

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: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6C-935-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

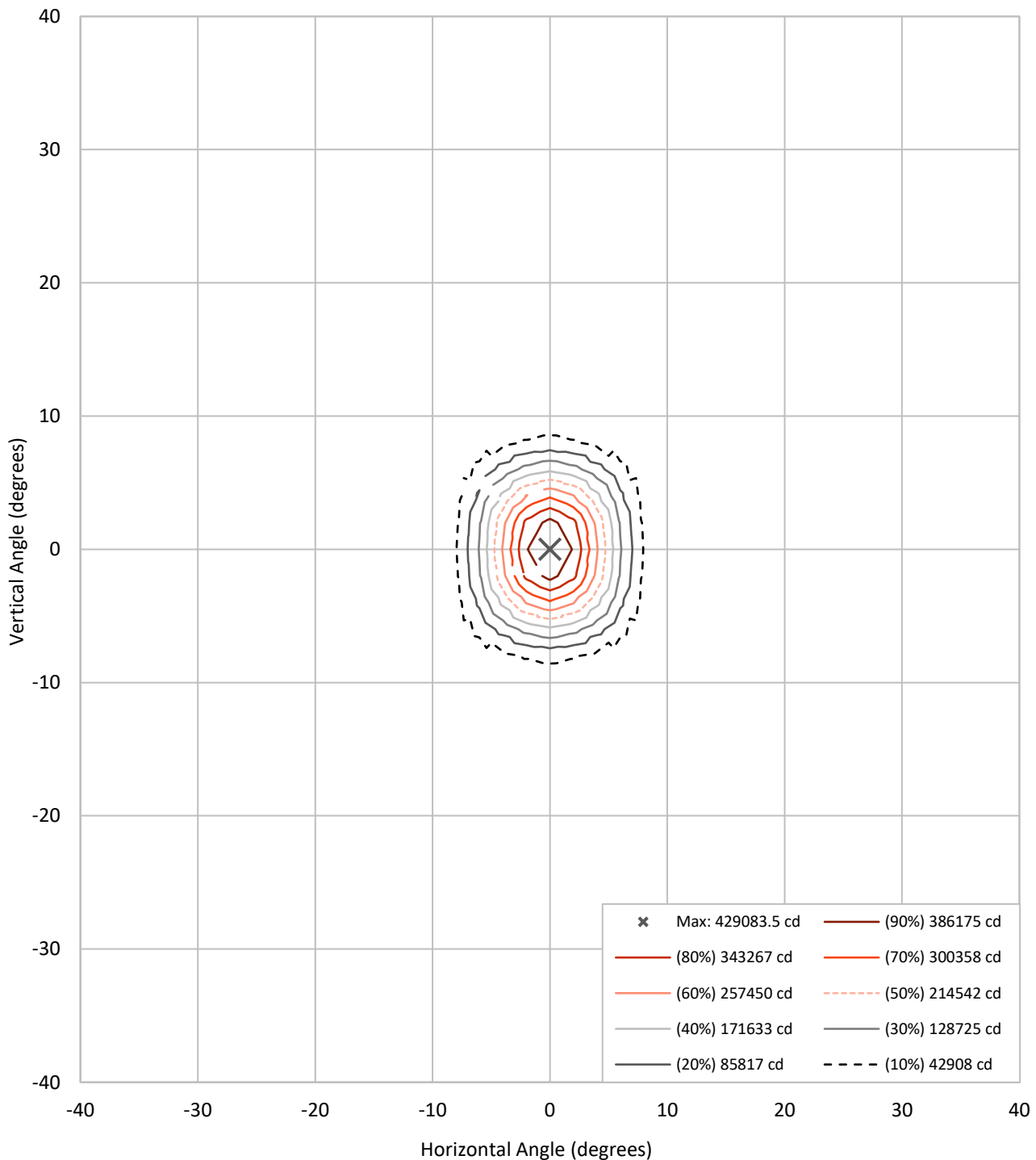
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16709.4 lumens	Max Intensity:	429083.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	7162 lumens	Field Lumens:	12343.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 241
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



REPORT NUMBER: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





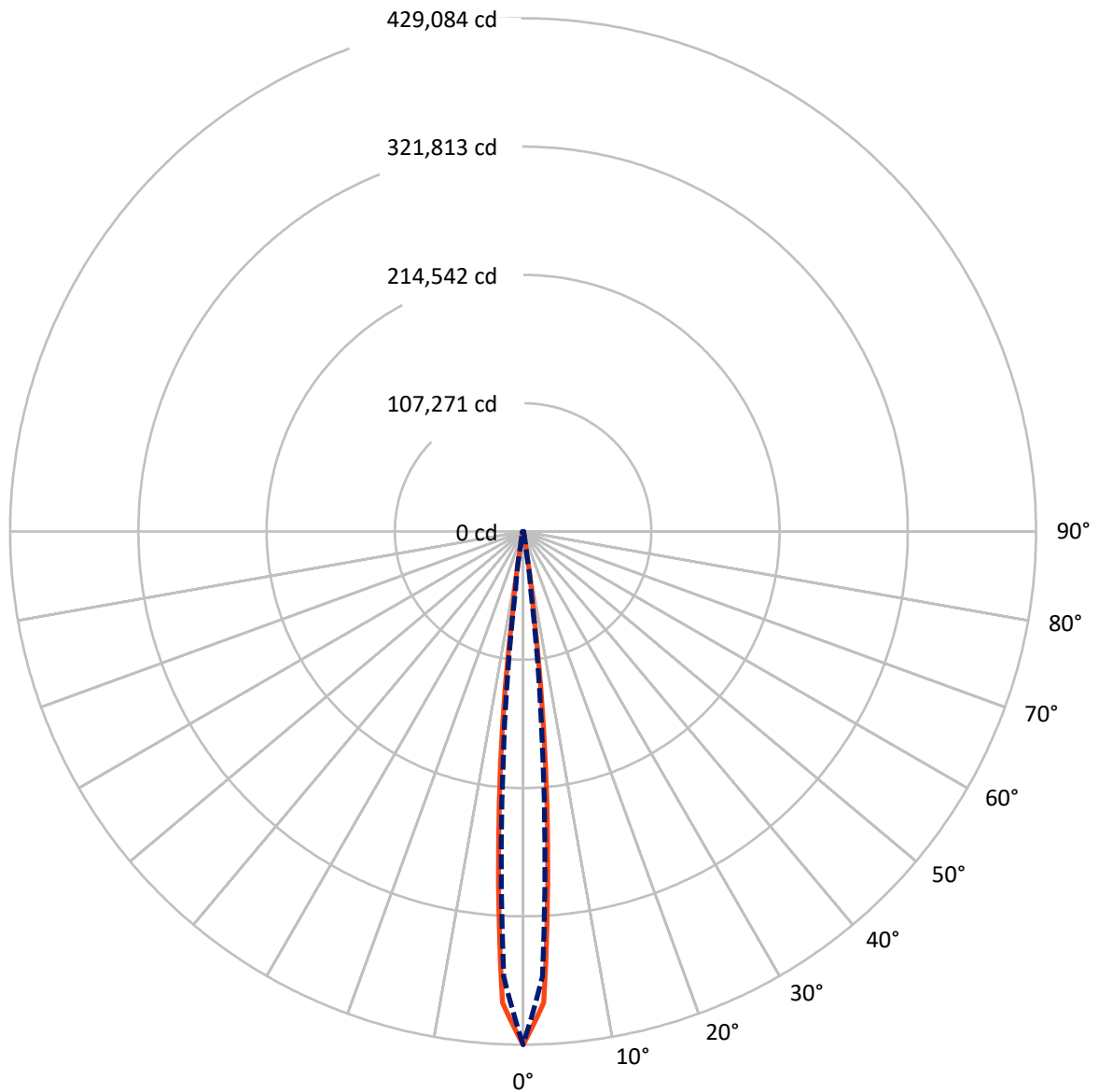
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Lumen Table

90	0.1	0.5		1.7		4.0		6.9		4.0		1.7		0.5		0.1			
80	0.1	0.5		1.7		4.0		6.9		4.0		1.7		0.5		0.1			
70	0.3	0.3	0.9	1.8	2.9	3.7	5.9	10.4	10.4	5.9	3.7	2.9	1.8	0.9	0.3	0.3			
60		0.7	1.7	3.4	5.4	7.4	9.9	13.5	13.5	9.9	7.4	5.4	3.4	1.7	0.7				
50	0.8	1.2	2.6	5.4	9.4	14.2	18.2	21.7	21.7	18.2	14.2	9.4	5.4	2.6	1.2	0.8			
40		1.8	3.7	8.1	14.7	19.8	22.4	23.7	23.7	22.4	19.8	14.7	8.1	3.7	1.8				
30	1.7	2.7	5.2	11.5	18.0	21.5	29.3	38.6	38.6	29.3	21.5	18.0	11.5	5.2	2.7	1.7			
20		3.6	7.1	14.6	19.9	28.3	57.4	114.7	114.7	57.4	28.3	19.9	14.6	7.1	3.6				
10	1.9	4.1	8.5	16.2	20.7	36.3	113.5	3357.2	3357.2	113.5	36.3	20.7	16.2	8.5	4.1	1.9			
0		4.1	8.5	16.2	20.7	36.3	113.5	3357.2	3357.2	113.5	36.3	20.7	16.2	8.5	4.1				
-10	1.7	3.6	7.1	14.6	19.9	28.3	57.4	114.7	114.7	57.4	28.3	19.9	14.6	7.1	3.6	1.7			
-20		2.7	5.2	11.5	18.0	21.5	29.3	38.6	38.6	29.3	21.5	18.0	11.5	5.2	2.7				
-30	0.8	1.8	3.7	8.1	14.7	19.8	22.4	23.7	23.7	22.4	19.8	14.7	8.1	3.7	1.8	0.8			
-40		1.2	2.6	5.4	9.4	14.2	18.2	21.7	21.7	18.2	14.2	9.4	5.4	2.6	1.2				
-50	0.3	0.7	1.7	3.4	5.4	7.4	9.9	13.5	13.5	9.9	7.4	5.4	3.4	1.7	0.7	0.3			
-60		0.3	0.9	1.8	2.9	3.7	5.9	10.4	10.4	5.9	3.7	2.9	1.8	0.9	0.3				
-70	0.1	0.5		1.7		4.0		6.9		4.0		1.7		0.5		0.1			
-80		0.5		1.7		4.0		6.9		4.0		1.7		0.5					
-90	0.1	0.5		1.7		4.0		6.9		4.0		1.7		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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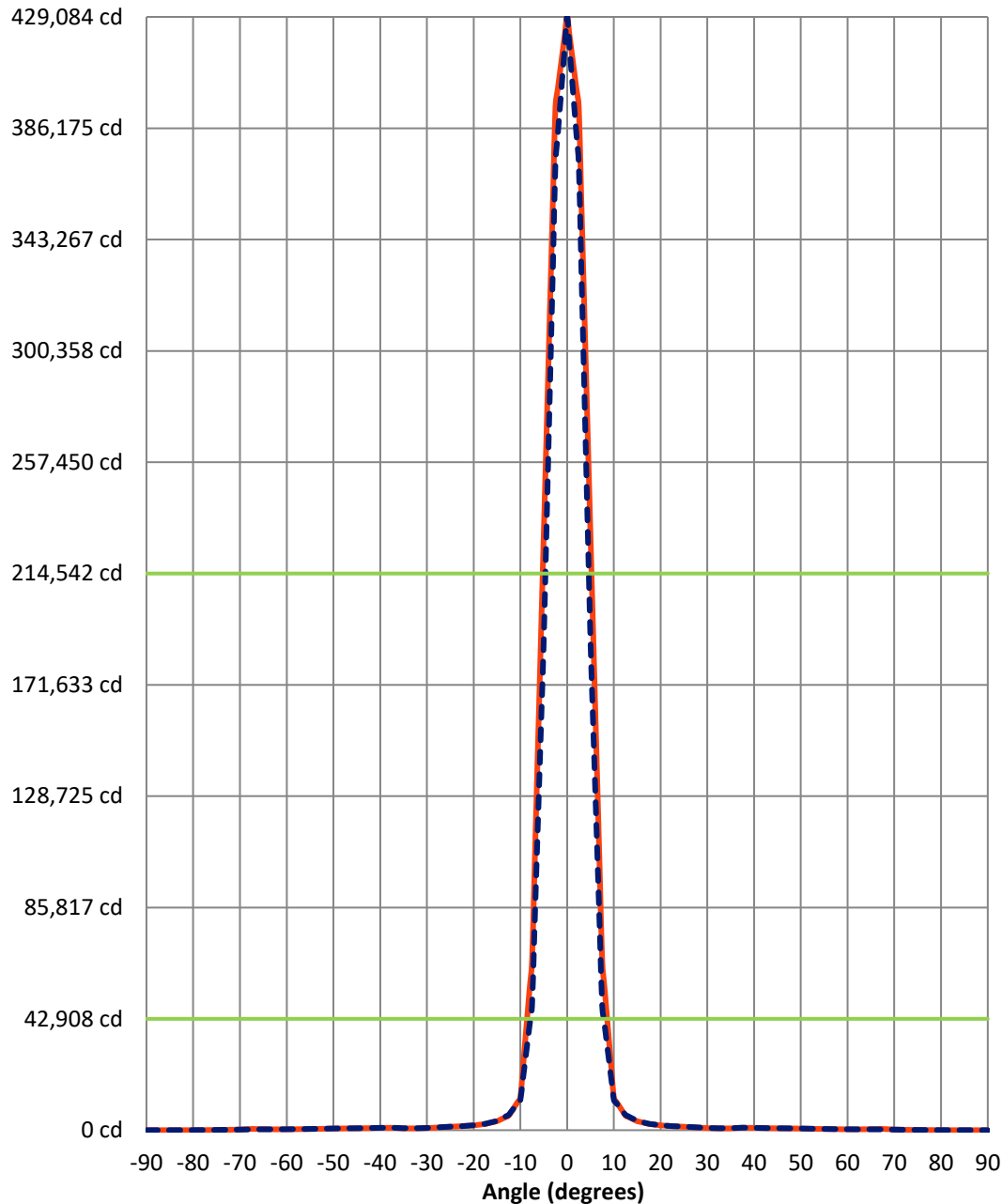
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 7162
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 12343.5
Efficiency: 73.9%

Spill:
Lumens: 4365.9
Efficiency: 26.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	4.9	4.9	4.9
80°	0.0	0.9	1.7	2.5	3.4	4.2	4.9	4.9	4.9	4.9	4.9
77.5°	0.0	1.1	2.1	3.2	4.2	4.9	4.9	4.9	4.9	4.9	5.4
75°	0.0	1.3	2.5	3.8	4.9	4.9	4.9	4.9	5.1	6.5	7.5
72.5°	0.0	1.5	2.9	4.4	4.9	4.9	4.9	5.4	7.2	8.6	9.6
70°	0.0	1.7	3.3	4.9	4.9	4.9	5.1	7.4	9.3	10.8	13.4
67.5°	0.0	1.9	3.7	4.9	4.9	4.9	7.0	9.4	11.4	14.7	17.5
65°	0.0	2.1	4.1	4.9	4.9	5.7	8.8	11.4	15.1	18.7	22.3
62.5°	0.0	2.3	4.5	4.9	4.9	7.3	10.6	14.4	18.8	23.1	28.7
60°	0.0	2.4	4.9	4.9	4.9	8.9	12.5	17.7	22.5	29.2	35.2
57.5°	0.0	2.6	4.9	4.9	6.2	10.5	15.6	21.1	27.8	35.3	42.5
55°	0.0	2.8	5.0	4.9	7.5	12.1	19.0	24.7	33.5	41.8	50.5
52.5°	0.0	3.0	5.0	4.9	8.7	13.9	22.4	30.1	39.2	49.4	58.5
50°	0.0	3.1	5.1	4.9	10.0	17.0	25.9	36.0	45.3	57.0	68.3
47.5°	0.0	3.3	5.1	5.1	11.2	20.0	29.8	42.1	52.3	64.8	78.7
45°	0.0	3.5	5.2	6.0	12.5	23.1	35.2	48.4	60.6	74.5	89.3
42.5°	0.0	3.6	5.3	6.9	13.6	26.2	40.8	55.5	69.3	84.4	101.9
40°	0.0	3.8	5.4	7.8	15.4	29.3	46.4	63.4	79.0	94.8	115.2
37.5°	0.0	3.9	5.4	8.6	17.8	32.5	52.1	71.4	89.9	107.9	129.0
35°	0.0	4.0	5.6	9.3	20.2	36.5	57.8	79.6	101.0	123.0	142.3
32.5°	0.0	4.1	5.7	10.0	22.5	41.0	63.8	87.8	112.1	138.7	159.1
30°	0.0	4.2	5.8	10.6	24.7	45.3	70.4	96.4	123.4	154.9	178.0
27.5°	0.0	4.3	5.9	11.1	26.1	49.7	77.0	105.7	135.5	171.6	198.8
25°	0.0	4.4	6.0	11.5	27.3	53.9	83.5	114.8	149.2	188.9	221.3
22.5°	0.0	4.5	6.2	11.8	28.1	57.2	89.9	123.8	162.9	207.2	240.3
20°	0.0	4.6	6.3	12.1	28.8	58.4	96.1	132.5	176.5	226.3	259.1
17.5°	0.0	4.7	6.4	12.3	29.2	59.1	99.3	141.0	189.9	245.9	277.5
15°	0.0	4.7	6.6	12.4	29.4	59.5	100.5	147.1	202.9	265.7	295.5
12.5°	0.0	4.8	6.7	12.5	29.4	59.4	101.2	150.2	211.4	285.5	313.2
10°	0.0	4.8	6.8	12.5	29.2	58.9	101.5	153.0	215.7	293.1	325.7
7.5°	0.0	4.9	7.0	12.5	28.9	58.1	101.2	155.4	218.8	297.6	327.9
5°	0.0	4.9	7.1	12.5	28.4	56.9	100.5	157.1	221.0	300.8	329.7
2.5°	0.0	4.9	7.2	12.3	27.7	55.5	99.3	158.3	222.0	302.5	331.1
0°	0.0	4.9	7.3	12.2	26.9	53.7	97.6	158.7	222.1	302.7	332.0
