

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: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558577 (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-SA1D-935-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

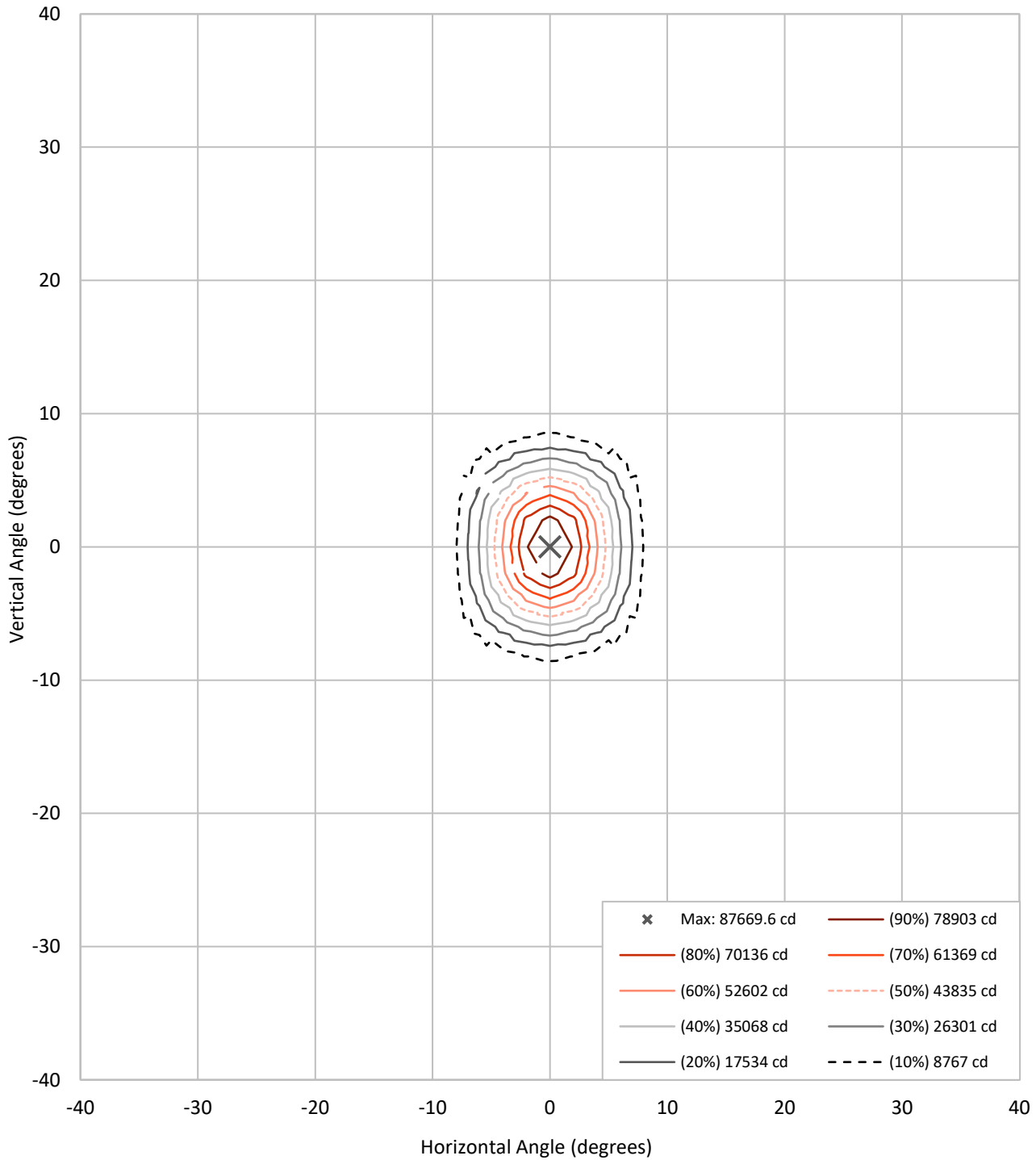
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3414.1 lumens	Max Intensity:	87669.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1463.3 lumens	Field Lumens:	2522 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 55
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: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





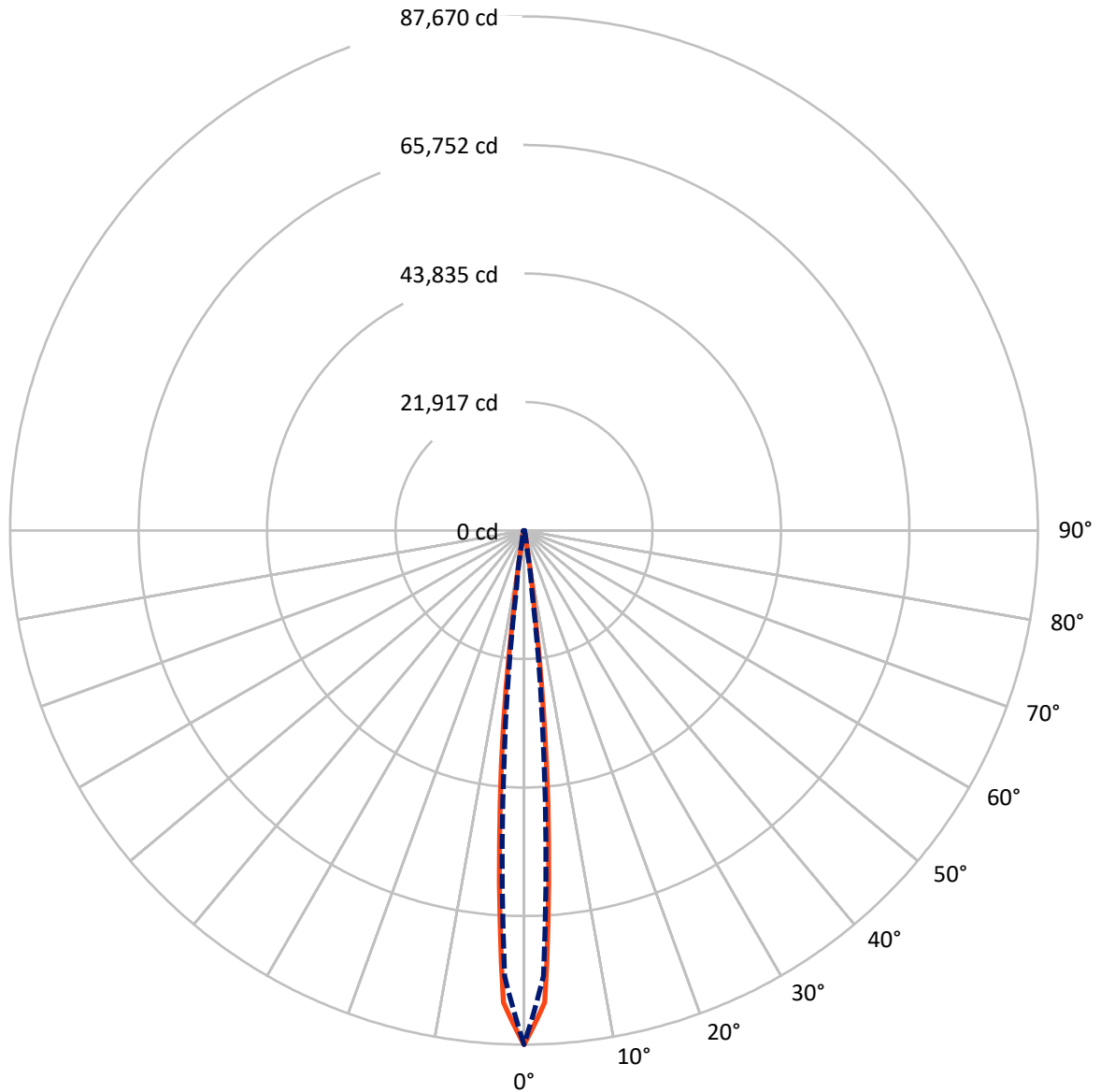
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Lumen Table

90	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
80	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.4	0.6	0.8	1.2	2.1	2.1	1.2	0.8	0.6	0.4	0.2	0.1	0.1			
60		0.1	0.3	0.7	1.1	1.5	2.0	2.8	2.8	2.0	1.5	1.1	0.7	0.3	0.1				
50	0.2	0.2	0.5	1.1	1.9	2.9	3.7	4.4	4.4	3.7	2.9	1.9	1.1	0.5	0.2	0.2			
40		0.4	0.8	1.7	3.0	4.0	4.6	4.8	4.8	4.6	4.0	3.0	1.7	0.8	0.4				
30	0.3	0.6	1.1	2.3	3.7	4.4	6.0	7.9	7.9	6.0	4.4	3.7	2.3	1.1	0.6	0.3			
20		0.7	1.5	3.0	4.1	5.8	11.7	23.4	23.4	11.7	5.8	4.1	3.0	1.5	0.7				
10	0.4	0.8	1.7	3.3	4.2	7.4	23.2	685.9	685.9	23.2	7.4	4.2	3.3	1.7	0.8	0.4			
0		0.8	1.7	3.3	4.2	7.4	23.2	685.9	685.9	23.2	7.4	4.2	3.3	1.7	0.8				
-10	0.3	0.7	1.5	3.0	4.1	5.8	11.7	23.4	23.4	11.7	5.8	4.1	3.0	1.5	0.7	0.3			
-20		0.6	1.1	2.3	3.7	4.4	6.0	7.9	7.9	6.0	4.4	3.7	2.3	1.1	0.6				
-30	0.2	0.4	0.8	1.7	3.0	4.0	4.6	4.8	4.8	4.6	4.0	3.0	1.7	0.8	0.4	0.2			
-40		0.2	0.5	1.1	1.9	2.9	3.7	4.4	4.4	3.7	2.9	1.9	1.1	0.5	0.2				
-50	0.1	0.1	0.3	0.7	1.1	1.5	2.0	2.8	2.8	2.0	1.5	1.1	0.7	0.3	0.1	0.1			
-60		0.1	0.2	0.4	0.6	0.8	1.2	2.1	2.1	1.2	0.8	0.6	0.4	0.2	0.1				
-70	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0							0.0			
-80		0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
-90	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0							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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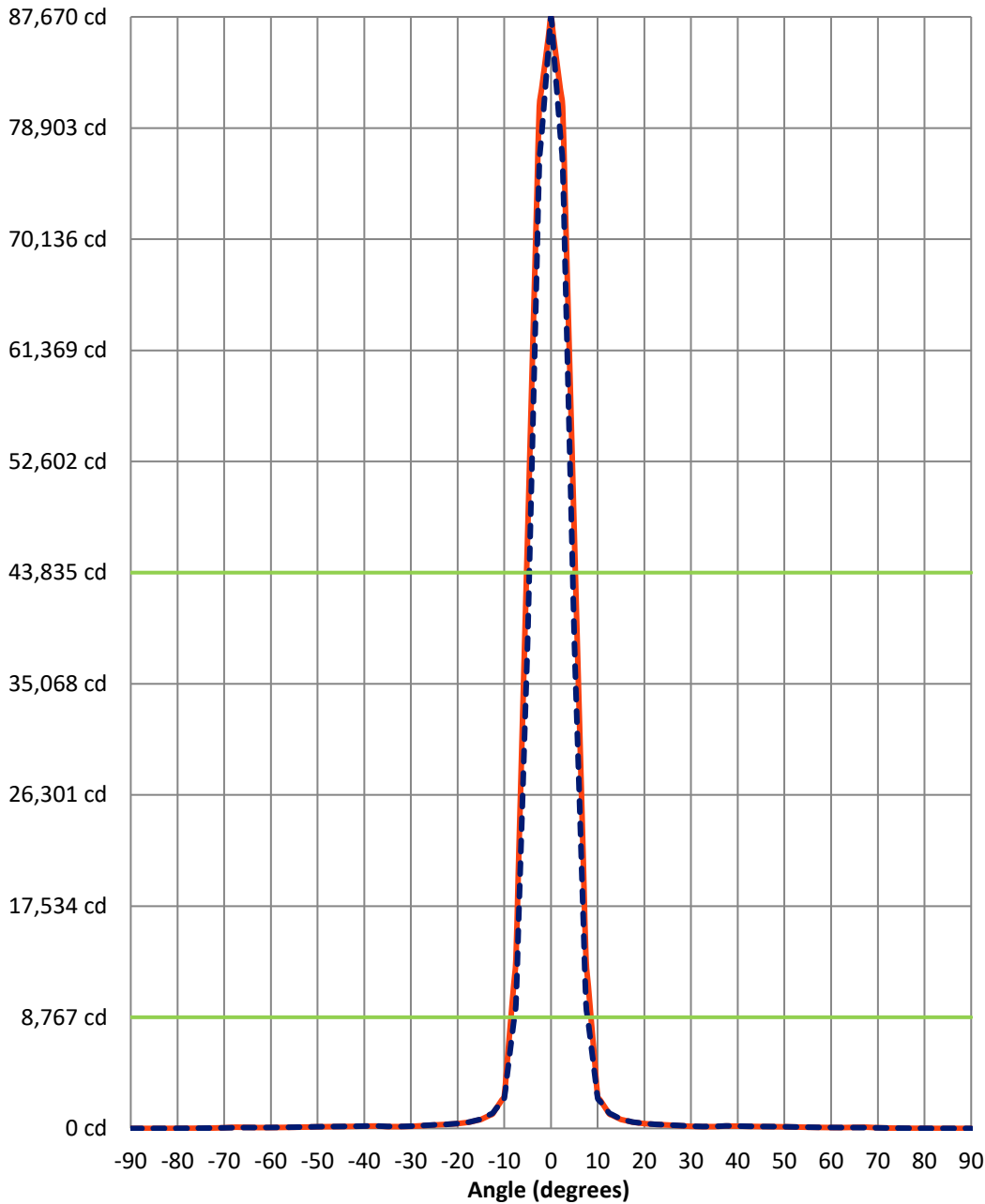
Luminous Intensity Polar Plot



— 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: 1463.3
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 2522
Efficiency: 73.9%

Spill:
Lumens: 892
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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.5	1.9	2.2	2.7
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.9	2.3	3.0	3.6
65°	0.0	0.4	0.8	1.0	1.0	1.2	1.8	2.3	3.1	3.8	4.6
62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.2	2.9	3.9	4.7	5.9
60°	0.0	0.5	1.0	1.0	1.0	1.8	2.6	3.6	4.6	6.0	7.2
57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.2	4.3	5.7	7.2	8.7
55°	0.0	0.6	1.0	1.0	1.5	2.5	3.9	5.1	6.9	8.6	10.3
52.5°	0.0	0.6	1.0	1.0	1.8	2.9	4.6	6.2	8.0	10.1	12.0
50°	0.0	0.6	1.0	1.0	2.1	3.5	5.3	7.4	9.3	11.7	14.0
47.5°	0.0	0.7	1.0	1.0	2.3	4.1	6.1	8.6	10.7	13.3	16.1
45°	0.0	0.7	1.1	1.2	2.6	4.7	7.2	9.9	12.4	15.2	18.2
42.5°	0.0	0.7	1.1	1.4	2.8	5.4	8.4	11.4	14.2	17.2	20.8
40°	0.0	0.8	1.1	1.6	3.2	6.0	9.5	13.0	16.2	19.3	23.5
37.5°	0.0	0.8	1.1	1.8	3.7	6.7	10.7	14.6	18.4	22.0	26.3
35°	0.0	0.8	1.1	1.9	4.1	7.5	11.8	16.3	20.6	25.1	29.1
32.5°	0.0	0.8	1.2	2.1	4.6	8.4	13.1	17.9	22.9	28.3	32.5
30°	0.0	0.9	1.2	2.2	5.1	9.3	14.4	19.7	25.2	31.6	36.4
27.5°	0.0	0.9	1.2	2.3	5.4	10.2	15.7	21.6	27.7	35.1	40.6
25°	0.0	0.9	1.2	2.4	5.6	11.0	17.1	23.4	30.5	38.6	45.2
22.5°	0.0	0.9	1.3	2.4	5.8	11.7	18.4	25.3	33.3	42.3	49.1
20°	0.0	0.9	1.3	2.5	5.9	12.0	19.6	27.0	36.0	46.2	52.9
17.5°	0.0	1.0	1.3	2.5	6.0	12.1	20.3	28.8	38.8	50.2	56.7
15°	0.0	1.0	1.3	2.6	6.0	12.2	20.5	30.0	41.5	54.3	60.4
12.5°	0.0	1.0	1.4	2.6	6.0	12.2	20.6	30.7	43.2	58.3	64.0
