4897.1
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	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.3
85°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.1	11.3	12.5
82.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	13.3	15.3	18.3	21.3
80°	0.0	2.6	5.1	7.7	10.2	12.8	15.5	19.3	23.2	27.3	31.6
77.5°	0.0	3.2	6.4	9.6	12.8	16.5	21.1	26.0	31.1	36.3	42.0
75°	0.0	3.8	7.7	11.5	15.5	21.3	26.8	32.6	38.9	46.3	53.2
72.5°	0.0	4.4	8.9	13.3	19.4	26.1	32.4	39.6	48.3	56.5	64.3
70°	0.0	5.1	10.1	15.4	23.3	30.8	38.1	47.9	57.6	66.8	77.7
67.5°	0.0	5.7	11.3	18.3	27.2	35.5	45.3	56.1	66.8	79.2	91.4
65°	0.0	6.3	12.5	21.2	30.9	40.7	52.3	64.2	77.7	91.4	105.3
62.5°	0.0	6.8	13.7	24.0	34.7	46.3	59.1	73.1	88.4	103.6	119.5
60°	0.0	7.4	14.8	26.8	38.3	51.8	65.8	82.3	98.9	116.3	133.5
57.5°	0.0	8.0	16.6	29.6	42.5	57.2	73.3	91.3	109.7	128.6	147.2
55°	0.0	8.5	18.4	32.2	46.6	62.3	80.8	100.1	120.4	140.7	160.6
52.5°	0.0	9.0	20.1	34.9	50.6	67.5	88.1	109.2	130.9	152.4	173.6
50°	0.0	9.5	21.8	37.4	54.4	73.4	95.2	118.1	141.0	163.8	186.7
47.5°	0.0	10.0	23.4	39.9	58.1	79.0	102.1	126.8	150.7	174.8	199.4
45°	0.0	10.5	25.0	42.5	61.6	84.5	109.3	135.2	160.3	185.9	211.9
42.5°	0.0	10.9	26.5	45.0	64.9	89.7	116.3	143.3	169.5	196.8	223.0
40°	0.0	11.3	27.9	47.4	68.5	94.7	123.0	151.0	178.4	207.3	233.4
37.5°	0.0	11.7	29.2	49.6	72.3	99.4	129.4	158.3	187.2	216.8	243.2
35°	0.0	12.1	30.5	51.7	75.9	104.3	135.6	165.2	195.4	225.0	252.7
32.5°	0.0	12.5	31.7	53.7	79.2	109.1	141.3	171.8	203.1	232.7	261.8
30°	0.0	12.8	32.8	55.6	82.4	113.6	146.5	177.9	210.3	240.0	270.1
27.5°	0.0	13.1	33.8	57.3	85.4	117.8	151.4	183.8	216.6	246.7	277.6
25°	0.0	13.4	34.8	58.8	88.2	121.7	155.9	189.1	222.1	253.0	284.3
22.5°	0.0	13.7	35.6	60.3	90.8	125.3	160.0	193.9	227.1	258.5	290.2
20°	0.0	13.9	36.4	61.6	93.2	128.5	163.8	198.2	231.6	263.4	295.4
17.5°	0.0	14.1	37.1	62.7	95.4	131.4	167.0	202.1	235.6	267.5	300.0
15°	0.0	14.3	37.7	63.7	97.3	133.8	169.8	205.3	239.1	271.0	303.9
12.5°	0.0	14.4	38.2	64.6	99.0	135.9	172.1	208.1	242.1	273.8	307.2
10°	0.0	14.6	38.7	65.3	100.4	137.6	174.0	210.4	244.5	276.7	309.8
7.5°	0.0	14.7	39.0	65.8	101.6	138.9	175.6	212.1	246.4	279.2	311.7
5°	0.0	14.7	39.2	66.2	102.5	139.8	176.6	213.4	247.8	281.2	312.9
2.5°	0.0	14.8	39.4	66.4	103.1	140.3	177.3	214.1	248.6	282.6	313.3
0°	0.0	14.8	39.4	66.5	103.5	140.5	177.5	214.4	248.9	283.4	313.0
-2.5°	0.0	14.8	39.4	66.4	103.1	140.3	177.3	214.1	248.6	282.6	313.3
-5°	0.0	14.7	39.2	66.2	102.5	139.8	176.6	213.4	247.8	281.2	312.9
-7.5°	0.0	14.7	39.0	65.8	101.6	138.9	175.6	212.1	246.4	279.2	311.7
-10°	0.0	14.6	38.7	65.3	100.4	137.6	174.0	210.4	244.5	276.7	309.8
-12.5°	0.0	14.4	38.2	64.6	99.0	135.9	172.1	208.1	242.1	273.8	307.2
-15°	0.0	14.3	37.7	63.7	97.3	133.8	169.8	205.3	239.1	271.0	303.9
-17.5°	0.0	14.1	37.1	62.7	95.4	131.4	167.0	202.1	235.6	267.5	300.0
-20°	0.0	13.9	36.4	61.6	93.2	128.5	163.8	198.2	231.6	263.4	295.4



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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	13.7	35.6	60.3	90.8	125.3	160.0	193.9	227.1	258.5	290.2
-25°	0.0	13.4	34.8	58.8	88.2	121.7	155.9	189.1	222.1	253.0	284.3
-27.5°	0.0	13.1	33.8	57.3	85.4	117.8	151.4	183.8	216.6	246.7	277.6
-30°	0.0	12.8	32.8	55.6	82.4	113.6	146.5	177.9	210.3	240.0	270.1
-32.5°	0.0	12.5	31.7	53.7	79.2	109.1	141.3	171.8	203.1	232.7	261.8
-35°	0.0	12.1	30.5	51.7	75.9	104.3	135.6	165.2	195.4	225.0	252.7
-37.5°	0.0	11.7	29.2	49.6	72.3	99.4	129.4	158.3	187.2	216.8	243.2
-40°	0.0	11.3	27.9	47.4	68.5	94.7	123.0	151.0	178.4	207.3	233.4
-42.5°	0.0	10.9	26.5	45.0	64.9	89.7	116.3	143.3	169.5	196.8	223.0
-45°	0.0	10.5	25.0	42.5	61.6	84.5	109.3	135.2	160.3	185.9	211.9
-47.5°	0.0	10.0	23.4	39.9	58.1	79.0	102.1	126.8	150.7	174.8	199.4
-50°	0.0	9.5	21.8	37.4	54.4	73.4	95.2	118.1	141.0	163.8	186.7
-52.5°	0.0	9.0	20.1	34.9	50.6	67.5	88.1	109.2	130.9	152.4	173.6
-55°	0.0	8.5	18.4	32.2	46.6	62.3	80.8	100.1	120.4	140.7	160.6
-57.5°	0.0	8.0	16.6	29.6	42.5	57.2	73.3	91.3	109.7	128.6	147.2
-60°	0.0	7.4	14.8	26.8	38.3	51.8	65.8	82.3	98.9	116.3	133.5
-62.5°	0.0	6.8	13.7	24.0	34.7	46.3	59.1	73.1	88.4	103.6	119.5
-65°	0.0	6.3	12.5	21.2	30.9	40.7	52.3	64.2	77.7	91.4	105.3
-67.5°	0.0	5.7	11.3	18.3	27.2	35.5	45.3	56.1	66.8	79.2	91.4
-70°	0.0	5.1	10.1	15.4	23.3	30.8	38.1	47.9	57.6	66.8	77.7
