

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: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558553 (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-SA1C-940-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

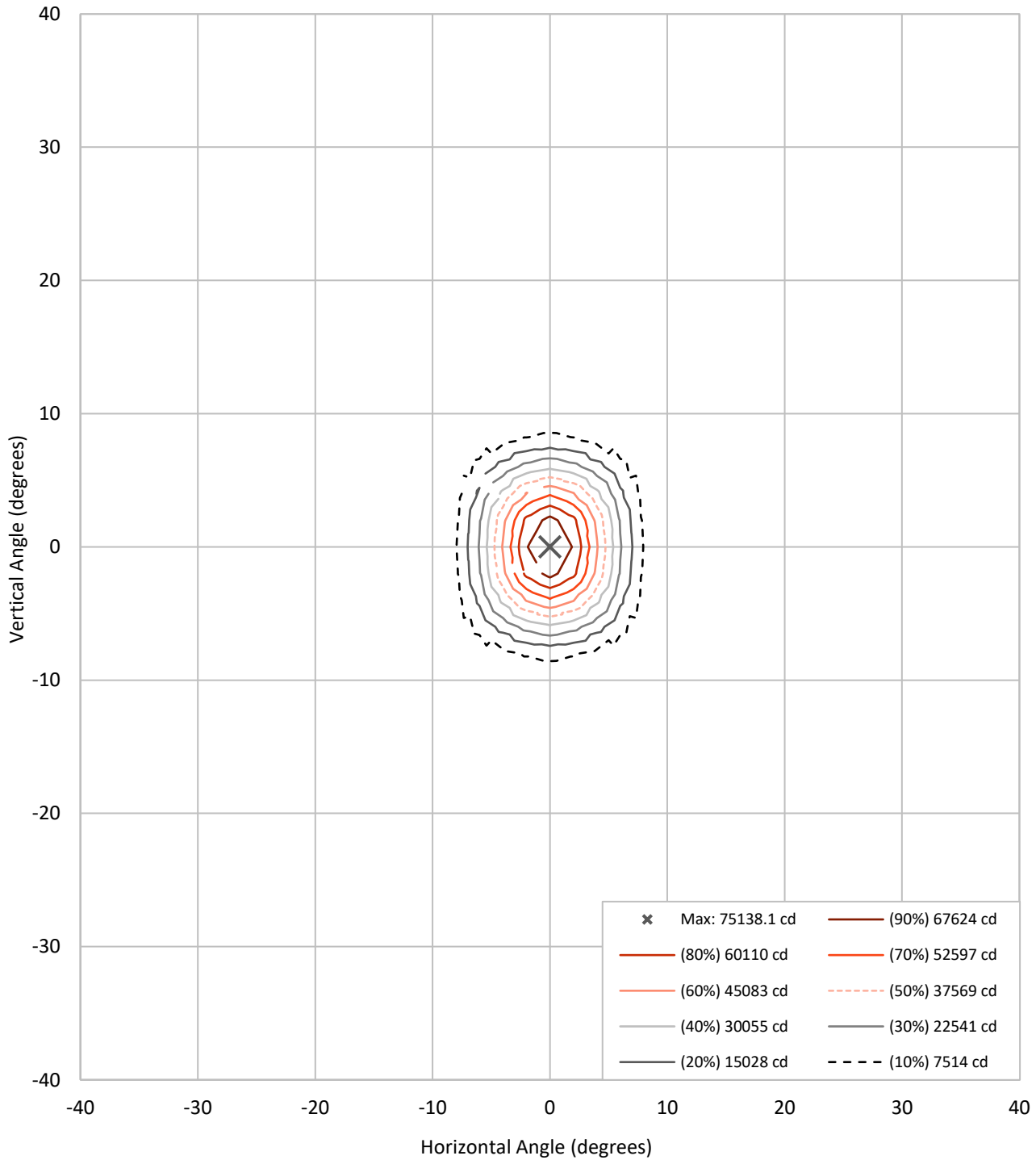
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	2926.1 lumens	Max Intensity:	75138.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1254.2 lumens	Field Lumens:	2161.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 44
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: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-940-U-TSB-XX

Iso-Candela Plot





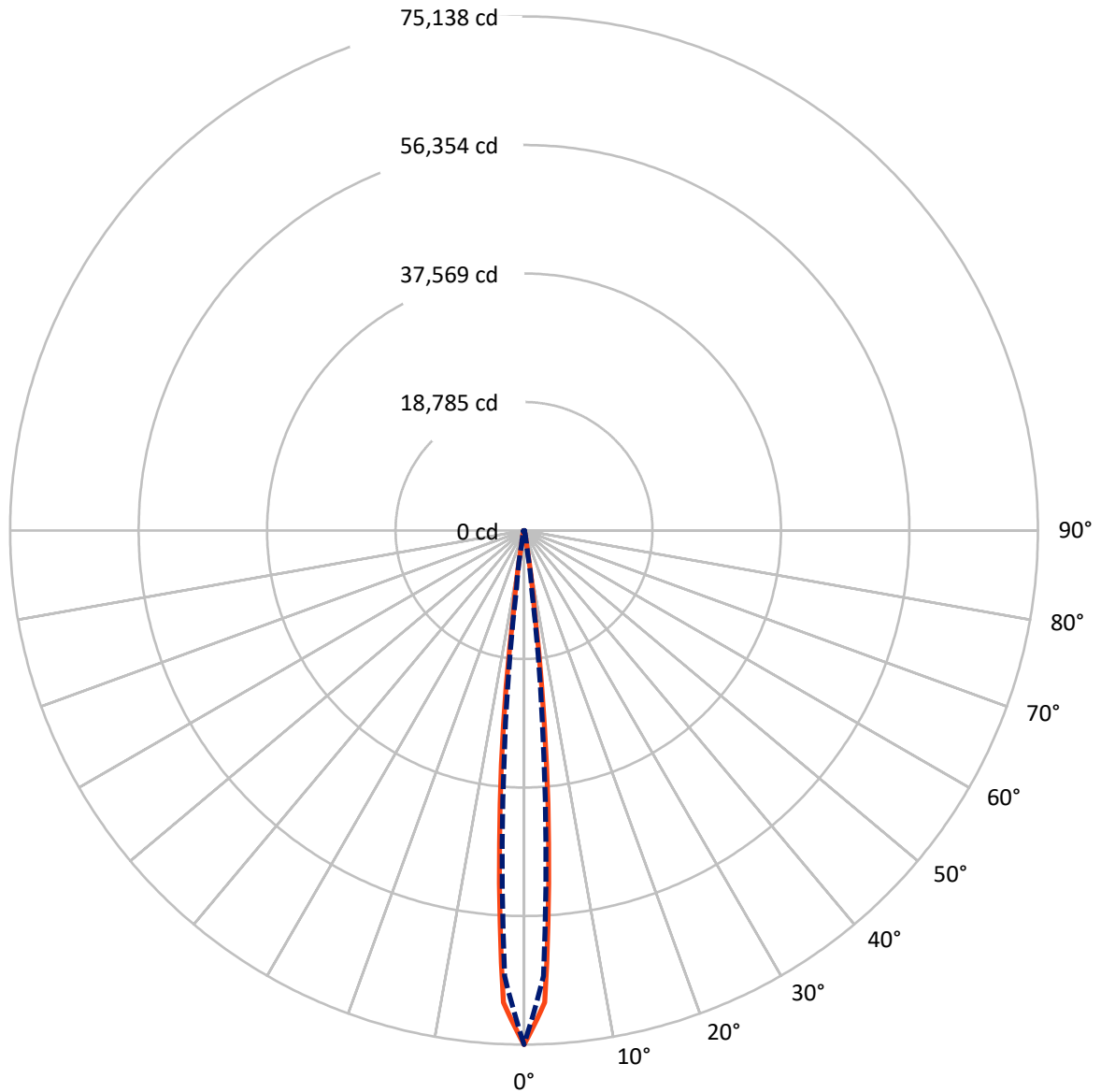
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Lumen Table

