

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: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559137 (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-SA6B-927-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

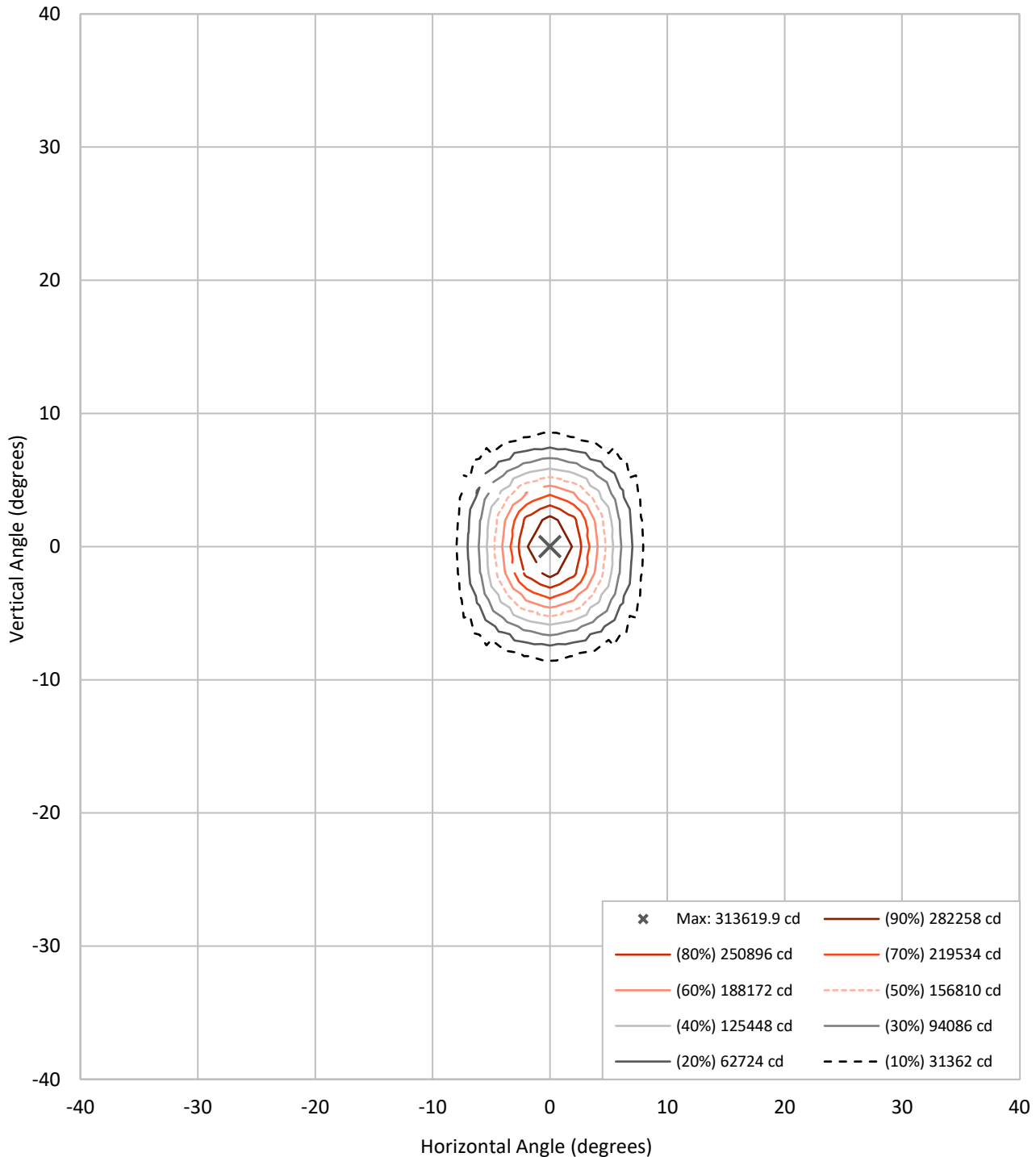
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12213 lumens	Max Intensity:	313619.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5234.7 lumens	Field Lumens:	9022 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 185
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: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





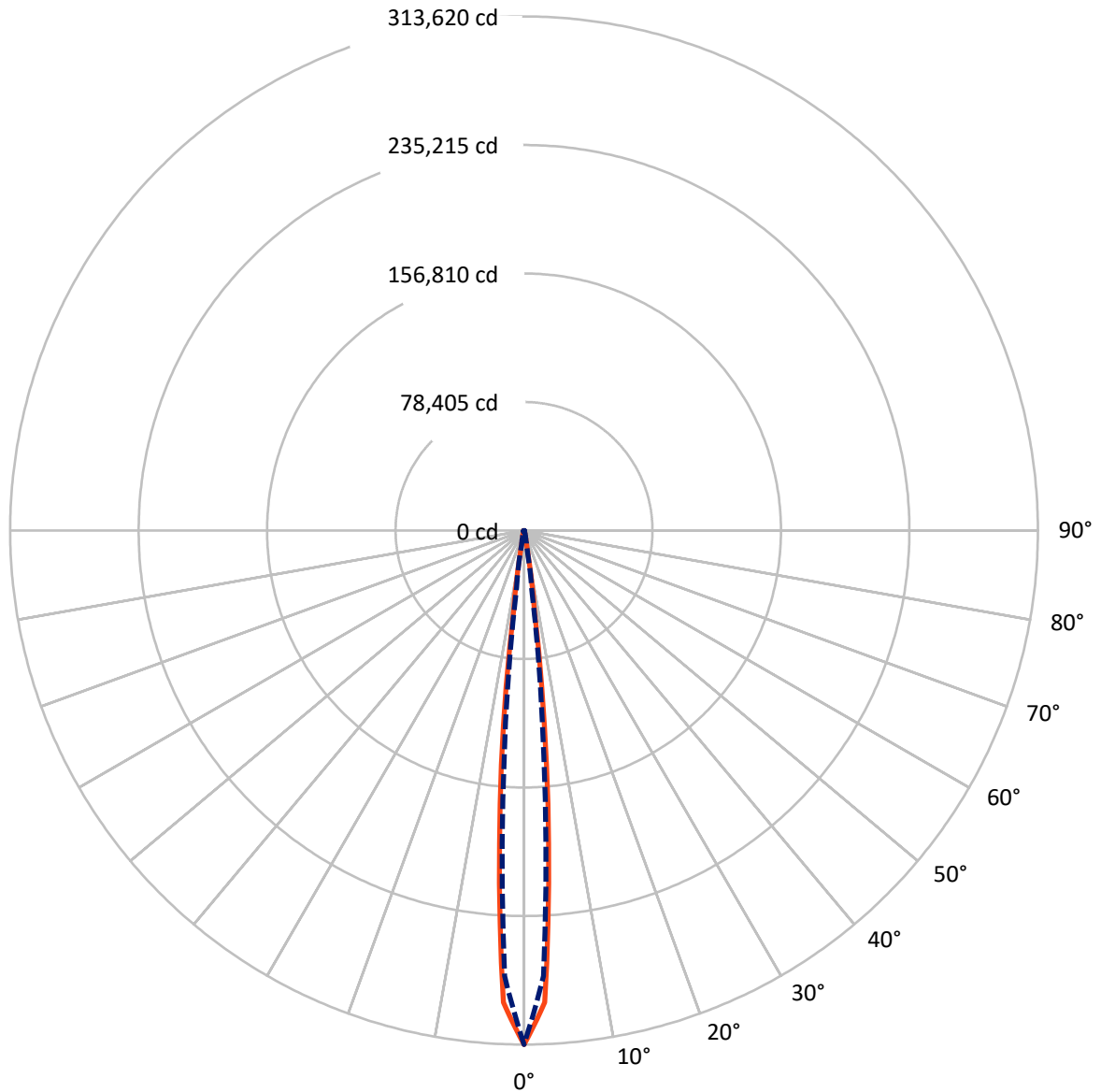
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Lumen Table

90	0.1	0.4	1.3	3.0	5.0	3.0	1.3	0.4	0.1										
80	0.1	0.4	1.3	3.0	5.0	3.0	1.3	0.4	0.1										
70	0.2	0.2	0.6	1.3	2.1	2.7	4.3	7.6	7.6	4.3	2.7	2.1	1.3	0.6	0.2	0.2			
60		0.5	1.2	2.5	4.0	5.4	7.3	9.9	9.9	7.3	5.4	4.0	2.5	1.2	0.5				
50	0.6	0.9	1.9	3.9	6.9	10.4	13.3	15.9	15.9	13.3	10.4	6.9	3.9	1.9	0.9	0.6			
40		1.3	2.7	5.9	10.7	14.5	16.4	17.3	17.3	16.4	14.5	10.7	5.9	2.7	1.3				
30	1.2	2.0	3.8	8.4	13.2	15.7	21.4	28.2	28.2	21.4	15.7	13.2	8.4	3.8	2.0	1.2			
20		2.7	5.2	10.6	14.6	20.7	42.0	83.9	83.9	42.0	20.7	14.6	10.6	5.2	2.7				
10	1.4	3.0	6.2	11.8	15.1	26.6	83.0	2453.8	2453.8	83.0	26.6	15.1	11.8	6.2	3.0	1.4			
0		3.0	6.2	11.8	15.1	26.6	83.0	2453.8	2453.8	83.0	26.6	15.1	11.8	6.2	3.0				
-10	1.2	2.7	5.2	10.6	14.6	20.7	42.0	83.9	83.9	42.0	20.7	14.6	10.6	5.2	2.7	1.2			
-20		2.0	3.8	8.4	13.2	15.7	21.4	28.2	28.2	21.4	15.7	13.2	8.4	3.8	2.0				
-30	0.6	1.3	2.7	5.9	10.7	14.5	16.4	17.3	17.3	16.4	14.5	10.7	5.9	2.7	1.3	0.6			
-40		0.9	1.9	3.9	6.9	10.4	13.3	15.9	15.9	13.3	10.4	6.9	3.9	1.9	0.9				
-50	0.2	0.5	1.2	2.5	4.0	5.4	7.3	9.9	9.9	7.3	5.4	4.0	2.5	1.2	0.5	0.2			
-60		0.2	0.6	1.3	2.1	2.7	4.3	7.6	7.6	4.3	2.7	2.1	1.3	0.6	0.2				
-70	0.1	0.4	1.3	3.0	5.0	3.0	1.3	0.4	0.1						0.1				
-80		0.1	0.4	1.3	3.0	5.0	3.0	1.3	0.4	0.1									
-90	0.1	0.4	1.3	3.0	5.0	3.0	1.3	0.4	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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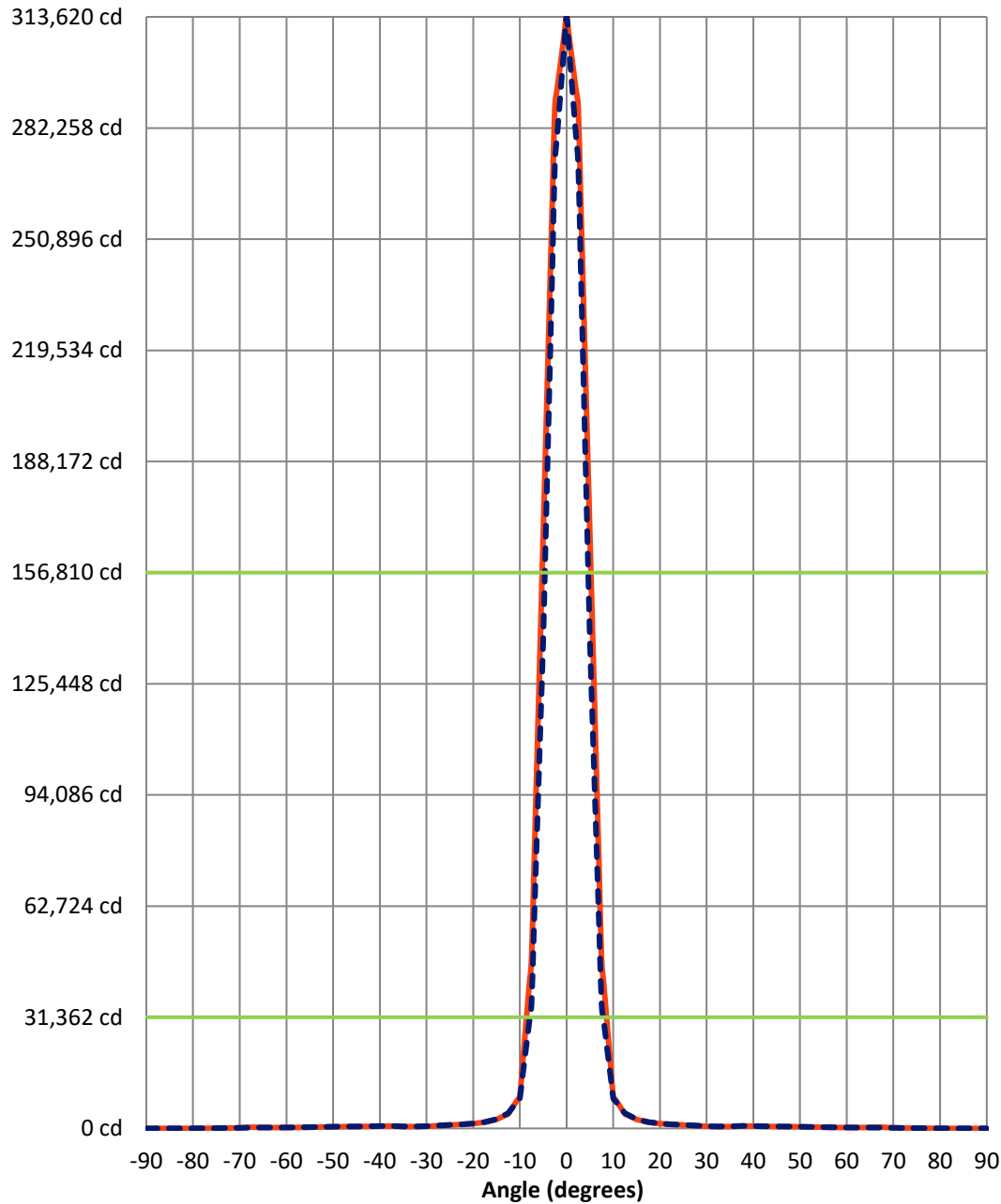
Luminous Intensity Polar Plot



— 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: 5234.7
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 9022
Efficiency: 73.9%

Spill:
Lumens: 3191.1
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	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.6	3.6	3.6
80°	0.0	0.6	1.2	1.9	2.5	3.1	3.6	3.6	3.6	3.6	3.6
77.5°	0.0	0.8	1.6	2.3	3.1	3.6	3.6	3.6	3.6	3.6	4.0
75°	0.0	0.9	1.9	2.8	3.6	3.6	3.6	3.6	3.7	4.7	5.5
72.5°	0.0	1.1	2.2	3.2	3.6	3.6	3.6	4.0	5.2	6.2	7.0
70°	0.0	1.2	2.5	3.6	3.6	3.6	3.8	5.4	6.8	7.8	9.7
67.5°	0.0	1.4	2.8	3.6	3.6	3.6	5.1	6.9	8.3	10.7	12.8
65°	0.0	1.5	3.0	3.6	3.6	4.2	6.4	8.3	11.0	13.6	16.4
62.5°	0.0	1.7	3.3	3.6	3.6	5.4	7.8	10.5	13.7	16.9	21.0
60°	0.0	1.8	3.6	3.6	3.6	6.5	9.1	12.9	16.4	21.3	25.7
57.5°	0.0	1.9	3.6	3.6	4.5	7.7	11.4	15.4	20.3	25.8	31.1
55°	0.0	2.1	3.6	3.6	5.5	8.8	13.8	18.0	24.4	30.6	36.9
52.5°	0.0	2.2	3.7	3.6	6.4	10.2	16.4	22.0	28.6	36.1	42.8
50°	0.0	2.3	3.7	3.6	7.3	12.4	18.9	26.3	33.1	41.7	50.0
47.5°	0.0	2.4	3.8	3.8	8.2	14.7	21.8	30.8	38.2	47.4	57.5
45°	0.0	2.5	3.8	4.4	9.1	16.9	25.8	35.4	44.3	54.5	65.2
42.5°	0.0	2.7	3.9	5.1	10.0	19.2	29.8	40.6	50.7	61.7	74.5
40°	0.0	2.8	3.9	5.7	11.3	21.5	33.9	46.3	57.8	69.3	84.2
37.5°	0.0	2.9	4.0	6.3	13.1	23.7	38.0	52.2	65.7	78.8	94.3
35°	0.0	2.9	4.1	6.9	14.8	26.7	42.2	58.2	73.8	89.9	104.0
32.5°	0.0	3.0	4.2	7.3	16.5	30.0	46.6	64.2	81.9	101.4	116.3
30°	0.0	3.1	4.3	7.7	18.1	33.2	51.5	70.5	90.2	113.2	130.1
27.5°	0.0	3.2	4.3	8.1	19.1	36.3	56.3	77.3	99.0	125.4	145.3
25°	0.0	3.3	4.4	8.4	20.0	39.4	61.0	83.9	109.0	138.1	161.7
22.5°	0.0	3.3	4.5	8.7	20.6	41.8	65.7	90.5	119.0	151.5	175.7
20°	0.0	3.4	4.6	8.9	21.1	42.6	70.2	96.9	129.0	165.4	189.4
17.5°	0.0	3.4	4.7	9.0	21.4	43.2	72.6	103.1	138.7	179.7	202.8
15°	0.0	3.5	4.8	9.1	21.5	43.4	73.5	107.5	148.3	194.2	216.0
12.5°	0.0	3.5	4.9	9.2	21.5	43.4	74.0	109.8	154.5	208.6	229.0
10°	0.0	3.5	5.0	9.2	21.4	43.1	74.2	111.8	157.6	214.2	238.1
7.5°	0.0	3.6	5.1	9.1	21.1	42.5	74.0	113.6	159.9	217.5	239.7
5°	0.0	3.6	5.2	9.1	20.7	41.6	73.5	114.9	161.5	219.8	241.0