-2.5°	0.0	4.9	7.2	12.3	27.7	55.5	99.3	158.3	222.0	302.5	331.1
-5°	0.0	4.9	7.1	12.5	28.4	56.9	100.5	157.1	221.0	300.8	329.7
-7.5°	0.0	4.9	7.0	12.5	28.9	58.1	101.2	155.4	218.8	297.6	327.9
-10°	0.0	4.8	6.8	12.5	29.2	58.9	101.5	153.0	215.7	293.1	325.7
-12.5°	0.0	4.8	6.7	12.5	29.4	59.4	101.2	150.2	211.4	285.5	313.2
-15°	0.0	4.7	6.6	12.4	29.4	59.5	100.5	147.1	202.9	265.7	295.5
-17.5°	0.0	4.7	6.4	12.3	29.2	59.1	99.3	141.0	189.9	245.9	277.5
-20°	0.0	4.6	6.3	12.1	28.8	58.4	96.1	132.5	176.5	226.3	259.1



REPORT NUMBER: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.5	6.2	11.8	28.1	57.2	89.9	123.8	162.9	207.2	240.3
-25°	0.0	4.4	6.0	11.5	27.3	53.9	83.5	114.8	149.2	188.9	221.3
-27.5°	0.0	4.3	5.9	11.1	26.1	49.7	77.0	105.7	135.5	171.6	198.8
-30°	0.0	4.2	5.8	10.6	24.7	45.3	70.4	96.4	123.4	154.9	178.0
-32.5°	0.0	4.1	5.7	10.0	22.5	41.0	63.8	87.8	112.1	138.7	159.1
-35°	0.0	4.0	5.6	9.3	20.2	36.5	57.8	79.6	101.0	123.0	142.3
-37.5°	0.0	3.9	5.4	8.6	17.8	32.5	52.1	71.4	89.9	107.9	129.0
-40°	0.0	3.8	5.4	7.8	15.4	29.3	46.4	63.4	79.0	94.8	115.2
-42.5°	0.0	3.6	5.3	6.9	13.6	26.2	40.8	55.5	69.3	84.4	101.9
-45°	0.0	3.5	5.2	6.0	12.5	23.1	35.2	48.4	60.6	74.5	89.3
-47.5°	0.0	3.3	5.1	5.1	11.2	20.0	29.8	42.1	52.3	64.8	78.7
-50°	0.0	3.1	5.1	4.9	10.0	17.0	25.9	36.0	45.3	57.0	68.3
-52.5°	0.0	3.0	5.0	4.9	8.7	13.9	22.4	30.1	39.2	49.4	58.5
-55°	0.0	2.8	5.0	4.9	7.5	12.1	19.0	24.7	33.5	41.8	50.5
-57.5°	0.0	2.6	4.9	4.9	6.2	10.5	15.6	21.1	27.8	35.3	42.5
-60°	0.0	2.4	4.9	4.9	4.9	8.9	12.5	17.7	22.5	29.2	35.2
-62.5°	0.0	2.3	4.5	4.9	4.9	7.3	10.6	14.4	18.8	23.1	28.7
-65°	0.0	2.1	4.1	4.9	4.9	5.7	8.8	11.4	15.1	18.7	22.3
-67.5°	0.0	1.9	3.7	4.9	4.9	4.9	7.0	9.4	11.4	14.7	17.5
-70°	0.0	1.7	3.3	4.9	4.9	4.9	5.1	7.4	9.3	10.8	13.4
-72.5°	0.0	1.5	2.9	4.4	4.9	4.9	4.9	5.4	7.2	8.6	9.6
-75°	0.0	1.3	2.5	3.8	4.9	4.9	4.9	4.9	5.1	6.5	7.5
-77.5°	0.0	1.1	2.1	3.2	4.2	4.9	4.9	4.9	4.9	4.9	5.4
-80°	0.0	0.9	1.7	2.5	3.4	4.2	4.9	4.9	4.9	4.9	4.9
-82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	4.9	4.9	4.9
-85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-XX

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°	2.0	1.8	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	4.0	3.7	3.2	2.8	2.9	3.1	3.3	3.4	3.6	3.7	3.9
82.5°	4.5	4.3	4.2	4.2	4.5	4.7	5.0	5.5	5.9	6.3	6.7
80°	4.8	4.9	5.6	6.3	7.0	7.7	8.3	8.9	9.5	10.4	11.7
77.5°	6.3	7.3	8.2	9.1	10.1	12.0	13.6	14.9	16.6	18.6	20.7
75°	8.6	9.7	12.0	14.8	17.2	19.1	20.9	23.5	26.7	30.3	33.8
72.5°	11.7	14.7	17.9	21.4	25.4	28.9	32.2	35.4	40.6	46.4	50.7
70°	16.1	19.7	24.8	30.4	35.6	40.2	46.8	54.7	62.7	66.8	69.3
67.5°	20.7	26.6	32.8	39.4	46.8	54.3	63.5	72.1	80.3	83.6	86.7
65°	27.0	33.6	41.2	49.4	57.8	66.9	76.3	85.9	94.5	98.9	103.8
62.5°	33.3	41.2	49.9	59.1	68.4	78.3	89.7	99.4	106.7	115.5	125.8
60°	40.9	48.8	58.7	68.8	79.6	93.3	104.8	115.5	125.5	135.5	150.9
57.5°	48.9	56.6	67.6	79.5	94.3	110.0	123.0	134.6	148.3	162.6	178.2
55°	57.7	64.5	77.0	91.8	108.7	127.3	142.6	158.5	174.3	187.0	200.9
52.5°	67.7	73.9	87.0	104.0	123.6	144.6	164.9	181.5	196.1	210.1	225.9
50°	78.1	86.1	96.7	117.1	138.9	162.7	185.8	202.4	219.1	235.6	253.3
47.5°	90.3	99.2	108.1	130.1	154.9	179.2	203.1	224.4	242.8	264.8	285.1
45°	103.6	114.0	123.5	144.0	169.5	194.3	220.8	246.4	272.3	298.2	330.7
42.5°	117.6	129.0	141.1	157.0	182.5	209.9	238.3	272.4	305.3	341.4	383.6
40°	131.3	143.8	158.4	172.8	195.3	225.9	260.5	298.8	345.1	391.9	442.9
37.5°	144.6	159.1	174.7	189.7	209.6	243.9	282.2	331.0	386.8	445.8	510.8
35°	157.6	173.7	189.7	207.3	229.6	263.0	310.2	365.5	432.4	507.0	566.5
32.5°	170.5	187.7	204.0	225.1	252.6	286.8	337.1	406.8	484.0	559.7	599.4
30°	186.5	200.4	218.1	242.0	275.2	318.7	373.3	448.4	536.2	587.9	624.8
27.5°	207.9	212.9	232.9	260.8	298.4	350.1	417.9	496.0	568.6	613.9	647.0
25°	228.9	234.1	246.8	279.8	326.2	387.2	463.4	552.4	595.5	633.8	672.1
22.5°	249.1	254.5	270.4	297.8	353.0	425.0	513.5	591.4	632.4	656.8	698.4
20°	268.0	276.4	296.0	327.7	380.6	460.7	562.1	627.6	666.6	696.0	734.3
17.5°	286.2	297.8	321.9	360.4	419.4	500.9	606.4	663.6	701.7	730.1	777.6
15°	303.9	318.7	346.7	390.9	455.6	543.8	635.9	693.2	734.2	762.1	817.6
12.5°	320.9	339.0	370.5	419.3	488.2	581.4	660.9	712.3	753.2	795.8	853.1
10°	337.5	358.8	393.1	445.7	517.3	613.7	681.8	727.6	768.5	822.7	882.5
7.5°	340.0	368.7	411.7	469.9	543.2	641.1	699.0	739.6	784.0	847.4	909.1