90	0.0	0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0										
70	0.0	0.1	0.2	0.3	0.5	0.6	1.0	1.8	1.8	1.0	0.6	0.5	0.3	0.2	0.1	0.0			
60		0.1	0.3	0.6	1.0	1.3	1.7	2.4	2.4	1.7	1.3	1.0	0.6	0.3	0.1				
50	0.1	0.2	0.5	0.9	1.7	2.5	3.2	3.8	3.8	3.2	2.5	1.7	0.9	0.5	0.2	0.1			
40		0.3	0.7	1.4	2.6	3.5	3.9	4.2	4.2	3.9	3.5	2.6	1.4	0.7	0.3				
30	0.3	0.5	0.9	2.0	3.2	3.8	5.1	6.8	6.8	5.1	3.8	3.2	2.0	0.9	0.5	0.3			
20		0.6	1.2	2.5	3.5	5.0	10.1	20.1	20.1	10.1	5.0	3.5	2.5	1.2	0.6				
10	0.3	0.7	1.5	2.8	3.6	6.4	19.9	587.9	587.9	19.9	6.4	3.6	2.8	1.5	0.7	0.3			
0		0.7	1.5	2.8	3.6	6.4	19.9	587.9	587.9	19.9	6.4	3.6	2.8	1.5	0.7				
-10	0.3	0.6	1.2	2.5	3.5	5.0	10.1	20.1	20.1	10.1	5.0	3.5	2.5	1.2	0.6	0.3			
-20		0.5	0.9	2.0	3.2	3.8	5.1	6.8	6.8	5.1	3.8	3.2	2.0	0.9	0.5				
-30	0.1	0.3	0.7	1.4	2.6	3.5	3.9	4.2	4.2	3.9	3.5	2.6	1.4	0.7	0.3	0.1			
-40		0.2	0.5	0.9	1.7	2.5	3.2	3.8	3.8	3.2	2.5	1.7	0.9	0.5	0.2				
-50	0.0	0.1	0.3	0.6	1.0	1.3	1.7	2.4	2.4	1.7	1.3	1.0	0.6	0.3	0.1	0.0			
-60		0.1	0.2	0.3	0.5	0.6	1.0	1.8	1.8	1.0	0.6	0.5	0.3	0.2	0.1				
-70	0.0	0.1	0.2	0.3	0.5	0.6	1.0	1.8	1.8	1.0	0.6	0.5	0.3	0.2	0.1	0.0			
-80		0.1	0.2	0.3	0.5	0.6	1.0	1.8	1.8	1.0	0.6	0.5	0.3	0.2	0.1				
-90	0.0	0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0										

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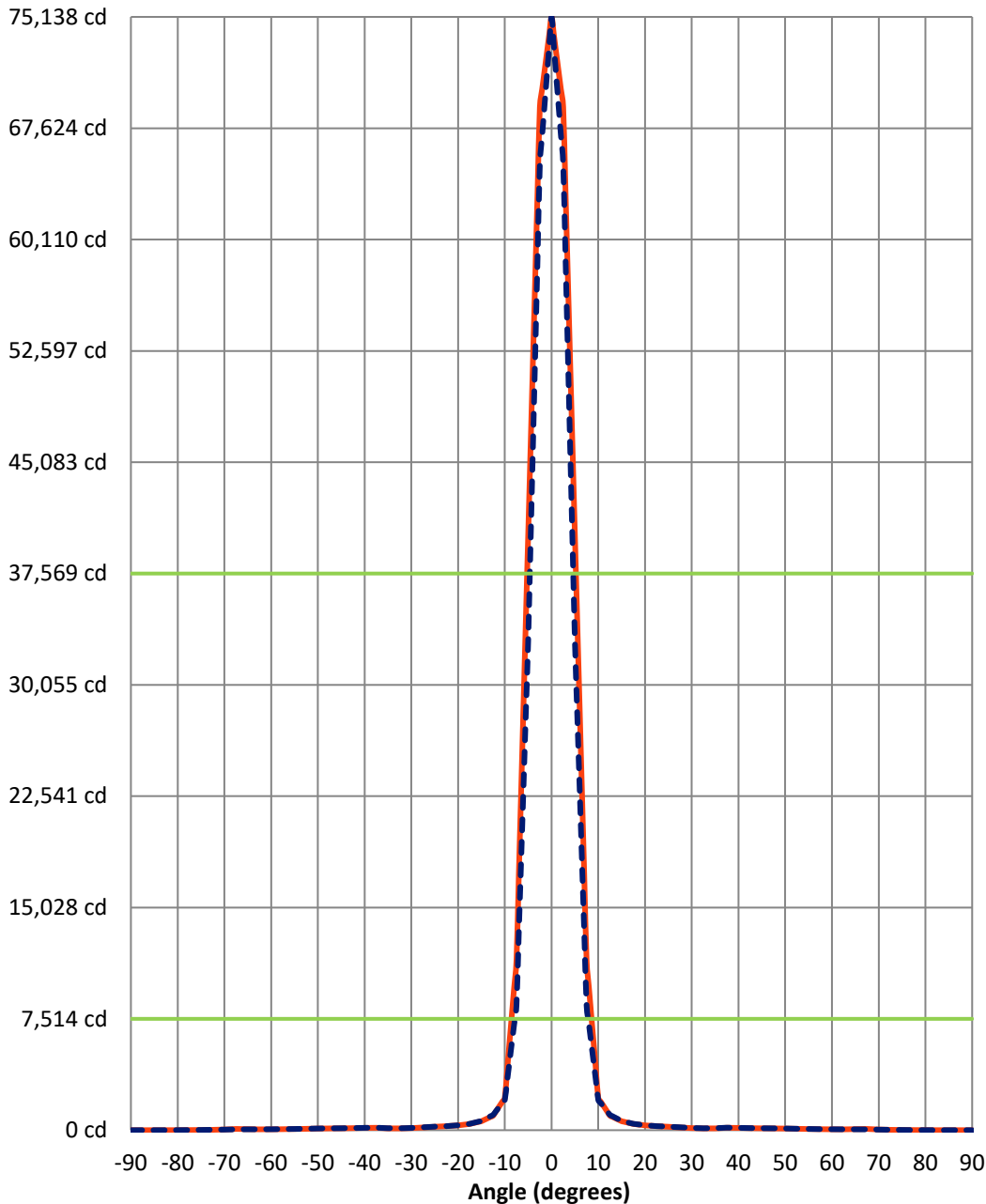
Luminous Intensity Polar Plot



— 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: 1254.2
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 2161.5
 Efficiency: 73.9%