-72.5°	0.0	4.4	8.9	13.3	19.4	26.1	32.4	39.6	48.3	56.5	64.3
-75°	0.0	3.8	7.7	11.5	15.5	21.3	26.8	32.6	38.9	46.3	53.2
-77.5°	0.0	3.2	6.4	9.6	12.8	16.5	21.1	26.0	31.1	36.3	42.0
-80°	0.0	2.6	5.1	7.7	10.2	12.8	15.5	19.3	23.2	27.3	31.6
-82.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	13.3	15.3	18.3	21.3
-85°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	8.9	10.1	11.3	12.5
-87.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.3
-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°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
85°	13.7	14.8	16.5	18.0	19.5	20.8	21.9	23.0	24.4	25.9	27.4
82.5°	24.0	26.5	28.7	30.8	32.6	34.2	35.9	38.3	41.5	44.5	47.1
80°	35.0	38.1	41.8	45.5	49.3	53.1	57.0	60.8	64.2	67.5	70.9
77.5°	47.0	52.0	57.0	62.2	67.5	73.4	79.0	84.5	89.6	94.5	99.4
75°	59.5	65.8	73.3	80.8	88.1	95.2	102.1	109.1	115.8	122.2	128.4
72.5°	73.1	82.3	91.3	100.1	109.6	118.7	127.1	135.0	143.1	151.4	159.0
70°	88.4	98.9	110.1	121.5	132.7	142.8	152.8	163.0	173.1	181.9	189.5
67.5°	103.6	116.6	129.6	142.6	154.9	166.5	178.5	189.9	200.4	209.5	218.2
65°	119.6	134.1	148.5	162.5	176.1	189.9	203.0	215.2	226.6	236.9	246.6
62.5°	135.2	151.1	166.7	182.2	198.1	213.2	226.9	239.9	252.5	263.5	274.0
60°	150.6	167.7	184.8	202.2	219.5	235.4	250.1	263.6	276.4	288.7	299.5
57.5°	165.6	183.9	202.7	221.4	239.4	256.7	271.6	286.0	299.1	311.5	322.9
55°	180.4	199.8	219.9	239.6	258.5	276.2	292.2	306.7	320.6	331.9	342.8
52.5°	194.9	215.3	236.4	257.0	276.2	294.6	311.2	325.8	338.5	350.1	359.7
50°	209.2	230.5	252.2	273.1	293.0	311.7	328.4	342.4	354.5	365.2	374.3
47.5°	222.7	245.1	266.7	288.4	308.5	327.0	343.5	356.7	368.6	378.2	386.6
45°	235.4	258.8	281.2	302.4	322.9	341.2	356.4	369.7	380.5	390.2	398.7
42.5°	247.5	272.0	294.7	315.9	336.0	353.6	368.5	380.9	392.0	401.5	410.9
40°	259.2	284.8	307.7	328.5	348.2	364.9	378.9	391.5	402.4	413.2	423.4
37.5°	270.6	296.5	320.2	341.2	358.6	374.9	388.7	401.2	413.5	425.3	439.0
35°	281.5	307.7	331.6	352.3	369.5	383.7	397.8	411.5	425.6	440.5	456.5
32.5°	291.5	318.5	342.6	361.8	377.8	392.1	406.8	423.2	440.0	457.0	476.7
30°	300.5	328.2	352.5	370.5	385.3	399.5	416.8	435.6	455.3	474.9	497.8
27.5°	308.3	337.4	360.1	377.4	391.9	405.6	424.9	449.3	470.6	491.5	516.8
25°	315.5	344.7	366.9	383.2	396.9	411.6	431.6	456.6	483.6	506.4	541.6
22.5°	321.8	351.3	373.3	388.4	400.7	416.6	436.9	461.6	489.4	518.0	566.8
20°	327.2	356.2	378.7	392.8	403.7	420.2	439.8	465.1	495.9	537.3	591.2
17.5°	331.8	361.1	382.7	395.7	407.3	422.9	440.8	467.1	502.9	554.7	613.7
15°	335.9	365.9	386.1	398.1	410.1	425.5	445.0	472.3	513.6	570.7	634.4
12.5°	339.2	370.5	388.9	400.1	411.9	427.4	449.3	480.6	526.3	586.7	657.2
10°	341.8	374.7	391.1	401.7	412.9	428.7	453.1	487.1	536.9	601.6	677.5
7.5°	344.2	378.1	392.9	402.8	413.1	429.4	456.2	491.8	544.6	613.8	694.4
5°	346.0	380.3	394.5	403.6	412.9	429.6	458.5	494.7	549.4	623.1	707.1
2.5°	347.1	381.6	395.8	404.1	412.4	429.5	460.3	499.5	555.4	630.0	714.8
0°	347.5	382.0	396.8	404.2	411.6	428.8	460.9	502.8	559.5	633.4	717.2
-2.5°	347.1	381.6	395.8	404.1	412.4	429.5	460.3	499.5	555.4	630.0	714.8
-5°	346.0	380.3	394.5	403.6	412.9	429.6	458.5	494.7	549.4	623.1	707.1
-7.5°	344.2	378.1	392.9	402.8	413.1	429.4	456.2	491.8	544.6	613.8	694.4
-10°	341.8	374.7	391.1	401.7	412.9	428.7	453.1	487.1	536.9	601.6	677.5
-12.5°	339.2	370.5	388.9	400.1	411.9	427.4	449.3	480.6	526.3	586.7	657.2
-15°	335.9	365.9	386.1	398.1	410.1	425.5	445.0	472.3	513.6	570.7	634.4
-17.5°	331.8	361.1	382.7	395.7	407.3	422.9	440.8	467.1	502.9	554.7	613.7
-20°	327.2	356.2	378.7	392.8	403.7	420.2	439.8	465.1	495.9	537.3	591.2



REPORT NUMBER: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	321.8	351.3	373.3	388.4	400.7	416.6	436.9	461.6	489.4	518.0	566.8
-25°	315.5	344.7	366.9	383.2	396.9	411.6	431.6	456.6	483.6	506.4	541.6
-27.5°	308.3	337.4	360.1	377.4	391.9	405.6	424.9	449.3	470.6	491.5	516.8
-30°	300.5	328.2	352.5	370.5	385.3	399.5	416.8	435.6	455.3	474.9	497.8
-32.5°	291.5	318.5	342.6	361.8	377.8	392.1	406.8	423.2	440.0	457.0	476.7
-35°	281.5	307.7	331.6	352.3	369.5	383.7	397.8	411.5	425.6	440.5	456.5
-37.5°	270.6	296.5	320.2	341.2	358.6	374.9	388.7	401.2	413.5	425.3	439.0
-40°	259.2	284.8	307.7	328.5	348.2	364.9	378.9	391.5	402.4	413.2	423.4
-42.5°	247.5	272.0	294.7	315.9	336.0	353.6	368.5	380.9	392.0	401.5	410.9