5°	340.1	367.9	413.1	476.2	555.5	657.2	711.0	748.6	798.9	869.3	932.8
2.5°	339.8	366.2	413.4	478.3	558.6	658.9	712.8	751.0	807.5	890.9	954.6
0°	339.3	363.7	412.5	478.4	559.0	656.6	712.8	751.8	812.8	910.5	973.9
-2.5°	339.8	366.2	413.4	478.3	558.6	658.9	712.8	751.0	807.5	890.9	954.6
-5°	340.1	367.9	413.1	476.2	555.5	657.2	711.0	748.6	798.9	869.3	932.8
-7.5°	340.0	368.7	411.7	469.9	543.2	641.1	699.0	739.6	784.0	847.4	909.1
-10°	337.5	358.8	393.1	445.7	517.3	613.7	681.8	727.6	768.5	822.7	882.5
-12.5°	320.9	339.0	370.5	419.3	488.2	581.4	660.9	712.3	753.2	795.8	853.1
-15°	303.9	318.7	346.7	390.9	455.6	543.8	635.9	693.2	734.2	762.1	817.6
-17.5°	286.2	297.8	321.9	360.4	419.4	500.9	606.4	663.6	701.7	730.1	777.6
-20°	268.0	276.4	296.0	327.7	380.6	460.7	562.1	627.6	666.6	696.0	734.3



REPORT NUMBER: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	249.1	254.5	270.4	297.8	353.0	425.0	513.5	591.4	632.4	656.8	698.4
-25°	228.9	234.1	246.8	279.8	326.2	387.2	463.4	552.4	595.5	633.8	672.1
-27.5°	207.9	212.9	232.9	260.8	298.4	350.1	417.9	496.0	568.6	613.9	647.0
-30°	186.5	200.4	218.1	242.0	275.2	318.7	373.3	448.4	536.2	587.9	624.8
-32.5°	170.5	187.7	204.0	225.1	252.6	286.8	337.1	406.8	484.0	559.7	599.4
-35°	157.6	173.7	189.7	207.3	229.6	263.0	310.2	365.5	432.4	507.0	566.5
-37.5°	144.6	159.1	174.7	189.7	209.6	243.9	282.2	331.0	386.8	445.8	510.8
-40°	131.3	143.8	158.4	172.8	195.3	225.9	260.5	298.8	345.1	391.9	442.9
-42.5°	117.6	129.0	141.1	157.0	182.5	209.9	238.3	272.4	305.3	341.4	383.6
-45°	103.6	114.0	123.5	144.0	169.5	194.3	220.8	246.4	272.3	298.2	330.7
-47.5°	90.3	99.2	108.1	130.1	154.9	179.2	203.1	224.4	242.8	264.8	285.1
-50°	78.1	86.1	96.7	117.1	138.9	162.7	185.8	202.4	219.1	235.6	253.3
-52.5°	67.7	73.9	87.0	104.0	123.6	144.6	164.9	181.5	196.1	210.1	225.9
-55°	57.7	64.5	77.0	91.8	108.7	127.3	142.6	158.5	174.3	187.0	200.9
-57.5°	48.9	56.6	67.6	79.5	94.3	110.0	123.0	134.6	148.3	162.6	178.2
-60°	40.9	48.8	58.7	68.8	79.6	93.3	104.8	115.5	125.5	135.5	150.9
-62.5°	33.3	41.2	49.9	59.1	68.4	78.3	89.7	99.4	106.7	115.5	125.8
-65°	27.0	33.6	41.2	49.4	57.8	66.9	76.3	85.9	94.5	98.9	103.8
-67.5°	20.7	26.6	32.8	39.4	46.8	54.3	63.5	72.1	80.3	83.6	86.7
-70°	16.1	19.7	24.8	30.4	35.6	40.2	46.8	54.7	62.7	66.8	69.3
-72.5°	11.7	14.7	17.9	21.4	25.4	28.9	32.2	35.4	40.6	46.4	50.7
-75°	8.6	9.7	12.0	14.8	17.2	19.1	20.9	23.5	26.7	30.3	33.8
-77.5°	6.3	7.3	8.2	9.1	10.1	12.0	13.6	14.9	16.6	18.6	20.7
-80°	4.8	4.9	5.6	6.3	7.0	7.7	8.3	8.9	9.5	10.4	11.7
-82.5°	4.5	4.3	4.2	4.2	4.5	4.7	5.0	5.5	5.9	6.3	6.7
-85°	4.0	3.7	3.2	2.8	2.9	3.1	3.3	3.4	3.6	3.7	3.9
-87.5°	2.0	1.8	1.6	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
-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: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-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°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
85°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.8
82.5°	7.1	7.5	7.8	8.1	8.4	8.7	8.9	9.1	9.3	9.4	9.6
80°	13.1	14.1	14.9	15.5	15.9	17.6	19.8	22.0	24.4	25.3	25.9
77.5°	23.3	25.0	26.1	26.9	27.4	31.2	36.1	41.3	46.5	49.3	51.5
75°	37.1	39.1	40.4	41.4	41.9	47.8	56.4	65.5	74.9	79.8	83.3
72.5°	53.6	55.3	56.6	57.8	58.5	67.1	82.8	99.8	117.8	128.9	136.9
70°	71.4	73.4	74.9	76.2	77.2	87.6	110.3	134.0	158.5	183.0	209.1
67.5°	90.3	94.3	96.5	97.7	99.0	107.8	131.9	154.2	174.9	219.2	289.1
65°	110.9	120.3	124.2	126.4	127.2	131.2	151.9	170.5	187.4	221.9	275.2
62.5°	137.1	149.5	155.2	157.7	159.2	159.5	176.4	192.0	206.3	227.9	261.8
60°	165.4	178.8	185.8	187.8	189.0	189.6	203.0	218.4	232.7	250.3	281.9
57.5°	191.3	203.8	214.3	218.4	221.6	223.9	235.8	253.9	270.9	288.5	322.5
55°	216.0	231.2	245.7	253.7	261.2	267.7	279.4	302.3	324.2	344.7	380.0
52.5°	243.0	262.5	281.8	296.2	310.4	322.8	335.4	365.0	394.1	421.6	455.9
50°	275.1	299.2	327.3	351.0	371.3	391.4	409.3	444.4	483.9	521.4	557.5
47.5°	315.9	347.7	383.6	417.4	444.9	475.9	504.0	540.2	575.1	610.0	639.8
45°	366.0	410.0	451.4	496.2	535.5	556.0	572.4	594.9	630.7	665.0	692.8
42.5°	430.0	481.2	532.3	565.5	590.8	607.5	619.4	631.2	668.8	701.8	728.8
40°	501.3	552.7	584.1	611.5	629.0	643.8	662.4	680.7	710.2	744.1	774.1
37.5°	563.0	596.1	623.7	645.1	666.3	686.0	712.8	739.2	767.3	805.3	833.2
35°	601.1	630.1	658.2	685.0	712.1	742.5	776.0	814.8	849.3	818.0	772.7