10°	0.0	1.0	1.4	2.6	6.0	12.1	20.7	31.2	44.1	59.8	66.5
7.5°	0.0	1.0	1.4	2.6	5.9	11.9	20.6	31.7	44.7	60.8	67.0
5°	0.0	1.0	1.5	2.6	5.8	11.7	20.5	32.1	45.2	61.4	67.3
2.5°	0.0	1.0	1.5	2.5	5.7	11.4	20.3	32.3	45.4	61.8	67.6
0°	0.0	1.0	1.5	2.5	5.5	11.0	19.9	32.4	45.4	61.8	67.8
-2.5°	0.0	1.0	1.5	2.5	5.7	11.4	20.3	32.3	45.4	61.8	67.6
-5°	0.0	1.0	1.5	2.6	5.8	11.7	20.5	32.1	45.2	61.4	67.3
-7.5°	0.0	1.0	1.4	2.6	5.9	11.9	20.6	31.7	44.7	60.8	67.0
-10°	0.0	1.0	1.4	2.6	6.0	12.1	20.7	31.2	44.1	59.8	66.5
-12.5°	0.0	1.0	1.4	2.6	6.0	12.2	20.6	30.7	43.2	58.3	64.0
-15°	0.0	1.0	1.3	2.6	6.0	12.2	20.5	30.0	41.5	54.3	60.4
-17.5°	0.0	1.0	1.3	2.5	6.0	12.1	20.3	28.8	38.8	50.2	56.7
-20°	0.0	0.9	1.3	2.5	5.9	12.0	19.6	27.0	36.0	46.2	52.9



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	0.9	1.3	2.4	5.8	11.7	18.4	25.3	33.3	42.3	49.1
-25°	0.0	0.9	1.2	2.4	5.6	11.0	17.1	23.4	30.5	38.6	45.2
-27.5°	0.0	0.9	1.2	2.3	5.4	10.2	15.7	21.6	27.7	35.1	40.6
-30°	0.0	0.9	1.2	2.2	5.1	9.3	14.4	19.7	25.2	31.6	36.4
-32.5°	0.0	0.8	1.2	2.1	4.6	8.4	13.1	17.9	22.9	28.3	32.5
-35°	0.0	0.8	1.1	1.9	4.1	7.5	11.8	16.3	20.6	25.1	29.1
-37.5°	0.0	0.8	1.1	1.8	3.7	6.7	10.7	14.6	18.4	22.0	26.3
-40°	0.0	0.8	1.1	1.6	3.2	6.0	9.5	13.0	16.2	19.3	23.5
-42.5°	0.0	0.7	1.1	1.4	2.8	5.4	8.4	11.4	14.2	17.2	20.8
-45°	0.0	0.7	1.1	1.2	2.6	4.7	7.2	9.9	12.4	15.2	18.2
-47.5°	0.0	0.7	1.0	1.0	2.3	4.1	6.1	8.6	10.7	13.3	16.1
-50°	0.0	0.6	1.0	1.0	2.1	3.5	5.3	7.4	9.3	11.7	14.0
-52.5°	0.0	0.6	1.0	1.0	1.8	2.9	4.6	6.2	8.0	10.1	12.0
-55°	0.0	0.6	1.0	1.0	1.5	2.5	3.9	5.1	6.9	8.6	10.3
-57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.2	4.3	5.7	7.2	8.7
-60°	0.0	0.5	1.0	1.0	1.0	1.8	2.6	3.6	4.6	6.0	7.2
-62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.2	2.9	3.9	4.7	5.9
-65°	0.0	0.4	0.8	1.0	1.0	1.2	1.8	2.3	3.1	3.8	4.6
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.9	2.3	3.0	3.6
-70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.5	1.9	2.2	2.7
-72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.0
-75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1D-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°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
82.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4
80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.4
77.5°	1.3	1.5	1.7	1.9	2.1	2.5	2.8	3.1	3.4	3.8	4.2
75°	1.7	2.0	2.5	3.0	3.5	3.9	4.3	4.8	5.5	6.2	6.9
72.5°	2.4	3.0	3.7	4.4	5.2	5.9	6.6	7.3	8.3	9.5	10.4
70°	3.3	4.0	5.1	6.2	7.3	8.2	9.6	11.2	12.9	13.7	14.2
67.5°	4.3	5.5	6.7	8.1	9.6	11.1	13.0	14.8	16.5	17.1	17.8
65°	5.5	6.9	8.4	10.1	11.8	13.7	15.6	17.6	19.3	20.2	21.2
62.5°	6.8	8.4	10.2	12.1	14.0	16.0	18.3	20.3	21.8	23.6	25.7
60°	8.4	10.0	12.0	14.1	16.3	19.1	21.4	23.6	25.6	27.6	30.8
57.5°	10.0	11.6	13.8	16.3	19.3	22.4	25.1	27.5	30.3	33.2	36.4
55°	11.8	13.2	15.8	18.8	22.2	26.0	29.1	32.4	35.6	38.2	41.1
52.5°	13.8	15.1	17.8	21.2	25.2	29.5	33.7	37.1	40.1	43.0	46.2
50°	16.0	17.6	19.8	23.9	28.4	33.2	38.0	41.4	44.8	48.2	51.8
47.5°	18.5	20.3	22.1	26.6	31.6	36.6	41.5	45.9	49.6	54.1	58.3
45°	21.2	23.3	25.2	29.4	34.6	39.7	45.1	50.4	55.6	60.9	67.6
42.5°	24.0	26.3	28.8	32.1	37.3	42.9	48.7	55.7	62.3	69.7	78.4
40°	26.8	29.4	32.4	35.3	39.9	46.2	53.2	61.0	70.5	80.1	90.5
37.5°	29.5	32.5	35.7	38.7	42.8	49.9	57.7	67.6	79.0	91.1	104.4
35°	32.2	35.5	38.8	42.4	46.9	53.8	63.4	74.7	88.4	103.6	115.7
32.5°	34.8	38.4	41.7	46.0	51.6	58.6	68.9	83.1	98.9	114.3	122.5
30°	38.1	40.9	44.6	49.5	56.2	65.1	76.3	91.6	109.5	120.1	127.7
27.5°	42.5	43.5	47.6	53.3	61.0	71.5	85.4	101.3	116.2	125.5	132.2
25°	46.8	47.8	50.4	57.2	66.6	79.1	94.7	112.9	121.7	129.5	137.3
22.5°	50.9	52.0	55.3	60.8	72.1	86.8	104.9	120.8	129.2	134.2	142.7
20°	54.7	56.5	60.5	66.9	77.8	94.2	114.9	128.2	136.2	142.2	150.0
17.5°	58.5	60.9	65.8	73.6	85.7	102.4	123.9	135.6	143.4	149.2	158.9