-45°	235.4	258.8	281.2	302.4	322.9	341.2	356.4	369.7	380.5	390.2	398.7
-47.5°	222.7	245.1	266.7	288.4	308.5	327.0	343.5	356.7	368.6	378.2	386.6
-50°	209.2	230.5	252.2	273.1	293.0	311.7	328.4	342.4	354.5	365.2	374.3
-52.5°	194.9	215.3	236.4	257.0	276.2	294.6	311.2	325.8	338.5	350.1	359.7
-55°	180.4	199.8	219.9	239.6	258.5	276.2	292.2	306.7	320.6	331.9	342.8
-57.5°	165.6	183.9	202.7	221.4	239.4	256.7	271.6	286.0	299.1	311.5	322.9
-60°	150.6	167.7	184.8	202.2	219.5	235.4	250.1	263.6	276.4	288.7	299.5
-62.5°	135.2	151.1	166.7	182.2	198.1	213.2	226.9	239.9	252.5	263.5	274.0
-65°	119.6	134.1	148.5	162.5	176.1	189.9	203.0	215.2	226.6	236.9	246.6
-67.5°	103.6	116.6	129.6	142.6	154.9	166.5	178.5	189.9	200.4	209.5	218.2
-70°	88.4	98.9	110.1	121.5	132.7	142.8	152.8	163.0	173.1	181.9	189.5
-72.5°	73.1	82.3	91.3	100.1	109.6	118.7	127.1	135.0	143.1	151.4	159.0
-75°	59.5	65.8	73.3	80.8	88.1	95.2	102.1	109.1	115.8	122.2	128.4
-77.5°	47.0	52.0	57.0	62.2	67.5	73.4	79.0	84.5	89.6	94.5	99.4
-80°	35.0	38.1	41.8	45.5	49.3	53.1	57.0	60.8	64.2	67.5	70.9
-82.5°	24.0	26.5	28.7	30.8	32.6	34.2	35.9	38.3	41.5	44.5	47.1
-85°	13.7	14.8	16.5	18.0	19.5	20.8	21.9	23.0	24.4	25.9	27.4
-87.5°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
-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: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	12.1	12.0	11.7	11.5	11.2	11.9	12.7	13.5	14.3	14.4	14.6
85°	28.9	29.8	30.7	31.6	32.4	33.3	34.2	34.9	35.5	36.5	37.5
82.5°	49.3	51.3	53.2	54.9	56.4	58.3	60.1	61.8	63.4	64.4	65.2
80°	74.2	77.5	80.6	83.2	85.6	88.5	91.3	93.9	96.2	97.7	98.9
77.5°	104.1	108.3	112.2	115.9	119.3	122.7	125.5	127.8	129.7	131.9	134.0
75°	134.2	139.7	145.0	149.7	153.9	157.5	160.9	164.0	166.8	169.3	171.4
72.5°	166.0	172.3	178.0	183.1	188.0	192.8	197.3	201.3	204.7	207.7	210.1
70°	196.7	203.5	210.3	216.8	222.7	228.0	232.9	237.2	240.9	244.1	246.7
67.5°	226.3	234.1	241.8	249.1	255.5	261.2	266.6	271.7	276.3	279.8	282.2
65°	255.8	264.5	272.8	280.2	286.7	292.6	298.8	304.1	308.7	312.0	314.2
62.5°	284.4	293.8	301.8	309.5	316.9	323.1	328.3	333.2	337.8	341.4	343.7
60°	309.9	319.7	327.5	334.8	341.5	347.6	352.8	357.9	362.7	367.0	370.2
57.5°	332.5	341.5	349.5	356.1	362.1	367.6	372.6	376.9	380.2	382.7	385.0
55°	352.2	360.2	367.8	374.1	379.4	383.8	387.6	390.6	392.9	394.6	395.9
52.5°	368.9	376.4	383.8	390.0	394.1	397.7	401.0	404.6	406.7	407.0	406.8
50°	382.3	390.3	397.0	402.6	408.1	414.3	420.8	424.0	425.3	424.4	423.4
47.5°	394.7	402.5	409.8	416.7	424.7	435.1	445.7	450.7	450.3	448.1	447.0
45°	406.9	415.3	423.9	434.5	445.8	459.3	471.6	479.4	479.4	479.7	481.4
42.5°	419.5	430.0	441.7	456.2	471.0	486.1	499.2	508.8	516.0	524.8	532.0
40°	435.1	446.8	464.4	482.3	501.5	517.6	537.9	555.4	569.8	582.8	592.7
37.5°	453.4	470.2	492.5	515.5	540.4	565.5	589.2	611.4	630.3	651.9	668.0
35°	475.3	499.3	526.4	555.2	586.2	617.9	648.5	683.8	714.9	742.6	765.3
32.5°	501.0	529.9	563.1	601.3	640.0	682.0	726.0	771.4	815.1	860.7	906.2
30°	526.7	564.9	607.2	653.6	699.1	754.0	811.3	885.5	963.3	1052.1	1188.5
27.5°	558.0	603.6	652.8	706.3	768.9	839.1	949.4	1086.7	1320.9	1495.9	1966.1
25°	588.7	640.7	704.0	773.4	857.4	985.9	1249.4	1554.4	2233.6	2869.4	3604.0
22.5°	619.8	684.6	760.5	845.0	991.2	1321.8	1823.9	2743.5	3792.6	4906.2	6040.4
20°	651.1	727.5	822.5	963.7	1269.6	1835.3	2962.5	4440.0	5930.8	7751.9	9326.8
17.5°	686.4	781.1	905.3	1117.6	1621.7	2833.9	4501.0	6551.2	8858.2	11199.5	13165.3
15°	715.6	826.5	992.7	1407.9	2359.4	3967.7	6149.3	8928.5	12074.1	15034.0	17558.7
12.5°	747.7	876.8	1095.5	1643.3	3040.1	5154.6	8029.7	11449.7	15223.3	19278.9	25700.5
10°	777.5	927.5	1267.8	2132.2	3824.8	6353.9	9713.6	13567.1	18143.6	26263.7	41443.3
7.5°	802.5	967.6	1397.4	2496.5	4535.0	7485.4	11086.4	15377.6	22258.2	35900.5	61444.1
5°	819.5	994.3	1487.5	2769.2	5100.7	8320.1	11963.9	16569.9	26456.1	47680.3	78437.2
2.5°	831.5	1008.7	1535.5	2928.2	5458.6	8872.6	12585.7	17372.1	29274.5	54494.0	90529.5
0°	840.4	1013.0	1545.3	3066.0	5579.9	9059.9	12616.3	17587.5	30240.8	57154.3	94838.3
-2.5°	831.5	1008.7	1535.5	2928.2	5458.6	8872.6	12585.7	17372.1	29274.5	54494.0	90529.5
-5°	819.5	994.3	1487.5	2769.2	5100.7	8320.1	11963.9	16569.9	26456.1	47680.3	78437.2
-7.5°	802.5	967.6	1397.4	2496.5	4535.0	7485.4	11086.4	15377.6	22258.2	35900.5	61444.1