32.5°	630.1	659.8	693.8	735.2	772.6	814.1	856.0	788.6	719.5	692.4	697.9
30°	655.3	689.9	736.6	790.8	842.7	824.2	732.0	699.8	709.3	728.2	764.7
27.5°	682.4	725.5	782.3	849.0	808.1	706.0	711.4	730.1	793.3	846.9	928.3
25°	714.4	766.4	836.9	806.1	712.6	722.3	769.6	841.0	961.4	1073.7	1171.9
22.5°	753.0	819.2	828.5	712.7	725.4	787.2	883.3	1037.8	1184.1	1319.9	1421.2
20°	792.2	868.6	751.2	726.7	781.0	891.4	1069.7	1247.2	1410.4	1531.8	1633.3
17.5°	839.2	812.2	729.1	755.1	865.0	1055.8	1256.4	1444.5	1598.5	1808.4	1987.1
15°	880.3	757.9	742.4	828.4	993.7	1208.4	1426.4	1595.3	1873.5	2174.3	2478.4
12.5°	856.7	738.6	766.3	893.7	1111.0	1343.0	1535.7	1803.1	2171.2	2610.6	3270.6
10°	821.7	749.5	817.3	983.9	1211.3	1437.3	1637.5	1988.1	2474.0	3280.8	4320.2
7.5°	794.8	754.1	850.9	1053.1	1285.9	1494.2	1761.2	2186.3	2863.5	3970.4	6183.5
5°	774.3	753.9	866.3	1093.2	1330.2	1533.6	1837.5	2330.5	3245.2	4822.3	8604.1
2.5°	765.3	750.0	870.6	1114.8	1351.8	1555.6	1884.9	2434.1	3486.2	5613.7	11313.9
0°	771.3	742.1	869.0	1122.8	1364.5	1552.5	1891.8	2465.4	3558.9	5905.9	11677.6
-2.5°	765.3	750.0	870.6	1114.8	1351.8	1555.6	1884.9	2434.1	3486.2	5613.7	11313.9
-5°	774.3	753.9	866.3	1093.2	1330.2	1533.6	1837.5	2330.5	3245.2	4822.3	8604.1
-7.5°	794.8	754.1	850.9	1053.1	1285.9	1494.2	1761.2	2186.3	2863.5	3970.4	6183.5
-10°	821.7	749.5	817.3	983.9	1211.3	1437.3	1637.5	1988.1	2474.0	3280.8	4320.2
-12.5°	856.7	738.6	766.3	893.7	1111.0	1343.0	1535.7	1803.1	2171.2	2610.6	3270.6
-15°	880.3	757.9	742.4	828.4	993.7	1208.4	1426.4	1595.3	1873.5	2174.3	2478.4
-17.5°	839.2	812.2	729.1	755.1	865.0	1055.8	1256.4	1444.5	1598.5	1808.4	1987.1
-20°	792.2	868.6	751.2	726.7	781.0	891.4	1069.7	1247.2	1410.4	1531.8	1633.3



REPORT NUMBER: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	753.0	819.2	828.5	712.7	725.4	787.2	883.3	1037.8	1184.1	1319.9	1421.2
-25°	714.4	766.4	836.9	806.1	712.6	722.3	769.6	841.0	961.4	1073.7	1171.9
-27.5°	682.4	725.5	782.3	849.0	808.1	706.0	711.4	730.1	793.3	846.9	928.3
-30°	655.3	689.9	736.6	790.8	842.7	824.2	732.0	699.8	709.3	728.2	764.7
-32.5°	630.1	659.8	693.8	735.2	772.6	814.1	856.0	788.6	719.5	692.4	697.9
-35°	601.1	630.1	658.2	685.0	712.1	742.5	776.0	814.8	849.3	818.0	772.7
-37.5°	563.0	596.1	623.7	645.1	666.3	686.0	712.8	739.2	767.3	805.3	833.2
-40°	501.3	552.7	584.1	611.5	629.0	643.8	662.4	680.7	710.2	744.1	774.1
-42.5°	430.0	481.2	532.3	565.5	590.8	607.5	619.4	631.2	668.8	701.8	728.8
-45°	366.0	410.0	451.4	496.2	535.5	556.0	572.4	594.9	630.7	665.0	692.8
-47.5°	315.9	347.7	383.6	417.4	444.9	475.9	504.0	540.2	575.1	610.0	639.8
-50°	275.1	299.2	327.3	351.0	371.3	391.4	409.3	444.4	483.9	521.4	557.5
-52.5°	243.0	262.5	281.8	296.2	310.4	322.8	335.4	365.0	394.1	421.6	455.9
-55°	216.0	231.2	245.7	253.7	261.2	267.7	279.4	302.3	324.2	344.7	380.0
-57.5°	191.3	203.8	214.3	218.4	221.6	223.9	235.8	253.9	270.9	288.5	322.5
-60°	165.4	178.8	185.8	187.8	189.0	189.6	203.0	218.4	232.7	250.3	281.9
-62.5°	137.1	149.5	155.2	157.7	159.2	159.5	176.4	192.0	206.3	227.9	261.8
-65°	110.9	120.3	124.2	126.4	127.2	131.2	151.9	170.5	187.4	221.9	275.2
-67.5°	90.3	94.3	96.5	97.7	99.0	107.8	131.9	154.2	174.9	219.2	289.1
-70°	71.4	73.4	74.9	76.2	77.2	87.6	110.3	134.0	158.5	183.0	209.1
-72.5°	53.6	55.3	56.6	57.8	58.5	67.1	82.8	99.8	117.8	128.9	136.9
-75°	37.1	39.1	40.4	41.4	41.9	47.8	56.4	65.5	74.9	79.8	83.3
-77.5°	23.3	25.0	26.1	26.9	27.4	31.2	36.1	41.3	46.5	49.3	51.5
-80°	13.1	14.1	14.9	15.5	15.9	17.6	19.8	22.0	24.4	25.3	25.9
-82.5°	7.1	7.5	7.8	8.1	8.4	8.7	8.9	9.1	9.3	9.4	9.6
-85°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.8
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.4
-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: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7
82.5°	9.7	9.7	9.8	9.8	9.8	9.7	9.7	9.6	9.4	9.3	9.1
80°	26.3	26.6	25.6	24.4	25.6	26.6	26.3	25.9	25.3	24.4	22.0
77.5°	53.6	55.5	53.6	51.3	53.6	55.5	53.6	51.5	49.3	46.5	41.3
75°	86.5	89.4	87.7	85.4	87.7	89.4	86.5	83.3	79.8	74.9	65.5
72.5°	144.5	151.6	149.9	146.5	149.9	151.6	144.5	136.9	128.9	117.8	99.8
70°	236.5	264.3	263.2	256.3	263.2	264.3	236.5	209.1	183.0	158.5	134.0
67.5°	364.7	443.4	468.4	480.9	468.4	443.4	364.7	289.1	219.2	174.9	154.2
65°	324.9	372.4	391.2	405.2	391.2	372.4	324.9	275.2	221.9	187.4	170.5