15°	62.1	65.1	70.8	79.9	93.1	111.1	129.9	141.6	150.0	155.7	167.1
12.5°	65.6	69.3	75.7	85.7	99.8	118.8	135.0	145.5	153.9	162.6	174.3
10°	68.9	73.3	80.3	91.1	105.7	125.4	139.3	148.6	157.0	168.1	180.3
7.5°	69.5	75.3	84.1	96.1	111.0	131.0	142.8	151.1	160.2	173.1	185.7
5°	69.5	75.2	84.4	97.3	113.5	134.3	145.3	152.9	163.2	177.6	190.6
2.5°	69.4	74.8	84.5	97.8	114.1	134.7	145.6	153.4	165.0	182.0	195.0
0°	69.3	74.3	84.3	97.8	114.2	134.2	145.6	153.6	166.1	186.0	199.0
-2.5°	69.4	74.8	84.5	97.8	114.1	134.7	145.6	153.4	165.0	182.0	195.0
-5°	69.5	75.2	84.4	97.3	113.5	134.3	145.3	152.9	163.2	177.6	190.6
-7.5°	69.5	75.3	84.1	96.1	111.0	131.0	142.8	151.1	160.2	173.1	185.7
-10°	68.9	73.3	80.3	91.1	105.7	125.4	139.3	148.6	157.0	168.1	180.3
-12.5°	65.6	69.3	75.7	85.7	99.8	118.8	135.0	145.5	153.9	162.6	174.3
-15°	62.1	65.1	70.8	79.9	93.1	111.1	129.9	141.6	150.0	155.7	167.1
-17.5°	58.5	60.9	65.8	73.6	85.7	102.4	123.9	135.6	143.4	149.2	158.9
-20°	54.7	56.5	60.5	66.9	77.8	94.2	114.9	128.2	136.2	142.2	150.0



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	50.9	52.0	55.3	60.8	72.1	86.8	104.9	120.8	129.2	134.2	142.7
-25°	46.8	47.8	50.4	57.2	66.6	79.1	94.7	112.9	121.7	129.5	137.3
-27.5°	42.5	43.5	47.6	53.3	61.0	71.5	85.4	101.3	116.2	125.5	132.2
-30°	38.1	40.9	44.6	49.5	56.2	65.1	76.3	91.6	109.5	120.1	127.7
-32.5°	34.8	38.4	41.7	46.0	51.6	58.6	68.9	83.1	98.9	114.3	122.5
-35°	32.2	35.5	38.8	42.4	46.9	53.8	63.4	74.7	88.4	103.6	115.7
-37.5°	29.5	32.5	35.7	38.7	42.8	49.9	57.7	67.6	79.0	91.1	104.4
-40°	26.8	29.4	32.4	35.3	39.9	46.2	53.2	61.0	70.5	80.1	90.5
-42.5°	24.0	26.3	28.8	32.1	37.3	42.9	48.7	55.7	62.3	69.7	78.4
-45°	21.2	23.3	25.2	29.4	34.6	39.7	45.1	50.4	55.6	60.9	67.6
-47.5°	18.5	20.3	22.1	26.6	31.6	36.6	41.5	45.9	49.6	54.1	58.3
-50°	16.0	17.6	19.8	23.9	28.4	33.2	38.0	41.4	44.8	48.2	51.8
-52.5°	13.8	15.1	17.8	21.2	25.2	29.5	33.7	37.1	40.1	43.0	46.2
-55°	11.8	13.2	15.8	18.8	22.2	26.0	29.1	32.4	35.6	38.2	41.1
-57.5°	10.0	11.6	13.8	16.3	19.3	22.4	25.1	27.5	30.3	33.2	36.4
-60°	8.4	10.0	12.0	14.1	16.3	19.1	21.4	23.6	25.6	27.6	30.8
-62.5°	6.8	8.4	10.2	12.1	14.0	16.0	18.3	20.3	21.8	23.6	25.7
-65°	5.5	6.9	8.4	10.1	11.8	13.7	15.6	17.6	19.3	20.2	21.2
-67.5°	4.3	5.5	6.7	8.1	9.6	11.1	13.0	14.8	16.5	17.1	17.8
-70°	3.3	4.0	5.1	6.2	7.3	8.2	9.6	11.2	12.9	13.7	14.2
-72.5°	2.4	3.0	3.7	4.4	5.2	5.9	6.6	7.3	8.3	9.5	10.4
-75°	1.7	2.0	2.5	3.0	3.5	3.9	4.3	4.8	5.5	6.2	6.9
-77.5°	1.3	1.5	1.7	1.9	2.1	2.5	2.8	3.1	3.4	3.8	4.2
-80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.4
-82.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4
-85°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-87.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
-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: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
80°	2.7	2.9	3.0	3.2	3.3	3.6	4.0	4.5	5.0	5.2	5.3
77.5°	4.8	5.1	5.3	5.5	5.6	6.4	7.4	8.4	9.5	10.1	10.6
75°	7.6	8.0	8.3	8.5	8.6	9.8	11.6	13.4	15.3	16.4	17.1
72.5°	11.0	11.3	11.6	11.8	12.0	13.7	16.9	20.4	24.1	26.3	27.9
70°	14.6	15.0	15.3	15.6	15.8	17.9	22.5	27.4	32.4	37.4	42.7
67.5°	18.5	19.3	19.7	20.0	20.2	22.0	27.0	31.5	35.7	44.8	59.1
65°	22.6	24.5	25.3	25.8	26.0	26.8	31.0	34.8	38.3	45.3	56.2
62.5°	28.0	30.5	31.7	32.2	32.5	32.6	36.0	39.2	42.2	46.6	53.5
60°	33.8	36.5	38.0	38.4	38.6	38.7	41.5	44.6	47.6	51.2	57.6
57.5°	39.1	41.7	43.8	44.6	45.3	45.8	48.2	51.9	55.3	58.9	65.9
55°	44.1	47.3	50.2	51.8	53.4	54.7	57.1	61.8	66.2	70.4	77.6
52.5°	49.7	53.6	57.5	60.5	63.4	65.9	68.5	74.6	80.5	86.2	93.2
50°	56.2	61.1	66.9	71.7	75.9	80.0	83.6	90.8	98.9	106.5	113.9
47.5°	64.6	71.0	78.4	85.3	90.9	97.3	103.0	110.4	117.5	124.6	130.7
45°	74.8	83.8	92.2	101.4	109.4	113.6	116.9	121.6	128.9	135.9	141.5
42.5°	87.9	98.3	108.7	115.5	120.7	124.1	126.6	129.0	136.6	143.4	148.9