2.5°	0.0	3.6	5.3	9.0	20.2	40.6	72.6	115.7	162.3	221.0	242.0
0°	0.0	3.6	5.4	8.9	19.6	39.3	71.4	116.0	162.4	221.2	242.6
-2.5°	0.0	3.6	5.3	9.0	20.2	40.6	72.6	115.7	162.3	221.0	242.0
-5°	0.0	3.6	5.2	9.1	20.7	41.6	73.5	114.9	161.5	219.8	241.0
-7.5°	0.0	3.6	5.1	9.1	21.1	42.5	74.0	113.6	159.9	217.5	239.7
-10°	0.0	3.5	5.0	9.2	21.4	43.1	74.2	111.8	157.6	214.2	238.1
-12.5°	0.0	3.5	4.9	9.2	21.5	43.4	74.0	109.8	154.5	208.6	229.0
-15°	0.0	3.5	4.8	9.1	21.5	43.4	73.5	107.5	148.3	194.2	216.0
-17.5°	0.0	3.4	4.7	9.0	21.4	43.2	72.6	103.1	138.7	179.7	202.8
-20°	0.0	3.4	4.6	8.9	21.1	42.6	70.2	96.9	129.0	165.4	189.4



REPORT NUMBER: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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	3.3	4.5	8.7	20.6	41.8	65.7	90.5	119.0	151.5	175.7
-25°	0.0	3.3	4.4	8.4	20.0	39.4	61.0	83.9	109.0	138.1	161.7
-27.5°	0.0	3.2	4.3	8.1	19.1	36.3	56.3	77.3	99.0	125.4	145.3
-30°	0.0	3.1	4.3	7.7	18.1	33.2	51.5	70.5	90.2	113.2	130.1
-32.5°	0.0	3.0	4.2	7.3	16.5	30.0	46.6	64.2	81.9	101.4	116.3
-35°	0.0	2.9	4.1	6.9	14.8	26.7	42.2	58.2	73.8	89.9	104.0
-37.5°	0.0	2.9	4.0	6.3	13.1	23.7	38.0	52.2	65.7	78.8	94.3
-40°	0.0	2.8	3.9	5.7	11.3	21.5	33.9	46.3	57.8	69.3	84.2
-42.5°	0.0	2.7	3.9	5.1	10.0	19.2	29.8	40.6	50.7	61.7	74.5
-45°	0.0	2.5	3.8	4.4	9.1	16.9	25.8	35.4	44.3	54.5	65.2
-47.5°	0.0	2.4	3.8	3.8	8.2	14.7	21.8	30.8	38.2	47.4	57.5
-50°	0.0	2.3	3.7	3.6	7.3	12.4	18.9	26.3	33.1	41.7	50.0
-52.5°	0.0	2.2	3.7	3.6	6.4	10.2	16.4	22.0	28.6	36.1	42.8
-55°	0.0	2.1	3.6	3.6	5.5	8.8	13.8	18.0	24.4	30.6	36.9
-57.5°	0.0	1.9	3.6	3.6	4.5	7.7	11.4	15.4	20.3	25.8	31.1
-60°	0.0	1.8	3.6	3.6	3.6	6.5	9.1	12.9	16.4	21.3	25.7
-62.5°	0.0	1.7	3.3	3.6	3.6	5.4	7.8	10.5	13.7	16.9	21.0
-65°	0.0	1.5	3.0	3.6	3.6	4.2	6.4	8.3	11.0	13.6	16.4
-67.5°	0.0	1.4	2.8	3.6	3.6	3.6	5.1	6.9	8.3	10.7	12.8
-70°	0.0	1.2	2.5	3.6	3.6	3.6	3.8	5.4	6.8	7.8	9.7
-72.5°	0.0	1.1	2.2	3.2	3.6	3.6	3.6	4.0	5.2	6.2	7.0
-75°	0.0	0.9	1.9	2.8	3.6	3.6	3.6	3.6	3.7	4.7	5.5
-77.5°	0.0	0.8	1.6	2.3	3.1	3.6	3.6	3.6	3.6	3.6	4.0
-80°	0.0	0.6	1.2	1.9	2.5	3.1	3.6	3.6	3.6	3.6	3.6
-82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.6	3.6	3.6
-85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	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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 CATALOG NUMBER: GFLD-SA6B-927-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°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	2.9	2.7	2.4	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
82.5°	3.3	3.2	3.1	3.1	3.3	3.5	3.7	4.0	4.3	4.6	4.9
80°	3.5	3.6	4.1	4.6	5.1	5.6	6.0	6.5	6.9	7.6	8.5
77.5°	4.6	5.3	5.9	6.6	7.3	8.7	9.9	10.9	12.2	13.6	15.2
75°	6.2	7.0	8.8	10.8	12.6	14.0	15.3	17.2	19.6	22.2	24.7
72.5°	8.5	10.7	13.1	15.6	18.6	21.1	23.6	25.9	29.7	33.9	37.1
70°	11.8	14.4	18.1	22.2	26.0	29.3	34.2	40.0	45.9	48.9	50.6
67.5°	15.2	19.5	24.0	28.8	34.1	39.7	46.5	52.7	58.7	61.1	63.4
65°	19.7	24.6	30.1	36.0	42.2	48.9	55.8	62.8	69.1	72.3	75.9
62.5°	24.3	30.1	36.5	43.2	50.0	57.2	65.6	72.6	78.0	84.4	92.0
60°	29.9	35.7	42.9	50.3	58.2	68.2	76.6	84.4	91.7	99.0	110.3
57.5°	35.8	41.3	49.4	58.1	68.9	80.4	89.9	98.4	108.4	118.8	130.3
55°	42.2	47.1	56.2	67.1	79.4	93.1	104.3	115.9	127.4	136.8	146.9
52.5°	49.4	54.0	63.5	76.0	90.4	105.7	120.6	132.7	143.4	153.6	165.1
50°	57.1	62.9	70.6	85.6	101.6	119.0	135.8	148.0	160.1	172.2	185.1
47.5°	66.0	72.5	79.0	95.1	113.2	131.0	148.5	164.0	177.5	193.5	208.4
45°	75.7	83.3	90.3	105.3	123.9	142.0	161.4	180.1	199.0	217.9	241.7
42.5°	86.0	94.3	103.2	114.8	133.4	153.4	174.2	199.1	223.1	249.5	280.3
40°	96.0	105.1	115.8	126.3	142.8	165.1	190.4	218.4	252.2	286.4	323.7
37.5°	105.7	116.3	127.7	138.6	153.2	178.3	206.3	241.9	282.7	325.9	373.4
35°	115.2	127.0	138.7	151.5	167.8	192.2	226.7	267.1	316.1	370.6	414.1
32.5°	124.6	137.2	149.0	164.5	184.7	209.7	246.4	297.3	353.8	409.1	438.1
30°	136.3	146.4	159.4	176.8	201.1	233.0	272.9	327.8	391.9	429.7	456.7
27.5°	151.9	155.6	170.2	190.6	218.1	255.9	305.5	362.5	415.6	448.7	473.0
25°	167.4	171.1	180.3	204.5	238.4	283.0	338.7	403.7	435.2	463.3	491.3
22.5°	182.1	186.0	197.6	217.7	258.0	310.6	375.3	432.2	462.2	480.1	510.5
20°	195.9	202.0	216.3	239.5	278.2	336.7	410.9	458.7	487.3	508.7	536.7
