

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: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558697 (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-SA2D-930-U-TSB-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

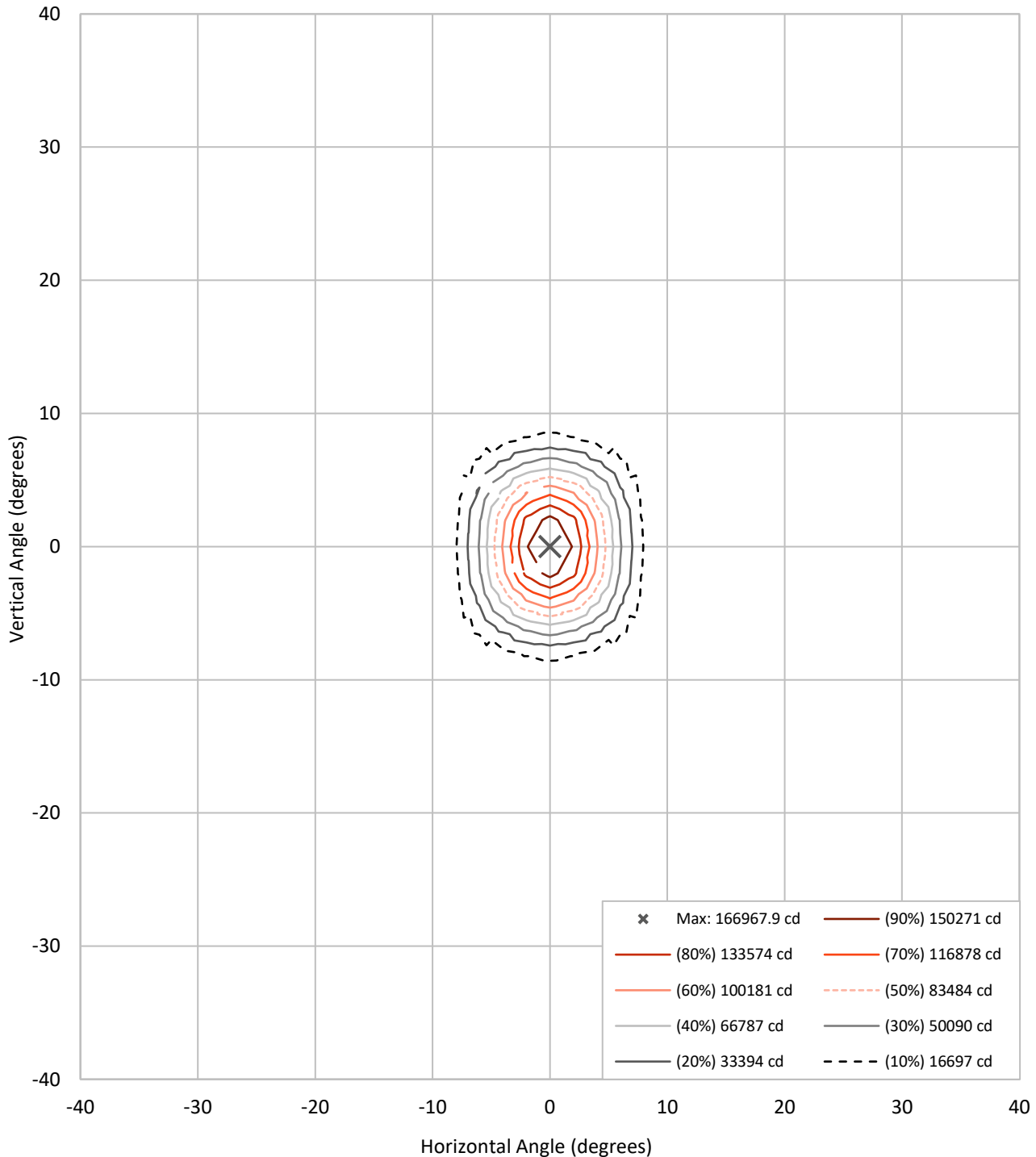
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6502.1 lumens	Max Intensity:	166967.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2786.9 lumens	Field Lumens:	4803.2 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 110
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





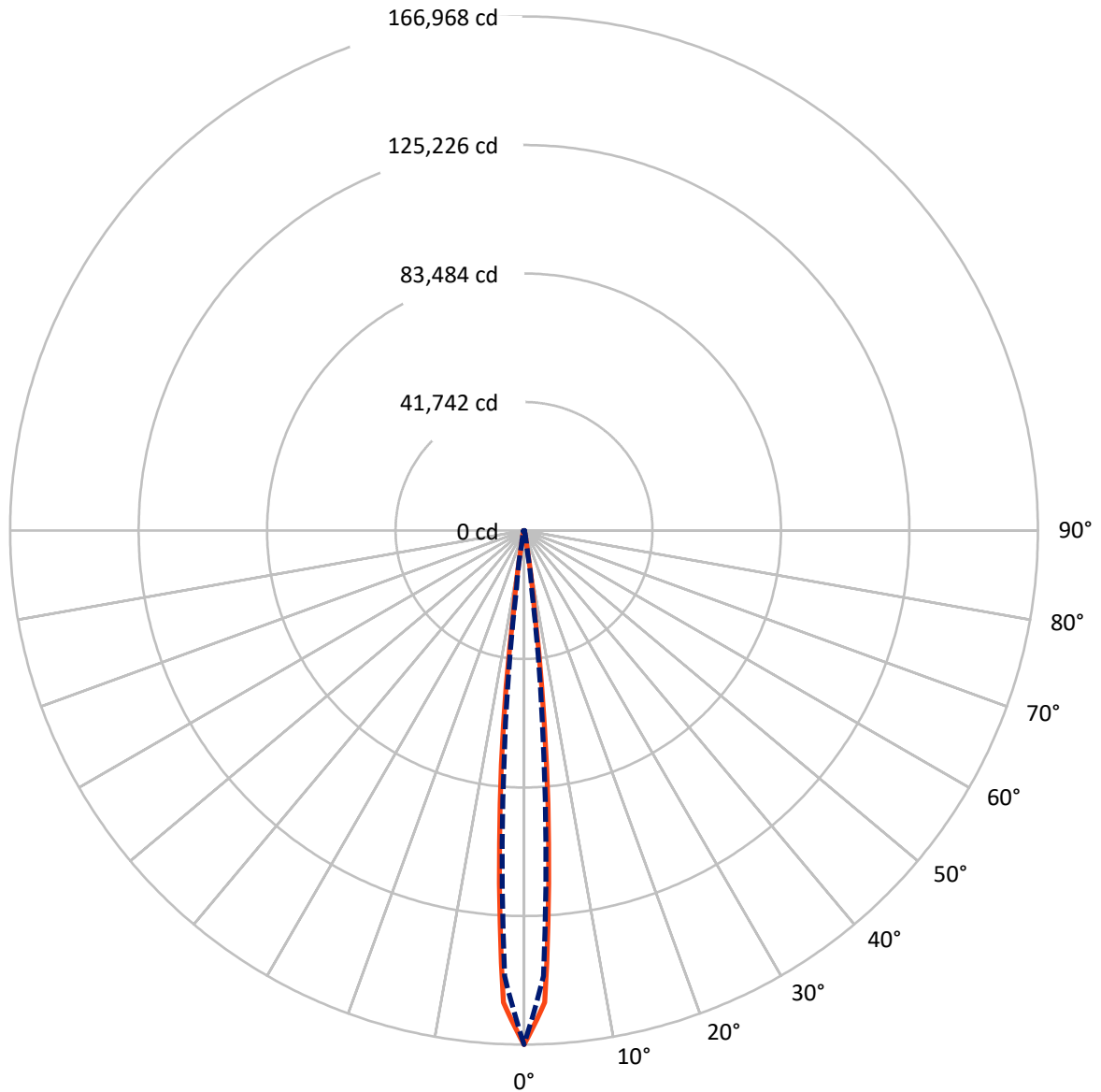
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Lumen Table

90	0.0		0.2		0.7		1.6		2.7		1.6		0.7		0.2		0.0		
80	0.0		0.2		0.7		1.6		2.7		1.6		0.7		0.2		0.0		
70	0.1	0.1	0.3	0.7	1.1	1.4	2.3	4.0	4.0	2.3	1.4	1.1	0.7	0.3	0.1	0.1			
60		0.3	0.6	1.3	2.1	2.9	3.9	5.2	5.2	3.9	2.9	2.1	1.3	0.6	0.3				
50	0.3	0.5	1.0	2.1	3.7	5.5	7.1	8.4	8.4	7.1	5.5	3.7	2.1	1.0	0.5	0.3			
40		0.7	1.5	3.2	5.7	7.7	8.7	9.2	9.2	8.7	7.7	5.7	3.2	1.5	0.7				
30	0.7	1.0	2.0	4.5	7.0	8.4	11.4	15.0	15.0	11.4	8.4	7.0	4.5	2.0	1.0	0.7			
20		1.4	2.8	5.7	7.8	11.0	22.3	44.7	44.7	22.3	11.0	7.8	5.7	2.8	1.4				
10	0.8	1.6	3.3	6.3	8.1	14.1	44.2	1306.4	1306.4	44.2	14.1	8.1	6.3	3.3	1.6	0.8			
0		1.6	3.3	6.3	8.1	14.1	44.2	1306.4	1306.4	44.2	14.1	8.1	6.3	3.3	1.6				
-10	0.7	1.4	2.8	5.7	7.8	11.0	22.3	44.7	44.7	22.3	11.0	7.8	5.7	2.8	1.4	0.7			
-20		1.0	2.0	4.5	7.0	8.4	11.4	15.0	15.0	11.4	8.4	7.0	4.5	2.0	1.0				
-30	0.3	0.7	1.5	3.2	5.7	7.7	8.7	9.2	9.2	8.7	7.7	5.7	3.2	1.5	0.7	0.3			
-40		0.5	1.0	2.1	3.7	5.5	7.1	8.4	8.4	7.1	5.5	3.7	2.1	1.0	0.5				
-50	0.1	0.3	0.6	1.3	2.1	2.9	3.9	5.2	5.2	3.9	2.9	2.1	1.3	0.6	0.3	0.1			
-60		0.1	0.3	0.7	1.1	1.4	2.3	4.0	4.0	2.3	1.4	1.1	0.7	0.3	0.1				
-70	0.0		0.2		0.7		1.6		2.7		1.6		0.7		0.2		0.0		
-80	0.0		0.2		0.7		1.6		2.7		1.6		0.7		0.2		0.0		
-90	0.0		0.2		0.7		1.6		2.7		1.6		0.7		0.2		0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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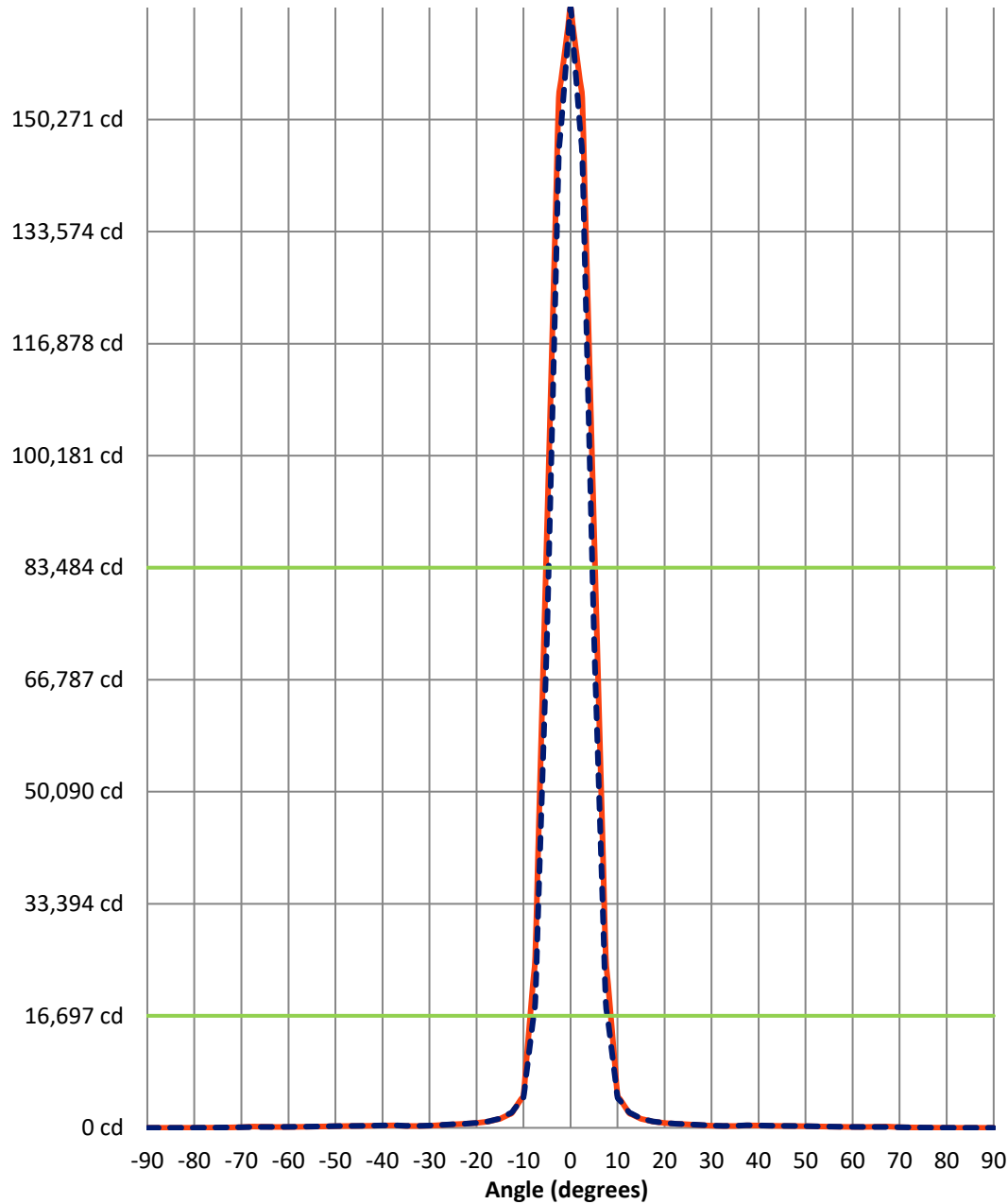
Luminous Intensity Polar Plot



— 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: 2786.9
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 4803.2
Efficiency: 73.9%

Spill:
Lumens: 1698.9
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	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	2.1
75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	2.0	2.5	2.9
72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	2.1	2.8	3.3	3.7
70°	0.0	0.6	1.3	1.9	1.9	1.9	2.0	2.9	3.6	4.2	5.2
67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.7	3.6	4.4	5.7	6.8
65°	0.0	0.8	1.6	1.9	1.9	2.2	3.4	4.4	5.9	7.3	8.7
62.5°	0.0	0.9	1.8	1.9	1.9	2.8	4.1	5.6	7.3	9.0	11.2
60°	0.0	0.9	1.9	1.9	1.9	3.5	4.8	6.9	8.7	11.4	13.7
57.5°	0.0	1.0	1.9	1.9	2.4	4.1	6.0	8.2	10.8	13.8	16.5
55°	0.0	1.1	1.9	1.9	2.9	4.7	7.4	9.6	13.0	16.3	19.6
52.5°	0.0	1.2	1.9	1.9	3.4	5.4	8.7	11.7	15.3	19.2	22.8
50°	0.0	1.2	2.0	1.9	3.9	6.6	10.1	14.0	17.6	22.2	26.6
47.5°	0.0	1.3	2.0	2.0	4.4	7.8	11.6	16.4	20.4	25.2	30.6
45°	0.0	1.3	2.0	2.3	4.8	9.0	13.7	18.8	23.6	29.0	34.7
42.5°	0.0	1.4	2.0	2.7	5.3	10.2	15.9	21.6	27.0	32.8	39.6
40°	0.0	1.5	2.1	3.0	6.0	11.4	18.0	24.7	30.7	36.9	44.8
37.5°	0.0	1.5	2.1	3.3	6.9	12.6	20.2	27.8	35.0	42.0	50.2
35°	0.0	1.6	2.1	3.6	7.8	14.2	22.5	31.0	39.3	47.8	55.4
32.5°	0.0	1.6	2.2	3.9	8.7	15.9	24.8	34.2	43.6	53.9	61.9
30°	0.0	1.6	2.2	4.1	9.6	17.6	27.4	37.5	48.0	60.3	69.2
27.5°	0.0	1.7	2.3	4.3	10.2	19.3	29.9	41.1	52.7	66.8	77.4
25°	0.0	1.7	2.3	4.5	10.6	20.9	32.5	44.7	58.0	73.5	86.1
22.5°	0.0	1.8	2.4	4.6	10.9	22.2	35.0	48.1	63.3	80.6	93.5
20°	0.0	1.8	2.4	4.7	11.2	22.7	37.4	51.5	68.6	88.0	100.8
17.5°	0.0	1.8	2.5	4.8	11.3	23.0	38.6	54.8	73.9	95.7	107.9
15°	0.0	1.8	2.5	4.8	11.4	23.1	39.1	57.2	79.0	103.4	115.0
12.5°	0.0	1.9	2.6	4.8	11.4	23.1	39.4	58.4	82.2	111.1	121.8
10°	0.0	1.9	2.6	4.9	11.3	22.9	39.5	59.5	83.9	114.0	126.7
7.5°	0.0	1.9	2.7	4.8	11.2	22.6	39.4	60.4	85.1	115.8	127.6
5°	0.0	1.9	2.7	4.8	11.0	22.1	39.1	61.1	86.0	117.0	128.3