40°	102.4	112.9	119.4	124.9	128.5	131.6	135.3	139.1	145.1	152.0	158.2
37.5°	115.0	121.8	127.5	131.8	136.1	140.1	145.6	151.0	156.8	164.6	170.3
35°	122.8	128.8	134.5	140.0	145.5	151.7	158.6	166.5	173.6	167.1	157.9
32.5°	128.8	134.8	141.7	150.2	157.9	166.3	175.0	161.1	147.0	141.4	142.6
30°	133.9	140.9	150.5	161.6	172.2	168.4	149.5	142.9	144.9	148.8	156.2
27.5°	139.4	148.2	159.8	173.5	165.1	144.2	145.3	149.1	162.1	173.1	189.7
25°	145.9	156.6	171.0	164.7	145.6	147.6	157.2	171.9	196.4	219.4	239.4
22.5°	153.8	167.4	169.3	145.6	148.2	160.8	180.5	212.0	241.9	269.7	290.4
20°	161.9	177.5	153.5	148.4	159.5	182.1	218.5	254.8	288.2	313.0	333.7
17.5°	171.4	165.9	148.9	154.3	176.7	215.7	256.7	295.2	326.6	369.5	406.0
15°	179.8	154.8	151.7	169.2	203.0	246.9	291.5	326.0	382.8	444.2	506.4
12.5°	175.0	150.9	156.6	182.6	227.0	274.4	313.8	368.4	443.6	533.4	668.3
10°	167.9	153.1	167.0	201.0	247.5	293.7	334.6	406.2	505.5	670.3	882.7
7.5°	162.4	154.1	173.8	215.2	262.7	305.3	359.9	446.7	585.1	811.2	1263.4
5°	158.2	154.0	177.0	223.3	271.8	313.4	375.4	476.2	663.0	985.3	1758.0
2.5°	156.3	153.2	177.8	227.7	276.2	317.8	385.1	497.3	712.3	1147.0	2311.6
0°	157.6	151.6	177.5	229.4	278.8	317.2	386.5	503.7	727.2	1206.7	2385.9
-2.5°	156.3	153.2	177.8	227.7	276.2	317.8	385.1	497.3	712.3	1147.0	2311.6
-5°	158.2	154.0	177.0	223.3	271.8	313.4	375.4	476.2	663.0	985.3	1758.0
-7.5°	162.4	154.1	173.8	215.2	262.7	305.3	359.9	446.7	585.1	811.2	1263.4
-10°	167.9	153.1	167.0	201.0	247.5	293.7	334.6	406.2	505.5	670.3	882.7
-12.5°	175.0	150.9	156.6	182.6	227.0	274.4	313.8	368.4	443.6	533.4	668.3
-15°	179.8	154.8	151.7	169.2	203.0	246.9	291.5	326.0	382.8	444.2	506.4
-17.5°	171.4	165.9	148.9	154.3	176.7	215.7	256.7	295.2	326.6	369.5	406.0
-20°	161.9	177.5	153.5	148.4	159.5	182.1	218.5	254.8	288.2	313.0	333.7



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	153.8	167.4	169.3	145.6	148.2	160.8	180.5	212.0	241.9	269.7	290.4
-25°	145.9	156.6	171.0	164.7	145.6	147.6	157.2	171.9	196.4	219.4	239.4
-27.5°	139.4	148.2	159.8	173.5	165.1	144.2	145.3	149.1	162.1	173.1	189.7
-30°	133.9	140.9	150.5	161.6	172.2	168.4	149.5	142.9	144.9	148.8	156.2
-32.5°	128.8	134.8	141.7	150.2	157.9	166.3	175.0	161.1	147.0	141.4	142.6
-35°	122.8	128.8	134.5	140.0	145.5	151.7	158.6	166.5	173.6	167.1	157.9
-37.5°	115.0	121.8	127.5	131.8	136.1	140.1	145.6	151.0	156.8	164.6	170.3
-40°	102.4	112.9	119.4	124.9	128.5	131.6	135.3	139.1	145.1	152.0	158.2
-42.5°	87.9	98.3	108.7	115.5	120.7	124.1	126.6	129.0	136.6	143.4	148.9
-45°	74.8	83.8	92.2	101.4	109.4	113.6	116.9	121.6	128.9	135.9	141.5
-47.5°	64.6	71.0	78.4	85.3	90.9	97.3	103.0	110.4	117.5	124.6	130.7
-50°	56.2	61.1	66.9	71.7	75.9	80.0	83.6	90.8	98.9	106.5	113.9
-52.5°	49.7	53.6	57.5	60.5	63.4	65.9	68.5	74.6	80.5	86.2	93.2
-55°	44.1	47.3	50.2	51.8	53.4	54.7	57.1	61.8	66.2	70.4	77.6
-57.5°	39.1	41.7	43.8	44.6	45.3	45.8	48.2	51.9	55.3	58.9	65.9
-60°	33.8	36.5	38.0	38.4	38.6	38.7	41.5	44.6	47.6	51.2	57.6
-62.5°	28.0	30.5	31.7	32.2	32.5	32.6	36.0	39.2	42.2	46.6	53.5
-65°	22.6	24.5	25.3	25.8	26.0	26.8	31.0	34.8	38.3	45.3	56.2
-67.5°	18.5	19.3	19.7	20.0	20.2	22.0	27.0	31.5	35.7	44.8	59.1
-70°	14.6	15.0	15.3	15.6	15.8	17.9	22.5	27.4	32.4	37.4	42.7
-72.5°	11.0	11.3	11.6	11.8	12.0	13.7	16.9	20.4	24.1	26.3	27.9
-75°	7.6	8.0	8.3	8.5	8.6	9.8	11.6	13.4	15.3	16.4	17.1
-77.5°	4.8	5.1	5.3	5.5	5.6	6.4	7.4	8.4	9.5	10.1	10.6
-80°	2.7	2.9	3.0	3.2	3.3	3.6	4.0	4.5	5.0	5.2	5.3
-82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
-85°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
80°	5.4	5.4	5.2	5.0	5.2	5.4	5.4	5.3	5.2	5.0	4.5
77.5°	11.0	11.4	11.0	10.5	11.0	11.4	11.0	10.6	10.1	9.5	8.4
75°	17.7	18.3	18.0	17.5	18.0	18.3	17.7	17.1	16.4	15.3	13.4
72.5°	29.5	31.0	30.6	29.9	30.6	31.0	29.5	27.9	26.3	24.1	20.4
70°	48.4	54.0	53.8	52.4	53.8	54.0	48.4	42.7	37.4	32.4	27.4