17.5°	209.2	217.7	235.3	263.4	306.5	366.1	443.2	485.1	512.9	533.6	568.3
15°	222.1	233.0	253.4	285.7	333.0	397.5	464.8	506.6	536.6	557.0	597.6
12.5°	234.6	247.8	270.8	306.5	356.8	424.9	483.1	520.6	550.5	581.7	623.6
10°	246.7	262.2	287.4	325.7	378.1	448.6	498.3	531.8	561.7	601.4	645.0
7.5°	248.6	269.5	300.9	343.5	397.0	468.6	510.9	540.5	573.1	619.4	664.4
5°	248.6	268.9	301.9	348.1	406.0	480.4	519.7	547.2	584.0	635.4	681.8
2.5°	248.4	267.6	302.2	349.6	408.3	481.6	521.0	548.9	590.2	651.2	697.7
0°	248.0	265.8	301.5	349.7	408.6	479.9	521.0	549.5	594.1	665.5	711.9
-2.5°	248.4	267.6	302.2	349.6	408.3	481.6	521.0	548.9	590.2	651.2	697.7
-5°	248.6	268.9	301.9	348.1	406.0	480.4	519.7	547.2	584.0	635.4	681.8
-7.5°	248.6	269.5	300.9	343.5	397.0	468.6	510.9	540.5	573.1	619.4	664.4
-10°	246.7	262.2	287.4	325.7	378.1	448.6	498.3	531.8	561.7	601.4	645.0
-12.5°	234.6	247.8	270.8	306.5	356.8	424.9	483.1	520.6	550.5	581.7	623.6
-15°	222.1	233.0	253.4	285.7	333.0	397.5	464.8	506.6	536.6	557.0	597.6
-17.5°	209.2	217.7	235.3	263.4	306.5	366.1	443.2	485.1	512.9	533.6	568.3
-20°	195.9	202.0	216.3	239.5	278.2	336.7	410.9	458.7	487.3	508.7	536.7



REPORT NUMBER: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	182.1	186.0	197.6	217.7	258.0	310.6	375.3	432.2	462.2	480.1	510.5
-25°	167.4	171.1	180.3	204.5	238.4	283.0	338.7	403.7	435.2	463.3	491.3
-27.5°	151.9	155.6	170.2	190.6	218.1	255.9	305.5	362.5	415.6	448.7	473.0
-30°	136.3	146.4	159.4	176.8	201.1	233.0	272.9	327.8	391.9	429.7	456.7
-32.5°	124.6	137.2	149.0	164.5	184.7	209.7	246.4	297.3	353.8	409.1	438.1
-35°	115.2	127.0	138.7	151.5	167.8	192.2	226.7	267.1	316.1	370.6	414.1
-37.5°	105.7	116.3	127.7	138.6	153.2	178.3	206.3	241.9	282.7	325.9	373.4
-40°	96.0	105.1	115.8	126.3	142.8	165.1	190.4	218.4	252.2	286.4	323.7
-42.5°	86.0	94.3	103.2	114.8	133.4	153.4	174.2	199.1	223.1	249.5	280.3
-45°	75.7	83.3	90.3	105.3	123.9	142.0	161.4	180.1	199.0	217.9	241.7
-47.5°	66.0	72.5	79.0	95.1	113.2	131.0	148.5	164.0	177.5	193.5	208.4
-50°	57.1	62.9	70.6	85.6	101.6	119.0	135.8	148.0	160.1	172.2	185.1
-52.5°	49.4	54.0	63.5	76.0	90.4	105.7	120.6	132.7	143.4	153.6	165.1
-55°	42.2	47.1	56.2	67.1	79.4	93.1	104.3	115.9	127.4	136.8	146.9
-57.5°	35.8	41.3	49.4	58.1	68.9	80.4	89.9	98.4	108.4	118.8	130.3
-60°	29.9	35.7	42.9	50.3	58.2	68.2	76.6	84.4	91.7	99.0	110.3
-62.5°	24.3	30.1	36.5	43.2	50.0	57.2	65.6	72.6	78.0	84.4	92.0
-65°	19.7	24.6	30.1	36.0	42.2	48.9	55.8	62.8	69.1	72.3	75.9
-67.5°	15.2	19.5	24.0	28.8	34.1	39.7	46.5	52.7	58.7	61.1	63.4
-70°	11.8	14.4	18.1	22.2	26.0	29.3	34.2	40.0	45.9	48.9	50.6
-72.5°	8.5	10.7	13.1	15.6	18.6	21.1	23.6	25.9	29.7	33.9	37.1
-75°	6.2	7.0	8.8	10.8	12.6	14.0	15.3	17.2	19.6	22.2	24.7
-77.5°	4.6	5.3	5.9	6.6	7.3	8.7	9.9	10.9	12.2	13.6	15.2
-80°	3.5	3.6	4.1	4.6	5.1	5.6	6.0	6.5	6.9	7.6	8.5
-82.5°	3.3	3.2	3.1	3.1	3.3	3.5	3.7	4.0	4.3	4.6	4.9
-85°	2.9	2.7	2.4	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
-87.5°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
-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: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
82.5°	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.6	6.7	6.8	6.9
80°	9.5	10.3	10.9	11.3	11.6	12.9	14.4	16.1	17.8	18.4	18.8
77.5°	17.0	18.3	19.1	19.6	20.1	22.8	26.4	30.2	34.0	36.0	37.7
75°	27.1	28.5	29.5	30.2	30.7	34.9	41.3	47.9	54.8	58.4	60.9
72.5°	39.2	40.4	41.4	42.2	42.8	49.1	60.5	72.9	86.1	94.1	100.0
70°	52.2	53.6	54.8	55.7	56.4	64.0	80.5	97.9	115.8	133.7	152.8
67.5°	66.0	68.9	70.5	71.4	72.3	78.8	96.4	112.7	127.8	160.2	211.3
65°	81.0	87.9	90.8	92.4	93.0	95.9	111.1	124.7	136.9	162.2	201.1
62.5°	100.2	109.3	113.5	115.3	116.4	116.6	128.9	140.4	150.8	166.6	191.4
60°	120.9	130.7	135.8	137.2	138.1	138.5	148.3	159.7	170.1	182.9	206.0
57.5°	139.8	149.0	156.6	159.6	162.0	163.6	172.3	185.5	197.9	210.8	235.6
55°	157.9	169.0	179.6	185.4	190.9	195.7	204.2	220.9	236.9	251.9	277.7
52.5°	177.6	191.8	205.9	216.5	226.9	235.9	245.1	266.8	288.1	308.2	333.2
50°	201.1	218.7	239.3	256.6	271.4	286.1	299.2	324.9	353.7	381.1	407.4
47.5°	230.9	254.1	280.4	305.0	325.2	347.9	368.5	394.9	420.3	445.8	467.6
45°	267.5	299.6	329.9	362.6	391.5	406.4	418.4	434.8	461.0	486.0	506.4
42.5°	314.3	351.7	389.0	413.4	431.9	444.0	452.7	461.4	488.9	513.0	532.7