2.5°	0.0	1.9	2.8	4.8	10.7	21.6	38.7	61.5	86.4	117.7	128.9
0°	0.0	1.9	2.8	4.7	10.4	20.9	38.0	61.7	86.4	117.8	129.2
-2.5°	0.0	1.9	2.8	4.8	10.7	21.6	38.7	61.5	86.4	117.7	128.9
-5°	0.0	1.9	2.7	4.8	11.0	22.1	39.1	61.1	86.0	117.0	128.3
-7.5°	0.0	1.9	2.7	4.8	11.2	22.6	39.4	60.4	85.1	115.8	127.6
-10°	0.0	1.9	2.6	4.9	11.3	22.9	39.5	59.5	83.9	114.0	126.7
-12.5°	0.0	1.9	2.6	4.8	11.4	23.1	39.4	58.4	82.2	111.1	121.8
-15°	0.0	1.8	2.5	4.8	11.4	23.1	39.1	57.2	79.0	103.4	115.0
-17.5°	0.0	1.8	2.5	4.8	11.3	23.0	38.6	54.8	73.9	95.7	107.9
-20°	0.0	1.8	2.4	4.7	11.2	22.7	37.4	51.5	68.6	88.0	100.8



REPORT NUMBER: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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	1.8	2.4	4.6	10.9	22.2	35.0	48.1	63.3	80.6	93.5
-25°	0.0	1.7	2.3	4.5	10.6	20.9	32.5	44.7	58.0	73.5	86.1
-27.5°	0.0	1.7	2.3	4.3	10.2	19.3	29.9	41.1	52.7	66.8	77.4
-30°	0.0	1.6	2.2	4.1	9.6	17.6	27.4	37.5	48.0	60.3	69.2
-32.5°	0.0	1.6	2.2	3.9	8.7	15.9	24.8	34.2	43.6	53.9	61.9
-35°	0.0	1.6	2.1	3.6	7.8	14.2	22.5	31.0	39.3	47.8	55.4
-37.5°	0.0	1.5	2.1	3.3	6.9	12.6	20.2	27.8	35.0	42.0	50.2
-40°	0.0	1.5	2.1	3.0	6.0	11.4	18.0	24.7	30.7	36.9	44.8
-42.5°	0.0	1.4	2.0	2.7	5.3	10.2	15.9	21.6	27.0	32.8	39.6
-45°	0.0	1.3	2.0	2.3	4.8	9.0	13.7	18.8	23.6	29.0	34.7
-47.5°	0.0	1.3	2.0	2.0	4.4	7.8	11.6	16.4	20.4	25.2	30.6
-50°	0.0	1.2	2.0	1.9	3.9	6.6	10.1	14.0	17.6	22.2	26.6
-52.5°	0.0	1.2	1.9	1.9	3.4	5.4	8.7	11.7	15.3	19.2	22.8
-55°	0.0	1.1	1.9	1.9	2.9	4.7	7.4	9.6	13.0	16.3	19.6
-57.5°	0.0	1.0	1.9	1.9	2.4	4.1	6.0	8.2	10.8	13.8	16.5
-60°	0.0	0.9	1.9	1.9	1.9	3.5	4.8	6.9	8.7	11.4	13.7
-62.5°	0.0	0.9	1.8	1.9	1.9	2.8	4.1	5.6	7.3	9.0	11.2
-65°	0.0	0.8	1.6	1.9	1.9	2.2	3.4	4.4	5.9	7.3	8.7
-67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.7	3.6	4.4	5.7	6.8
-70°	0.0	0.6	1.3	1.9	1.9	1.9	2.0	2.9	3.6	4.2	5.2
-72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	2.1	2.8	3.3	3.7
-75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	2.0	2.5	2.9
-77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	2.1
-80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2D-930-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°	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	1.5	1.4	1.2	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
82.5°	1.8	1.7	1.6	1.6	1.7	1.8	1.9	2.1	2.3	2.5	2.6
80°	1.9	1.9	2.2	2.4	2.7	3.0	3.2	3.5	3.7	4.0	4.5
77.5°	2.5	2.8	3.2	3.5	3.9	4.7	5.3	5.8	6.5	7.2	8.0
75°	3.3	3.8	4.7	5.7	6.7	7.4	8.1	9.1	10.4	11.8	13.1
72.5°	4.6	5.7	6.9	8.3	9.9	11.2	12.5	13.7	15.8	18.0	19.7
70°	6.3	7.7	9.6	11.8	13.8	15.6	18.2	21.3	24.4	26.0	26.9
67.5°	8.1	10.4	12.8	15.3	18.2	21.1	24.7	28.1	31.2	32.5	33.7
65°	10.5	13.1	16.0	19.2	22.5	26.0	29.7	33.4	36.7	38.5	40.4
62.5°	12.9	16.0	19.4	23.0	26.6	30.5	34.9	38.7	41.5	44.9	48.9
60°	15.9	18.9	22.8	26.8	31.0	36.3	40.8	45.0	48.8	52.7	58.7
57.5°	19.0	22.0	26.3	30.9	36.7	42.8	47.9	52.3	57.7	63.2	69.3
55°	22.4	25.1	29.9	35.7	42.3	49.5	55.5	61.7	67.8	72.8	78.2
52.5°	26.3	28.7	33.8	40.5	48.1	56.2	64.2	70.6	76.3	81.8	87.9
50°	30.4	33.5	37.6	45.6	54.1	63.3	72.3	78.8	85.2	91.6	98.5
47.5°	35.1	38.6	42.1	50.6	60.3	69.8	79.1	87.3	94.5	103.0	110.9
45°	40.3	44.3	48.1	56.1	66.0	75.6	85.9	95.8	105.9	116.0	128.7
42.5°	45.7	50.2	54.9	61.1	71.0	81.7	92.7	106.0	118.8	132.8	149.3
40°	51.1	56.0	61.6	67.2	76.0	87.9	101.3	116.2	134.3	152.5	172.3
37.5°	56.2	61.9	68.0	73.8	81.5	94.9	109.8	128.8	150.5	173.5	198.8
35°	61.3	67.6	73.8	80.6	89.3	102.3	120.7	142.3	168.3	197.3	220.5
32.5°	66.3	73.0	79.3	87.6	98.3	111.6	131.2	158.3	188.4	217.8	233.3
30°	72.5	77.9	84.9	94.2	107.1	124.0	145.3	174.5	208.7	228.8	243.2
27.5°	80.9	82.8	90.6	101.5	116.1	136.3	162.7	193.0	221.3	238.9	251.8
25°	89.1	91.1	96.0	108.9	126.9	150.7	180.3	215.0	231.7	246.6	261.6
22.5°	96.9	99.1	105.2	115.9	137.4	165.4	199.8	230.2	246.1	255.6	271.8
20°	104.3	107.6	115.2	127.5	148.1	179.3	218.8	244.2	259.4	270.8	285.8
17.5°	111.4	115.9	125.2	140.2	163.2	194.9	236.0	258.3	273.1	284.1	302.6
15°	118.3	124.0	134.9	152.1	177.3	211.6	247.5	269.8	285.7	296.6	318.2
12.5°	124.9	131.9	144.2	163.2	190.0	226.2	257.2	277.2	293.1	309.7	332.0