67.5°	74.5	90.6	95.8	98.3	95.8	90.6	74.5	59.1	44.8	35.7	31.5
65°	66.4	76.1	79.9	82.8	79.9	76.1	66.4	56.2	45.3	38.3	34.8
62.5°	59.7	65.4	66.7	66.8	66.7	65.4	59.7	53.5	46.6	42.2	39.2
60°	63.9	70.0	70.9	69.8	70.9	70.0	63.9	57.6	51.2	47.6	44.6
57.5°	72.5	79.0	80.2	78.8	80.2	79.0	72.5	65.9	58.9	55.3	51.9
55°	84.6	91.1	93.2	92.8	93.2	91.1	84.6	77.6	70.4	66.2	61.8
52.5°	99.9	105.8	108.3	108.2	108.3	105.8	99.9	93.2	86.2	80.5	74.6
50°	120.3	125.7	128.3	128.7	128.3	125.7	120.3	113.9	106.5	98.9	90.8
47.5°	135.1	138.5	140.4	140.6	140.4	138.5	135.1	130.7	124.6	117.5	110.4
45°	144.1	146.0	147.4	148.6	147.4	146.0	144.1	141.5	135.9	128.9	121.6
42.5°	152.6	156.5	159.4	160.1	159.4	156.5	152.6	148.9	143.4	136.6	129.0
40°	164.0	169.4	174.6	180.0	174.6	169.4	164.0	158.2	152.0	145.1	139.1
37.5°	176.2	182.2	187.2	190.0	187.2	182.2	176.2	170.3	164.6	156.8	151.0
35°	151.4	147.4	145.0	144.1	145.0	147.4	151.4	157.9	167.1	173.6	166.5
32.5°	143.2	143.5	143.0	142.1	143.0	143.5	143.2	142.6	141.4	147.0	161.1
30°	161.8	164.4	164.7	164.6	164.7	164.4	161.8	156.2	148.8	144.9	142.9
27.5°	202.0	208.7	210.8	215.0	210.8	208.7	202.0	189.7	173.1	162.1	149.1
25°	255.0	265.1	270.0	271.8	270.0	265.1	255.0	239.4	219.4	196.4	171.9
22.5°	302.1	309.8	314.4	318.2	314.4	309.8	302.1	290.4	269.7	241.9	212.0
20°	357.9	372.0	378.5	379.0	378.5	372.0	357.9	333.7	313.0	288.2	254.8
17.5°	445.0	472.6	486.4	490.3	486.4	472.6	445.0	406.0	369.5	326.6	295.2
15°	582.5	652.9	689.1	706.2	689.1	652.9	582.5	506.4	444.2	382.8	326.0
12.5°	806.7	965.5	1093.8	1142.2	1093.8	965.5	806.7	668.3	533.4	443.6	368.4
10°	1251.1	1725.1	2278.7	2537.1	2278.7	1725.1	1251.1	882.7	670.3	505.5	406.2
7.5°	2420.3	5619.5	10891.6	13406.5	10891.6	5619.5	2420.3	1263.4	811.2	585.1	446.7
5°	5159.0	22264.5	39873.0	46834.2	39873.0	22264.5	5159.0	1758.0	985.3	663.0	476.2
2.5°	8217.1	36516.7	68901.2	80565.7	68901.2	36516.7	8217.1	2311.6	1147.0	712.3	497.3
0°	9817.8	38481.9	76030.9	87669.6	76030.9	38481.9	9817.8	2385.9	1206.7	727.2	503.7
-2.5°	8217.1	36516.7	68901.2	80565.6	68901.2	36516.7	8217.1	2311.6	1147.0	712.3	497.3
-5°	5159.0	22264.5	39873.0	46834.2	39873.0	22264.5	5159.0	1758.0	985.3	663.0	476.2
-7.5°	2420.3	5619.5	10891.6	13406.5	10891.6	5619.5	2420.3	1263.4	811.2	585.1	446.7
-10°	1251.1	1725.1	2278.7	2537.1	2278.7	1725.1	1251.1	882.7	670.3	505.5	406.2
-12.5°	806.7	965.5	1093.8	1142.2	1093.8	965.5	806.7	668.3	533.4	443.6	368.4
-15°	582.5	652.9	689.1	706.2	689.1	652.9	582.5	506.4	444.2	382.8	326.0
-17.5°	445.0	472.6	486.4	490.3	486.4	472.6	445.0	406.0	369.5	326.6	295.2
-20°	357.9	372.0	378.5	379.0	378.5	372.0	357.9	333.7	313.0	288.2	254.8



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	302.1	309.8	314.4	318.2	314.4	309.8	302.1	290.4	269.7	241.9	212.0
-25°	255.0	265.1	270.0	271.8	270.0	265.1	255.0	239.4	219.4	196.4	171.9
-27.5°	202.0	208.7	210.8	215.0	210.8	208.7	202.0	189.7	173.1	162.1	149.1
-30°	161.8	164.4	164.7	164.6	164.7	164.4	161.8	156.2	148.8	144.9	142.9
-32.5°	143.2	143.5	143.0	142.1	143.0	143.5	143.2	142.6	141.4	147.0	161.1
-35°	151.4	147.4	145.0	144.1	145.0	147.4	151.4	157.9	167.1	173.6	166.5
-37.5°	176.2	182.2	187.2	190.0	187.2	182.2	176.2	170.3	164.6	156.8	151.0
-40°	164.0	169.4	174.6	180.0	174.6	169.4	164.0	158.2	152.0	145.1	139.1
-42.5°	152.6	156.5	159.4	160.1	159.4	156.5	152.6	148.9	143.4	136.6	129.0
-45°	144.1	146.0	147.4	148.6	147.4	146.0	144.1	141.5	135.9	128.9	121.6
-47.5°	135.1	138.5	140.4	140.6	140.4	138.5	135.1	130.7	124.6	117.5	110.4
-50°	120.3	125.7	128.3	128.7	128.3	125.7	120.3	113.9	106.5	98.9	90.8
-52.5°	99.9	105.8	108.3	108.2	108.3	105.8	99.9	93.2	86.2	80.5	74.6
-55°	84.6	91.1	93.2	92.8	93.2	91.1	84.6	77.6	70.4	66.2	61.8
-57.5°	72.5	79.0	80.2	78.8	80.2	79.0	72.5	65.9	58.9	55.3	51.9