-10°	777.5	927.5	1267.8	2132.2	3824.8	6353.9	9713.6	13567.1	18143.6	26263.7	41443.3
-12.5°	747.7	876.8	1095.5	1643.3	3040.1	5154.6	8029.7	11449.7	15223.3	19278.9	25700.5
-15°	715.6	826.5	992.7	1407.9	2359.4	3967.7	6149.3	8928.5	12074.1	15034.0	17558.7
-17.5°	686.4	781.1	905.3	1117.6	1621.7	2833.9	4501.0	6551.2	8858.2	11199.5	13165.3
-20°	651.1	727.5	822.5	963.7	1269.6	1835.3	2962.5	4440.0	5930.8	7751.9	9326.8



REPORT NUMBER: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	619.8	684.6	760.5	845.0	991.2	1321.8	1823.9	2743.5	3792.6	4906.2	6040.4
-25°	588.7	640.7	704.0	773.4	857.4	985.9	1249.4	1554.4	2233.6	2869.4	3604.0
-27.5°	558.0	603.6	652.8	706.3	768.9	839.1	949.4	1086.7	1320.9	1495.9	1966.1
-30°	526.7	564.9	607.2	653.6	699.1	754.0	811.3	885.5	963.3	1052.1	1188.5
-32.5°	501.0	529.9	563.1	601.3	640.0	682.0	726.0	771.4	815.1	860.7	906.2
-35°	475.3	499.3	526.4	555.2	586.2	617.9	648.5	683.8	714.9	742.6	765.3
-37.5°	453.4	470.2	492.5	515.5	540.4	565.5	589.2	611.4	630.3	651.9	668.0
-40°	435.1	446.8	464.4	482.3	501.5	517.6	537.9	555.4	569.8	582.8	592.7
-42.5°	419.5	430.0	441.7	456.2	471.0	486.1	499.2	508.8	516.0	524.8	532.0
-45°	406.9	415.3	423.9	434.5	445.8	459.3	471.6	479.4	479.4	479.7	481.4
-47.5°	394.7	402.5	409.8	416.7	424.7	435.1	445.7	450.7	450.3	448.1	447.0
-50°	382.3	390.3	397.0	402.6	408.1	414.3	420.8	424.0	425.3	424.4	423.4
-52.5°	368.9	376.4	383.8	390.0	394.1	397.7	401.0	404.6	406.7	407.0	406.8
-55°	352.2	360.2	367.8	374.1	379.4	383.8	387.6	390.6	392.9	394.6	395.9
-57.5°	332.5	341.5	349.5	356.1	362.1	367.6	372.6	376.9	380.2	382.7	385.0
-60°	309.9	319.7	327.5	334.8	341.5	347.6	352.8	357.9	362.7	367.0	370.2
-62.5°	284.4	293.8	301.8	309.5	316.9	323.1	328.3	333.2	337.8	341.4	343.7
-65°	255.8	264.5	272.8	280.2	286.7	292.6	298.8	304.1	308.7	312.0	314.2
-67.5°	226.3	234.1	241.8	249.1	255.5	261.2	266.6	271.7	276.3	279.8	282.2
-70°	196.7	203.5	210.3	216.8	222.7	228.0	232.9	237.2	240.9	244.1	246.7
-72.5°	166.0	172.3	178.0	183.1	188.0	192.8	197.3	201.3	204.7	207.7	210.1
-75°	134.2	139.7	145.0	149.7	153.9	157.5	160.9	164.0	166.8	169.3	171.4
-77.5°	104.1	108.3	112.2	115.9	119.3	122.7	125.5	127.8	129.7	131.9	134.0
-80°	74.2	77.5	80.6	83.2	85.6	88.5	91.3	93.9	96.2	97.7	98.9
-82.5°	49.3	51.3	53.2	54.9	56.4	58.3	60.1	61.8	63.4	64.4	65.2
-85°	28.9	29.8	30.7	31.6	32.4	33.3	34.2	34.9	35.5	36.5	37.5
-87.5°	12.1	12.0	11.7	11.5	11.2	11.9	12.7	13.5	14.3	14.4	14.6
-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: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	14.7	14.7	14.8	14.8	14.8	14.7	14.7	14.6	14.4	14.3	13.5
85°	38.4	39.2	38.2	37.0	38.2	39.2	38.4	37.5	36.5	35.5	34.9
82.5°	65.8	66.2	66.4	66.5	66.4	66.2	65.8	65.2	64.4	63.4	61.8
80°	99.8	100.5	102.1	103.5	102.1	100.5	99.8	98.9	97.7	96.2	93.9
77.5°	135.8	137.3	137.8	138.0	137.8	137.3	135.8	134.0	131.9	129.7	127.8
75°	173.0	174.1	177.1	179.9	177.1	174.1	173.0	171.4	169.3	166.8	164.0
72.5°	212.0	213.3	215.3	216.9	215.3	213.3	212.0	210.1	207.7	204.7	201.3
70°	248.8	250.2	251.1	251.4	251.1	250.2	248.8	246.7	244.1	240.9	237.2
67.5°	283.8	284.8	284.5	283.4	284.5	284.8	283.8	282.2	279.8	276.3	271.7
65°	315.8	316.7	316.5	315.5	316.5	316.7	315.8	314.2	312.0	308.7	304.1
62.5°	345.3	346.3	347.2	347.5	347.2	346.3	345.3	343.7	341.4	337.8	333.2
60°	373.0	375.4	376.7	377.1	376.7	375.4	373.0	370.2	367.0	362.7	357.9
57.5°	386.9	388.5	389.2	389.4	389.2	388.5	386.9	385.0	382.7	380.2	376.9
55°	396.5	396.6	395.7	394.3	395.7	396.6	396.5	395.9	394.6	392.9	390.6
52.5°	406.0	404.6	404.1	404.2	404.1	404.6	406.0	406.8	407.0	406.7	404.6
50°	422.0	419.7	418.7	419.0	418.7	419.7	422.0	423.4	424.4	425.3	424.0
47.5°	448.5	449.4	450.4	451.0	450.4	449.4	448.5	447.0	448.1	450.3	450.7
45°	486.4	489.8	492.0	492.9	492.0	489.8	486.4	481.4	479.7	479.4	479.4
42.5°	539.4	543.6	545.2	544.7	545.2	543.6	539.4	532.0	524.8	516.0	508.8
40°	603.1	611.4	616.2	616.2	616.2	611.4	603.1	592.7	582.8	569.8	555.4
37.5°	682.5	693.6	699.2	697.5	699.2	693.6	682.5	668.0	651.9	630.3	611.4
35°	782.7	793.6	798.2	803.5	798.2	793.6	782.7	765.3	742.6	714.9	683.8
32.5°	942.1	964.5	973.4	961.2	973.4	964.5	942.1	906.2	860.7	815.1	771.4
30°	1280.8	1362.6	1417.3	1444.3	1417.3	1362.6	1280.8	1188.5	1052.1	963.3	885.5
27.5°	2289.7	2503.8	2594.5	2644.5	2594.5	2503.8	2289.7	1966.1	1495.9	1320.9	1086.7