Spill:
 Lumens: 764.5
 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	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	1.2	1.3
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.3	1.5	1.7
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.3	1.6	1.9	2.3
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.2	1.6	2.0	2.6	3.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.5	2.0	2.6	3.3	3.9
62.5°	0.0	0.4	0.8	0.9	0.9	1.3	1.9	2.5	3.3	4.0	5.0
60°	0.0	0.4	0.9	0.9	0.9	1.6	2.2	3.1	3.9	5.1	6.2
57.5°	0.0	0.5	0.9	0.9	1.1	1.9	2.7	3.7	4.9	6.2	7.5
55°	0.0	0.5	0.9	0.9	1.3	2.1	3.3	4.3	5.9	7.3	8.9
52.5°	0.0	0.5	0.9	0.9	1.6	2.4	3.9	5.3	6.9	8.7	10.3
50°	0.0	0.6	0.9	0.9	1.8	3.0	4.5	6.3	7.9	10.0	12.0
47.5°	0.0	0.6	0.9	0.9	2.0	3.5	5.2	7.4	9.2	11.4	13.8
45°	0.0	0.6	0.9	1.1	2.2	4.1	6.2	8.5	10.6	13.1	15.6
42.5°	0.0	0.7	1.0	1.3	2.4	4.6	7.1	9.7	12.2	14.8	17.8
40°	0.0	0.7	1.0	1.4	2.7	5.1	8.1	11.1	13.9	16.6	20.2
37.5°	0.0	0.7	1.0	1.5	3.1	5.7	9.1	12.5	15.8	18.9	22.6
35°	0.0	0.7	1.0	1.7	3.6	6.4	10.1	14.0	17.7	21.5	25.0
32.5°	0.0	0.8	1.0	1.8	4.0	7.2	11.2	15.4	19.6	24.3	27.9
30°	0.0	0.8	1.0	1.9	4.3	7.9	12.3	16.9	21.6	27.1	31.2
27.5°	0.0	0.8	1.1	2.0	4.6	8.7	13.5	18.5	23.7	30.1	34.8
25°	0.0	0.8	1.1	2.0	4.8	9.4	14.6	20.1	26.1	33.1	38.7
22.5°	0.0	0.8	1.1	2.1	4.9	10.0	15.8	21.7	28.5	36.3	42.1
20°	0.0	0.8	1.1	2.1	5.0	10.2	16.8	23.2	30.9	39.6	45.4
17.5°	0.0	0.9	1.2	2.2	5.1	10.4	17.4	24.7	33.2	43.0	48.6
15°	0.0	0.9	1.2	2.2	5.1	10.4	17.6	25.8	35.5	46.5	51.7
12.5°	0.0	0.9	1.2	2.2	5.1	10.4	17.7	26.3	37.0	50.0	54.8
10°	0.0	0.9	1.2	2.2	5.1	10.3	17.8	26.8	37.7	51.3	57.0
7.5°	0.0	0.9	1.2	2.2	5.0	10.2	17.7	27.2	38.3	52.1	57.4
5°	0.0	0.9	1.3	2.2	5.0	10.0	17.6	27.5	38.7	52.7	57.7
2.5°	0.0	0.9	1.3	2.1	4.8	9.7	17.4	27.7	38.9	53.0	58.0
0°	0.0	0.9	1.3	2.1	4.7	9.4	17.1	27.8	38.9	53.0	58.1
-2.5°	0.0	0.9	1.3	2.1	4.8	9.7	17.4	27.7	38.9	53.0	58.0
-5°	0.0	0.9	1.3	2.2	5.0	10.0	17.6	27.5	38.7	52.7	57.7
-7.5°	0.0	0.9	1.2	2.2	5.0	10.2	17.7	27.2	38.3	52.1	57.4
-10°	0.0	0.9	1.2	2.2	5.1	10.3	17.8	26.8	37.7	51.3	57.0
-12.5°	0.0	0.9	1.2	2.2	5.1	10.4	17.7	26.3	37.0	50.0	54.8
-15°	0.0	0.9	1.2	2.2	5.1	10.4	17.6	25.8	35.5	46.5	51.7
-17.5°	0.0	0.9	1.2	2.2	5.1	10.4	17.4	24.7	33.2	43.0	48.6
-20°	0.0	0.8	1.1	2.1	5.0	10.2	16.8	23.2	30.9	39.6	45.4



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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	0.8	1.1	2.1	4.9	10.0	15.8	21.7	28.5	36.3	42.1
-25°	0.0	0.8	1.1	2.0	4.8	9.4	14.6	20.1	26.1	33.1	38.7
-27.5°	0.0	0.8	1.1	2.0	4.6	8.7	13.5	18.5	23.7	30.1	34.8
-30°	0.0	0.8	1.0	1.9	4.3	7.9	12.3	16.9	21.6	27.1	31.2
-32.5°	0.0	0.8	1.0	1.8	4.0	7.2	11.2	15.4	19.6	24.3	27.9
-35°	0.0	0.7	1.0	1.7	3.6	6.4	10.1	14.0	17.7	21.5	25.0
-37.5°	0.0	0.7	1.0	1.5	3.1	5.7	9.1	12.5	15.8	18.9	22.6
-40°	0.0	0.7	1.0	1.4	2.7	5.1	8.1	11.1	13.9	16.6	20.2
-42.5°	0.0	0.7	1.0	1.3	2.4	4.6	7.1	9.7	12.2	14.8	17.8
-45°	0.0	0.6	0.9	1.1	2.2	4.1	6.2	8.5	10.6	13.1	15.6
-47.5°	0.0	0.6	0.9	0.9	2.0	3.5	5.2	7.4	9.2	11.4	13.8
-50°	0.0	0.6	0.9	0.9	1.8	3.0	4.5	6.3	7.9	10.0	12.0
-52.5°	0.0	0.5	0.9	0.9	1.6	2.4	3.9	5.3	6.9	8.7	10.3
-55°	0.0	0.5	0.9	0.9	1.3	2.1	3.3	4.3	5.9	7.3	8.9
-57.5°	0.0	0.5	0.9	0.9	1.1	1.9	2.7	3.7	4.9	6.2	7.5
-60°	0.0	0.4	0.9	0.9	0.9	1.6	2.2	3.1	3.9	5.1	6.2
-62.5°	0.0	0.4	0.8	0.9	0.9	1.3	1.9	2.5	3.3	4.0	5.0
-65°	0.0	0.4	0.8	0.9	0.9	1.0	1.5	2.0	2.6	3.3	3.9
-67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.2	1.6	2.0	2.6	3.1
-70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.3	1.6	1.9	2.3
-72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.3	1.5	1.7
-75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	1.2	1.3
-77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
-80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
-82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
-85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	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-SA1C-940-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	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
82.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2
80°	0.9	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	2.0
77.5°	1.1	1.3	1.4	1.6	1.8	2.1	2.4	2.6	2.9	3.2	3.6
75°	1.5	1.7	2.1	2.6	3.0	3.3	3.6	4.1	4.7	5.3	5.9
72.5°	2.0	2.6	3.1	3.7	4.4	5.0	5.6	6.2	7.1	8.1	8.9
70°	2.8	3.4	4.3	5.3	6.2	7.0	8.2	9.6	11.0	11.7	12.2
67.5°	3.6	4.6	5.7	6.9	8.2	9.5	11.2	12.7	14.1	14.6	15.2
65°	4.7	5.9	7.2	8.7	10.1	11.7	13.4	15.0	16.5	17.3	18.2
62.5°	5.8	7.2	8.8	10.4	12.0	13.7	15.7	17.4	18.7	20.2	22.0
60°	7.2	8.6	10.3	12.1	14.0	16.4	18.3	20.2	22.0	23.7	26.4
57.5°	8.6	9.9	11.8	13.9	16.5	19.3	21.6	23.6	26.0	28.4	31.2
55°	10.1	11.3	13.5	16.1	19.0	22.3	25.0	27.8	30.5	32.7	35.2
52.5°	11.9	12.9	15.2	18.2	21.7	25.4	28.9	31.8	34.4	36.8	39.6
50°	13.7	15.1	16.9	20.5	24.4	28.5	32.6	35.5	38.4	41.3	44.3
47.5°	15.8	17.3	18.9	22.8	27.2	31.4	35.6	39.3	42.5	46.4	49.9
45°	18.1	19.9	21.7	25.3	29.7	34.0	38.7	43.2	47.7	52.2	57.9
42.5°	20.6	22.6	24.7	27.5	32.0	36.8	41.8	47.7	53.4	59.8	67.2
40°	23.0	25.2	27.8	30.3	34.2	39.6	45.6	52.3	60.4	68.6	77.5
37.5°	25.3	27.9	30.6	33.2	36.7	42.7	49.4	58.0	67.7	78.0	89.5
35°	27.6	30.4	33.2	36.3	40.2	46.1	54.3	64.0	75.7	88.8	99.2
32.5°	29.9	32.9	35.7	39.4	44.3	50.2	59.0	71.2	84.7	98.0	105.0
30°	32.7	35.1	38.2	42.4	48.2	55.8	65.3	78.5	93.9	103.0	109.4
27.5°	36.4	37.3	40.8	45.7	52.3	61.3	73.2	86.8	99.5	107.5	113.3
25°	40.1	41.0	43.2	49.0	57.1	67.8	81.2	96.7	104.2	111.0	117.7
22.5°	43.6	44.5	47.3	52.2	61.8	74.4	89.9	103.5	110.7	115.0	122.3
20°	46.9	48.4	51.8	57.4	66.7	80.7	98.4	109.9	116.7	121.9	128.6
17.5°	50.1	52.1	56.4	63.1	73.5	87.7	106.2	116.2	122.9	127.8	136.2
15°	53.2	55.8	60.7	68.5	79.8	95.2	111.3	121.4	128.6	133.4	143.2
12.5°	56.2	59.4	64.9	73.4	85.5	101.8	115.7	124.7	131.9	139.3	149.4
10°	59.1	62.8	68.9	78.0	90.6	107.5	119.4	127.4	134.6	144.1	154.5
7.5°	59.5	64.6	72.1	82.3	95.1	112.3	122.4	129.5	137.3	148.4	159.2
5°	59.5	64.4	72.3	83.4	97.3	115.1	124.5	131.1	139.9	152.2	163.3
2.5°	59.5	64.1	72.4	83.8	97.8	115.4	124.8	131.6	141.4	156.0	167.2
0°	59.4	63.7	72.2	83.8	97.9	115.0	124.8	131.7	142.3	159.4	170.6
-2.5°	59.5	64.1	72.4	83.8	97.8	115.4	124.8	131.6	141.4	156.0	167.2
-5°	59.5	64.4	72.3	83.4	97.3	115.1	124.5	131.1	139.9	152.2	163.3
-7.5°	59.5	64.6	72.1	82.3	95.1	112.3	122.4	129.5	137.3	148.4	159.2
-10°	59.1	62.8	68.9	78.0	90.6	107.5	119.4	127.4	134.6	144.1	154.5
-12.5°	56.2	59.4	64.9	73.4	85.5	101.8	115.7	124.7	131.9	139.3	149.4
-15°	53.2	55.8	60.7	68.5	79.8	95.2	111.3	121.4	128.6	133.4	143.2
-17.5°	50.1	52.1	56.4	63.1	73.5	87.7	106.2	116.2	122.9	127.8	136.2
-20°	46.9	48.4	51.8	57.4	66.7	80.7	98.4	109.9	116.7	121.9	128.6