-60°	63.9	70.0	70.9	69.8	70.9	70.0	63.9	57.6	51.2	47.6	44.6
-62.5°	59.7	65.4	66.7	66.8	66.7	65.4	59.7	53.5	46.6	42.2	39.2
-65°	66.4	76.1	79.9	82.8	79.9	76.1	66.4	56.2	45.3	38.3	34.8
-67.5°	74.5	90.6	95.8	98.3	95.8	90.6	74.5	59.1	44.8	35.7	31.5
-70°	48.4	54.0	53.8	52.4	53.8	54.0	48.4	42.7	37.4	32.4	27.4
-72.5°	29.5	31.0	30.6	29.9	30.6	31.0	29.5	27.9	26.3	24.1	20.4
-75°	17.7	18.3	18.0	17.5	18.0	18.3	17.7	17.1	16.4	15.3	13.4
-77.5°	11.0	11.4	11.0	10.5	11.0	11.4	11.0	10.6	10.1	9.5	8.4
-80°	5.4	5.4	5.2	5.0	5.2	5.4	5.4	5.3	5.2	5.0	4.5
-82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
80°	4.0	3.6	3.3	3.2	3.0	2.9	2.7	2.4	2.1	1.9	1.8
77.5°	7.4	6.4	5.6	5.5	5.3	5.1	4.8	4.2	3.8	3.4	3.1
75°	11.6	9.8	8.6	8.5	8.3	8.0	7.6	6.9	6.2	5.5	4.8
72.5°	16.9	13.7	12.0	11.8	11.6	11.3	11.0	10.4	9.5	8.3	7.3
70°	22.5	17.9	15.8	15.6	15.3	15.0	14.6	14.2	13.7	12.9	11.2
67.5°	27.0	22.0	20.2	20.0	19.7	19.3	18.5	17.8	17.1	16.5	14.8
65°	31.0	26.8	26.0	25.8	25.3	24.5	22.6	21.2	20.2	19.3	17.6
62.5°	36.0	32.6	32.5	32.2	31.7	30.5	28.0	25.7	23.6	21.8	20.3
60°	41.5	38.7	38.6	38.4	38.0	36.5	33.8	30.8	27.6	25.6	23.6
57.5°	48.2	45.8	45.3	44.6	43.8	41.7	39.1	36.4	33.2	30.3	27.5
55°	57.1	54.7	53.4	51.8	50.2	47.3	44.1	41.1	38.2	35.6	32.4
52.5°	68.5	65.9	63.4	60.5	57.5	53.6	49.7	46.2	43.0	40.1	37.1
50°	83.6	80.0	75.9	71.7	66.9	61.1	56.2	51.8	48.2	44.8	41.4
47.5°	103.0	97.3	90.9	85.3	78.4	71.0	64.6	58.3	54.1	49.6	45.9
45°	116.9	113.6	109.4	101.4	92.2	83.8	74.8	67.6	60.9	55.6	50.4
42.5°	126.6	124.1	120.7	115.5	108.7	98.3	87.9	78.4	69.7	62.3	55.7
40°	135.3	131.6	128.5	124.9	119.4	112.9	102.4	90.5	80.1	70.5	61.0
37.5°	145.6	140.1	136.1	131.8	127.5	121.8	115.0	104.4	91.1	79.0	67.6
35°	158.6	151.7	145.5	140.0	134.5	128.8	122.8	115.7	103.6	88.4	74.7
32.5°	175.0	166.3	157.9	150.2	141.7	134.8	128.8	122.5	114.3	98.9	83.1
30°	149.5	168.4	172.2	161.6	150.5	140.9	133.9	127.7	120.1	109.5	91.6
27.5°	145.3	144.2	165.1	173.5	159.8	148.2	139.4	132.2	125.5	116.2	101.3
25°	157.2	147.6	145.6	164.7	171.0	156.6	145.9	137.3	129.5	121.7	112.9
22.5°	180.5	160.8	148.2	145.6	169.3	167.4	153.8	142.7	134.2	129.2	120.8
20°	218.5	182.1	159.5	148.4	153.5	177.5	161.9	150.0	142.2	136.2	128.2
17.5°	256.7	215.7	176.7	154.3	148.9	165.9	171.4	158.9	149.2	143.4	135.6
15°	291.5	246.9	203.0	169.2	151.7	154.8	179.8	167.1	155.7	150.0	141.6
12.5°	313.8	274.4	227.0	182.6	156.6	150.9	175.0	174.3	162.6	153.9	145.5
10°	334.6	293.7	247.5	201.0	167.0	153.1	167.9	180.3	168.1	157.0	148.6
7.5°	359.9	305.3	262.7	215.2	173.8	154.1	162.4	185.7	173.1	160.2	151.1
5°	375.4	313.4	271.8	223.3	177.0	154.0	158.2	190.6	177.6	163.2	152.9
2.5°	385.1	317.8	276.2	227.7	177.8	153.2	156.3	195.0	182.0	165.0	153.4
0°	386.5	317.2	278.8	229.4	177.5	151.6	157.6	199.0	186.0	166.1	153.6
-2.5°	385.1	317.8	276.2	227.7	177.8	153.2	156.3	195.0	182.0	165.0	153.4
-5°	375.4	313.4	271.8	223.3	177.0	154.0	158.2	190.6	177.6	163.2	152.9
-7.5°	359.9	305.3	262.7	215.2	173.8	154.1	162.4	185.7	173.1	160.2	151.1
-10°	334.6	293.7	247.5	201.0	167.0	153.1	167.9	180.3	168.1	157.0	148.6
-12.5°	313.8	274.4	227.0	182.6	156.6	150.9	175.0	174.3	162.6	153.9	145.5
-15°	291.5	246.9	203.0	169.2	151.7	154.8	179.8	167.1	155.7	150.0	141.6
-17.5°	256.7	215.7	176.7	154.3	148.9	165.9	171.4	158.9	149.2	143.4	135.6
-20°	218.5	182.1	159.5	148.4	153.5	177.5	161.9	150.0	142.2	136.2	128.2



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	180.5	160.8	148.2	145.6	169.3	167.4	153.8	142.7	134.2	129.2	120.8
-25°	157.2	147.6	145.6	164.7	171.0	156.6	145.9	137.3	129.5	121.7	112.9
-27.5°	145.3	144.2	165.1	173.5	159.8	148.2	139.4	132.2	125.5	116.2	101.3
-30°	149.5	168.4	172.2	161.6	150.5	140.9	133.9	127.7	120.1	109.5	91.6
-32.5°	175.0	166.3	157.9	150.2	141.7	134.8	128.8	122.5	114.3	98.9	83.1
-35°	158.6	151.7	145.5	140.0	134.5	128.8	122.8	115.7	103.6	88.4	74.7