25°	4233.0	4690.1	4953.1	4931.7	4953.1	4690.1	4233.0	3604.0	2869.4	2233.6	1554.4
22.5°	7094.3	7815.3	8247.9	8406.8	8247.9	7815.3	7094.3	6040.4	4906.2	3792.6	2743.5
20°	10641.4	11450.0	11872.8	11936.1	11872.8	11450.0	10641.4	9326.8	7751.9	5930.8	4440.0
17.5°	14712.4	15479.0	15924.5	15918.9	15924.5	15479.0	14712.4	13165.3	11199.5	8858.2	6551.2
15°	20997.3	23964.3	25637.3	25392.9	25637.3	23964.3	20997.3	17558.7	15034.0	12074.1	8928.5
12.5°	34405.6	46255.8	53606.4	55421.7	53606.4	46255.8	34405.6	25700.5	19278.9	15223.3	11449.7
10°	60799.2	78527.9	92686.3	96777.9	92686.3	78527.9	60799.2	41443.3	26263.7	18143.6	13567.1
7.5°	87455.7	108496.8	117156.1	118162.1	117156.1	108496.8	87455.7	61444.1	35900.5	22258.2	15377.6
5°	107576.0	128986.0	131464.2	125239.2	131464.2	128986.0	107576.0	78437.2	47680.3	26456.1	16569.9
2.5°	120857.2	137032.8	139342.8	135992.4	139342.8	137032.8	120857.2	90529.5	54494.0	29274.5	17372.1
0°	123886.1	134893.1	138174.7	138533.3	138174.7	134893.1	123886.1	94838.3	57154.3	30240.8	17587.5
-2.5°	120857.2	137032.8	139342.8	135992.4	139342.8	137032.8	120857.2	90529.5	54494.0	29274.5	17372.1
-5°	107576.0	128986.0	131464.2	125239.2	131464.2	128986.0	107576.0	78437.2	47680.3	26456.1	16569.9
-7.5°	87455.7	108496.8	117156.1	118162.1	117156.1	108496.8	87455.7	61444.1	35900.5	22258.2	15377.6
-10°	60799.2	78527.9	92686.3	96777.9	92686.3	78527.9	60799.2	41443.3	26263.7	18143.6	13567.1
-12.5°	34405.6	46255.8	53606.4	55421.7	53606.4	46255.8	34405.6	25700.5	19278.9	15223.3	11449.7
-15°	20997.3	23964.3	25637.3	25392.9	25637.3	23964.3	20997.3	17558.7	15034.0	12074.1	8928.5
-17.5°	14712.4	15479.0	15924.5	15918.9	15924.5	15479.0	14712.4	13165.3	11199.5	8858.2	6551.2
-20°	10641.4	11450.0	11872.8	11936.1	11872.8	11450.0	10641.4	9326.8	7751.9	5930.8	4440.0



REPORT NUMBER: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	7094.3	7815.3	8247.9	8406.8	8247.9	7815.3	7094.3	6040.4	4906.2	3792.6	2743.5
-25°	4233.0	4690.1	4953.1	4931.7	4953.1	4690.1	4233.0	3604.0	2869.4	2233.6	1554.4
-27.5°	2289.7	2503.8	2594.5	2644.5	2594.5	2503.8	2289.7	1966.1	1495.9	1320.9	1086.7
-30°	1280.8	1362.6	1417.3	1444.3	1417.3	1362.6	1280.8	1188.5	1052.1	963.3	885.5
-32.5°	942.1	964.5	973.4	961.2	973.4	964.5	942.1	906.2	860.7	815.1	771.4
-35°	782.7	793.6	798.2	803.5	798.2	793.6	782.7	765.3	742.6	714.9	683.8
-37.5°	682.5	693.6	699.2	697.5	699.2	693.6	682.5	668.0	651.9	630.3	611.4
-40°	603.1	611.4	616.2	616.2	616.2	611.4	603.1	592.7	582.8	569.8	555.4
-42.5°	539.4	543.6	545.2	544.7	545.2	543.6	539.4	532.0	524.8	516.0	508.8
-45°	486.4	489.8	492.0	492.9	492.0	489.8	486.4	481.4	479.7	479.4	479.4
-47.5°	448.5	449.4	450.4	451.0	450.4	449.4	448.5	447.0	448.1	450.3	450.7
-50°	422.0	419.7	418.7	419.0	418.7	419.7	422.0	423.4	424.4	425.3	424.0
-52.5°	406.0	404.6	404.1	404.2	404.1	404.6	406.0	406.8	407.0	406.7	404.6
-55°	396.5	396.6	395.7	394.3	395.7	396.6	396.5	395.9	394.6	392.9	390.6
-57.5°	386.9	388.5	389.2	389.4	389.2	388.5	386.9	385.0	382.7	380.2	376.9
-60°	373.0	375.4	376.7	377.1	376.7	375.4	373.0	370.2	367.0	362.7	357.9
-62.5°	345.3	346.3	347.2	347.5	347.2	346.3	345.3	343.7	341.4	337.8	333.2
-65°	315.8	316.7	316.5	315.5	316.5	316.7	315.8	314.2	312.0	308.7	304.1
-67.5°	283.8	284.8	284.5	283.4	284.5	284.8	283.8	282.2	279.8	276.3	271.7
-70°	248.8	250.2	251.1	251.4	251.1	250.2	248.8	246.7	244.1	240.9	237.2
-72.5°	212.0	213.3	215.3	216.9	215.3	213.3	212.0	210.1	207.7	204.7	201.3
-75°	173.0	174.1	177.1	179.9	177.1	174.1	173.0	171.4	169.3	166.8	164.0
-77.5°	135.8	137.3	137.8	138.0	137.8	137.3	135.8	134.0	131.9	129.7	127.8
-80°	99.8	100.5	102.1	103.5	102.1	100.5	99.8	98.9	97.7	96.2	93.9
-82.5°	65.8	66.2	66.4	66.5	66.4	66.2	65.8	65.2	64.4	63.4	61.8
-85°	38.4	39.2	38.2	37.0	38.2	39.2	38.4	37.5	36.5	35.5	34.9
-87.5°	14.7	14.7	14.8	14.8	14.8	14.7	14.7	14.6	14.4	14.3	13.5
-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: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	12.7	11.9	11.2	11.5	11.7	12.0	12.1	11.7	11.3	10.9	10.5
85°	34.2	33.3	32.4	31.6	30.7	29.8	28.9	27.4	25.9	24.4	23.0
82.5°	60.1	58.3	56.4	54.9	53.2	51.3	49.3	47.1	44.5	41.5	38.3
80°	91.3	88.5	85.6	83.2	80.6	77.5	74.2	70.9	67.5	64.2	60.8
77.5°	125.5	122.7	119.3	115.9	112.2	108.3	104.1	99.4	94.5	89.6	84.5
75°	160.9	157.5	153.9	149.7	145.0	139.7	134.2	128.4	122.2	115.8	109.1