40°	366.4	404.0	426.9	446.9	459.7	470.6	484.2	497.6	519.1	543.9	565.8
37.5°	411.5	435.6	455.8	471.5	487.0	501.4	521.0	540.3	560.8	588.6	609.0
35°	439.3	460.5	481.0	500.7	520.5	542.7	567.2	595.5	620.7	597.8	564.8
32.5°	460.5	482.3	507.1	537.4	564.7	595.0	625.7	576.4	525.8	506.1	510.1
30°	479.0	504.3	538.4	578.0	615.9	602.4	535.0	511.4	518.4	532.2	558.9
27.5°	498.8	530.3	571.8	620.5	590.6	516.1	520.0	533.6	579.8	619.0	678.5
25°	522.2	560.2	611.8	589.2	520.9	527.9	562.5	614.7	702.7	784.8	856.6
22.5°	550.4	598.8	605.6	521.0	530.2	575.4	645.6	758.6	865.5	964.7	1038.7
20°	579.0	634.8	549.1	531.1	570.8	651.5	781.8	911.6	1030.9	1119.6	1193.8
17.5°	613.3	593.6	532.9	551.9	632.2	771.7	918.3	1055.8	1168.4	1321.8	1452.4
15°	643.4	554.0	542.6	605.5	726.3	883.2	1042.5	1166.0	1369.4	1589.2	1811.5
12.5°	626.1	539.9	560.1	653.2	812.0	981.6	1122.4	1317.9	1587.0	1908.0	2390.5
10°	600.6	547.8	597.3	719.1	885.4	1050.6	1196.9	1453.1	1808.3	2397.9	3157.7
7.5°	580.9	551.2	621.9	769.8	939.9	1092.2	1287.3	1598.0	2093.0	2902.0	4519.6
5°	565.9	551.0	633.2	799.1	972.2	1120.9	1343.0	1703.4	2372.0	3524.7	6288.8
2.5°	559.3	548.2	636.3	814.8	988.0	1136.9	1377.7	1779.1	2548.1	4103.1	8269.5
0°	563.8	542.4	635.1	820.7	997.3	1134.7	1382.7	1802.0	2601.2	4316.7	8535.2
-2.5°	559.3	548.2	636.3	814.8	988.0	1136.9	1377.7	1779.1	2548.1	4103.1	8269.5
-5°	565.9	551.0	633.2	799.1	972.2	1120.9	1343.0	1703.4	2372.0	3524.7	6288.8
-7.5°	580.9	551.2	621.9	769.8	939.9	1092.2	1287.3	1598.0	2093.0	2902.0	4519.6
-10°	600.6	547.8	597.3	719.1	885.4	1050.6	1196.9	1453.1	1808.3	2397.9	3157.7
-12.5°	626.1	539.9	560.1	653.2	812.0	981.6	1122.4	1317.9	1587.0	1908.0	2390.5
-15°	643.4	554.0	542.6	605.5	726.3	883.2	1042.5	1166.0	1369.4	1589.2	1811.5
-17.5°	613.3	593.6	532.9	551.9	632.2	771.7	918.3	1055.8	1168.4	1321.8	1452.4
-20°	579.0	634.8	549.1	531.1	570.8	651.5	781.8	911.6	1030.9	1119.6	1193.8



REPORT NUMBER: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	550.4	598.8	605.6	521.0	530.2	575.4	645.6	758.6	865.5	964.7	1038.7
-25°	522.2	560.2	611.8	589.2	520.9	527.9	562.5	614.7	702.7	784.8	856.6
-27.5°	498.8	530.3	571.8	620.5	590.6	516.1	520.0	533.6	579.8	619.0	678.5
-30°	479.0	504.3	538.4	578.0	615.9	602.4	535.0	511.4	518.4	532.2	558.9
-32.5°	460.5	482.3	507.1	537.4	564.7	595.0	625.7	576.4	525.8	506.1	510.1
-35°	439.3	460.5	481.0	500.7	520.5	542.7	567.2	595.5	620.7	597.8	564.8
-37.5°	411.5	435.6	455.8	471.5	487.0	501.4	521.0	540.3	560.8	588.6	609.0
-40°	366.4	404.0	426.9	446.9	459.7	470.6	484.2	497.6	519.1	543.9	565.8
-42.5°	314.3	351.7	389.0	413.4	431.9	444.0	452.7	461.4	488.9	513.0	532.7
-45°	267.5	299.6	329.9	362.6	391.5	406.4	418.4	434.8	461.0	486.0	506.4
-47.5°	230.9	254.1	280.4	305.0	325.2	347.9	368.5	394.9	420.3	445.8	467.6
-50°	201.1	218.7	239.3	256.6	271.4	286.1	299.2	324.9	353.7	381.1	407.4
-52.5°	177.6	191.8	205.9	216.5	226.9	235.9	245.1	266.8	288.1	308.2	333.2
-55°	157.9	169.0	179.6	185.4	190.9	195.7	204.2	220.9	236.9	251.9	277.7
-57.5°	139.8	149.0	156.6	159.6	162.0	163.6	172.3	185.5	197.9	210.8	235.6
-60°	120.9	130.7	135.8	137.2	138.1	138.5	148.3	159.7	170.1	182.9	206.0
-62.5°	100.2	109.3	113.5	115.3	116.4	116.6	128.9	140.4	150.8	166.6	191.4
-65°	81.0	87.9	90.8	92.4	93.0	95.9	111.1	124.7	136.9	162.2	201.1
-67.5°	66.0	68.9	70.5	71.4	72.3	78.8	96.4	112.7	127.8	160.2	211.3
-70°	52.2	53.6	54.8	55.7	56.4	64.0	80.5	97.9	115.8	133.7	152.8
-72.5°	39.2	40.4	41.4	42.2	42.8	49.1	60.5	72.9	86.1	94.1	100.0
-75°	27.1	28.5	29.5	30.2	30.7	34.9	41.3	47.9	54.8	58.4	60.9
-77.5°	17.0	18.3	19.1	19.6	20.1	22.8	26.4	30.2	34.0	36.0	37.7
-80°	9.5	10.3	10.9	11.3	11.6	12.9	14.4	16.1	17.8	18.4	18.8
-82.5°	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.6	6.7	6.8	6.9
-85°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
82.5°	7.0	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.8	6.7	6.6
80°	19.2	19.4	18.7	17.8	18.7	19.4	19.2	18.8	18.4	17.8	16.1
77.5°	39.2	40.5	39.2	37.5	39.2	40.5	39.2	37.7	36.0	34.0	30.2
75°	63.2	65.3	64.1	62.4	64.1	65.3	63.2	60.9	58.4	54.8	47.9
72.5°	105.6	110.8	109.5	107.0	109.5	110.8	105.6	100.0	94.1	86.1	72.9
70°	172.9	193.2	192.3	187.3	192.3	193.2	172.9	152.8	133.7	115.8	97.9
67.5°	266.6	324.1	342.4	351.5	342.4	324.1	266.6	211.3	160.2	127.8	112.7