10°	131.4	139.6	153.0	173.4	201.3	238.8	265.3	283.2	299.0	320.1	343.4
7.5°	132.3	143.4	160.2	182.8	211.4	249.5	272.0	287.8	305.1	329.7	353.7
5°	132.3	143.1	160.7	185.3	216.2	255.7	276.7	291.4	310.8	338.3	363.0
2.5°	132.2	142.5	160.8	186.1	217.4	256.4	277.4	292.3	314.2	346.7	371.4
0°	132.0	141.5	160.5	186.2	217.5	255.5	277.4	292.6	316.3	354.3	379.0
-2.5°	132.2	142.5	160.8	186.1	217.4	256.4	277.4	292.3	314.2	346.7	371.4
-5°	132.3	143.1	160.7	185.3	216.2	255.7	276.7	291.4	310.8	338.3	363.0
-7.5°	132.3	143.4	160.2	182.8	211.4	249.5	272.0	287.8	305.1	329.7	353.7
-10°	131.4	139.6	153.0	173.4	201.3	238.8	265.3	283.2	299.0	320.1	343.4
-12.5°	124.9	131.9	144.2	163.2	190.0	226.2	257.2	277.2	293.1	309.7	332.0
-15°	118.3	124.0	134.9	152.1	177.3	211.6	247.5	269.8	285.7	296.6	318.2
-17.5°	111.4	115.9	125.2	140.2	163.2	194.9	236.0	258.3	273.1	284.1	302.6
-20°	104.3	107.6	115.2	127.5	148.1	179.3	218.8	244.2	259.4	270.8	285.8



REPORT NUMBER: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	96.9	99.1	105.2	115.9	137.4	165.4	199.8	230.2	246.1	255.6	271.8
-25°	89.1	91.1	96.0	108.9	126.9	150.7	180.3	215.0	231.7	246.6	261.6
-27.5°	80.9	82.8	90.6	101.5	116.1	136.3	162.7	193.0	221.3	238.9	251.8
-30°	72.5	77.9	84.9	94.2	107.1	124.0	145.3	174.5	208.7	228.8	243.2
-32.5°	66.3	73.0	79.3	87.6	98.3	111.6	131.2	158.3	188.4	217.8	233.3
-35°	61.3	67.6	73.8	80.6	89.3	102.3	120.7	142.3	168.3	197.3	220.5
-37.5°	56.2	61.9	68.0	73.8	81.5	94.9	109.8	128.8	150.5	173.5	198.8
-40°	51.1	56.0	61.6	67.2	76.0	87.9	101.3	116.2	134.3	152.5	172.3
-42.5°	45.7	50.2	54.9	61.1	71.0	81.7	92.7	106.0	118.8	132.8	149.3
-45°	40.3	44.3	48.1	56.1	66.0	75.6	85.9	95.8	105.9	116.0	128.7
-47.5°	35.1	38.6	42.1	50.6	60.3	69.8	79.1	87.3	94.5	103.0	110.9
-50°	30.4	33.5	37.6	45.6	54.1	63.3	72.3	78.8	85.2	91.6	98.5
-52.5°	26.3	28.7	33.8	40.5	48.1	56.2	64.2	70.6	76.3	81.8	87.9
-55°	22.4	25.1	29.9	35.7	42.3	49.5	55.5	61.7	67.8	72.8	78.2
-57.5°	19.0	22.0	26.3	30.9	36.7	42.8	47.9	52.3	57.7	63.2	69.3
-60°	15.9	18.9	22.8	26.8	31.0	36.3	40.8	45.0	48.8	52.7	58.7
-62.5°	12.9	16.0	19.4	23.0	26.6	30.5	34.9	38.7	41.5	44.9	48.9
-65°	10.5	13.1	16.0	19.2	22.5	26.0	29.7	33.4	36.7	38.5	40.4
-67.5°	8.1	10.4	12.8	15.3	18.2	21.1	24.7	28.1	31.2	32.5	33.7
-70°	6.3	7.7	9.6	11.8	13.8	15.6	18.2	21.3	24.4	26.0	26.9
-72.5°	4.6	5.7	6.9	8.3	9.9	11.2	12.5	13.7	15.8	18.0	19.7
-75°	3.3	3.8	4.7	5.7	6.7	7.4	8.1	9.1	10.4	11.8	13.1
-77.5°	2.5	2.8	3.2	3.5	3.9	4.7	5.3	5.8	6.5	7.2	8.0
-80°	1.9	1.9	2.2	2.4	2.7	3.0	3.2	3.5	3.7	4.0	4.5
-82.5°	1.8	1.7	1.6	1.6	1.7	1.8	1.9	2.1	2.3	2.5	2.6
-85°	1.5	1.4	1.2	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
-87.5°	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
-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: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
85°	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
82.5°	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7
80°	5.1	5.5	5.8	6.0	6.2	6.9	7.7	8.5	9.4	9.8	10.0
77.5°	9.0	9.7	10.1	10.4	10.7	12.1	14.0	16.0	18.1	19.1	20.0
75°	14.4	15.2	15.7	16.1	16.3	18.6	21.9	25.5	29.1	31.0	32.4
72.5°	20.9	21.5	22.0	22.4	22.7	26.1	32.2	38.8	45.8	50.1	53.2
70°	27.8	28.5	29.1	29.6	30.0	34.0	42.9	52.1	61.6	71.2	81.3
67.5°	35.1	36.7	37.5	38.0	38.5	41.9	51.3	60.0	68.0	85.3	112.5
65°	43.1	46.8	48.3	49.2	49.5	51.1	59.1	66.4	72.9	86.4	107.1
62.5°	53.3	58.1	60.4	61.4	62.0	62.1	68.6	74.7	80.3	88.7	101.9
60°	64.3	69.6	72.3	73.0	73.5	73.7	78.9	85.0	90.6	97.4	109.7
57.5°	74.4	79.3	83.3	85.0	86.2	87.1	91.8	98.8	105.4	112.3	125.5
55°	84.0	90.0	95.6	98.7	101.6	104.2	108.7	117.7	126.2	134.2	147.9
52.5°	94.5	102.1	109.6	115.2	120.8	125.6	130.5	142.1	153.4	164.1	177.4
50°	107.0	116.4	127.3	136.6	144.5	152.3	159.3	173.0	188.3	202.9	216.9
47.5°	122.9	135.3	149.3	162.4	173.2	185.2	196.2	210.2	223.8	237.4	249.0
45°	142.4	159.5	175.6	193.1	208.4	216.4	222.8	231.5	245.5	258.8	269.6
42.5°	167.3	187.3	207.1	220.1	229.9	236.4	241.0	245.6	260.3	273.1	283.6
40°	195.1	215.1	227.3	237.9	244.8	250.6	257.8	264.9	276.4	289.6	301.2