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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°	43.6	44.5	47.3	52.2	61.8	74.4	89.9	103.5	110.7	115.0	122.3
-25°	40.1	41.0	43.2	49.0	57.1	67.8	81.2	96.7	104.2	111.0	117.7
-27.5°	36.4	37.3	40.8	45.7	52.3	61.3	73.2	86.8	99.5	107.5	113.3
-30°	32.7	35.1	38.2	42.4	48.2	55.8	65.3	78.5	93.9	103.0	109.4
-32.5°	29.9	32.9	35.7	39.4	44.3	50.2	59.0	71.2	84.7	98.0	105.0
-35°	27.6	30.4	33.2	36.3	40.2	46.1	54.3	64.0	75.7	88.8	99.2
-37.5°	25.3	27.9	30.6	33.2	36.7	42.7	49.4	58.0	67.7	78.0	89.5
-40°	23.0	25.2	27.8	30.3	34.2	39.6	45.6	52.3	60.4	68.6	77.5
-42.5°	20.6	22.6	24.7	27.5	32.0	36.8	41.8	47.7	53.4	59.8	67.2
-45°	18.1	19.9	21.7	25.3	29.7	34.0	38.7	43.2	47.7	52.2	57.9
-47.5°	15.8	17.3	18.9	22.8	27.2	31.4	35.6	39.3	42.5	46.4	49.9
-50°	13.7	15.1	16.9	20.5	24.4	28.5	32.6	35.5	38.4	41.3	44.3
-52.5°	11.9	12.9	15.2	18.2	21.7	25.4	28.9	31.8	34.4	36.8	39.6
-55°	10.1	11.3	13.5	16.1	19.0	22.3	25.0	27.8	30.5	32.7	35.2
-57.5°	8.6	9.9	11.8	13.9	16.5	19.3	21.6	23.6	26.0	28.4	31.2
-60°	7.2	8.6	10.3	12.1	14.0	16.4	18.3	20.2	22.0	23.7	26.4
-62.5°	5.8	7.2	8.8	10.4	12.0	13.7	15.7	17.4	18.7	20.2	22.0
-65°	4.7	5.9	7.2	8.7	10.1	11.7	13.4	15.0	16.5	17.3	18.2
-67.5°	3.6	4.6	5.7	6.9	8.2	9.5	11.2	12.7	14.1	14.6	15.2
-70°	2.8	3.4	4.3	5.3	6.2	7.0	8.2	9.6	11.0	11.7	12.2
-72.5°	2.0	2.6	3.1	3.7	4.4	5.0	5.6	6.2	7.1	8.1	8.9
-75°	1.5	1.7	2.1	2.6	3.0	3.3	3.6	4.1	4.7	5.3	5.9
-77.5°	1.1	1.3	1.4	1.6	1.8	2.1	2.4	2.6	2.9	3.2	3.6
-80°	0.9	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	2.0
-82.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2
-85°	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-87.5°	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	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



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
82.5°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.7
80°	2.3	2.4	2.6	2.7	2.8	3.1	3.4	3.8	4.3	4.4	4.5
77.5°	4.0	4.3	4.5	4.7	4.8	5.5	6.3	7.2	8.2	8.6	9.0
75°	6.5	6.8	7.1	7.2	7.4	8.4	9.9	11.5	13.1	14.0	14.6
72.5°	9.4	9.7	9.9	10.1	10.3	11.8	14.5	17.5	20.6	22.5	23.9
70°	12.5	12.8	13.1	13.3	13.5	15.3	19.3	23.4	27.7	32.0	36.6
67.5°	15.8	16.5	16.9	17.1	17.3	18.8	23.1	27.0	30.6	38.4	50.6
65°	19.4	21.0	21.7	22.1	22.3	23.0	26.6	29.9	32.8	38.9	48.2
62.5°	24.0	26.2	27.2	27.6	27.9	28.0	30.9	33.6	36.2	39.9	45.9
60°	28.9	31.3	32.5	32.9	33.1	33.2	35.5	38.2	40.8	43.9	49.4
57.5°	33.5	35.7	37.5	38.2	38.8	39.2	41.3	44.5	47.4	50.5	56.5
55°	37.8	40.5	43.0	44.4	45.7	46.9	48.9	53.0	56.8	60.4	66.6
52.5°	42.5	45.9	49.3	51.9	54.3	56.5	58.7	63.9	69.0	73.8	79.9
50°	48.2	52.4	57.3	61.4	65.0	68.5	71.7	77.8	84.7	91.3	97.6
47.5°	55.3	60.9	67.2	73.0	77.9	83.3	88.2	94.6	100.7	106.8	112.0
45°	64.1	71.8	79.0	86.9	93.8	97.3	100.2	104.1	110.4	116.4	121.3
42.5°	75.3	84.3	93.2	99.0	103.4	106.4	108.4	110.6	117.1	122.9	127.6
40°	87.8	96.7	102.3	107.1	110.1	112.7	116.0	119.2	124.4	130.3	135.6
37.5°	98.6	104.4	109.2	113.0	116.7	120.1	124.8	129.5	134.4	141.0	145.9
35°	105.3	110.3	115.3	120.0	124.7	130.0	135.9	142.7	148.7	143.2	135.3
32.5°	110.3	115.6	121.5	128.8	135.3	142.6	149.9	138.1	125.9	121.2	122.2
30°	114.7	120.8	129.0	138.4	147.6	144.3	128.2	122.5	124.2	127.5	133.9
27.5°	119.5	127.0	136.9	148.6	141.5	123.6	124.6	127.8	138.9	148.3	162.6
25°	125.1	134.2	146.5	141.1	124.8	126.5	134.8	147.3	168.4	188.1	205.2
22.5°	131.9	143.4	145.1	124.8	127.0	137.9	154.7	181.8	207.4	231.1	248.8
20°	138.7	152.1	131.5	127.2	136.7	156.1	187.3	218.4	247.0	268.2	286.0
17.5°	146.9	142.2	127.7	132.2	151.5	184.9	220.0	253.0	279.9	316.7	348.0
15°	154.1	132.7	130.0	145.1	174.0	211.6	249.8	279.4	328.1	380.7	434.0
12.5°	150.0	129.3	134.2	156.5	194.5	235.2	268.9	315.8	380.2	457.2	572.8
10°	143.9	131.2	143.1	172.3	212.1	251.7	286.8	348.2	433.2	574.5	756.5
7.5°	139.2	132.1	149.0	184.5	225.2	261.7	308.4	382.9	501.4	695.3	1082.8
5°	135.6	132.1	151.7	191.5	233.0	268.6	321.8	408.1	568.3	844.5	1506.7
2.5°	134.0	131.4	152.5	195.3	236.7	272.4	330.1	426.3	610.5	983.0	1981.2
0°	135.1	129.9	152.2	196.6	238.9	271.9	331.3	431.7	623.2	1034.2	2044.9
-2.5°	134.0	131.4	152.5	195.3	236.7	272.4	330.1	426.3	610.5	983.0	1981.2
-5°	135.6	132.1	151.7	191.5	233.0	268.6	321.8	408.1	568.3	844.5	1506.7
-7.5°	139.2	132.1	149.0	184.5	225.2	261.7	308.4	382.9	501.4	695.3	1082.8
-10°	143.9	131.2	143.1	172.3	212.1	251.7	286.8	348.2	433.2	574.5	756.5
-12.5°	150.0	129.3	134.2	156.5	194.5	235.2	268.9	315.8	380.2	457.2	572.8
-15°	154.1	132.7	130.0	145.1	174.0	211.6	249.8	279.4	328.1	380.7	434.0
-17.5°	146.9	142.2	127.7	132.2	151.5	184.9	220.0	253.0	279.9	316.7	348.0
-20°	138.7	152.1	131.5	127.2	136.7	156.1	187.3	218.4	247.0	268.2	286.0