-37.5°	145.6	140.1	136.1	131.8	127.5	121.8	115.0	104.4	91.1	79.0	67.6
-40°	135.3	131.6	128.5	124.9	119.4	112.9	102.4	90.5	80.1	70.5	61.0
-42.5°	126.6	124.1	120.7	115.5	108.7	98.3	87.9	78.4	69.7	62.3	55.7
-45°	116.9	113.6	109.4	101.4	92.2	83.8	74.8	67.6	60.9	55.6	50.4
-47.5°	103.0	97.3	90.9	85.3	78.4	71.0	64.6	58.3	54.1	49.6	45.9
-50°	83.6	80.0	75.9	71.7	66.9	61.1	56.2	51.8	48.2	44.8	41.4
-52.5°	68.5	65.9	63.4	60.5	57.5	53.6	49.7	46.2	43.0	40.1	37.1
-55°	57.1	54.7	53.4	51.8	50.2	47.3	44.1	41.1	38.2	35.6	32.4
-57.5°	48.2	45.8	45.3	44.6	43.8	41.7	39.1	36.4	33.2	30.3	27.5
-60°	41.5	38.7	38.6	38.4	38.0	36.5	33.8	30.8	27.6	25.6	23.6
-62.5°	36.0	32.6	32.5	32.2	31.7	30.5	28.0	25.7	23.6	21.8	20.3
-65°	31.0	26.8	26.0	25.8	25.3	24.5	22.6	21.2	20.2	19.3	17.6
-67.5°	27.0	22.0	20.2	20.0	19.7	19.3	18.5	17.8	17.1	16.5	14.8
-70°	22.5	17.9	15.8	15.6	15.3	15.0	14.6	14.2	13.7	12.9	11.2
-72.5°	16.9	13.7	12.0	11.8	11.6	11.3	11.0	10.4	9.5	8.3	7.3
-75°	11.6	9.8	8.6	8.5	8.3	8.0	7.6	6.9	6.2	5.5	4.8
-77.5°	7.4	6.4	5.6	5.5	5.3	5.1	4.8	4.2	3.8	3.4	3.1
-80°	4.0	3.6	3.3	3.2	3.0	2.9	2.7	2.4	2.1	1.9	1.8
-82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
-85°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3
85°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	2.8	2.5	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
75°	4.3	3.9	3.5	3.0	2.5	2.0	1.7	1.5	1.3	1.0	1.0
72.5°	6.6	5.9	5.2	4.4	3.7	3.0	2.4	2.0	1.8	1.5	1.1
70°	9.6	8.2	7.3	6.2	5.1	4.0	3.3	2.7	2.2	1.9	1.5
67.5°	13.0	11.1	9.6	8.1	6.7	5.5	4.3	3.6	3.0	2.3	1.9
65°	15.6	13.7	11.8	10.1	8.4	6.9	5.5	4.6	3.8	3.1	2.3
62.5°	18.3	16.0	14.0	12.1	10.2	8.4	6.8	5.9	4.7	3.9	2.9
60°	21.4	19.1	16.3	14.1	12.0	10.0	8.4	7.2	6.0	4.6	3.6
57.5°	25.1	22.4	19.3	16.3	13.8	11.6	10.0	8.7	7.2	5.7	4.3
55°	29.1	26.0	22.2	18.8	15.8	13.2	11.8	10.3	8.6	6.9	5.1
52.5°	33.7	29.5	25.2	21.2	17.8	15.1	13.8	12.0	10.1	8.0	6.2
50°	38.0	33.2	28.4	23.9	19.8	17.6	16.0	14.0	11.7	9.3	7.4
47.5°	41.5	36.6	31.6	26.6	22.1	20.3	18.5	16.1	13.3	10.7	8.6
45°	45.1	39.7	34.6	29.4	25.2	23.3	21.2	18.2	15.2	12.4	9.9
42.5°	48.7	42.9	37.3	32.1	28.8	26.3	24.0	20.8	17.2	14.2	11.4
40°	53.2	46.2	39.9	35.3	32.4	29.4	26.8	23.5	19.3	16.2	13.0
37.5°	57.7	49.9	42.8	38.7	35.7	32.5	29.5	26.3	22.0	18.4	14.6
35°	63.4	53.8	46.9	42.4	38.8	35.5	32.2	29.1	25.1	20.6	16.3
32.5°	68.9	58.6	51.6	46.0	41.7	38.4	34.8	32.5	28.3	22.9	17.9
30°	76.3	65.1	56.2	49.5	44.6	40.9	38.1	36.4	31.6	25.2	19.7
27.5°	85.4	71.5	61.0	53.3	47.6	43.5	42.5	40.6	35.1	27.7	21.6
25°	94.7	79.1	66.6	57.2	50.4	47.8	46.8	45.2	38.6	30.5	23.4
22.5°	104.9	86.8	72.1	60.8	55.3	52.0	50.9	49.1	42.3	33.3	25.3
20°	114.9	94.2	77.8	66.9	60.5	56.5	54.7	52.9	46.2	36.0	27.0
17.5°	123.9	102.4	85.7	73.6	65.8	60.9	58.5	56.7	50.2	38.8	28.8
15°	129.9	111.1	93.1	79.9	70.8	65.1	62.1	60.4	54.3	41.5	30.0
12.5°	135.0	118.8	99.8	85.7	75.7	69.3	65.6	64.0	58.3	43.2	30.7
10°	139.3	125.4	105.7	91.1	80.3	73.3	68.9	66.5	59.8	44.1	31.2
7.5°	142.8	131.0	111.0	96.1	84.1	75.3	69.5	67.0	60.8	44.7	31.7
5°	145.3	134.3	113.5	97.3	84.4	75.2	69.5	67.3	61.4	45.2	32.1
2.5°	145.6	134.7	114.1	97.8	84.5	74.8	69.4	67.6	61.8	45.4	32.3
0°	145.6	134.2	114.2	97.8	84.3	74.3	69.3	67.8	61.8	45.4	32.4
-2.5°	145.6	134.7	114.1	97.8	84.5	74.8	69.4	67.6	61.8	45.4	32.3
-5°	145.3	134.3	113.5	97.3	84.4	75.2	69.5	67.3	61.4	45.2	32.1
-7.5°	142.8	131.0	111.0	96.1	84.1	75.3	69.5	67.0	60.8	44.7	31.7
-10°	139.3	125.4	105.7	91.1	80.3	73.3	68.9	66.5	59.8	44.1	31.2
-12.5°	135.0	118.8	99.8	85.7	75.7	69.3	65.6	64.0	58.3	43.2	30.7
-15°	129.9	111.1	93.1	79.9	70.8	65.1	62.1	60.4	54.3	41.5	30.0
-17.5°	123.9	102.4	85.7	73.6	65.8	60.9	58.5	56.7	50.2	38.8	28.8
-20°	114.9	94.2	77.8	66.9	60.5	56.5	54.7	52.9	46.2	36.0	27.0