62.5°	292.1	320.3	326.4	327.1	326.4	320.3	292.1	261.8	227.9	206.3	192.0
60°	312.7	342.6	347.1	341.7	347.1	342.6	312.7	281.9	250.3	232.7	218.4
57.5°	355.1	386.5	392.3	385.7	392.3	386.5	355.1	322.5	288.5	270.9	253.9
55°	413.8	445.5	456.0	454.0	456.0	445.5	413.8	380.0	344.7	324.2	302.3
52.5°	488.7	517.9	530.0	529.7	530.0	517.9	488.7	455.9	421.6	394.1	365.0
50°	588.9	615.0	628.0	629.8	628.0	615.0	588.9	557.5	521.4	483.9	444.4
47.5°	661.1	678.3	687.2	688.4	687.2	678.3	661.1	639.8	610.0	575.1	540.2
45°	705.3	714.5	721.5	727.4	721.5	714.5	705.3	692.8	665.0	630.7	594.9
42.5°	746.9	766.1	780.3	783.6	780.3	766.1	746.9	728.8	701.8	668.8	631.2
40°	802.6	829.2	854.6	881.2	854.6	829.2	802.6	774.1	744.1	710.2	680.7
37.5°	862.2	891.7	916.2	930.0	916.2	891.7	862.2	833.2	805.3	767.3	739.2
35°	740.9	721.5	710.0	705.4	710.0	721.5	740.9	772.7	818.0	849.3	814.8
32.5°	701.2	702.6	700.4	695.7	700.4	702.6	701.2	697.9	692.4	719.5	788.6
30°	791.8	804.7	806.2	805.5	806.2	804.7	791.8	764.7	728.2	709.3	699.8
27.5°	988.5	1021.5	1031.7	1052.1	1031.7	1021.5	988.5	928.3	846.9	793.3	730.1
25°	1247.9	1297.7	1321.6	1330.3	1321.6	1297.7	1247.9	1171.9	1073.7	961.4	841.0
22.5°	1478.4	1516.4	1538.6	1557.3	1538.6	1516.4	1478.4	1421.2	1319.9	1184.1	1037.8
20°	1751.6	1821.0	1852.8	1855.1	1852.8	1821.0	1751.6	1633.3	1531.8	1410.4	1247.2
17.5°	2178.1	2313.1	2380.5	2399.5	2380.5	2313.1	2178.1	1987.1	1808.4	1598.5	1444.5
15°	2850.9	3195.4	3372.7	3456.4	3372.7	3195.4	2850.9	2478.4	2174.3	1873.5	1595.3
12.5°	3948.5	4725.3	5353.4	5589.9	5353.4	4725.3	3948.5	3270.6	2610.6	2171.2	1803.1
10°	6123.1	8442.9	11152.9	12417.2	11152.9	8442.9	6123.1	4320.2	3280.8	2474.0	1988.1
7.5°	11845.9	27503.9	53307.0	65615.8	53307.0	27503.9	11845.9	6183.5	3970.4	2863.5	2186.3
5°	25249.7	108969.8	195151.2	229221.7	195151.2	108969.8	25249.7	8604.1	4822.3	3245.2	2330.5
2.5°	40217.3	178724.6	337224.6	394314.3	337224.6	178724.6	40217.3	11313.9	5613.7	3486.2	2434.1
0°	48051.7	188342.8	372119.8	429083.5	372119.8	188342.8	48051.7	11677.6	5905.9	3558.9	2465.4
-2.5°	40217.3	178724.6	337224.6	394314.3	337224.6	178724.6	40217.3	11313.9	5613.7	3486.2	2434.1
-5°	25249.7	108969.8	195151.2	229221.7	195151.2	108969.8	25249.7	8604.1	4822.3	3245.2	2330.5
-7.5°	11845.9	27503.9	53307.0	65615.8	53307.0	27503.9	11845.9	6183.5	3970.4	2863.5	2186.3
-10°	6123.1	8442.9	11152.9	12417.2	11152.9	8442.9	6123.1	4320.2	3280.8	2474.0	1988.1
-12.5°	3948.5	4725.3	5353.4	5589.9	5353.4	4725.3	3948.5	3270.6	2610.6	2171.2	1803.1
-15°	2850.9	3195.4	3372.7	3456.4	3372.7	3195.4	2850.9	2478.4	2174.3	1873.5	1595.3
-17.5°	2178.1	2313.1	2380.5	2399.5	2380.5	2313.1	2178.1	1987.1	1808.4	1598.5	1444.5
-20°	1751.6	1821.0	1852.8	1855.1	1852.8	1821.0	1751.6	1633.3	1531.8	1410.4	1247.2



REPORT NUMBER: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1478.4	1516.4	1538.6	1557.3	1538.6	1516.4	1478.4	1421.2	1319.9	1184.1	1037.8
-25°	1247.9	1297.7	1321.6	1330.3	1321.6	1297.7	1247.9	1171.9	1073.7	961.4	841.0
-27.5°	988.5	1021.5	1031.7	1052.1	1031.7	1021.5	988.5	928.3	846.9	793.3	730.1
-30°	791.8	804.7	806.2	805.5	806.2	804.7	791.8	764.7	728.2	709.3	699.8
-32.5°	701.2	702.6	700.4	695.7	700.4	702.6	701.2	697.9	692.4	719.5	788.6
-35°	740.9	721.5	710.0	705.4	710.0	721.5	740.9	772.7	818.0	849.3	814.8
-37.5°	862.2	891.7	916.2	930.0	916.2	891.7	862.2	833.2	805.3	767.3	739.2
-40°	802.6	829.2	854.6	881.2	854.6	829.2	802.6	774.1	744.1	710.2	680.7
-42.5°	746.9	766.1	780.3	783.6	780.3	766.1	746.9	728.8	701.8	668.8	631.2
-45°	705.3	714.5	721.5	727.4	721.5	714.5	705.3	692.8	665.0	630.7	594.9
-47.5°	661.1	678.3	687.2	688.4	687.2	678.3	661.1	639.8	610.0	575.1	540.2
-50°	588.9	615.0	628.0	629.8	628.0	615.0	588.9	557.5	521.4	483.9	444.4
-52.5°	488.7	517.9	530.0	529.7	530.0	517.9	488.7	455.9	421.6	394.1	365.0
-55°	413.8	445.5	456.0	454.0	456.0	445.5	413.8	380.0	344.7	324.2	302.3
-57.5°	355.1	386.5	392.3	385.7	392.3	386.5	355.1	322.5	288.5	270.9	253.9
-60°	312.7	342.6	347.1	341.7	347.1	342.6	312.7	281.9	250.3	232.7	218.4
-62.5°	292.1	320.3	326.4	327.1	326.4	320.3	292.1	261.8	227.9	206.3	192.0
-65°	324.9	372.4	391.2	405.2	391.2	372.4	324.9	275.2	221.9	187.4	170.5
-67.5°	364.7	443.4	468.4	480.9	468.4	443.4	364.7	289.1	219.2	174.9	154.2
-70°	236.5	264.3	263.2	256.3	263.2	264.3	236.5	209.1	183.0	158.5	134.0
-72.5°	144.5	151.6	149.9	146.5	149.9	151.6	144.5	136.9	128.9	117.8	99.8