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	131.9	143.4	145.1	124.8	127.0	137.9	154.7	181.8	207.4	231.1	248.8
-25°	125.1	134.2	146.5	141.1	124.8	126.5	134.8	147.3	168.4	188.1	205.2
-27.5°	119.5	127.0	136.9	148.6	141.5	123.6	124.6	127.8	138.9	148.3	162.6
-30°	114.7	120.8	129.0	138.4	147.6	144.3	128.2	122.5	124.2	127.5	133.9
-32.5°	110.3	115.6	121.5	128.8	135.3	142.6	149.9	138.1	125.9	121.2	122.2
-35°	105.3	110.3	115.3	120.0	124.7	130.0	135.9	142.7	148.7	143.2	135.3
-37.5°	98.6	104.4	109.2	113.0	116.7	120.1	124.8	129.5	134.4	141.0	145.9
-40°	87.8	96.7	102.3	107.1	110.1	112.7	116.0	119.2	124.4	130.3	135.6
-42.5°	75.3	84.3	93.2	99.0	103.4	106.4	108.4	110.6	117.1	122.9	127.6
-45°	64.1	71.8	79.0	86.9	93.8	97.3	100.2	104.1	110.4	116.4	121.3
-47.5°	55.3	60.9	67.2	73.0	77.9	83.3	88.2	94.6	100.7	106.8	112.0
-50°	48.2	52.4	57.3	61.4	65.0	68.5	71.7	77.8	84.7	91.3	97.6
-52.5°	42.5	45.9	49.3	51.9	54.3	56.5	58.7	63.9	69.0	73.8	79.9
-55°	37.8	40.5	43.0	44.4	45.7	46.9	48.9	53.0	56.8	60.4	66.6
-57.5°	33.5	35.7	37.5	38.2	38.8	39.2	41.3	44.5	47.4	50.5	56.5
-60°	28.9	31.3	32.5	32.9	33.1	33.2	35.5	38.2	40.8	43.9	49.4
-62.5°	24.0	26.2	27.2	27.6	27.9	28.0	30.9	33.6	36.2	39.9	45.9
-65°	19.4	21.0	21.7	22.1	22.3	23.0	26.6	29.9	32.8	38.9	48.2
-67.5°	15.8	16.5	16.9	17.1	17.3	18.8	23.1	27.0	30.6	38.4	50.6
-70°	12.5	12.8	13.1	13.3	13.5	15.3	19.3	23.4	27.7	32.0	36.6
-72.5°	9.4	9.7	9.9	10.1	10.3	11.8	14.5	17.5	20.6	22.5	23.9
-75°	6.5	6.8	7.1	7.2	7.4	8.4	9.9	11.5	13.1	14.0	14.6
-77.5°	4.0	4.3	4.5	4.7	4.8	5.5	6.3	7.2	8.2	8.6	9.0
-80°	2.3	2.4	2.6	2.7	2.8	3.1	3.4	3.8	4.3	4.4	4.5
-82.5°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.7
-85°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
-87.5°	0.3	0.3	0.3	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: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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°	0.4	0.4	0.4	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	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
80°	4.6	4.7	4.5	4.3	4.5	4.7	4.6	4.5	4.4	4.3	3.8
77.5°	9.4	9.7	9.4	9.0	9.4	9.7	9.4	9.0	8.6	8.2	7.2
75°	15.1	15.6	15.4	15.0	15.4	15.6	15.1	14.6	14.0	13.1	11.5
72.5°	25.3	26.5	26.2	25.6	26.2	26.5	25.3	23.9	22.5	20.6	17.5
70°	41.4	46.2	46.1	44.9	46.1	46.2	41.4	36.6	32.0	27.7	23.4
67.5°	63.9	77.7	82.0	84.2	82.0	77.7	63.9	50.6	38.4	30.6	27.0
65°	56.9	65.3	68.5	71.0	68.5	65.3	56.9	48.2	38.9	32.8	29.9
62.5°	51.2	56.1	57.2	57.3	57.2	56.1	51.2	45.9	39.9	36.2	33.6
60°	54.8	60.0	60.8	59.8	60.8	60.0	54.8	49.4	43.9	40.8	38.2
57.5°	62.2	67.7	68.7	67.5	68.7	67.7	62.2	56.5	50.5	47.4	44.5
55°	72.5	78.1	79.9	79.5	79.9	78.1	72.5	66.6	60.4	56.8	53.0
52.5°	85.6	90.7	92.8	92.8	92.8	90.7	85.6	79.9	73.8	69.0	63.9
50°	103.1	107.7	110.0	110.3	110.0	107.7	103.1	97.6	91.3	84.7	77.8
47.5°	115.7	118.7	120.3	120.5	120.3	118.7	115.7	112.0	106.8	100.7	94.6
45°	123.5	125.1	126.4	127.4	126.4	125.1	123.5	121.3	116.4	110.4	104.1
42.5°	130.8	134.2	136.7	137.2	136.7	134.2	130.8	127.6	122.9	117.1	110.6
40°	140.6	145.2	149.7	154.3	149.7	145.2	140.6	135.6	130.3	124.4	119.2
37.5°	151.0	156.2	160.5	162.9	160.5	156.2	151.0	145.9	141.0	134.4	129.5
35°	129.7	126.3	124.3	123.5	124.3	126.3	129.7	135.3	143.2	148.7	142.7
32.5°	122.8	123.1	122.7	121.8	122.7	123.1	122.8	122.2	121.2	125.9	138.1
30°	138.7	140.9	141.2	141.1	141.2	140.9	138.7	133.9	127.5	124.2	122.5
27.5°	173.1	178.9	180.7	184.2	180.7	178.9	173.1	162.6	148.3	138.9	127.8
25°	218.5	227.2	231.4	233.0	231.4	227.2	218.5	205.2	188.1	168.4	147.3
22.5°	258.9	265.6	269.4	272.7	269.4	265.6	258.9	248.8	231.1	207.4	181.8
20°	306.7	318.9	324.4	324.9	324.4	318.9	306.7	286.0	268.2	247.0	218.4
17.5°	381.4	405.0	416.9	420.2	416.9	405.0	381.4	348.0	316.7	279.9	253.0
15°	499.3	559.5	590.6	605.3	590.6	559.5	499.3	434.0	380.7	328.1	279.4
12.5°	691.4	827.4	937.4	978.9	937.4	827.4	691.4	572.8	457.2	380.2	315.8
10°	1072.3	1478.4	1953.0	2174.4	1953.0	1478.4	1072.3	756.5	574.5	433.2	348.2
7.5°	2074.3	4816.3	9334.8	11490.2	9334.8	4816.3	2074.3	1082.8	695.3	501.4	382.9
5°	4421.6	19082.1	34173.5	40139.7	34173.5	19082.1	4421.6	1506.7	844.5	568.3	408.1
2.5°	7042.6	31297.0	59052.4	69049.6	59052.4	31297.0	7042.6	1981.2	983.0	610.5	426.3
0°	8414.5	32981.3	65163.1	75138.1	65163.1	32981.3	8414.5	2044.9	1034.2	623.2	431.7
-2.5°	7042.6	31297.0	59052.4	69049.5	59052.4	31297.0	7042.6	1981.2	983.0	610.5	426.3
-5°	4421.6	19082.1	34173.5	40139.7	34173.5	19082.1	4421.6	1506.7	844.5	568.3	408.1
-7.5°	2074.3	4816.3	9334.8	11490.2	9334.8	4816.3	2074.3	1082.8	695.3	501.4	382.9
-10°	1072.3	1478.4	1953.0	2174.4	1953.0	1478.4	1072.3	756.5	574.5	433.2	348.2
-12.5°	691.4	827.4	937.4	978.9	937.4	827.4	691.4	572.8	457.2	380.2	315.8
-15°	499.3	559.5	590.6	605.3	590.6	559.5	499.3	434.0	380.7	328.1	279.4
-17.5°	381.4	405.0	416.9	420.2	416.9	405.0	381.4	348.0	316.7	279.9	253.0
-20°	306.7	318.9	324.4	324.9	324.4	318.9	306.7	286.0	268.2	247.0	218.4