REPORT NUMBER: P558577 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-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°	104.9	86.8	72.1	60.8	55.3	52.0	50.9	49.1	42.3	33.3	25.3
-25°	94.7	79.1	66.6	57.2	50.4	47.8	46.8	45.2	38.6	30.5	23.4
-27.5°	85.4	71.5	61.0	53.3	47.6	43.5	42.5	40.6	35.1	27.7	21.6
-30°	76.3	65.1	56.2	49.5	44.6	40.9	38.1	36.4	31.6	25.2	19.7
-32.5°	68.9	58.6	51.6	46.0	41.7	38.4	34.8	32.5	28.3	22.9	17.9
-35°	63.4	53.8	46.9	42.4	38.8	35.5	32.2	29.1	25.1	20.6	16.3
-37.5°	57.7	49.9	42.8	38.7	35.7	32.5	29.5	26.3	22.0	18.4	14.6
-40°	53.2	46.2	39.9	35.3	32.4	29.4	26.8	23.5	19.3	16.2	13.0
-42.5°	48.7	42.9	37.3	32.1	28.8	26.3	24.0	20.8	17.2	14.2	11.4
-45°	45.1	39.7	34.6	29.4	25.2	23.3	21.2	18.2	15.2	12.4	9.9
-47.5°	41.5	36.6	31.6	26.6	22.1	20.3	18.5	16.1	13.3	10.7	8.6
-50°	38.0	33.2	28.4	23.9	19.8	17.6	16.0	14.0	11.7	9.3	7.4
-52.5°	33.7	29.5	25.2	21.2	17.8	15.1	13.8	12.0	10.1	8.0	6.2
-55°	29.1	26.0	22.2	18.8	15.8	13.2	11.8	10.3	8.6	6.9	5.1
-57.5°	25.1	22.4	19.3	16.3	13.8	11.6	10.0	8.7	7.2	5.7	4.3
-60°	21.4	19.1	16.3	14.1	12.0	10.0	8.4	7.2	6.0	4.6	3.6
-62.5°	18.3	16.0	14.0	12.1	10.2	8.4	6.8	5.9	4.7	3.9	2.9
-65°	15.6	13.7	11.8	10.1	8.4	6.9	5.5	4.6	3.8	3.1	2.3
-67.5°	13.0	11.1	9.6	8.1	6.7	5.5	4.3	3.6	3.0	2.3	1.9
-70°	9.6	8.2	7.3	6.2	5.1	4.0	3.3	2.7	2.2	1.9	1.5
-72.5°	6.6	5.9	5.2	4.4	3.7	3.0	2.4	2.0	1.8	1.5	1.1
-75°	4.3	3.9	3.5	3.0	2.5	2.0	1.7	1.5	1.3	1.0	1.0
-77.5°	2.8	2.5	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
-80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
-85°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
-87.5°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.4	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.8	1.2	1.0	1.0	0.8	0.4	0.0
62.5°	2.2	1.5	1.0	1.0	0.9	0.5	0.0
60°	2.6	1.8	1.0	1.0	1.0	0.5	0.0
57.5°	3.2	2.2	1.3	1.0	1.0	0.5	0.0
55°	3.9	2.5	1.5	1.0	1.0	0.6	0.0
52.5°	4.6	2.9	1.8	1.0	1.0	0.6	0.0
50°	5.3	3.5	2.1	1.0	1.0	0.6	0.0
47.5°	6.1	4.1	2.3	1.0	1.0	0.7	0.0
45°	7.2	4.7	2.6	1.2	1.1	0.7	0.0
42.5°	8.4	5.4	2.8	1.4	1.1	0.7	0.0
40°	9.5	6.0	3.2	1.6	1.1	0.8	0.0
37.5°	10.7	6.7	3.7	1.8	1.1	0.8	0.0
35°	11.8	7.5	4.1	1.9	1.1	0.8	0.0
32.5°	13.1	8.4	4.6	2.1	1.2	0.8	0.0
30°	14.4	9.3	5.1	2.2	1.2	0.9	0.0
27.5°	15.7	10.2	5.4	2.3	1.2	0.9	0.0
25°	17.1	11.0	5.6	2.4	1.2	0.9	0.0
22.5°	18.4	11.7	5.8	2.4	1.3	0.9	0.0
20°	19.6	12.0	5.9	2.5	1.3	0.9	0.0
17.5°	20.3	12.1	6.0	2.5	1.3	1.0	0.0
15°	20.5	12.2	6.0	2.6	1.3	1.0	0.0
12.5°	20.6	12.2	6.0	2.6	1.4	1.0	0.0
10°	20.7	12.1	6.0	2.6	1.4	1.0	0.0
7.5°	20.6	11.9	5.9	2.6	1.4	1.0	0.0
5°	20.5	11.7	5.8	2.6	1.5	1.0	0.0
2.5°	20.3	11.4	5.7	2.5	1.5	1.0	0.0
0°	19.9	11.0	5.5	2.5	1.5	1.0	0.0
-2.5°	20.3	11.4	5.7	2.5	1.5	1.0	0.0
-5°	20.5	11.7	5.8	2.6	1.5	1.0	0.0
-7.5°	20.6	11.9	5.9	2.6	1.4	1.0	0.0
-10°	20.7	12.1	6.0	2.6	1.4	1.0	0.0
-12.5°	20.6	12.2	6.0	2.6	1.4	1.0	0.0
-15°	20.5	12.2	6.0	2.6	1.3	1.0	0.0
-17.5°	20.3	12.1	6.0	2.5	1.3	1.0	0.0
-20°	19.6	12.0	5.9	2.5	1.3	0.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.4	11.7	5.8	2.4	1.3	0.9	0.0
-25°	17.1	11.0	5.6	2.4	1.2	0.9	0.0
-27.5°	15.7	10.2	5.4	2.3	1.2	0.9	0.0
-30°	14.4	9.3	5.1	2.2	1.2	0.9	0.0
-32.5°	13.1	8.4	4.6	2.1	1.2	0.8	0.0
-35°	11.8	7.5	4.1	1.9	1.1	0.8	0.0
-37.5°	10.7	6.7	3.7	1.8	1.1	0.8	0.0
-40°	9.5	6.0	3.2	1.6	1.1	0.8	0.0
-42.5°	8.4	5.4	2.8	1.4	1.1	0.7	0.0
-45°	7.2	4.7	2.6	1.2	1.1	0.7	0.0
-47.5°	6.1	4.1	2.3	1.0	1.0	0.7	0.0
-50°	5.3	3.5	2.1	1.0	1.0	0.6	0.0
-52.5°	4.6	2.9	1.8	1.0	1.0	0.6	0.0
-55°	3.9	2.5	1.5	1.0	1.0	0.6	0.0
-57.5°	3.2	2.2	1.3	1.0	1.0	0.5	0.0
-60°	2.6	1.8	1.0	1.0	1.0	0.5	0.0
-62.5°	2.2	1.5	1.0	1.0	0.9	0.5	0.0
-65°	1.8	1.2	1.0	1.0	0.8	0.4	0.0
-67.5°	1.4	1.0	1.0	1.0	0.8	0.4	0.0
-70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
-72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
-75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
-77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)