-75°	86.5	89.4	87.7	85.4	87.7	89.4	86.5	83.3	79.8	74.9	65.5
-77.5°	53.6	55.5	53.6	51.3	53.6	55.5	53.6	51.5	49.3	46.5	41.3
-80°	26.3	26.6	25.6	24.4	25.6	26.6	26.3	25.9	25.3	24.4	22.0
-82.5°	9.7	9.7	9.8	9.8	9.8	9.7	9.7	9.6	9.4	9.3	9.1
-85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3
-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: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-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°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.4
82.5°	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.9	5.5
80°	19.8	17.6	15.9	15.5	14.9	14.1	13.1	11.7	10.4	9.5	8.9
77.5°	36.1	31.2	27.4	26.9	26.1	25.0	23.3	20.7	18.6	16.6	14.9
75°	56.4	47.8	41.9	41.4	40.4	39.1	37.1	33.8	30.3	26.7	23.5
72.5°	82.8	67.1	58.5	57.8	56.6	55.3	53.6	50.7	46.4	40.6	35.4
70°	110.3	87.6	77.2	76.2	74.9	73.4	71.4	69.3	66.8	62.7	54.7
67.5°	131.9	107.8	99.0	97.7	96.5	94.3	90.3	86.7	83.6	80.3	72.1
65°	151.9	131.2	127.2	126.4	124.2	120.3	110.9	103.8	98.9	94.5	85.9
62.5°	176.4	159.5	159.2	157.7	155.2	149.5	137.1	125.8	115.5	106.7	99.4
60°	203.0	189.6	189.0	187.8	185.8	178.8	165.4	150.9	135.5	125.5	115.5
57.5°	235.8	223.9	221.6	218.4	214.3	203.8	191.3	178.2	162.6	148.3	134.6
55°	279.4	267.7	261.2	253.7	245.7	231.2	216.0	200.9	187.0	174.3	158.5
52.5°	335.4	322.8	310.4	296.2	281.8	262.5	243.0	225.9	210.1	196.1	181.5
50°	409.3	391.4	371.3	351.0	327.3	299.2	275.1	253.3	235.6	219.1	202.4
47.5°	504.0	475.9	444.9	417.4	383.6	347.7	315.9	285.1	264.8	242.8	224.4
45°	572.4	556.0	535.5	496.2	451.4	410.0	366.0	330.7	298.2	272.3	246.4
42.5°	619.4	607.5	590.8	565.5	532.3	481.2	430.0	383.6	341.4	305.3	272.4
40°	662.4	643.8	629.0	611.5	584.1	552.7	501.3	442.9	391.9	345.1	298.8
37.5°	712.8	686.0	666.3	645.1	623.7	596.1	563.0	510.8	445.8	386.8	331.0
35°	776.0	742.5	712.1	685.0	658.2	630.1	601.1	566.5	507.0	432.4	365.5
32.5°	856.0	814.1	772.6	735.2	693.8	659.8	630.1	599.4	559.7	484.0	406.8
30°	732.0	824.2	842.7	790.8	736.6	689.9	655.3	624.8	587.9	536.2	448.4
27.5°	711.4	706.0	808.1	849.0	782.3	725.5	682.4	647.0	613.9	568.6	496.0
25°	769.6	722.3	712.6	806.1	836.9	766.4	714.4	672.1	633.8	595.5	552.4
22.5°	883.3	787.2	725.4	712.7	828.5	819.2	753.0	698.4	656.8	632.4	591.4
20°	1069.7	891.4	781.0	726.7	751.2	868.6	792.2	734.3	696.0	666.6	627.6
17.5°	1256.4	1055.8	865.0	755.1	729.1	812.2	839.2	777.6	730.1	701.7	663.6
15°	1426.4	1208.4	993.7	828.4	742.4	757.9	880.3	817.6	762.1	734.2	693.2
12.5°	1535.7	1343.0	1111.0	893.7	766.3	738.6	856.7	853.1	795.8	753.2	712.3
10°	1637.5	1437.3	1211.3	983.9	817.3	749.5	821.7	882.5	822.7	768.5	727.6
7.5°	1761.2	1494.2	1285.9	1053.1	850.9	754.1	794.8	909.1	847.4	784.0	739.6
5°	1837.5	1533.6	1330.2	1093.2	866.3	753.9	774.3	932.8	869.3	798.9	748.6
2.5°	1884.9	1555.6	1351.8	1114.8	870.6	750.0	765.3	954.6	890.9	807.5	751.0
0°	1891.8	1552.5	1364.5	1122.8	869.0	742.1	771.3	973.9	910.5	812.8	751.8
-2.5°	1884.9	1555.6	1351.8	1114.8	870.6	750.0	765.3	954.6	890.9	807.5	751.0
-5°	1837.5	1533.6	1330.2	1093.2	866.3	753.9	774.3	932.8	869.3	798.9	748.6
-7.5°	1761.2	1494.2	1285.9	1053.1	850.9	754.1	794.8	909.1	847.4	784.0	739.6
-10°	1637.5	1437.3	1211.3	983.9	817.3	749.5	821.7	882.5	822.7	768.5	727.6
-12.5°	1535.7	1343.0	1111.0	893.7	766.3	738.6	856.7	853.1	795.8	753.2	712.3
-15°	1426.4	1208.4	993.7	828.4	742.4	757.9	880.3	817.6	762.1	734.2	693.2
-17.5°	1256.4	1055.8	865.0	755.1	729.1	812.2	839.2	777.6	730.1	701.7	663.6
-20°	1069.7	891.4	781.0	726.7	751.2	868.6	792.2	734.3	696.0	666.6	627.6



REPORT NUMBER: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	883.3	787.2	725.4	712.7	828.5	819.2	753.0	698.4	656.8	632.4	591.4
-25°	769.6	722.3	712.6	806.1	836.9	766.4	714.4	672.1	633.8	595.5	552.4
-27.5°	711.4	706.0	808.1	849.0	782.3	725.5	682.4	647.0	613.9	568.6	496.0
-30°	732.0	824.2	842.7	790.8	736.6	689.9	655.3	624.8	587.9	536.2	448.4
-32.5°	856.0	814.1	772.6	735.2	693.8	659.8	630.1	599.4	559.7	484.0	406.8
-35°	776.0	742.5	712.1	685.0	658.2	630.1	601.1	566.5	507.0	432.4	365.5
-37.5°	712.8	686.0	666.3	645.1	623.7	596.1	563.0	510.8	445.8	386.8	331.0
-40°	662.4	643.8	629.0	611.5	584.1	552.7	501.3	442.9	391.9	345.1	298.8
-42.5°	619.4	607.5	590.8	565.5	532.3	481.2	430.0	383.6	341.4	305.3	272.4