37.5°	219.1	231.9	242.7	251.1	259.3	267.0	277.4	287.7	298.6	313.4	324.2
35°	233.9	245.2	256.1	266.6	277.2	288.9	302.0	317.1	330.5	318.3	300.7
32.5°	245.2	256.8	270.0	286.1	300.7	316.8	333.1	306.9	280.0	269.5	271.6
30°	255.0	268.5	286.7	307.8	327.9	320.7	284.8	272.3	276.0	283.4	297.6
27.5°	265.6	282.3	304.4	330.3	314.4	274.7	276.8	284.1	308.7	329.6	361.2
25°	278.0	298.2	325.7	313.7	277.3	281.1	299.5	327.2	374.1	417.8	456.0
22.5°	293.0	318.8	322.4	277.4	282.3	306.4	343.7	403.8	460.8	513.6	553.0
20°	308.3	338.0	292.3	282.8	303.9	346.9	416.2	485.3	548.9	596.1	635.6
17.5°	326.5	316.0	283.7	293.9	336.6	410.8	488.9	562.1	622.0	703.7	773.2
15°	342.5	294.9	289.0	322.4	386.7	470.2	555.0	620.8	729.0	846.1	964.4
12.5°	333.4	287.4	298.2	347.7	432.3	522.6	597.6	701.6	844.9	1015.8	1272.7
10°	319.8	291.7	318.0	382.8	471.4	559.3	637.2	773.6	962.7	1276.6	1681.1
7.5°	309.3	293.5	331.1	409.8	500.4	581.5	685.3	850.8	1114.3	1545.0	2406.2
5°	301.3	293.4	337.1	425.4	517.6	596.8	715.0	906.8	1262.8	1876.5	3348.1
2.5°	297.8	291.9	338.8	433.8	526.0	605.3	733.4	947.1	1356.6	2184.5	4402.5
0°	300.2	288.8	338.1	436.9	531.0	604.1	736.1	959.3	1384.9	2298.2	4544.1
-2.5°	297.8	291.9	338.8	433.8	526.0	605.3	733.4	947.1	1356.6	2184.5	4402.5
-5°	301.3	293.4	337.1	425.4	517.6	596.8	715.0	906.8	1262.8	1876.5	3348.1
-7.5°	309.3	293.5	331.1	409.8	500.4	581.5	685.3	850.8	1114.3	1545.0	2406.2
-10°	319.8	291.7	318.0	382.8	471.4	559.3	637.2	773.6	962.7	1276.6	1681.1
-12.5°	333.4	287.4	298.2	347.7	432.3	522.6	597.6	701.6	844.9	1015.8	1272.7
-15°	342.5	294.9	289.0	322.4	386.7	470.2	555.0	620.8	729.0	846.1	964.4
-17.5°	326.5	316.0	283.7	293.9	336.6	410.8	488.9	562.1	622.0	703.7	773.2
-20°	308.3	338.0	292.3	282.8	303.9	346.9	416.2	485.3	548.9	596.1	635.6



REPORT NUMBER: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	293.0	318.8	322.4	277.4	282.3	306.4	343.7	403.8	460.8	513.6	553.0
-25°	278.0	298.2	325.7	313.7	277.3	281.1	299.5	327.2	374.1	417.8	456.0
-27.5°	265.6	282.3	304.4	330.3	314.4	274.7	276.8	284.1	308.7	329.6	361.2
-30°	255.0	268.5	286.7	307.8	327.9	320.7	284.8	272.3	276.0	283.4	297.6
-32.5°	245.2	256.8	270.0	286.1	300.7	316.8	333.1	306.9	280.0	269.5	271.6
-35°	233.9	245.2	256.1	266.6	277.2	288.9	302.0	317.1	330.5	318.3	300.7
-37.5°	219.1	231.9	242.7	251.1	259.3	267.0	277.4	287.7	298.6	313.4	324.2
-40°	195.1	215.1	227.3	237.9	244.8	250.6	257.8	264.9	276.4	289.6	301.2
-42.5°	167.3	187.3	207.1	220.1	229.9	236.4	241.0	245.6	260.3	273.1	283.6
-45°	142.4	159.5	175.6	193.1	208.4	216.4	222.8	231.5	245.5	258.8	269.6
-47.5°	122.9	135.3	149.3	162.4	173.2	185.2	196.2	210.2	223.8	237.4	249.0
-50°	107.0	116.4	127.3	136.6	144.5	152.3	159.3	173.0	188.3	202.9	216.9
-52.5°	94.5	102.1	109.6	115.2	120.8	125.6	130.5	142.1	153.4	164.1	177.4
-55°	84.0	90.0	95.6	98.7	101.6	104.2	108.7	117.7	126.2	134.2	147.9
-57.5°	74.4	79.3	83.3	85.0	86.2	87.1	91.8	98.8	105.4	112.3	125.5
-60°	64.3	69.6	72.3	73.0	73.5	73.7	78.9	85.0	90.6	97.4	109.7
-62.5°	53.3	58.1	60.4	61.4	62.0	62.1	68.6	74.7	80.3	88.7	101.9
-65°	43.1	46.8	48.3	49.2	49.5	51.1	59.1	66.4	72.9	86.4	107.1
-67.5°	35.1	36.7	37.5	38.0	38.5	41.9	51.3	60.0	68.0	85.3	112.5
-70°	27.8	28.5	29.1	29.6	30.0	34.0	42.9	52.1	61.6	71.2	81.3
-72.5°	20.9	21.5	22.0	22.4	22.7	26.1	32.2	38.8	45.8	50.1	53.2
-75°	14.4	15.2	15.7	16.1	16.3	18.6	21.9	25.5	29.1	31.0	32.4
-77.5°	9.0	9.7	10.1	10.4	10.7	12.1	14.0	16.0	18.1	19.1	20.0
-80°	5.1	5.5	5.8	6.0	6.2	6.9	7.7	8.5	9.4	9.8	10.0
-82.5°	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7
-85°	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
-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: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
82.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5
80°	10.2	10.3	9.9	9.5	9.9	10.3	10.2	10.0	9.8	9.4	8.5
77.5°	20.8	21.6	20.8	19.9	20.8	21.6	20.8	20.0	19.1	18.1	16.0
75°	33.6	34.7	34.1	33.2	34.1	34.7	33.6	32.4	31.0	29.1	25.5
72.5°	56.2	58.9	58.3	57.0	58.3	58.9	56.2	53.2	50.1	45.8	38.8
70°	92.0	102.8	102.4	99.7	102.4	102.8	92.0	81.3	71.2	61.6	52.1