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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°	258.9	265.6	269.4	272.7	269.4	265.6	258.9	248.8	231.1	207.4	181.8
-25°	218.5	227.2	231.4	233.0	231.4	227.2	218.5	205.2	188.1	168.4	147.3
-27.5°	173.1	178.9	180.7	184.2	180.7	178.9	173.1	162.6	148.3	138.9	127.8
-30°	138.7	140.9	141.2	141.1	141.2	140.9	138.7	133.9	127.5	124.2	122.5
-32.5°	122.8	123.1	122.7	121.8	122.7	123.1	122.8	122.2	121.2	125.9	138.1
-35°	129.7	126.3	124.3	123.5	124.3	126.3	129.7	135.3	143.2	148.7	142.7
-37.5°	151.0	156.2	160.5	162.9	160.5	156.2	151.0	145.9	141.0	134.4	129.5
-40°	140.6	145.2	149.7	154.3	149.7	145.2	140.6	135.6	130.3	124.4	119.2
-42.5°	130.8	134.2	136.7	137.2	136.7	134.2	130.8	127.6	122.9	117.1	110.6
-45°	123.5	125.1	126.4	127.4	126.4	125.1	123.5	121.3	116.4	110.4	104.1
-47.5°	115.7	118.7	120.3	120.5	120.3	118.7	115.7	112.0	106.8	100.7	94.6
-50°	103.1	107.7	110.0	110.3	110.0	107.7	103.1	97.6	91.3	84.7	77.8
-52.5°	85.6	90.7	92.8	92.8	92.8	90.7	85.6	79.9	73.8	69.0	63.9
-55°	72.5	78.1	79.9	79.5	79.9	78.1	72.5	66.6	60.4	56.8	53.0
-57.5°	62.2	67.7	68.7	67.5	68.7	67.7	62.2	56.5	50.5	47.4	44.5
-60°	54.8	60.0	60.8	59.8	60.8	60.0	54.8	49.4	43.9	40.8	38.2
-62.5°	51.2	56.1	57.2	57.3	57.2	56.1	51.2	45.9	39.9	36.2	33.6
-65°	56.9	65.3	68.5	71.0	68.5	65.3	56.9	48.2	38.9	32.8	29.9
-67.5°	63.9	77.7	82.0	84.2	82.0	77.7	63.9	50.6	38.4	30.6	27.0
-70°	41.4	46.2	46.1	44.9	46.1	46.2	41.4	36.6	32.0	27.7	23.4
-72.5°	25.3	26.5	26.2	25.6	26.2	26.5	25.3	23.9	22.5	20.6	17.5
-75°	15.1	15.6	15.4	15.0	15.4	15.6	15.1	14.6	14.0	13.1	11.5
-77.5°	9.4	9.7	9.4	9.0	9.4	9.7	9.4	9.0	8.6	8.2	7.2
-80°	4.6	4.7	4.5	4.3	4.5	4.7	4.6	4.5	4.4	4.3	3.8
-82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.4	0.4	0.4	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: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
82.5°	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0
80°	3.4	3.1	2.8	2.7	2.6	2.4	2.3	2.0	1.8	1.7	1.6
77.5°	6.3	5.5	4.8	4.7	4.5	4.3	4.0	3.6	3.2	2.9	2.6
75°	9.9	8.4	7.4	7.2	7.1	6.8	6.5	5.9	5.3	4.7	4.1
72.5°	14.5	11.8	10.3	10.1	9.9	9.7	9.4	8.9	8.1	7.1	6.2
70°	19.3	15.3	13.5	13.3	13.1	12.8	12.5	12.2	11.7	11.0	9.6
67.5°	23.1	18.8	17.3	17.1	16.9	16.5	15.8	15.2	14.6	14.1	12.7
65°	26.6	23.0	22.3	22.1	21.7	21.0	19.4	18.2	17.3	16.5	15.0
62.5°	30.9	28.0	27.9	27.6	27.2	26.2	24.0	22.0	20.2	18.7	17.4
60°	35.5	33.2	33.1	32.9	32.5	31.3	28.9	26.4	23.7	22.0	20.2
57.5°	41.3	39.2	38.8	38.2	37.5	35.7	33.5	31.2	28.4	26.0	23.6
55°	48.9	46.9	45.7	44.4	43.0	40.5	37.8	35.2	32.7	30.5	27.8
52.5°	58.7	56.5	54.3	51.9	49.3	45.9	42.5	39.6	36.8	34.4	31.8
50°	71.7	68.5	65.0	61.4	57.3	52.4	48.2	44.3	41.3	38.4	35.5
47.5°	88.2	83.3	77.9	73.0	67.2	60.9	55.3	49.9	46.4	42.5	39.3
45°	100.2	97.3	93.8	86.9	79.0	71.8	64.1	57.9	52.2	47.7	43.2
42.5°	108.4	106.4	103.4	99.0	93.2	84.3	75.3	67.2	59.8	53.4	47.7
40°	116.0	112.7	110.1	107.1	102.3	96.7	87.8	77.5	68.6	60.4	52.3
37.5°	124.8	120.1	116.7	113.0	109.2	104.4	98.6	89.5	78.0	67.7	58.0
35°	135.9	130.0	124.7	120.0	115.3	110.3	105.3	99.2	88.8	75.7	64.0
32.5°	149.9	142.6	135.3	128.8	121.5	115.6	110.3	105.0	98.0	84.7	71.2
30°	128.2	144.3	147.6	138.4	129.0	120.8	114.7	109.4	103.0	93.9	78.5
27.5°	124.6	123.6	141.5	148.6	136.9	127.0	119.5	113.3	107.5	99.5	86.8
25°	134.8	126.5	124.8	141.1	146.5	134.2	125.1	117.7	111.0	104.2	96.7
22.5°	154.7	137.9	127.0	124.8	145.1	143.4	131.9	122.3	115.0	110.7	103.5
20°	187.3	156.1	136.7	127.2	131.5	152.1	138.7	128.6	121.9	116.7	109.9
17.5°	220.0	184.9	151.5	132.2	127.7	142.2	146.9	136.2	127.8	122.9	116.2
15°	249.8	211.6	174.0	145.1	130.0	132.7	154.1	143.2	133.4	128.6	121.4
12.5°	268.9	235.2	194.5	156.5	134.2	129.3	150.0	149.4	139.3	131.9	124.7
10°	286.8	251.7	212.1	172.3	143.1	131.2	143.9	154.5	144.1	134.6	127.4
7.5°	308.4	261.7	225.2	184.5	149.0	132.1	139.2	159.2	148.4	137.3	129.5
5°	321.8	268.6	233.0	191.5	151.7	132.1	135.6	163.3	152.2	139.9	131.1
2.5°	330.1	272.4	236.7	195.3	152.5	131.4	134.0	167.2	156.0	141.4	131.6
0°	331.3	271.9	238.9	196.6	152.2	129.9	135.1	170.6	159.4	142.3	131.7
-2.5°	330.1	272.4	236.7	195.3	152.5	131.4	134.0	167.2	156.0	141.4	131.6
-5°	321.8	268.6	233.0	191.5	151.7	132.1	135.6	163.3	152.2	139.9	131.1
-7.5°	308.4	261.7	225.2	184.5	149.0	132.1	139.2	159.2	148.4	137.3	129.5
-10°	286.8	251.7	212.1	172.3	143.1	131.2	143.9	154.5	144.1	134.6	127.4
-12.5°	268.9	235.2	194.5	156.5	134.2	129.3	150.0	149.4	139.3	131.9	124.7
-15°	249.8	211.6	174.0	145.1	130.0	132.7	154.1	143.2	133.4	128.6	121.4
-17.5°	220.0	184.9	151.5	132.2	127.7	142.2	146.9	136.2	127.8	122.9	116.2
-20°	187.3	156.1	136.7	127.2	131.5	152.1	138.7	128.6	121.9	116.7	109.9