65°	237.4	272.1	285.9	296.2	285.9	272.1	237.4	201.1	162.2	136.9	124.7
62.5°	213.6	234.2	238.6	239.1	238.6	234.2	213.6	191.4	166.6	150.8	140.4
60°	228.5	250.4	253.7	249.8	253.7	250.4	228.5	206.0	182.9	170.1	159.7
57.5°	259.5	282.5	286.7	281.9	286.7	282.5	259.5	235.6	210.8	197.9	185.5
55°	302.5	325.6	333.3	331.8	333.3	325.6	302.5	277.7	251.9	236.9	220.9
52.5°	357.2	378.5	387.4	387.2	387.4	378.5	357.2	333.2	308.2	288.1	266.8
50°	430.4	449.5	459.0	460.3	459.0	449.5	430.4	407.4	381.1	353.7	324.9
47.5°	483.2	495.7	502.2	503.1	502.2	495.7	483.2	467.6	445.8	420.3	394.9
45°	515.5	522.2	527.3	531.7	527.3	522.2	515.5	506.4	486.0	461.0	434.8
42.5°	545.9	559.9	570.3	572.7	570.3	559.9	545.9	532.7	513.0	488.9	461.4
40°	586.6	606.1	624.6	644.1	624.6	606.1	586.6	565.8	543.9	519.1	497.6
37.5°	630.2	651.7	669.6	679.8	669.6	651.7	630.2	609.0	588.6	560.8	540.3
35°	541.5	527.3	518.9	515.6	518.9	527.3	541.5	564.8	597.8	620.7	595.5
32.5°	512.5	513.5	511.8	508.5	511.8	513.5	512.5	510.1	506.1	525.8	576.4
30°	578.7	588.1	589.3	588.8	589.3	588.1	578.7	558.9	532.2	518.4	511.4
27.5°	722.5	746.6	754.0	769.0	754.0	746.6	722.5	678.5	619.0	579.8	533.6
25°	912.1	948.5	965.9	972.3	965.9	948.5	912.1	856.6	784.8	702.7	614.7
22.5°	1080.6	1108.3	1124.5	1138.3	1124.5	1108.3	1080.6	1038.7	964.7	865.5	758.6
20°	1280.2	1330.9	1354.2	1355.9	1354.2	1330.9	1280.2	1193.8	1119.6	1030.9	911.6
17.5°	1591.9	1690.6	1739.9	1753.8	1739.9	1690.6	1591.9	1452.4	1321.8	1168.4	1055.8
15°	2083.7	2335.5	2465.1	2526.3	2465.1	2335.5	2083.7	1811.5	1589.2	1369.4	1166.0
12.5°	2885.9	3453.7	3912.9	4085.7	3912.9	3453.7	2885.9	2390.5	1908.0	1587.0	1317.9
10°	4475.5	6171.0	8151.7	9075.8	8151.7	6171.0	4475.5	3157.7	2397.9	1808.3	1453.1
7.5°	8658.2	20102.7	38962.4	47959.0	38962.4	20102.7	8658.2	4519.6	2902.0	2093.0	1598.0
5°	18455.2	79646.7	142637.3	167539.7	142637.3	79646.7	18455.2	6288.8	3524.7	2372.0	1703.4
2.5°	29395.1	130631.0	246479.6	288206.9	246479.6	130631.0	29395.1	8269.5	4103.1	2548.1	1779.1
0°	35121.3	137661.0	271984.8	313619.9	271984.8	137661.0	35121.3	8535.2	4316.7	2601.2	1802.0
-2.5°	29395.1	130631.0	246479.6	288206.9	246479.6	130631.0	29395.1	8269.5	4103.1	2548.1	1779.1
-5°	18455.2	79646.7	142637.3	167539.7	142637.3	79646.7	18455.2	6288.8	3524.7	2372.0	1703.4
-7.5°	8658.2	20102.7	38962.4	47959.0	38962.4	20102.7	8658.2	4519.6	2902.0	2093.0	1598.0
-10°	4475.5	6171.0	8151.7	9075.8	8151.7	6171.0	4475.5	3157.7	2397.9	1808.3	1453.1
-12.5°	2885.9	3453.7	3912.9	4085.7	3912.9	3453.7	2885.9	2390.5	1908.0	1587.0	1317.9
-15°	2083.7	2335.5	2465.1	2526.3	2465.1	2335.5	2083.7	1811.5	1589.2	1369.4	1166.0
-17.5°	1591.9	1690.6	1739.9	1753.8	1739.9	1690.6	1591.9	1452.4	1321.8	1168.4	1055.8
-20°	1280.2	1330.9	1354.2	1355.9	1354.2	1330.9	1280.2	1193.8	1119.6	1030.9	911.6



REPORT NUMBER: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1080.6	1108.3	1124.5	1138.3	1124.5	1108.3	1080.6	1038.7	964.7	865.5	758.6
-25°	912.1	948.5	965.9	972.3	965.9	948.5	912.1	856.6	784.8	702.7	614.7
-27.5°	722.5	746.6	754.0	769.0	754.0	746.6	722.5	678.5	619.0	579.8	533.6
-30°	578.7	588.1	589.3	588.8	589.3	588.1	578.7	558.9	532.2	518.4	511.4
-32.5°	512.5	513.5	511.8	508.5	511.8	513.5	512.5	510.1	506.1	525.8	576.4
-35°	541.5	527.3	518.9	515.6	518.9	527.3	541.5	564.8	597.8	620.7	595.5
-37.5°	630.2	651.7	669.6	679.8	669.6	651.7	630.2	609.0	588.6	560.8	540.3
-40°	586.6	606.1	624.6	644.1	624.6	606.1	586.6	565.8	543.9	519.1	497.6
-42.5°	545.9	559.9	570.3	572.7	570.3	559.9	545.9	532.7	513.0	488.9	461.4
-45°	515.5	522.2	527.3	531.7	527.3	522.2	515.5	506.4	486.0	461.0	434.8
-47.5°	483.2	495.7	502.2	503.1	502.2	495.7	483.2	467.6	445.8	420.3	394.9
-50°	430.4	449.5	459.0	460.3	459.0	449.5	430.4	407.4	381.1	353.7	324.9
-52.5°	357.2	378.5	387.4	387.2	387.4	378.5	357.2	333.2	308.2	288.1	266.8
-55°	302.5	325.6	333.3	331.8	333.3	325.6	302.5	277.7	251.9	236.9	220.9
-57.5°	259.5	282.5	286.7	281.9	286.7	282.5	259.5	235.6	210.8	197.9	185.5
-60°	228.5	250.4	253.7	249.8	253.7	250.4	228.5	206.0	182.9	170.1	159.7
-62.5°	213.6	234.2	238.6	239.1	238.6	234.2	213.6	191.4	166.6	150.8	140.4
-65°	237.4	272.1	285.9	296.2	285.9	272.1	237.4	201.1	162.2	136.9	124.7
-67.5°	266.6	324.1	342.4	351.5	342.4	324.1	266.6	211.3	160.2	127.8	112.7