67.5°	141.9	172.5	182.3	187.1	182.3	172.5	141.9	112.5	85.3	68.0	60.0
65°	126.4	144.9	152.2	157.7	152.2	144.9	126.4	107.1	86.4	72.9	66.4
62.5°	113.7	124.6	127.0	127.3	127.0	124.6	113.7	101.9	88.7	80.3	74.7
60°	121.7	133.3	135.1	133.0	135.1	133.3	121.7	109.7	97.4	90.6	85.0
57.5°	138.2	150.4	152.6	150.1	152.6	150.4	138.2	125.5	112.3	105.4	98.8
55°	161.1	173.4	177.5	176.7	177.5	173.4	161.1	147.9	134.2	126.2	117.7
52.5°	190.2	201.6	206.2	206.1	206.2	201.6	190.2	177.4	164.1	153.4	142.1
50°	229.2	239.3	244.4	245.1	244.4	239.3	229.2	216.9	202.9	188.3	173.0
47.5°	257.3	264.0	267.4	267.9	267.4	264.0	257.3	249.0	237.4	223.8	210.2
45°	274.5	278.0	280.8	283.1	280.8	278.0	274.5	269.6	258.8	245.5	231.5
42.5°	290.6	298.1	303.7	304.9	303.7	298.1	290.6	283.6	273.1	260.3	245.6
40°	312.3	322.6	332.5	342.9	332.5	322.6	312.3	301.2	289.6	276.4	264.9
37.5°	335.5	347.0	356.5	361.9	356.5	347.0	335.5	324.2	313.4	298.6	287.7
35°	288.3	280.8	276.3	274.5	276.3	280.8	288.3	300.7	318.3	330.5	317.1
32.5°	272.9	273.4	272.5	270.7	272.5	273.4	272.9	271.6	269.5	280.0	306.9
30°	308.1	313.1	313.7	313.4	313.7	313.1	308.1	297.6	283.4	276.0	272.3
27.5°	384.6	397.5	401.4	409.4	401.4	397.5	384.6	361.2	329.6	308.7	284.1
25°	485.6	505.0	514.2	517.7	514.2	505.0	485.6	456.0	417.8	374.1	327.2
22.5°	575.3	590.1	598.7	606.0	598.7	590.1	575.3	553.0	513.6	460.8	403.8
20°	681.6	708.6	720.9	721.9	720.9	708.6	681.6	635.6	596.1	548.9	485.3
17.5°	847.5	900.1	926.3	933.7	926.3	900.1	847.5	773.2	703.7	622.0	562.1
15°	1109.3	1243.4	1312.4	1345.0	1312.4	1243.4	1109.3	964.4	846.1	729.0	620.8
12.5°	1536.4	1838.7	2083.1	2175.2	2083.1	1838.7	1536.4	1272.7	1015.8	844.9	701.6
10°	2382.7	3285.4	4339.9	4831.9	4339.9	3285.4	2382.7	1681.1	1276.6	962.7	773.6
7.5°	4609.6	10702.5	20743.2	25532.9	20743.2	10702.5	4609.6	2406.2	1545.0	1114.3	850.8
5°	9825.4	42403.1	75938.6	89196.3	75938.6	42403.1	9825.4	3348.1	1876.5	1262.8	906.8
2.5°	15649.7	69546.6	131223.1	153438.3	131223.1	69546.6	15649.7	4402.5	2184.5	1356.6	947.1
0°	18698.2	73289.2	144801.8	166967.9	144801.8	73289.2	18698.2	4544.1	2298.2	1384.9	959.3
-2.5°	15649.7	69546.6	131223.1	153438.3	131223.1	69546.6	15649.7	4402.5	2184.5	1356.6	947.1
-5°	9825.4	42403.1	75938.6	89196.3	75938.6	42403.1	9825.4	3348.1	1876.5	1262.8	906.8
-7.5°	4609.6	10702.5	20743.2	25532.9	20743.2	10702.5	4609.6	2406.2	1545.0	1114.3	850.8
-10°	2382.7	3285.4	4339.9	4831.9	4339.9	3285.4	2382.7	1681.1	1276.6	962.7	773.6
-12.5°	1536.4	1838.7	2083.1	2175.2	2083.1	1838.7	1536.4	1272.7	1015.8	844.9	701.6
-15°	1109.3	1243.4	1312.4	1345.0	1312.4	1243.4	1109.3	964.4	846.1	729.0	620.8
-17.5°	847.5	900.1	926.3	933.7	926.3	900.1	847.5	773.2	703.7	622.0	562.1
-20°	681.6	708.6	720.9	721.9	720.9	708.6	681.6	635.6	596.1	548.9	485.3



REPORT NUMBER: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	575.3	590.1	598.7	606.0	598.7	590.1	575.3	553.0	513.6	460.8	403.8
-25°	485.6	505.0	514.2	517.7	514.2	505.0	485.6	456.0	417.8	374.1	327.2
-27.5°	384.6	397.5	401.4	409.4	401.4	397.5	384.6	361.2	329.6	308.7	284.1
-30°	308.1	313.1	313.7	313.4	313.7	313.1	308.1	297.6	283.4	276.0	272.3
-32.5°	272.9	273.4	272.5	270.7	272.5	273.4	272.9	271.6	269.5	280.0	306.9
-35°	288.3	280.8	276.3	274.5	276.3	280.8	288.3	300.7	318.3	330.5	317.1
-37.5°	335.5	347.0	356.5	361.9	356.5	347.0	335.5	324.2	313.4	298.6	287.7
-40°	312.3	322.6	332.5	342.9	332.5	322.6	312.3	301.2	289.6	276.4	264.9
-42.5°	290.6	298.1	303.7	304.9	303.7	298.1	290.6	283.6	273.1	260.3	245.6
-45°	274.5	278.0	280.8	283.1	280.8	278.0	274.5	269.6	258.8	245.5	231.5
-47.5°	257.3	264.0	267.4	267.9	267.4	264.0	257.3	249.0	237.4	223.8	210.2
-50°	229.2	239.3	244.4	245.1	244.4	239.3	229.2	216.9	202.9	188.3	173.0
-52.5°	190.2	201.6	206.2	206.1	206.2	201.6	190.2	177.4	164.1	153.4	142.1
-55°	161.1	173.4	177.5	176.7	177.5	173.4	161.1	147.9	134.2	126.2	117.7
-57.5°	138.2	150.4	152.6	150.1	152.6	150.4	138.2	125.5	112.3	105.4	98.8
-60°	121.7	133.3	135.1	133.0	135.1	133.3	121.7	109.7	97.4	90.6	85.0
-62.5°	113.7	124.6	127.0	127.3	127.0	124.6	113.7	101.9	88.7	80.3	74.7