-45°	572.4	556.0	535.5	496.2	451.4	410.0	366.0	330.7	298.2	272.3	246.4
-47.5°	504.0	475.9	444.9	417.4	383.6	347.7	315.9	285.1	264.8	242.8	224.4
-50°	409.3	391.4	371.3	351.0	327.3	299.2	275.1	253.3	235.6	219.1	202.4
-52.5°	335.4	322.8	310.4	296.2	281.8	262.5	243.0	225.9	210.1	196.1	181.5
-55°	279.4	267.7	261.2	253.7	245.7	231.2	216.0	200.9	187.0	174.3	158.5
-57.5°	235.8	223.9	221.6	218.4	214.3	203.8	191.3	178.2	162.6	148.3	134.6
-60°	203.0	189.6	189.0	187.8	185.8	178.8	165.4	150.9	135.5	125.5	115.5
-62.5°	176.4	159.5	159.2	157.7	155.2	149.5	137.1	125.8	115.5	106.7	99.4
-65°	151.9	131.2	127.2	126.4	124.2	120.3	110.9	103.8	98.9	94.5	85.9
-67.5°	131.9	107.8	99.0	97.7	96.5	94.3	90.3	86.7	83.6	80.3	72.1
-70°	110.3	87.6	77.2	76.2	74.9	73.4	71.4	69.3	66.8	62.7	54.7
-72.5°	82.8	67.1	58.5	57.8	56.6	55.3	53.6	50.7	46.4	40.6	35.4
-75°	56.4	47.8	41.9	41.4	40.4	39.1	37.1	33.8	30.3	26.7	23.5
-77.5°	36.1	31.2	27.4	26.9	26.1	25.0	23.3	20.7	18.6	16.6	14.9
-80°	19.8	17.6	15.9	15.5	14.9	14.1	13.1	11.7	10.4	9.5	8.9
-82.5°	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.9	5.5
-85°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.4
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-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: P559185 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-935-U-TSB-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°	1.6	1.5	1.5	1.4	1.6	1.8	2.0	2.1	1.9	1.7	1.5
85°	3.3	3.1	2.9	2.8	3.2	3.7	4.0	4.1	3.7	3.3	2.9
82.5°	5.0	4.7	4.5	4.2	4.2	4.3	4.5	4.9	4.9	4.9	4.4
80°	8.3	7.7	7.0	6.3	5.6	4.9	4.8	4.9	4.9	4.9	4.9
77.5°	13.6	12.0	10.1	9.1	8.2	7.3	6.3	5.4	4.9	4.9	4.9
75°	20.9	19.1	17.2	14.8	12.0	9.7	8.6	7.5	6.5	5.1	4.9
72.5°	32.2	28.9	25.4	21.4	17.9	14.7	11.7	9.6	8.6	7.2	5.4
70°	46.8	40.2	35.6	30.4	24.8	19.7	16.1	13.4	10.8	9.3	7.4
67.5°	63.5	54.3	46.8	39.4	32.8	26.6	20.7	17.5	14.7	11.4	9.4
65°	76.3	66.9	57.8	49.4	41.2	33.6	27.0	22.3	18.7	15.1	11.4
62.5°	89.7	78.3	68.4	59.1	49.9	41.2	33.3	28.7	23.1	18.8	14.4
60°	104.8	93.3	79.6	68.8	58.7	48.8	40.9	35.2	29.2	22.5	17.7
57.5°	123.0	110.0	94.3	79.5	67.6	56.6	48.9	42.5	35.3	27.8	21.1
55°	142.6	127.3	108.7	91.8	77.0	64.5	57.7	50.5	41.8	33.5	24.7
52.5°	164.9	144.6	123.6	104.0	87.0	73.9	67.7	58.5	49.4	39.2	30.1
50°	185.8	162.7	138.9	117.1	96.7	86.1	78.1	68.3	57.0	45.3	36.0
47.5°	203.1	179.2	154.9	130.1	108.1	99.2	90.3	78.7	64.8	52.3	42.1
45°	220.8	194.3	169.5	144.0	123.5	114.0	103.6	89.3	74.5	60.6	48.4
42.5°	238.3	209.9	182.5	157.0	141.1	129.0	117.6	101.9	84.4	69.3	55.5
40°	260.5	225.9	195.3	172.8	158.4	143.8	131.3	115.2	94.8	79.0	63.4
37.5°	282.2	243.9	209.6	189.7	174.7	159.1	144.6	129.0	107.9	89.9	71.4
35°	310.2	263.0	229.6	207.3	189.7	173.7	157.6	142.3	123.0	101.0	79.6
32.5°	337.1	286.8	252.6	225.1	204.0	187.7	170.5	159.1	138.7	112.1	87.8
30°	373.3	318.7	275.2	242.0	218.1	200.4	186.5	178.0	154.9	123.4	96.4
27.5°	417.9	350.1	298.4	260.8	232.9	212.9	207.9	198.8	171.6	135.5	105.7
25°	463.4	387.2	326.2	279.8	246.8	234.1	228.9	221.3	188.9	149.2	114.8
22.5°	513.5	425.0	353.0	297.8	270.4	254.5	249.1	240.3	207.2	162.9	123.8
20°	562.1	460.7	380.6	327.7	296.0	276.4	268.0	259.1	226.3	176.5	132.5
17.5°	606.4	500.9	419.4	360.4	321.9	297.8	286.2	277.5	245.9	189.9	141.0
15°	635.9	543.8	455.6	390.9	346.7	318.7	303.9	295.5	265.7	202.9	147.1
12.5°	660.9	581.4	488.2	419.3	370.5	339.0	320.9	313.2	285.5	211.4	150.2
10°	681.8	613.7	517.3	445.7	393.1	358.8	337.5	325.7	293.1	215.7	153.0
7.5°	699.0	641.1	543.2	469.9	411.7	368.7	340.0	327.9	297.6	218.8	155.4
5°	711.0	657.2	555.5	476.2	413.1	367.9	340.1	329.7	300.8	221.0	157.1
2.5°	712.8	658.9	558.6	478.3	413.4	366.2	339.8	331.1	302.5	222.0	158.3
0°	712.8	656.6	559.0	478.4	412.5	363.7	339.3	332.0	302.7	222.1	158.7
-2.5°	712.8	658.9	558.6	478.3	413.4	366.2	339.8	331.1	302.5	222.0	158.3
-5°	711.0	657.2	555.5	476.2	413.1	367.9	340.1	329.7	300.8	221.0	157.1
-7.5°	699.0	641.1	543.2	469.9	411.7	368.7	340.0	327.9	297.6	218.8	155.4
-10°	681.8	613.7	517.3	445.7	393.1	358.8	337.5	325.7	293.1	215.7	153.0
-12.5°	660.9	581.4	488.2	419.3	370.5	339.0	320.9	313.2	285.5	211.4	150.2
-15°	635.9	543.8	455.6	390.9	346.7	318.7	303.9	295.5	265.7	202.9	147.1
-17.5°	606.4	500.9	419.4	360.4	321.9	297.8	286.2	277.5	245.9	189.9	141.0
-20°	562.1	460.7	380.6	327.7	296.0	276.4	268.0	259.1	226.3	176.5	132.5