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	154.7	137.9	127.0	124.8	145.1	143.4	131.9	122.3	115.0	110.7	103.5
-25°	134.8	126.5	124.8	141.1	146.5	134.2	125.1	117.7	111.0	104.2	96.7
-27.5°	124.6	123.6	141.5	148.6	136.9	127.0	119.5	113.3	107.5	99.5	86.8
-30°	128.2	144.3	147.6	138.4	129.0	120.8	114.7	109.4	103.0	93.9	78.5
-32.5°	149.9	142.6	135.3	128.8	121.5	115.6	110.3	105.0	98.0	84.7	71.2
-35°	135.9	130.0	124.7	120.0	115.3	110.3	105.3	99.2	88.8	75.7	64.0
-37.5°	124.8	120.1	116.7	113.0	109.2	104.4	98.6	89.5	78.0	67.7	58.0
-40°	116.0	112.7	110.1	107.1	102.3	96.7	87.8	77.5	68.6	60.4	52.3
-42.5°	108.4	106.4	103.4	99.0	93.2	84.3	75.3	67.2	59.8	53.4	47.7
-45°	100.2	97.3	93.8	86.9	79.0	71.8	64.1	57.9	52.2	47.7	43.2
-47.5°	88.2	83.3	77.9	73.0	67.2	60.9	55.3	49.9	46.4	42.5	39.3
-50°	71.7	68.5	65.0	61.4	57.3	52.4	48.2	44.3	41.3	38.4	35.5
-52.5°	58.7	56.5	54.3	51.9	49.3	45.9	42.5	39.6	36.8	34.4	31.8
-55°	48.9	46.9	45.7	44.4	43.0	40.5	37.8	35.2	32.7	30.5	27.8
-57.5°	41.3	39.2	38.8	38.2	37.5	35.7	33.5	31.2	28.4	26.0	23.6
-60°	35.5	33.2	33.1	32.9	32.5	31.3	28.9	26.4	23.7	22.0	20.2
-62.5°	30.9	28.0	27.9	27.6	27.2	26.2	24.0	22.0	20.2	18.7	17.4
-65°	26.6	23.0	22.3	22.1	21.7	21.0	19.4	18.2	17.3	16.5	15.0
-67.5°	23.1	18.8	17.3	17.1	16.9	16.5	15.8	15.2	14.6	14.1	12.7
-70°	19.3	15.3	13.5	13.3	13.1	12.8	12.5	12.2	11.7	11.0	9.6
-72.5°	14.5	11.8	10.3	10.1	9.9	9.7	9.4	8.9	8.1	7.1	6.2
-75°	9.9	8.4	7.4	7.2	7.1	6.8	6.5	5.9	5.3	4.7	4.1
-77.5°	6.3	5.5	4.8	4.7	4.5	4.3	4.0	3.6	3.2	2.9	2.6
-80°	3.4	3.1	2.8	2.7	2.6	2.4	2.3	2.0	1.8	1.7	1.6
-82.5°	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0
-85°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	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



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.3
85°	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
80°	1.5	1.4	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	2.4	2.1	1.8	1.6	1.4	1.3	1.1	1.0	0.9	0.9	0.9
75°	3.6	3.3	3.0	2.6	2.1	1.7	1.5	1.3	1.2	0.9	0.9
72.5°	5.6	5.0	4.4	3.7	3.1	2.6	2.0	1.7	1.5	1.3	1.0
70°	8.2	7.0	6.2	5.3	4.3	3.4	2.8	2.3	1.9	1.6	1.3
67.5°	11.2	9.5	8.2	6.9	5.7	4.6	3.6	3.1	2.6	2.0	1.6
65°	13.4	11.7	10.1	8.7	7.2	5.9	4.7	3.9	3.3	2.6	2.0
62.5°	15.7	13.7	12.0	10.4	8.8	7.2	5.8	5.0	4.0	3.3	2.5
60°	18.3	16.4	14.0	12.1	10.3	8.6	7.2	6.2	5.1	3.9	3.1
57.5°	21.6	19.3	16.5	13.9	11.8	9.9	8.6	7.5	6.2	4.9	3.7
55°	25.0	22.3	19.0	16.1	13.5	11.3	10.1	8.9	7.3	5.9	4.3
52.5°	28.9	25.4	21.7	18.2	15.2	12.9	11.9	10.3	8.7	6.9	5.3
50°	32.6	28.5	24.4	20.5	16.9	15.1	13.7	12.0	10.0	7.9	6.3
47.5°	35.6	31.4	27.2	22.8	18.9	17.3	15.8	13.8	11.4	9.2	7.4
45°	38.7	34.0	29.7	25.3	21.7	19.9	18.1	15.6	13.1	10.6	8.5
42.5°	41.8	36.8	32.0	27.5	24.7	22.6	20.6	17.8	14.8	12.2	9.7
40°	45.6	39.6	34.2	30.3	27.8	25.2	23.0	20.2	16.6	13.9	11.1
37.5°	49.4	42.7	36.7	33.2	30.6	27.9	25.3	22.6	18.9	15.8	12.5
35°	54.3	46.1	40.2	36.3	33.2	30.4	27.6	25.0	21.5	17.7	14.0
32.5°	59.0	50.2	44.3	39.4	35.7	32.9	29.9	27.9	24.3	19.6	15.4
30°	65.3	55.8	48.2	42.4	38.2	35.1	32.7	31.2	27.1	21.6	16.9
27.5°	73.2	61.3	52.3	45.7	40.8	37.3	36.4	34.8	30.1	23.7	18.5
25°	81.2	67.8	57.1	49.0	43.2	41.0	40.1	38.7	33.1	26.1	20.1
22.5°	89.9	74.4	61.8	52.2	47.3	44.5	43.6	42.1	36.3	28.5	21.7
20°	98.4	80.7	66.7	57.4	51.8	48.4	46.9	45.4	39.6	30.9	23.2
17.5°	106.2	87.7	73.5	63.1	56.4	52.1	50.1	48.6	43.0	33.2	24.7
15°	111.3	95.2	79.8	68.5	60.7	55.8	53.2	51.7	46.5	35.5	25.8
12.5°	115.7	101.8	85.5	73.4	64.9	59.4	56.2	54.8	50.0	37.0	26.3
10°	119.4	107.5	90.6	78.0	68.9	62.8	59.1	57.0	51.3	37.7	26.8
7.5°	122.4	112.3	95.1	82.3	72.1	64.6	59.5	57.4	52.1	38.3	27.2
5°	124.5	115.1	97.3	83.4	72.3	64.4	59.5	57.7	52.7	38.7	27.5
2.5°	124.8	115.4	97.8	83.8	72.4	64.1	59.5	58.0	53.0	38.9	27.7
0°	124.8	115.0	97.9	83.8	72.2	63.7	59.4	58.1	53.0	38.9	27.8
-2.5°	124.8	115.4	97.8	83.8	72.4	64.1	59.5	58.0	53.0	38.9	27.7
-5°	124.5	115.1	97.3	83.4	72.3	64.4	59.5	57.7	52.7	38.7	27.5
-7.5°	122.4	112.3	95.1	82.3	72.1	64.6	59.5	57.4	52.1	38.3	27.2
-10°	119.4	107.5	90.6	78.0	68.9	62.8	59.1	57.0	51.3	37.7	26.8
-12.5°	115.7	101.8	85.5	73.4	64.9	59.4	56.2	54.8	50.0	37.0	26.3
-15°	111.3	95.2	79.8	68.5	60.7	55.8	53.2	51.7	46.5	35.5	25.8
-17.5°	106.2	87.7	73.5	63.1	56.4	52.1	50.1	48.6	43.0	33.2	24.7
-20°	98.4	80.7	66.7	57.4	51.8	48.4	46.9	45.4	39.6	30.9	23.2