-65°	126.4	144.9	152.2	157.7	152.2	144.9	126.4	107.1	86.4	72.9	66.4
-67.5°	141.9	172.5	182.3	187.1	182.3	172.5	141.9	112.5	85.3	68.0	60.0
-70°	92.0	102.8	102.4	99.7	102.4	102.8	92.0	81.3	71.2	61.6	52.1
-72.5°	56.2	58.9	58.3	57.0	58.3	58.9	56.2	53.2	50.1	45.8	38.8
-75°	33.6	34.7	34.1	33.2	34.1	34.7	33.6	32.4	31.0	29.1	25.5
-77.5°	20.8	21.6	20.8	19.9	20.8	21.6	20.8	20.0	19.1	18.1	16.0
-80°	10.2	10.3	9.9	9.5	9.9	10.3	10.2	10.0	9.8	9.4	8.5
-82.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5
-85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3
82.5°	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.6	2.5	2.3	2.1
80°	7.7	6.9	6.2	6.0	5.8	5.5	5.1	4.5	4.0	3.7	3.5
77.5°	14.0	12.1	10.7	10.4	10.1	9.7	9.0	8.0	7.2	6.5	5.8
75°	21.9	18.6	16.3	16.1	15.7	15.2	14.4	13.1	11.8	10.4	9.1
72.5°	32.2	26.1	22.7	22.4	22.0	21.5	20.9	19.7	18.0	15.8	13.7
70°	42.9	34.0	30.0	29.6	29.1	28.5	27.8	26.9	26.0	24.4	21.3
67.5°	51.3	41.9	38.5	38.0	37.5	36.7	35.1	33.7	32.5	31.2	28.1
65°	59.1	51.1	49.5	49.2	48.3	46.8	43.1	40.4	38.5	36.7	33.4
62.5°	68.6	62.1	62.0	61.4	60.4	58.1	53.3	48.9	44.9	41.5	38.7
60°	78.9	73.7	73.5	73.0	72.3	69.6	64.3	58.7	52.7	48.8	45.0
57.5°	91.8	87.1	86.2	85.0	83.3	79.3	74.4	69.3	63.2	57.7	52.3
55°	108.7	104.2	101.6	98.7	95.6	90.0	84.0	78.2	72.8	67.8	61.7
52.5°	130.5	125.6	120.8	115.2	109.6	102.1	94.5	87.9	81.8	76.3	70.6
50°	159.3	152.3	144.5	136.6	127.3	116.4	107.0	98.5	91.6	85.2	78.8
47.5°	196.2	185.2	173.2	162.4	149.3	135.3	122.9	110.9	103.0	94.5	87.3
45°	222.8	216.4	208.4	193.1	175.6	159.5	142.4	128.7	116.0	105.9	95.8
42.5°	241.0	236.4	229.9	220.1	207.1	187.3	167.3	149.3	132.8	118.8	106.0
40°	257.8	250.6	244.8	237.9	227.3	215.1	195.1	172.3	152.5	134.3	116.2
37.5°	277.4	267.0	259.3	251.1	242.7	231.9	219.1	198.8	173.5	150.5	128.8
35°	302.0	288.9	277.2	266.6	256.1	245.2	233.9	220.5	197.3	168.3	142.3
32.5°	333.1	316.8	300.7	286.1	270.0	256.8	245.2	233.3	217.8	188.4	158.3
30°	284.8	320.7	327.9	307.8	286.7	268.5	255.0	243.2	228.8	208.7	174.5
27.5°	276.8	274.7	314.4	330.3	304.4	282.3	265.6	251.8	238.9	221.3	193.0
25°	299.5	281.1	277.3	313.7	325.7	298.2	278.0	261.6	246.6	231.7	215.0
22.5°	343.7	306.4	282.3	277.4	322.4	318.8	293.0	271.8	255.6	246.1	230.2
20°	416.2	346.9	303.9	282.8	292.3	338.0	308.3	285.8	270.8	259.4	244.2
17.5°	488.9	410.8	336.6	293.9	283.7	316.0	326.5	302.6	284.1	273.1	258.3
15°	555.0	470.2	386.7	322.4	289.0	294.9	342.5	318.2	296.6	285.7	269.8
12.5°	597.6	522.6	432.3	347.7	298.2	287.4	333.4	332.0	309.7	293.1	277.2
10°	637.2	559.3	471.4	382.8	318.0	291.7	319.8	343.4	320.1	299.0	283.2
7.5°	685.3	581.5	500.4	409.8	331.1	293.5	309.3	353.7	329.7	305.1	287.8
5°	715.0	596.8	517.6	425.4	337.1	293.4	301.3	363.0	338.3	310.8	291.4
2.5°	733.4	605.3	526.0	433.8	338.8	291.9	297.8	371.4	346.7	314.2	292.3
0°	736.1	604.1	531.0	436.9	338.1	288.8	300.2	379.0	354.3	316.3	292.6
-2.5°	733.4	605.3	526.0	433.8	338.8	291.9	297.8	371.4	346.7	314.2	292.3
-5°	715.0	596.8	517.6	425.4	337.1	293.4	301.3	363.0	338.3	310.8	291.4
-7.5°	685.3	581.5	500.4	409.8	331.1	293.5	309.3	353.7	329.7	305.1	287.8
-10°	637.2	559.3	471.4	382.8	318.0	291.7	319.8	343.4	320.1	299.0	283.2
-12.5°	597.6	522.6	432.3	347.7	298.2	287.4	333.4	332.0	309.7	293.1	277.2
-15°	555.0	470.2	386.7	322.4	289.0	294.9	342.5	318.2	296.6	285.7	269.8
-17.5°	488.9	410.8	336.6	293.9	283.7	316.0	326.5	302.6	284.1	273.1	258.3
-20°	416.2	346.9	303.9	282.8	292.3	338.0	308.3	285.8	270.8	259.4	244.2



REPORT NUMBER: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	343.7	306.4	282.3	277.4	322.4	318.8	293.0	271.8	255.6	246.1	230.2
-25°	299.5	281.1	277.3	313.7	325.7	298.2	278.0	261.6	246.6	231.7	215.0
-27.5°	276.8	274.7	314.4	330.3	304.4	282.3	265.6	251.8	238.9	221.3	193.0
-30°	284.8	320.7	327.9	307.8	286.7	268.5	255.0	243.2	228.8	208.7	174.5
-32.5°	333.1	316.8	300.7	286.1	270.0	256.8	245.2	233.3	217.8	188.4	158.3
-35°	302.0	288.9	277.2	266.6	256.1	245.2	233.9	220.5	197.3	168.3	142.3
-37.5°	277.4	267.0	259.3	251.1	242.7	231.9	219.1	198.8	173.5	150.5	128.8
-40°	257.8	250.6	244.8	237.9	227.3	215.1	195.1	172.3	152.5	134.3	116.2