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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°	513.5	425.0	353.0	297.8	270.4	254.5	249.1	240.3	207.2	162.9	123.8
-25°	463.4	387.2	326.2	279.8	246.8	234.1	228.9	221.3	188.9	149.2	114.8
-27.5°	417.9	350.1	298.4	260.8	232.9	212.9	207.9	198.8	171.6	135.5	105.7
-30°	373.3	318.7	275.2	242.0	218.1	200.4	186.5	178.0	154.9	123.4	96.4
-32.5°	337.1	286.8	252.6	225.1	204.0	187.7	170.5	159.1	138.7	112.1	87.8
-35°	310.2	263.0	229.6	207.3	189.7	173.7	157.6	142.3	123.0	101.0	79.6
-37.5°	282.2	243.9	209.6	189.7	174.7	159.1	144.6	129.0	107.9	89.9	71.4
-40°	260.5	225.9	195.3	172.8	158.4	143.8	131.3	115.2	94.8	79.0	63.4
-42.5°	238.3	209.9	182.5	157.0	141.1	129.0	117.6	101.9	84.4	69.3	55.5
-45°	220.8	194.3	169.5	144.0	123.5	114.0	103.6	89.3	74.5	60.6	48.4
-47.5°	203.1	179.2	154.9	130.1	108.1	99.2	90.3	78.7	64.8	52.3	42.1
-50°	185.8	162.7	138.9	117.1	96.7	86.1	78.1	68.3	57.0	45.3	36.0
-52.5°	164.9	144.6	123.6	104.0	87.0	73.9	67.7	58.5	49.4	39.2	30.1
-55°	142.6	127.3	108.7	91.8	77.0	64.5	57.7	50.5	41.8	33.5	24.7
-57.5°	123.0	110.0	94.3	79.5	67.6	56.6	48.9	42.5	35.3	27.8	21.1
-60°	104.8	93.3	79.6	68.8	58.7	48.8	40.9	35.2	29.2	22.5	17.7
-62.5°	89.7	78.3	68.4	59.1	49.9	41.2	33.3	28.7	23.1	18.8	14.4
-65°	76.3	66.9	57.8	49.4	41.2	33.6	27.0	22.3	18.7	15.1	11.4
-67.5°	63.5	54.3	46.8	39.4	32.8	26.6	20.7	17.5	14.7	11.4	9.4
-70°	46.8	40.2	35.6	30.4	24.8	19.7	16.1	13.4	10.8	9.3	7.4
-72.5°	32.2	28.9	25.4	21.4	17.9	14.7	11.7	9.6	8.6	7.2	5.4
-75°	20.9	19.1	17.2	14.8	12.0	9.7	8.6	7.5	6.5	5.1	4.9
-77.5°	13.6	12.0	10.1	9.1	8.2	7.3	6.3	5.4	4.9	4.9	4.9
-80°	8.3	7.7	7.0	6.3	5.6	4.9	4.8	4.9	4.9	4.9	4.9
-82.5°	5.0	4.7	4.5	4.2	4.2	4.3	4.5	4.9	4.9	4.9	4.4
-85°	3.3	3.1	2.9	2.8	3.2	3.7	4.0	4.1	3.7	3.3	2.9
-87.5°	1.6	1.5	1.5	1.4	1.6	1.8	2.0	2.1	1.9	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
80°	4.9	4.2	3.4	2.5	1.7	0.9	0.0
77.5°	4.9	4.9	4.2	3.2	2.1	1.1	0.0
75°	4.9	4.9	4.9	3.8	2.5	1.3	0.0
72.5°	4.9	4.9	4.9	4.4	2.9	1.5	0.0
70°	5.1	4.9	4.9	4.9	3.3	1.7	0.0
67.5°	7.0	4.9	4.9	4.9	3.7	1.9	0.0
65°	8.8	5.7	4.9	4.9	4.1	2.1	0.0
62.5°	10.6	7.3	4.9	4.9	4.5	2.3	0.0
60°	12.5	8.9	4.9	4.9	4.9	2.4	0.0
57.5°	15.6	10.5	6.2	4.9	4.9	2.6	0.0
55°	19.0	12.1	7.5	4.9	5.0	2.8	0.0
52.5°	22.4	13.9	8.7	4.9	5.0	3.0	0.0
50°	25.9	17.0	10.0	4.9	5.1	3.1	0.0
47.5°	29.8	20.0	11.2	5.1	5.1	3.3	0.0
45°	35.2	23.1	12.5	6.0	5.2	3.5	0.0
42.5°	40.8	26.2	13.6	6.9	5.3	3.6	0.0
40°	46.4	29.3	15.4	7.8	5.4	3.8	0.0
37.5°	52.1	32.5	17.8	8.6	5.4	3.9	0.0
35°	57.8	36.5	20.2	9.3	5.6	4.0	0.0
32.5°	63.8	41.0	22.5	10.0	5.7	4.1	0.0
30°	70.4	45.3	24.7	10.6	5.8	4.2	0.0
27.5°	77.0	49.7	26.1	11.1	5.9	4.3	0.0
25°	83.5	53.9	27.3	11.5	6.0	4.4	0.0
22.5°	89.9	57.2	28.1	11.8	6.2	4.5	0.0
20°	96.1	58.4	28.8	12.1	6.3	4.6	0.0
17.5°	99.3	59.1	29.2	12.3	6.4	4.7	0.0
15°	100.5	59.5	29.4	12.4	6.6	4.7	0.0
12.5°	101.2	59.4	29.4	12.5	6.7	4.8	0.0
10°	101.5	58.9	29.2	12.5	6.8	4.8	0.0
7.5°	101.2	58.1	28.9	12.5	7.0	4.9	0.0
5°	100.5	56.9	28.4	12.5	7.1	4.9	0.0
2.5°	99.3	55.5	27.7	12.3	7.2	4.9	0.0
0°	97.6	53.7	26.9	12.2	7.3	4.9	0.0
-2.5°	99.3	55.5	27.7	12.3	7.2	4.9	0.0
-5°	100.5	56.9	28.4	12.5	7.1	4.9	0.0
-7.5°	101.2	58.1	28.9	12.5	7.0	4.9	0.0
-10°	101.5	58.9	29.2	12.5	6.8	4.8	0.0
-12.5°	101.2	59.4	29.4	12.5	6.7	4.8	0.0
-15°	100.5	59.5	29.4	12.4	6.6	4.7	0.0
-17.5°	99.3	59.1	29.2	12.3	6.4	4.7	0.0
-20°	96.1	58.4	28.8	12.1	6.3	4.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.9	57.2	28.1	11.8	6.2	4.5	0.0
-25°	83.5	53.9	27.3	11.5	6.0	4.4	0.0
-27.5°	77.0	49.7	26.1	11.1	5.9	4.3	0.0
-30°	70.4	45.3	24.7	10.6	5.8	4.2	0.0
-32.5°	63.8	41.0	22.5	10.0	5.7	4.1	0.0
-35°	57.8	36.5	20.2	9.3	5.6	4.0	0.0
-37.5°	52.1	32.5	17.8	8.6	5.4	3.9	0.0
-40°	46.4	29.3	15.4	7.8	5.4	3.8	0.0
-42.5°	40.8	26.2	13.6	6.9	5.3	3.6	0.0
-45°	35.2	23.1	12.5	6.0	5.2	3.5	0.0
-47.5°	29.8	20.0	11.2	5.1	5.1	3.3	0.0
-50°	25.9	17.0	10.0	4.9	5.1	3.1	0.0
-52.5°	22.4	13.9	8.7	4.9	5.0	3.0	0.0
-55°	19.0	12.1	7.5	4.9	5.0	2.8	0.0
-57.5°	15.6	10.5	6.2	4.9	4.9	2.6	0.0
-60°	12.5	8.9	4.9	4.9	4.9	2.4	0.0
-62.5°	10.6	7.3	4.9	4.9	4.5	2.3	0.0
-65°	8.8	5.7	4.9	4.9	4.1	2.1	0.0
-67.5°	7.0	4.9	4.9	4.9	3.7	1.9	0.0
-70°	5.1	4.9	4.9	4.9	3.3	1.7	0.0
-72.5°	4.9	4.9	4.9	4.4	2.9	1.5	0.0
-75°	4.9	4.9	4.9	3.8	2.5	1.3	0.0
-77.5°	4.9	4.9	4.2	3.2	2.1	1.1	0.0
-80°	4.9	4.2	3.4	2.5	1.7	0.9	0.0
-82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)