-70°	172.9	193.2	192.3	187.3	192.3	193.2	172.9	152.8	133.7	115.8	97.9
-72.5°	105.6	110.8	109.5	107.0	109.5	110.8	105.6	100.0	94.1	86.1	72.9
-75°	63.2	65.3	64.1	62.4	64.1	65.3	63.2	60.9	58.4	54.8	47.9
-77.5°	39.2	40.5	39.2	37.5	39.2	40.5	39.2	37.7	36.0	34.0	30.2
-80°	19.2	19.4	18.7	17.8	18.7	19.4	19.2	18.8	18.4	17.8	16.1
-82.5°	7.0	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.8	6.7	6.6
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	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: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.5
82.5°	6.5	6.3	6.1	5.9	5.7	5.4	5.2	4.9	4.6	4.3	4.0
80°	14.4	12.9	11.6	11.3	10.9	10.3	9.5	8.5	7.6	6.9	6.5
77.5°	26.4	22.8	20.1	19.6	19.1	18.3	17.0	15.2	13.6	12.2	10.9
75°	41.3	34.9	30.7	30.2	29.5	28.5	27.1	24.7	22.2	19.6	17.2
72.5°	60.5	49.1	42.8	42.2	41.4	40.4	39.2	37.1	33.9	29.7	25.9
70°	80.5	64.0	56.4	55.7	54.8	53.6	52.2	50.6	48.9	45.9	40.0
67.5°	96.4	78.8	72.3	71.4	70.5	68.9	66.0	63.4	61.1	58.7	52.7
65°	111.1	95.9	93.0	92.4	90.8	87.9	81.0	75.9	72.3	69.1	62.8
62.5°	128.9	116.6	116.4	115.3	113.5	109.3	100.2	92.0	84.4	78.0	72.6
60°	148.3	138.5	138.1	137.2	135.8	130.7	120.9	110.3	99.0	91.7	84.4
57.5°	172.3	163.6	162.0	159.6	156.6	149.0	139.8	130.3	118.8	108.4	98.4
55°	204.2	195.7	190.9	185.4	179.6	169.0	157.9	146.9	136.8	127.4	115.9
52.5°	245.1	235.9	226.9	216.5	205.9	191.8	177.6	165.1	153.6	143.4	132.7
50°	299.2	286.1	271.4	256.6	239.3	218.7	201.1	185.1	172.2	160.1	148.0
47.5°	368.5	347.9	325.2	305.0	280.4	254.1	230.9	208.4	193.5	177.5	164.0
45°	418.4	406.4	391.5	362.6	329.9	299.6	267.5	241.7	217.9	199.0	180.1
42.5°	452.7	444.0	431.9	413.4	389.0	351.7	314.3	280.3	249.5	223.1	199.1
40°	484.2	470.6	459.7	446.9	426.9	404.0	366.4	323.7	286.4	252.2	218.4
37.5°	521.0	501.4	487.0	471.5	455.8	435.6	411.5	373.4	325.9	282.7	241.9
35°	567.2	542.7	520.5	500.7	481.0	460.5	439.3	414.1	370.6	316.1	267.1
32.5°	625.7	595.0	564.7	537.4	507.1	482.3	460.5	438.1	409.1	353.8	297.3
30°	535.0	602.4	615.9	578.0	538.4	504.3	479.0	456.7	429.7	391.9	327.8
27.5°	520.0	516.1	590.6	620.5	571.8	530.3	498.8	473.0	448.7	415.6	362.5
25°	562.5	527.9	520.9	589.2	611.8	560.2	522.2	491.3	463.3	435.2	403.7
22.5°	645.6	575.4	530.2	521.0	605.6	598.8	550.4	510.5	480.1	462.2	432.2
20°	781.8	651.5	570.8	531.1	549.1	634.8	579.0	536.7	508.7	487.3	458.7
17.5°	918.3	771.7	632.2	551.9	532.9	593.6	613.3	568.3	533.6	512.9	485.1
15°	1042.5	883.2	726.3	605.5	542.6	554.0	643.4	597.6	557.0	536.6	506.6
12.5°	1122.4	981.6	812.0	653.2	560.1	539.9	626.1	623.6	581.7	550.5	520.6
10°	1196.9	1050.6	885.4	719.1	597.3	547.8	600.6	645.0	601.4	561.7	531.8
7.5°	1287.3	1092.2	939.9	769.8	621.9	551.2	580.9	664.4	619.4	573.1	540.5
5°	1343.0	1120.9	972.2	799.1	633.2	551.0	565.9	681.8	635.4	584.0	547.2
2.5°	1377.7	1136.9	988.0	814.8	636.3	548.2	559.3	697.7	651.2	590.2	548.9
0°	1382.7	1134.7	997.3	820.7	635.1	542.4	563.8	711.9	665.5	594.1	549.5
-2.5°	1377.7	1136.9	988.0	814.8	636.3	548.2	559.3	697.7	651.2	590.2	548.9
-5°	1343.0	1120.9	972.2	799.1	633.2	551.0	565.9	681.8	635.4	584.0	547.2
-7.5°	1287.3	1092.2	939.9	769.8	621.9	551.2	580.9	664.4	619.4	573.1	540.5
-10°	1196.9	1050.6	885.4	719.1	597.3	547.8	600.6	645.0	601.4	561.7	531.8
-12.5°	1122.4	981.6	812.0	653.2	560.1	539.9	626.1	623.6	581.7	550.5	520.6
-15°	1042.5	883.2	726.3	605.5	542.6	554.0	643.4	597.6	557.0	536.6	506.6
-17.5°	918.3	771.7	632.2	551.9	532.9	593.6	613.3	568.3	533.6	512.9	485.1
-20°	781.8	651.5	570.8	531.1	549.1	634.8	579.0	536.7	508.7	487.3	458.7



REPORT NUMBER: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	645.6	575.4	530.2	521.0	605.6	598.8	550.4	510.5	480.1	462.2	432.2
-25°	562.5	527.9	520.9	589.2	611.8	560.2	522.2	491.3	463.3	435.2	403.7
-27.5°	520.0	516.1	590.6	620.5	571.8	530.3	498.8	473.0	448.7	415.6	362.5
-30°	535.0	602.4	615.9	578.0	538.4	504.3	479.0	456.7	429.7	391.9	327.8
-32.5°	625.7	595.0	564.7	537.4	507.1	482.3	460.5	438.1	409.1	353.8	297.3
-35°	567.2	542.7	520.5	500.7	481.0	460.5	439.3	414.1	370.6	316.1	267.1
-37.5°	521.0	501.4	487.0	471.5	455.8	435.6	411.5	373.4	325.9	282.7	241.9
-40°	484.2	470.6	459.7	446.9	426.9	404.0	366.4	323.7	286.4	252.2	218.4
-42.5°	452.7	444.0	431.9	413.4	389.0	351.7	314.3	280.3	249.5	223.1	199.1