72.5°	197.3	192.8	188.0	183.1	178.0	172.3	166.0	159.0	151.4	143.1	135.0
70°	232.9	228.0	222.7	216.8	210.3	203.5	196.7	189.5	181.9	173.1	163.0
67.5°	266.6	261.2	255.5	249.1	241.8	234.1	226.3	218.2	209.5	200.4	189.9
65°	298.8	292.6	286.7	280.2	272.8	264.5	255.8	246.6	236.9	226.6	215.2
62.5°	328.3	323.1	316.9	309.5	301.8	293.8	284.4	274.0	263.5	252.5	239.9
60°	352.8	347.6	341.5	334.8	327.5	319.7	309.9	299.5	288.7	276.4	263.6
57.5°	372.6	367.6	362.1	356.1	349.5	341.5	332.5	322.9	311.5	299.1	286.0
55°	387.6	383.8	379.4	374.1	367.8	360.2	352.2	342.8	331.9	320.6	306.7
52.5°	401.0	397.7	394.1	390.0	383.8	376.4	368.9	359.7	350.1	338.5	325.8
50°	420.8	414.3	408.1	402.6	397.0	390.3	382.3	374.3	365.2	354.5	342.4
47.5°	445.7	435.1	424.7	416.7	409.8	402.5	394.7	386.6	378.2	368.6	356.7
45°	471.6	459.3	445.8	434.5	423.9	415.3	406.9	398.7	390.2	380.5	369.7
42.5°	499.2	486.1	471.0	456.2	441.7	430.0	419.5	410.9	401.5	392.0	380.9
40°	537.9	517.6	501.5	482.3	464.4	446.8	435.1	423.4	413.2	402.4	391.5
37.5°	589.2	565.5	540.4	515.5	492.5	470.2	453.4	439.0	425.3	413.5	401.2
35°	648.5	617.9	586.2	555.2	526.4	499.3	475.3	456.5	440.5	425.6	411.5
32.5°	726.0	682.0	640.0	601.3	563.1	529.9	501.0	476.7	457.0	440.0	423.2
30°	811.3	754.0	699.1	653.6	607.2	564.9	526.7	497.8	474.9	455.3	435.6
27.5°	949.4	839.1	768.9	706.3	652.8	603.6	558.0	516.8	491.5	470.6	449.3
25°	1249.4	985.9	857.4	773.4	704.0	640.7	588.7	541.6	506.4	483.6	456.6
22.5°	1823.9	1321.8	991.2	845.0	760.5	684.6	619.8	566.8	518.0	489.4	461.6
20°	2962.5	1835.3	1269.6	963.7	822.5	727.5	651.1	591.2	537.3	495.9	465.1
17.5°	4501.0	2833.9	1621.7	1117.6	905.3	781.1	686.4	613.7	554.7	502.9	467.1
15°	6149.3	3967.7	2359.4	1407.9	992.7	826.5	715.6	634.4	570.7	513.6	472.3
12.5°	8029.7	5154.6	3040.1	1643.3	1095.5	876.8	747.7	657.2	586.7	526.3	480.6
10°	9713.6	6353.9	3824.8	2132.2	1267.8	927.5	777.5	677.5	601.6	536.9	487.1
7.5°	11086.4	7485.4	4535.0	2496.5	1397.4	967.6	802.5	694.4	613.8	544.6	491.8
5°	11963.9	8320.1	5100.7	2769.2	1487.5	994.3	819.5	707.1	623.1	549.4	494.7
2.5°	12585.7	8872.6	5458.6	2928.2	1535.5	1008.7	831.5	714.8	630.0	555.4	499.5
0°	12616.3	9059.9	5579.9	3066.0	1545.3	1013.0	840.4	717.2	633.4	559.5	502.8
-2.5°	12585.7	8872.6	5458.6	2928.2	1535.5	1008.7	831.5	714.8	630.0	555.4	499.5
-5°	11963.9	8320.1	5100.7	2769.2	1487.5	994.3	819.5	707.1	623.1	549.4	494.7
-7.5°	11086.4	7485.4	4535.0	2496.5	1397.4	967.6	802.5	694.4	613.8	544.6	491.8
-10°	9713.6	6353.9	3824.8	2132.2	1267.8	927.5	777.5	677.5	601.6	536.9	487.1
-12.5°	8029.7	5154.6	3040.1	1643.3	1095.5	876.8	747.7	657.2	586.7	526.3	480.6
-15°	6149.3	3967.7	2359.4	1407.9	992.7	826.5	715.6	634.4	570.7	513.6	472.3
-17.5°	4501.0	2833.9	1621.7	1117.6	905.3	781.1	686.4	613.7	554.7	502.9	467.1
-20°	2962.5	1835.3	1269.6	963.7	822.5	727.5	651.1	591.2	537.3	495.9	465.1



REPORT NUMBER: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1823.9	1321.8	991.2	845.0	760.5	684.6	619.8	566.8	518.0	489.4	461.6
-25°	1249.4	985.9	857.4	773.4	704.0	640.7	588.7	541.6	506.4	483.6	456.6
-27.5°	949.4	839.1	768.9	706.3	652.8	603.6	558.0	516.8	491.5	470.6	449.3
-30°	811.3	754.0	699.1	653.6	607.2	564.9	526.7	497.8	474.9	455.3	435.6
-32.5°	726.0	682.0	640.0	601.3	563.1	529.9	501.0	476.7	457.0	440.0	423.2
-35°	648.5	617.9	586.2	555.2	526.4	499.3	475.3	456.5	440.5	425.6	411.5
-37.5°	589.2	565.5	540.4	515.5	492.5	470.2	453.4	439.0	425.3	413.5	401.2
-40°	537.9	517.6	501.5	482.3	464.4	446.8	435.1	423.4	413.2	402.4	391.5
-42.5°	499.2	486.1	471.0	456.2	441.7	430.0	419.5	410.9	401.5	392.0	380.9
-45°	471.6	459.3	445.8	434.5	423.9	415.3	406.9	398.7	390.2	380.5	369.7
-47.5°	445.7	435.1	424.7	416.7	409.8	402.5	394.7	386.6	378.2	368.6	356.7
-50°	420.8	414.3	408.1	402.6	397.0	390.3	382.3	374.3	365.2	354.5	342.4
-52.5°	401.0	397.7	394.1	390.0	383.8	376.4	368.9	359.7	350.1	338.5	325.8
-55°	387.6	383.8	379.4	374.1	367.8	360.2	352.2	342.8	331.9	320.6	306.7
-57.5°	372.6	367.6	362.1	356.1	349.5	341.5	332.5	322.9	311.5	299.1	286.0
-60°	352.8	347.6	341.5	334.8	327.5	319.7	309.9	299.5	288.7	276.4	263.6
-62.5°	328.3	323.1	316.9	309.5	301.8	293.8	284.4	274.0	263.5	252.5	239.9
-65°	298.8	292.6	286.7	280.2	272.8	264.5	255.8	246.6	236.9	226.6	215.2
-67.5°	266.6	261.2	255.5	249.1	241.8	234.1	226.3	218.2	209.5	200.4	189.9