-42.5°	241.0	236.4	229.9	220.1	207.1	187.3	167.3	149.3	132.8	118.8	106.0
-45°	222.8	216.4	208.4	193.1	175.6	159.5	142.4	128.7	116.0	105.9	95.8
-47.5°	196.2	185.2	173.2	162.4	149.3	135.3	122.9	110.9	103.0	94.5	87.3
-50°	159.3	152.3	144.5	136.6	127.3	116.4	107.0	98.5	91.6	85.2	78.8
-52.5°	130.5	125.6	120.8	115.2	109.6	102.1	94.5	87.9	81.8	76.3	70.6
-55°	108.7	104.2	101.6	98.7	95.6	90.0	84.0	78.2	72.8	67.8	61.7
-57.5°	91.8	87.1	86.2	85.0	83.3	79.3	74.4	69.3	63.2	57.7	52.3
-60°	78.9	73.7	73.5	73.0	72.3	69.6	64.3	58.7	52.7	48.8	45.0
-62.5°	68.6	62.1	62.0	61.4	60.4	58.1	53.3	48.9	44.9	41.5	38.7
-65°	59.1	51.1	49.5	49.2	48.3	46.8	43.1	40.4	38.5	36.7	33.4
-67.5°	51.3	41.9	38.5	38.0	37.5	36.7	35.1	33.7	32.5	31.2	28.1
-70°	42.9	34.0	30.0	29.6	29.1	28.5	27.8	26.9	26.0	24.4	21.3
-72.5°	32.2	26.1	22.7	22.4	22.0	21.5	20.9	19.7	18.0	15.8	13.7
-75°	21.9	18.6	16.3	16.1	15.7	15.2	14.4	13.1	11.8	10.4	9.1
-77.5°	14.0	12.1	10.7	10.4	10.1	9.7	9.0	8.0	7.2	6.5	5.8
-80°	7.7	6.9	6.2	6.0	5.8	5.5	5.1	4.5	4.0	3.7	3.5
-82.5°	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.6	2.5	2.3	2.1
-85°	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
-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: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	0.6	0.6	0.5	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.6
85°	1.3	1.2	1.1	1.1	1.2	1.4	1.5	1.6	1.5	1.3	1.1
82.5°	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.7
80°	3.2	3.0	2.7	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	5.3	4.7	3.9	3.5	3.2	2.8	2.5	2.1	1.9	1.9	1.9
75°	8.1	7.4	6.7	5.7	4.7	3.8	3.3	2.9	2.5	2.0	1.9
72.5°	12.5	11.2	9.9	8.3	6.9	5.7	4.6	3.7	3.3	2.8	2.1
70°	18.2	15.6	13.8	11.8	9.6	7.7	6.3	5.2	4.2	3.6	2.9
67.5°	24.7	21.1	18.2	15.3	12.8	10.4	8.1	6.8	5.7	4.4	3.6
65°	29.7	26.0	22.5	19.2	16.0	13.1	10.5	8.7	7.3	5.9	4.4
62.5°	34.9	30.5	26.6	23.0	19.4	16.0	12.9	11.2	9.0	7.3	5.6
60°	40.8	36.3	31.0	26.8	22.8	18.9	15.9	13.7	11.4	8.7	6.9
57.5°	47.9	42.8	36.7	30.9	26.3	22.0	19.0	16.5	13.8	10.8	8.2
55°	55.5	49.5	42.3	35.7	29.9	25.1	22.4	19.6	16.3	13.0	9.6
52.5°	64.2	56.2	48.1	40.5	33.8	28.7	26.3	22.8	19.2	15.3	11.7
50°	72.3	63.3	54.1	45.6	37.6	33.5	30.4	26.6	22.2	17.6	14.0
47.5°	79.1	69.8	60.3	50.6	42.1	38.6	35.1	30.6	25.2	20.4	16.4
45°	85.9	75.6	66.0	56.1	48.1	44.3	40.3	34.7	29.0	23.6	18.8
42.5°	92.7	81.7	71.0	61.1	54.9	50.2	45.7	39.6	32.8	27.0	21.6
40°	101.3	87.9	76.0	67.2	61.6	56.0	51.1	44.8	36.9	30.7	24.7
37.5°	109.8	94.9	81.5	73.8	68.0	61.9	56.2	50.2	42.0	35.0	27.8
35°	120.7	102.3	89.3	80.6	73.8	67.6	61.3	55.4	47.8	39.3	31.0
32.5°	131.2	111.6	98.3	87.6	79.3	73.0	66.3	61.9	53.9	43.6	34.2
30°	145.3	124.0	107.1	94.2	84.9	77.9	72.5	69.2	60.3	48.0	37.5
27.5°	162.7	136.3	116.1	101.5	90.6	82.8	80.9	77.4	66.8	52.7	41.1
25°	180.3	150.7	126.9	108.9	96.0	91.1	89.1	86.1	73.5	58.0	44.7
22.5°	199.8	165.4	137.4	115.9	105.2	99.1	96.9	93.5	80.6	63.3	48.1
20°	218.8	179.3	148.1	127.5	115.2	107.6	104.3	100.8	88.0	68.6	51.5
17.5°	236.0	194.9	163.2	140.2	125.2	115.9	111.4	107.9	95.7	73.9	54.8
15°	247.5	211.6	177.3	152.1	134.9	124.0	118.3	115.0	103.4	79.0	57.2
12.5°	257.2	226.2	190.0	163.2	144.2	131.9	124.9	121.8	111.1	82.2	58.4
10°	265.3	238.8	201.3	173.4	153.0	139.6	131.4	126.7	114.0	83.9	59.5
7.5°	272.0	249.5	211.4	182.8	160.2	143.4	132.3	127.6	115.8	85.1	60.4
5°	276.7	255.7	216.2	185.3	160.7	143.1	132.3	128.3	117.0	86.0	61.1
2.5°	277.4	256.4	217.4	186.1	160.8	142.5	132.2	128.9	117.7	86.4	61.5
0°	277.4	255.5	217.5	186.2	160.5	141.5	132.0	129.2	117.8	86.4	61.7
-2.5°	277.4	256.4	217.4	186.1	160.8	142.5	132.2	128.9	117.7	86.4	61.5
-5°	276.7	255.7	216.2	185.3	160.7	143.1	132.3	128.3	117.0	86.0	61.1
-7.5°	272.0	249.5	211.4	182.8	160.2	143.4	132.3	127.6	115.8	85.1	60.4
-10°	265.3	238.8	201.3	173.4	153.0	139.6	131.4	126.7	114.0	83.9	59.5
-12.5°	257.2	226.2	190.0	163.2	144.2	131.9	124.9	121.8	111.1	82.2	58.4
-15°	247.5	211.6	177.3	152.1	134.9	124.0	118.3	115.0	103.4	79.0	57.2
-17.5°	236.0	194.9	163.2	140.2	125.2	115.9	111.4	107.9	95.7	73.9	54.8
-20°	218.8	179.3	148.1	127.5	115.2	107.6	104.3	100.8	88.0	68.6	51.5