-45°	418.4	406.4	391.5	362.6	329.9	299.6	267.5	241.7	217.9	199.0	180.1
-47.5°	368.5	347.9	325.2	305.0	280.4	254.1	230.9	208.4	193.5	177.5	164.0
-50°	299.2	286.1	271.4	256.6	239.3	218.7	201.1	185.1	172.2	160.1	148.0
-52.5°	245.1	235.9	226.9	216.5	205.9	191.8	177.6	165.1	153.6	143.4	132.7
-55°	204.2	195.7	190.9	185.4	179.6	169.0	157.9	146.9	136.8	127.4	115.9
-57.5°	172.3	163.6	162.0	159.6	156.6	149.0	139.8	130.3	118.8	108.4	98.4
-60°	148.3	138.5	138.1	137.2	135.8	130.7	120.9	110.3	99.0	91.7	84.4
-62.5°	128.9	116.6	116.4	115.3	113.5	109.3	100.2	92.0	84.4	78.0	72.6
-65°	111.1	95.9	93.0	92.4	90.8	87.9	81.0	75.9	72.3	69.1	62.8
-67.5°	96.4	78.8	72.3	71.4	70.5	68.9	66.0	63.4	61.1	58.7	52.7
-70°	80.5	64.0	56.4	55.7	54.8	53.6	52.2	50.6	48.9	45.9	40.0
-72.5°	60.5	49.1	42.8	42.2	41.4	40.4	39.2	37.1	33.9	29.7	25.9
-75°	41.3	34.9	30.7	30.2	29.5	28.5	27.1	24.7	22.2	19.6	17.2
-77.5°	26.4	22.8	20.1	19.6	19.1	18.3	17.0	15.2	13.6	12.2	10.9
-80°	14.4	12.9	11.6	11.3	10.9	10.3	9.5	8.5	7.6	6.9	6.5
-82.5°	6.5	6.3	6.1	5.9	5.7	5.4	5.2	4.9	4.6	4.3	4.0
-85°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.5
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-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: P559137 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-927-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°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.1
85°	2.4	2.3	2.2	2.1	2.4	2.7	2.9	3.0	2.8	2.5	2.2
82.5°	3.7	3.5	3.3	3.1	3.1	3.2	3.3	3.6	3.6	3.6	3.2
80°	6.0	5.6	5.1	4.6	4.1	3.6	3.5	3.6	3.6	3.6	3.6
77.5°	9.9	8.7	7.3	6.6	5.9	5.3	4.6	4.0	3.6	3.6	3.6
75°	15.3	14.0	12.6	10.8	8.8	7.0	6.2	5.5	4.7	3.7	3.6
72.5°	23.6	21.1	18.6	15.6	13.1	10.7	8.5	7.0	6.2	5.2	4.0
70°	34.2	29.3	26.0	22.2	18.1	14.4	11.8	9.7	7.8	6.8	5.4
67.5°	46.5	39.7	34.1	28.8	24.0	19.5	15.2	12.8	10.7	8.3	6.9
65°	55.8	48.9	42.2	36.0	30.1	24.6	19.7	16.4	13.6	11.0	8.3
62.5°	65.6	57.2	50.0	43.2	36.5	30.1	24.3	21.0	16.9	13.7	10.5
60°	76.6	68.2	58.2	50.3	42.9	35.7	29.9	25.7	21.3	16.4	12.9
57.5°	89.9	80.4	68.9	58.1	49.4	41.3	35.8	31.1	25.8	20.3	15.4
55°	104.3	93.1	79.4	67.1	56.2	47.1	42.2	36.9	30.6	24.4	18.0
52.5°	120.6	105.7	90.4	76.0	63.5	54.0	49.4	42.8	36.1	28.6	22.0
50°	135.8	119.0	101.6	85.6	70.6	62.9	57.1	50.0	41.7	33.1	26.3
47.5°	148.5	131.0	113.2	95.1	79.0	72.5	66.0	57.5	47.4	38.2	30.8
45°	161.4	142.0	123.9	105.3	90.3	83.3	75.7	65.2	54.5	44.3	35.4
42.5°	174.2	153.4	133.4	114.8	103.2	94.3	86.0	74.5	61.7	50.7	40.6
40°	190.4	165.1	142.8	126.3	115.8	105.1	96.0	84.2	69.3	57.8	46.3
37.5°	206.3	178.3	153.2	138.6	127.7	116.3	105.7	94.3	78.8	65.7	52.2
35°	226.7	192.2	167.8	151.5	138.7	127.0	115.2	104.0	89.9	73.8	58.2
32.5°	246.4	209.7	184.7	164.5	149.0	137.2	124.6	116.3	101.4	81.9	64.2
30°	272.9	233.0	201.1	176.8	159.4	146.4	136.3	130.1	113.2	90.2	70.5
27.5°	305.5	255.9	218.1	190.6	170.2	155.6	151.9	145.3	125.4	99.0	77.3
25°	338.7	283.0	238.4	204.5	180.3	171.1	167.4	161.7	138.1	109.0	83.9
22.5°	375.3	310.6	258.0	217.7	197.6	186.0	182.1	175.7	151.5	119.0	90.5
20°	410.9	336.7	278.2	239.5	216.3	202.0	195.9	189.4	165.4	129.0	96.9
17.5°	443.2	366.1	306.5	263.4	235.3	217.7	209.2	202.8	179.7	138.7	103.1
15°	464.8	397.5	333.0	285.7	253.4	233.0	222.1	216.0	194.2	148.3	107.5
12.5°	483.1	424.9	356.8	306.5	270.8	247.8	234.6	229.0	208.6	154.5	109.8
10°	498.3	448.6	378.1	325.7	287.4	262.2	246.7	238.1	214.2	157.6	111.8
7.5°	510.9	468.6	397.0	343.5	300.9	269.5	248.6	239.7	217.5	159.9	113.6
5°	519.7	480.4	406.0	348.1	301.9	268.9	248.6	241.0	219.8	161.5	114.9
2.5°	521.0	481.6	408.3	349.6	302.2	267.6	248.4	242.0	221.0	162.3	115.7
0°	521.0	479.9	408.6	349.7	301.5	265.8	248.0	242.6	221.2	162.4	116.0
-2.5°	521.0	481.6	408.3	349.6	302.2	267.6	248.4	242.0	221.0	162.3	115.7
-5°	519.7	480.4	406.0	348.1	301.9	268.9	248.6	241.0	219.8	161.5	114.9
-7.5°	510.9	468.6	397.0	343.5	300.9	269.5	248.6	239.7	217.5	159.9	113.6
-10°	498.3	448.6	378.1	325.7	287.4	262.2	246.7	238.1	214.2	157.6	111.8
-12.5°	483.1	424.9	356.8	306.5	270.8	247.8	234.6	229.0	208.6	154.5	109.8
-15°	464.8	397.5	333.0	285.7	253.4	233.0	222.1	216.0	194.2	148.3	107.5
-17.5°	443.2	366.1	306.5	263.4	235.3	217.7	209.2	202.8	179.7	138.7	103.1
-20°	410.9	336.7	278.2	239.5	216.3	202.0	195.9	189.4	165.4	129.0	96.9