REPORT NUMBER: P558553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-940-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°	89.9	74.4	61.8	52.2	47.3	44.5	43.6	42.1	36.3	28.5	21.7
-25°	81.2	67.8	57.1	49.0	43.2	41.0	40.1	38.7	33.1	26.1	20.1
-27.5°	73.2	61.3	52.3	45.7	40.8	37.3	36.4	34.8	30.1	23.7	18.5
-30°	65.3	55.8	48.2	42.4	38.2	35.1	32.7	31.2	27.1	21.6	16.9
-32.5°	59.0	50.2	44.3	39.4	35.7	32.9	29.9	27.9	24.3	19.6	15.4
-35°	54.3	46.1	40.2	36.3	33.2	30.4	27.6	25.0	21.5	17.7	14.0
-37.5°	49.4	42.7	36.7	33.2	30.6	27.9	25.3	22.6	18.9	15.8	12.5
-40°	45.6	39.6	34.2	30.3	27.8	25.2	23.0	20.2	16.6	13.9	11.1
-42.5°	41.8	36.8	32.0	27.5	24.7	22.6	20.6	17.8	14.8	12.2	9.7
-45°	38.7	34.0	29.7	25.3	21.7	19.9	18.1	15.6	13.1	10.6	8.5
-47.5°	35.6	31.4	27.2	22.8	18.9	17.3	15.8	13.8	11.4	9.2	7.4
-50°	32.6	28.5	24.4	20.5	16.9	15.1	13.7	12.0	10.0	7.9	6.3
-52.5°	28.9	25.4	21.7	18.2	15.2	12.9	11.9	10.3	8.7	6.9	5.3
-55°	25.0	22.3	19.0	16.1	13.5	11.3	10.1	8.9	7.3	5.9	4.3
-57.5°	21.6	19.3	16.5	13.9	11.8	9.9	8.6	7.5	6.2	4.9	3.7
-60°	18.3	16.4	14.0	12.1	10.3	8.6	7.2	6.2	5.1	3.9	3.1
-62.5°	15.7	13.7	12.0	10.4	8.8	7.2	5.8	5.0	4.0	3.3	2.5
-65°	13.4	11.7	10.1	8.7	7.2	5.9	4.7	3.9	3.3	2.6	2.0
-67.5°	11.2	9.5	8.2	6.9	5.7	4.6	3.6	3.1	2.6	2.0	1.6
-70°	8.2	7.0	6.2	5.3	4.3	3.4	2.8	2.3	1.9	1.6	1.3
-72.5°	5.6	5.0	4.4	3.7	3.1	2.6	2.0	1.7	1.5	1.3	1.0
-75°	3.6	3.3	3.0	2.6	2.1	1.7	1.5	1.3	1.2	0.9	0.9
-77.5°	2.4	2.1	1.8	1.6	1.4	1.3	1.1	1.0	0.9	0.9	0.9
-80°	1.5	1.4	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9
-82.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
-85°	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.7	0.6	0.5
-87.5°	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.3	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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.2	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.5	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.9	1.3	0.9	0.9	0.8	0.4	0.0
60°	2.2	1.6	0.9	0.9	0.9	0.4	0.0
57.5°	2.7	1.9	1.1	0.9	0.9	0.5	0.0
55°	3.3	2.1	1.3	0.9	0.9	0.5	0.0
52.5°	3.9	2.4	1.6	0.9	0.9	0.5	0.0
50°	4.5	3.0	1.8	0.9	0.9	0.6	0.0
47.5°	5.2	3.5	2.0	0.9	0.9	0.6	0.0
45°	6.2	4.1	2.2	1.1	0.9	0.6	0.0
42.5°	7.1	4.6	2.4	1.3	1.0	0.7	0.0
40°	8.1	5.1	2.7	1.4	1.0	0.7	0.0
37.5°	9.1	5.7	3.1	1.5	1.0	0.7	0.0
35°	10.1	6.4	3.6	1.7	1.0	0.7	0.0
32.5°	11.2	7.2	4.0	1.8	1.0	0.8	0.0
30°	12.3	7.9	4.3	1.9	1.0	0.8	0.0
27.5°	13.5	8.7	4.6	2.0	1.1	0.8	0.0
25°	14.6	9.4	4.8	2.0	1.1	0.8	0.0
22.5°	15.8	10.0	4.9	2.1	1.1	0.8	0.0
20°	16.8	10.2	5.0	2.1	1.1	0.8	0.0
17.5°	17.4	10.4	5.1	2.2	1.2	0.9	0.0
15°	17.6	10.4	5.1	2.2	1.2	0.9	0.0
12.5°	17.7	10.4	5.1	2.2	1.2	0.9	0.0
10°	17.8	10.3	5.1	2.2	1.2	0.9	0.0
7.5°	17.7	10.2	5.0	2.2	1.2	0.9	0.0
5°	17.6	10.0	5.0	2.2	1.3	0.9	0.0
2.5°	17.4	9.7	4.8	2.1	1.3	0.9	0.0
0°	17.1	9.4	4.7	2.1	1.3	0.9	0.0
-2.5°	17.4	9.7	4.8	2.1	1.3	0.9	0.0
-5°	17.6	10.0	5.0	2.2	1.3	0.9	0.0
-7.5°	17.7	10.2	5.0	2.2	1.2	0.9	0.0
-10°	17.8	10.3	5.1	2.2	1.2	0.9	0.0
-12.5°	17.7	10.4	5.1	2.2	1.2	0.9	0.0
-15°	17.6	10.4	5.1	2.2	1.2	0.9	0.0
-17.5°	17.4	10.4	5.1	2.2	1.2	0.9	0.0
-20°	16.8	10.2	5.0	2.1	1.1	0.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.8	10.0	4.9	2.1	1.1	0.8	0.0
-25°	14.6	9.4	4.8	2.0	1.1	0.8	0.0
-27.5°	13.5	8.7	4.6	2.0	1.1	0.8	0.0
-30°	12.3	7.9	4.3	1.9	1.0	0.8	0.0
-32.5°	11.2	7.2	4.0	1.8	1.0	0.8	0.0
-35°	10.1	6.4	3.6	1.7	1.0	0.7	0.0
-37.5°	9.1	5.7	3.1	1.5	1.0	0.7	0.0
-40°	8.1	5.1	2.7	1.4	1.0	0.7	0.0
-42.5°	7.1	4.6	2.4	1.3	1.0	0.7	0.0
-45°	6.2	4.1	2.2	1.1	0.9	0.6	0.0
-47.5°	5.2	3.5	2.0	0.9	0.9	0.6	0.0
-50°	4.5	3.0	1.8	0.9	0.9	0.6	0.0
-52.5°	3.9	2.4	1.6	0.9	0.9	0.5	0.0
-55°	3.3	2.1	1.3	0.9	0.9	0.5	0.0
-57.5°	2.7	1.9	1.1	0.9	0.9	0.5	0.0
-60°	2.2	1.6	0.9	0.9	0.9	0.4	0.0
-62.5°	1.9	1.3	0.9	0.9	0.8	0.4	0.0
-65°	1.5	1.0	0.9	0.9	0.8	0.4	0.0
-67.5°	1.2	0.9	0.9	0.9	0.7	0.3	0.0
-70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
-72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
-75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
-77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
-80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-87.5°	0.2	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)