REPORT NUMBER: P558697 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	199.8	165.4	137.4	115.9	105.2	99.1	96.9	93.5	80.6	63.3	48.1
-25°	180.3	150.7	126.9	108.9	96.0	91.1	89.1	86.1	73.5	58.0	44.7
-27.5°	162.7	136.3	116.1	101.5	90.6	82.8	80.9	77.4	66.8	52.7	41.1
-30°	145.3	124.0	107.1	94.2	84.9	77.9	72.5	69.2	60.3	48.0	37.5
-32.5°	131.2	111.6	98.3	87.6	79.3	73.0	66.3	61.9	53.9	43.6	34.2
-35°	120.7	102.3	89.3	80.6	73.8	67.6	61.3	55.4	47.8	39.3	31.0
-37.5°	109.8	94.9	81.5	73.8	68.0	61.9	56.2	50.2	42.0	35.0	27.8
-40°	101.3	87.9	76.0	67.2	61.6	56.0	51.1	44.8	36.9	30.7	24.7
-42.5°	92.7	81.7	71.0	61.1	54.9	50.2	45.7	39.6	32.8	27.0	21.6
-45°	85.9	75.6	66.0	56.1	48.1	44.3	40.3	34.7	29.0	23.6	18.8
-47.5°	79.1	69.8	60.3	50.6	42.1	38.6	35.1	30.6	25.2	20.4	16.4
-50°	72.3	63.3	54.1	45.6	37.6	33.5	30.4	26.6	22.2	17.6	14.0
-52.5°	64.2	56.2	48.1	40.5	33.8	28.7	26.3	22.8	19.2	15.3	11.7
-55°	55.5	49.5	42.3	35.7	29.9	25.1	22.4	19.6	16.3	13.0	9.6
-57.5°	47.9	42.8	36.7	30.9	26.3	22.0	19.0	16.5	13.8	10.8	8.2
-60°	40.8	36.3	31.0	26.8	22.8	18.9	15.9	13.7	11.4	8.7	6.9
-62.5°	34.9	30.5	26.6	23.0	19.4	16.0	12.9	11.2	9.0	7.3	5.6
-65°	29.7	26.0	22.5	19.2	16.0	13.1	10.5	8.7	7.3	5.9	4.4
-67.5°	24.7	21.1	18.2	15.3	12.8	10.4	8.1	6.8	5.7	4.4	3.6
-70°	18.2	15.6	13.8	11.8	9.6	7.7	6.3	5.2	4.2	3.6	2.9
-72.5°	12.5	11.2	9.9	8.3	6.9	5.7	4.6	3.7	3.3	2.8	2.1
-75°	8.1	7.4	6.7	5.7	4.7	3.8	3.3	2.9	2.5	2.0	1.9
-77.5°	5.3	4.7	3.9	3.5	3.2	2.8	2.5	2.1	1.9	1.9	1.9
-80°	3.2	3.0	2.7	2.4	2.2	1.9	1.9	1.9	1.9	1.9	1.9
-82.5°	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.7
-85°	1.3	1.2	1.1	1.1	1.2	1.4	1.5	1.6	1.5	1.3	1.1
-87.5°	0.6	0.6	0.5	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.6
-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
70°	2.0	1.9	1.9	1.9	1.3	0.6	0.0
67.5°	2.7	1.9	1.9	1.9	1.5	0.7	0.0
65°	3.4	2.2	1.9	1.9	1.6	0.8	0.0
62.5°	4.1	2.8	1.9	1.9	1.8	0.9	0.0
60°	4.8	3.5	1.9	1.9	1.9	0.9	0.0
57.5°	6.0	4.1	2.4	1.9	1.9	1.0	0.0
55°	7.4	4.7	2.9	1.9	1.9	1.1	0.0
52.5°	8.7	5.4	3.4	1.9	1.9	1.2	0.0
50°	10.1	6.6	3.9	1.9	2.0	1.2	0.0
47.5°	11.6	7.8	4.4	2.0	2.0	1.3	0.0
45°	13.7	9.0	4.8	2.3	2.0	1.3	0.0
42.5°	15.9	10.2	5.3	2.7	2.0	1.4	0.0
40°	18.0	11.4	6.0	3.0	2.1	1.5	0.0
37.5°	20.2	12.6	6.9	3.3	2.1	1.5	0.0
35°	22.5	14.2	7.8	3.6	2.1	1.6	0.0
32.5°	24.8	15.9	8.7	3.9	2.2	1.6	0.0
30°	27.4	17.6	9.6	4.1	2.2	1.6	0.0
27.5°	29.9	19.3	10.2	4.3	2.3	1.7	0.0
25°	32.5	20.9	10.6	4.5	2.3	1.7	0.0
22.5°	35.0	22.2	10.9	4.6	2.4	1.8	0.0
20°	37.4	22.7	11.2	4.7	2.4	1.8	0.0
17.5°	38.6	23.0	11.3	4.8	2.5	1.8	0.0
15°	39.1	23.1	11.4	4.8	2.5	1.8	0.0
12.5°	39.4	23.1	11.4	4.8	2.6	1.9	0.0
10°	39.5	22.9	11.3	4.9	2.6	1.9	0.0
7.5°	39.4	22.6	11.2	4.8	2.7	1.9	0.0
5°	39.1	22.1	11.0	4.8	2.7	1.9	0.0
2.5°	38.7	21.6	10.7	4.8	2.8	1.9	0.0
0°	38.0	20.9	10.4	4.7	2.8	1.9	0.0
-2.5°	38.7	21.6	10.7	4.8	2.8	1.9	0.0
-5°	39.1	22.1	11.0	4.8	2.7	1.9	0.0
-7.5°	39.4	22.6	11.2	4.8	2.7	1.9	0.0
-10°	39.5	22.9	11.3	4.9	2.6	1.9	0.0
-12.5°	39.4	23.1	11.4	4.8	2.6	1.9	0.0
-15°	39.1	23.1	11.4	4.8	2.5	1.8	0.0
-17.5°	38.6	23.0	11.3	4.8	2.5	1.8	0.0
-20°	37.4	22.7	11.2	4.7	2.4	1.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.0	22.2	10.9	4.6	2.4	1.8	0.0
-25°	32.5	20.9	10.6	4.5	2.3	1.7	0.0
-27.5°	29.9	19.3	10.2	4.3	2.3	1.7	0.0
-30°	27.4	17.6	9.6	4.1	2.2	1.6	0.0
-32.5°	24.8	15.9	8.7	3.9	2.2	1.6	0.0
-35°	22.5	14.2	7.8	3.6	2.1	1.6	0.0
-37.5°	20.2	12.6	6.9	3.3	2.1	1.5	0.0
-40°	18.0	11.4	6.0	3.0	2.1	1.5	0.0
-42.5°	15.9	10.2	5.3	2.7	2.0	1.4	0.0
-45°	13.7	9.0	4.8	2.3	2.0	1.3	0.0
-47.5°	11.6	7.8	4.4	2.0	2.0	1.3	0.0
-50°	10.1	6.6	3.9	1.9	2.0	1.2	0.0
-52.5°	8.7	5.4	3.4	1.9	1.9	1.2	0.0
-55°	7.4	4.7	2.9	1.9	1.9	1.1	0.0
-57.5°	6.0	4.1	2.4	1.9	1.9	1.0	0.0
-60°	4.8	3.5	1.9	1.9	1.9	0.9	0.0
-62.5°	4.1	2.8	1.9	1.9	1.8	0.9	0.0
-65°	3.4	2.2	1.9	1.9	1.6	0.8	0.0
-67.5°	2.7	1.9	1.9	1.9	1.5	0.7	0.0
-70°	2.0	1.9	1.9	1.9	1.3	0.6	0.0
-72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
-75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
-77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
-80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)