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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°	375.3	310.6	258.0	217.7	197.6	186.0	182.1	175.7	151.5	119.0	90.5
-25°	338.7	283.0	238.4	204.5	180.3	171.1	167.4	161.7	138.1	109.0	83.9
-27.5°	305.5	255.9	218.1	190.6	170.2	155.6	151.9	145.3	125.4	99.0	77.3
-30°	272.9	233.0	201.1	176.8	159.4	146.4	136.3	130.1	113.2	90.2	70.5
-32.5°	246.4	209.7	184.7	164.5	149.0	137.2	124.6	116.3	101.4	81.9	64.2
-35°	226.7	192.2	167.8	151.5	138.7	127.0	115.2	104.0	89.9	73.8	58.2
-37.5°	206.3	178.3	153.2	138.6	127.7	116.3	105.7	94.3	78.8	65.7	52.2
-40°	190.4	165.1	142.8	126.3	115.8	105.1	96.0	84.2	69.3	57.8	46.3
-42.5°	174.2	153.4	133.4	114.8	103.2	94.3	86.0	74.5	61.7	50.7	40.6
-45°	161.4	142.0	123.9	105.3	90.3	83.3	75.7	65.2	54.5	44.3	35.4
-47.5°	148.5	131.0	113.2	95.1	79.0	72.5	66.0	57.5	47.4	38.2	30.8
-50°	135.8	119.0	101.6	85.6	70.6	62.9	57.1	50.0	41.7	33.1	26.3
-52.5°	120.6	105.7	90.4	76.0	63.5	54.0	49.4	42.8	36.1	28.6	22.0
-55°	104.3	93.1	79.4	67.1	56.2	47.1	42.2	36.9	30.6	24.4	18.0
-57.5°	89.9	80.4	68.9	58.1	49.4	41.3	35.8	31.1	25.8	20.3	15.4
-60°	76.6	68.2	58.2	50.3	42.9	35.7	29.9	25.7	21.3	16.4	12.9
-62.5°	65.6	57.2	50.0	43.2	36.5	30.1	24.3	21.0	16.9	13.7	10.5
-65°	55.8	48.9	42.2	36.0	30.1	24.6	19.7	16.4	13.6	11.0	8.3
-67.5°	46.5	39.7	34.1	28.8	24.0	19.5	15.2	12.8	10.7	8.3	6.9
-70°	34.2	29.3	26.0	22.2	18.1	14.4	11.8	9.7	7.8	6.8	5.4
-72.5°	23.6	21.1	18.6	15.6	13.1	10.7	8.5	7.0	6.2	5.2	4.0
-75°	15.3	14.0	12.6	10.8	8.8	7.0	6.2	5.5	4.7	3.7	3.6
-77.5°	9.9	8.7	7.3	6.6	5.9	5.3	4.6	4.0	3.6	3.6	3.6
-80°	6.0	5.6	5.1	4.6	4.1	3.6	3.5	3.6	3.6	3.6	3.6
-82.5°	3.7	3.5	3.3	3.1	3.1	3.2	3.3	3.6	3.6	3.6	3.2
-85°	2.4	2.3	2.2	2.1	2.4	2.7	2.9	3.0	2.8	2.5	2.2
-87.5°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
80°	3.6	3.1	2.5	1.9	1.2	0.6	0.0
77.5°	3.6	3.6	3.1	2.3	1.6	0.8	0.0
75°	3.6	3.6	3.6	2.8	1.9	0.9	0.0
72.5°	3.6	3.6	3.6	3.2	2.2	1.1	0.0
70°	3.8	3.6	3.6	3.6	2.5	1.2	0.0
67.5°	5.1	3.6	3.6	3.6	2.8	1.4	0.0
65°	6.4	4.2	3.6	3.6	3.0	1.5	0.0
62.5°	7.8	5.4	3.6	3.6	3.3	1.7	0.0
60°	9.1	6.5	3.6	3.6	3.6	1.8	0.0
57.5°	11.4	7.7	4.5	3.6	3.6	1.9	0.0
55°	13.8	8.8	5.5	3.6	3.6	2.1	0.0
52.5°	16.4	10.2	6.4	3.6	3.7	2.2	0.0
50°	18.9	12.4	7.3	3.6	3.7	2.3	0.0
47.5°	21.8	14.7	8.2	3.8	3.8	2.4	0.0
45°	25.8	16.9	9.1	4.4	3.8	2.5	0.0
42.5°	29.8	19.2	10.0	5.1	3.9	2.7	0.0
40°	33.9	21.5	11.3	5.7	3.9	2.8	0.0
37.5°	38.0	23.7	13.1	6.3	4.0	2.9	0.0
35°	42.2	26.7	14.8	6.9	4.1	2.9	0.0
32.5°	46.6	30.0	16.5	7.3	4.2	3.0	0.0
30°	51.5	33.2	18.1	7.7	4.3	3.1	0.0
27.5°	56.3	36.3	19.1	8.1	4.3	3.2	0.0
25°	61.0	39.4	20.0	8.4	4.4	3.3	0.0
22.5°	65.7	41.8	20.6	8.7	4.5	3.3	0.0
20°	70.2	42.6	21.1	8.9	4.6	3.4	0.0
17.5°	72.6	43.2	21.4	9.0	4.7	3.4	0.0
15°	73.5	43.4	21.5	9.1	4.8	3.5	0.0
12.5°	74.0	43.4	21.5	9.2	4.9	3.5	0.0
10°	74.2	43.1	21.4	9.2	5.0	3.5	0.0
7.5°	74.0	42.5	21.1	9.1	5.1	3.6	0.0
5°	73.5	41.6	20.7	9.1	5.2	3.6	0.0
2.5°	72.6	40.6	20.2	9.0	5.3	3.6	0.0
0°	71.4	39.3	19.6	8.9	5.4	3.6	0.0
-2.5°	72.6	40.6	20.2	9.0	5.3	3.6	0.0
-5°	73.5	41.6	20.7	9.1	5.2	3.6	0.0
-7.5°	74.0	42.5	21.1	9.1	5.1	3.6	0.0
-10°	74.2	43.1	21.4	9.2	5.0	3.5	0.0
-12.5°	74.0	43.4	21.5	9.2	4.9	3.5	0.0
-15°	73.5	43.4	21.5	9.1	4.8	3.5	0.0
-17.5°	72.6	43.2	21.4	9.0	4.7	3.4	0.0
-20°	70.2	42.6	21.1	8.9	4.6	3.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	65.7	41.8	20.6	8.7	4.5	3.3	0.0
-25°	61.0	39.4	20.0	8.4	4.4	3.3	0.0
-27.5°	56.3	36.3	19.1	8.1	4.3	3.2	0.0
-30°	51.5	33.2	18.1	7.7	4.3	3.1	0.0
-32.5°	46.6	30.0	16.5	7.3	4.2	3.0	0.0
-35°	42.2	26.7	14.8	6.9	4.1	2.9	0.0
-37.5°	38.0	23.7	13.1	6.3	4.0	2.9	0.0
-40°	33.9	21.5	11.3	5.7	3.9	2.8	0.0
-42.5°	29.8	19.2	10.0	5.1	3.9	2.7	0.0
-45°	25.8	16.9	9.1	4.4	3.8	2.5	0.0
-47.5°	21.8	14.7	8.2	3.8	3.8	2.4	0.0
-50°	18.9	12.4	7.3	3.6	3.7	2.3	0.0
-52.5°	16.4	10.2	6.4	3.6	3.7	2.2	0.0
-55°	13.8	8.8	5.5	3.6	3.6	2.1	0.0
-57.5°	11.4	7.7	4.5	3.6	3.6	1.9	0.0
-60°	9.1	6.5	3.6	3.6	3.6	1.8	0.0
-62.5°	7.8	5.4	3.6	3.6	3.3	1.7	0.0
-65°	6.4	4.2	3.6	3.6	3.0	1.5	0.0
-67.5°	5.1	3.6	3.6	3.6	2.8	1.4	0.0
-70°	3.8	3.6	3.6	3.6	2.5	1.2	0.0
-72.5°	3.6	3.6	3.6	3.2	2.2	1.1	0.0
-75°	3.6	3.6	3.6	2.8	1.9	0.9	0.0
-77.5°	3.6	3.6	3.1	2.3	1.6	0.8	0.0
-80°	3.6	3.1	2.5	1.9	1.2	0.6	0.0
-82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)