-70°	232.9	228.0	222.7	216.8	210.3	203.5	196.7	189.5	181.9	173.1	163.0
-72.5°	197.3	192.8	188.0	183.1	178.0	172.3	166.0	159.0	151.4	143.1	135.0
-75°	160.9	157.5	153.9	149.7	145.0	139.7	134.2	128.4	122.2	115.8	109.1
-77.5°	125.5	122.7	119.3	115.9	112.2	108.3	104.1	99.4	94.5	89.6	84.5
-80°	91.3	88.5	85.6	83.2	80.6	77.5	74.2	70.9	67.5	64.2	60.8
-82.5°	60.1	58.3	56.4	54.9	53.2	51.3	49.3	47.1	44.5	41.5	38.3
-85°	34.2	33.3	32.4	31.6	30.7	29.8	28.9	27.4	25.9	24.4	23.0
-87.5°	12.7	11.9	11.2	11.5	11.7	12.0	12.1	11.7	11.3	10.9	10.5
-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: P559103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
85°	21.9	20.8	19.5	18.0	16.5	14.8	13.7	12.5	11.3	10.1	8.9
82.5°	35.9	34.2	32.6	30.8	28.7	26.5	24.0	21.3	18.3	15.3	13.3
80°	57.0	53.1	49.3	45.5	41.8	38.1	35.0	31.6	27.3	23.2	19.3
77.5°	79.0	73.4	67.5	62.2	57.0	52.0	47.0	42.0	36.3	31.1	26.0
75°	102.1	95.2	88.1	80.8	73.3	65.8	59.5	53.2	46.3	38.9	32.6
72.5°	127.1	118.7	109.6	100.1	91.3	82.3	73.1	64.3	56.5	48.3	39.6
70°	152.8	142.8	132.7	121.5	110.1	98.9	88.4	77.7	66.8	57.6	47.9
67.5°	178.5	166.5	154.9	142.6	129.6	116.6	103.6	91.4	79.2	66.8	56.1
65°	203.0	189.9	176.1	162.5	148.5	134.1	119.6	105.3	91.4	77.7	64.2
62.5°	226.9	213.2	198.1	182.2	166.7	151.1	135.2	119.5	103.6	88.4	73.1
60°	250.1	235.4	219.5	202.2	184.8	167.7	150.6	133.5	116.3	98.9	82.3
57.5°	271.6	256.7	239.4	221.4	202.7	183.9	165.6	147.2	128.6	109.7	91.3
55°	292.2	276.2	258.5	239.6	219.9	199.8	180.4	160.6	140.7	120.4	100.1
52.5°	311.2	294.6	276.2	257.0	236.4	215.3	194.9	173.6	152.4	130.9	109.2
50°	328.4	311.7	293.0	273.1	252.2	230.5	209.2	186.7	163.8	141.0	118.1
47.5°	343.5	327.0	308.5	288.4	266.7	245.1	222.7	199.4	174.8	150.7	126.8
45°	356.4	341.2	322.9	302.4	281.2	258.8	235.4	211.9	185.9	160.3	135.2
42.5°	368.5	353.6	336.0	315.9	294.7	272.0	247.5	223.0	196.8	169.5	143.3
40°	378.9	364.9	348.2	328.5	307.7	284.8	259.2	233.4	207.3	178.4	151.0
37.5°	388.7	374.9	358.6	341.2	320.2	296.5	270.6	243.2	216.8	187.2	158.3
35°	397.8	383.7	369.5	352.3	331.6	307.7	281.5	252.7	225.0	195.4	165.2
32.5°	406.8	392.1	377.8	361.8	342.6	318.5	291.5	261.8	232.7	203.1	171.8
30°	416.8	399.5	385.3	370.5	352.5	328.2	300.5	270.1	240.0	210.3	177.9
27.5°	424.9	405.6	391.9	377.4	360.1	337.4	308.3	277.6	246.7	216.6	183.8
25°	431.6	411.6	396.9	383.2	366.9	344.7	315.5	284.3	253.0	222.1	189.1
22.5°	436.9	416.6	400.7	388.4	373.3	351.3	321.8	290.2	258.5	227.1	193.9
20°	439.8	420.2	403.7	392.8	378.7	356.2	327.2	295.4	263.4	231.6	198.2
17.5°	440.8	422.9	407.3	395.7	382.7	361.1	331.8	300.0	267.5	235.6	202.1
15°	445.0	425.5	410.1	398.1	386.1	365.9	335.9	303.9	271.0	239.1	205.3
12.5°	449.3	427.4	411.9	400.1	388.9	370.5	339.2	307.2	273.8	242.1	208.1
10°	453.1	428.7	412.9	401.7	391.1	374.7	341.8	309.8	276.7	244.5	210.4
7.5°	456.2	429.4	413.1	402.8	392.9	378.1	344.2	311.7	279.2	246.4	212.1
5°	458.5	429.6	412.9	403.6	394.5	380.3	346.0	312.9	281.2	247.8	213.4
2.5°	460.3	429.5	412.4	404.1	395.8	381.6	347.1	313.3	282.6	248.6	214.1
0°	460.9	428.8	411.6	404.2	396.8	382.0	347.5	313.0	283.4	248.9	214.4
-2.5°	460.3	429.5	412.4	404.1	395.8	381.6	347.1	313.3	282.6	248.6	214.1
-5°	458.5	429.6	412.9	403.6	394.5	380.3	346.0	312.9	281.2	247.8	213.4
-7.5°	456.2	429.4	413.1	402.8	392.9	378.1	344.2	311.7	279.2	246.4	212.1
-10°	453.1	428.7	412.9	401.7	391.1	374.7	341.8	309.8	276.7	244.5	210.4
-12.5°	449.3	427.4	411.9	400.1	388.9	370.5	339.2	307.2	273.8	242.1	208.1
-15°	445.0	425.5	410.1	398.1	386.1	365.9	335.9	303.9	271.0	239.1	205.3
-17.5°	440.8	422.9	407.3	395.7	382.7	361.1	331.8	300.0	267.5	235.6	202.1
-20°	439.8	420.2	403.7	392.8	378.7	356.2	327.2	295.4	263.4	231.6	198.2



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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°	436.9	416.6	400.7	388.4	373.3	351.3	321.8	290.2	258.5	227.1	193.9
-25°	431.6	411.6	396.9	383.2	366.9	344.7	315.5	284.3	253.0	222.1	189.1
-27.5°	424.9	405.6	391.9	377.4	360.1	337.4	308.3	277.6	246.7	216.6	183.8
-30°	416.8	399.5	385.3	370.5	352.5	328.2	300.5	270.1	240.0	210.3	177.9
-32.5°	406.8	392.1	377.8	361.8	342.6	318.5	291.5	261.8	232.7	203.1	171.8
-35°	397.8	383.7	369.5	352.3	331.6	307.7	281.5	252.7	225.0	195.4	165.2
-37.5°	388.7	374.9	358.6	341.2	320.2	296.5	270.6	243.2	216.8	187.2	158.3
-40°	378.9	364.9	348.2	328.5	307.7	284.8	259.2	233.4	207.3	178.4	151.0
-42.5°	368.5	353.6	336.0	315.9	294.7	272.0	247.5	223.0	196.8	169.5	143.3
-45°	356.4	341.2	322.9	302.4	281.2	258.8	235.4	211.9	185.9	160.3	135.2
-47.5°	343.5	327.0	308.5	288.4	266.7	245.1	222.7	199.4	174.8	150.7	126.8
-50°	328.4	311.7	293.0	273.1	252.2	230.5	209.2	186.7	163.8	141.0	118.1
-52.5°	311.2	294.6	276.2	257.0	236.4	215.3	194.9	173.6	152.4	130.9	109.2
-55°	292.2	276.2	258.5	239.6	219.9	199.8	180.4	160.6	140.7	120.4	100.1
-57.5°	271.6	256.7	239.4	221.4	202.7	183.9	165.6	147.2	128.6	109.7	91.3
-60°	250.1	235.4	219.5	202.2	184.8	167.7	150.6	133.5	116.3	98.9	82.3
-62.5°	226.9	213.2	198.1	182.2	166.7	151.1	135.2	119.5	103.6	88.4	73.1
-65°	203.0	189.9	176.1	162.5	148.5	134.1	119.6	105.3	91.4	77.7	64.2
-67.5°	178.5	166.5	154.9	142.6	129.6	116.6	103.6	91.4	79.2	66.8	56.1
-70°	152.8	142.8	132.7	121.5	110.1	98.9	88.4	77.7	66.8	57.6	47.9
-72.5°	127.1	118.7	109.6	100.1	91.3	82.3	73.1	64.3	56.5	48.3	39.6
-75°	102.1	95.2	88.1	80.8	73.3	65.8	59.5	53.2	46.3	38.9	32.6
-77.5°	79.0	73.4	67.5	62.2	57.0	52.0	47.0	42.0	36.3	31.1	26.0
-80°	57.0	53.1	49.3	45.5	41.8	38.1	35.0	31.6	27.3	23.2	19.3
-82.5°	35.9	34.2	32.6	30.8	28.7	26.5	24.0	21.3	18.3	15.3	13.3
-85°	21.9	20.8	19.5	18.0	16.5	14.8	13.7	12.5	11.3	10.1	8.9
-87.5°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
85°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
82.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
80°	15.5	12.8	10.2	7.7	5.1	2.6	0.0
77.5°	21.1	16.5	12.8	9.6	6.4	3.2	0.0
75°	26.8	21.3	15.5	11.5	7.7	3.8	0.0
72.5°	32.4	26.1	19.4	13.3	8.9	4.4	0.0
70°	38.1	30.8	23.3	15.4	10.1	5.1	0.0
67.5°	45.3	35.5	27.2	18.3	11.3	5.7	0.0
65°	52.3	40.7	30.9	21.2	12.5	6.3	0.0
62.5°	59.1	46.3	34.7	24.0	13.7	6.8	0.0
60°	65.8	51.8	38.3	26.8	14.8	7.4	0.0
57.5°	73.3	57.2	42.5	29.6	16.6	8.0	0.0
55°	80.8	62.3	46.6	32.2	18.4	8.5	0.0
52.5°	88.1	67.5	50.6	34.9	20.1	9.0	0.0
50°	95.2	73.4	54.4	37.4	21.8	9.5	0.0
47.5°	102.1	79.0	58.1	39.9	23.4	10.0	0.0
45°	109.3	84.5	61.6	42.5	25.0	10.5	0.0
42.5°	116.3	89.7	64.9	45.0	26.5	10.9	0.0
40°	123.0	94.7	68.5	47.4	27.9	11.3	0.0
37.5°	129.4	99.4	72.3	49.6	29.2	11.7	0.0
35°	135.6	104.3	75.9	51.7	30.5	12.1	0.0
32.5°	141.3	109.1	79.2	53.7	31.7	12.5	0.0
30°	146.5	113.6	82.4	55.6	32.8	12.8	0.0
27.5°	151.4	117.8	85.4	57.3	33.8	13.1	0.0
25°	155.9	121.7	88.2	58.8	34.8	13.4	0.0
22.5°	160.0	125.3	90.8	60.3	35.6	13.7	0.0
20°	163.8	128.5	93.2	61.6	36.4	13.9	0.0
17.5°	167.0	131.4	95.4	62.7	37.1	14.1	0.0
15°	169.8	133.8	97.3	63.7	37.7	14.3	0.0
12.5°	172.1	135.9	99.0	64.6	38.2	14.4	0.0
10°	174.0	137.6	100.4	65.3	38.7	14.6	0.0
7.5°	175.6	138.9	101.6	65.8	39.0	14.7	0.0
5°	176.6	139.8	102.5	66.2	39.2	14.7	0.0
2.5°	177.3	140.3	103.1	66.4	39.4	14.8	0.0
0°	177.5	140.5	103.5	66.5	39.4	14.8	0.0
-2.5°	177.3	140.3	103.1	66.4	39.4	14.8	0.0
-5°	176.6	139.8	102.5	66.2	39.2	14.7	0.0
-7.5°	175.6	138.9	101.6	65.8	39.0	14.7	0.0
-10°	174.0	137.6	100.4	65.3	38.7	14.6	0.0
-12.5°	172.1	135.9	99.0	64.6	38.2	14.4	0.0
-15°	169.8	133.8	97.3	63.7	37.7	14.3	0.0
-17.5°	167.0	131.4	95.4	62.7	37.1	14.1	0.0
-20°	163.8	128.5	93.2	61.6	36.4	13.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	160.0	125.3	90.8	60.3	35.6	13.7	0.0
-25°	155.9	121.7	88.2	58.8	34.8	13.4	0.0
-27.5°	151.4	117.8	85.4	57.3	33.8	13.1	0.0
-30°	146.5	113.6	82.4	55.6	32.8	12.8	0.0
-32.5°	141.3	109.1	79.2	53.7	31.7	12.5	0.0
-35°	135.6	104.3	75.9	51.7	30.5	12.1	0.0
-37.5°	129.4	99.4	72.3	49.6	29.2	11.7	0.0
-40°	123.0	94.7	68.5	47.4	27.9	11.3	0.0
-42.5°	116.3	89.7	64.9	45.0	26.5	10.9	0.0
-45°	109.3	84.5	61.6	42.5	25.0	10.5	0.0
-47.5°	102.1	79.0	58.1	39.9	23.4	10.0	0.0
-50°	95.2	73.4	54.4	37.4	21.8	9.5	0.0
-52.5°	88.1	67.5	50.6	34.9	20.1	9.0	0.0
-55°	80.8	62.3	46.6	32.2	18.4	8.5	0.0
-57.5°	73.3	57.2	42.5	29.6	16.6	8.0	0.0
-60°	65.8	51.8	38.3	26.8	14.8	7.4	0.0
-62.5°	59.1	46.3	34.7	24.0	13.7	6.8	0.0
-65°	52.3	40.7	30.9	21.2	12.5	6.3	0.0
-67.5°	45.3	35.5	27.2	18.3	11.3	5.7	0.0
-70°	38.1	30.8	23.3	15.4	10.1	5.1	0.0
-72.5°	32.4	26.1	19.4	13.3	8.9	4.4	0.0
-75°	26.8	21.3	15.5	11.5	7.7	3.8	0.0
-77.5°	21.1	16.5	12.8	9.6	6.4	3.2	0.0
-80°	15.5	12.8	10.2	7.7	5.1	2.6	0.0
-82.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
-85°	7.7	6.4	5.1	3.9	2.6	1.3	0.0
-87.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)