

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: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558529 (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-927-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

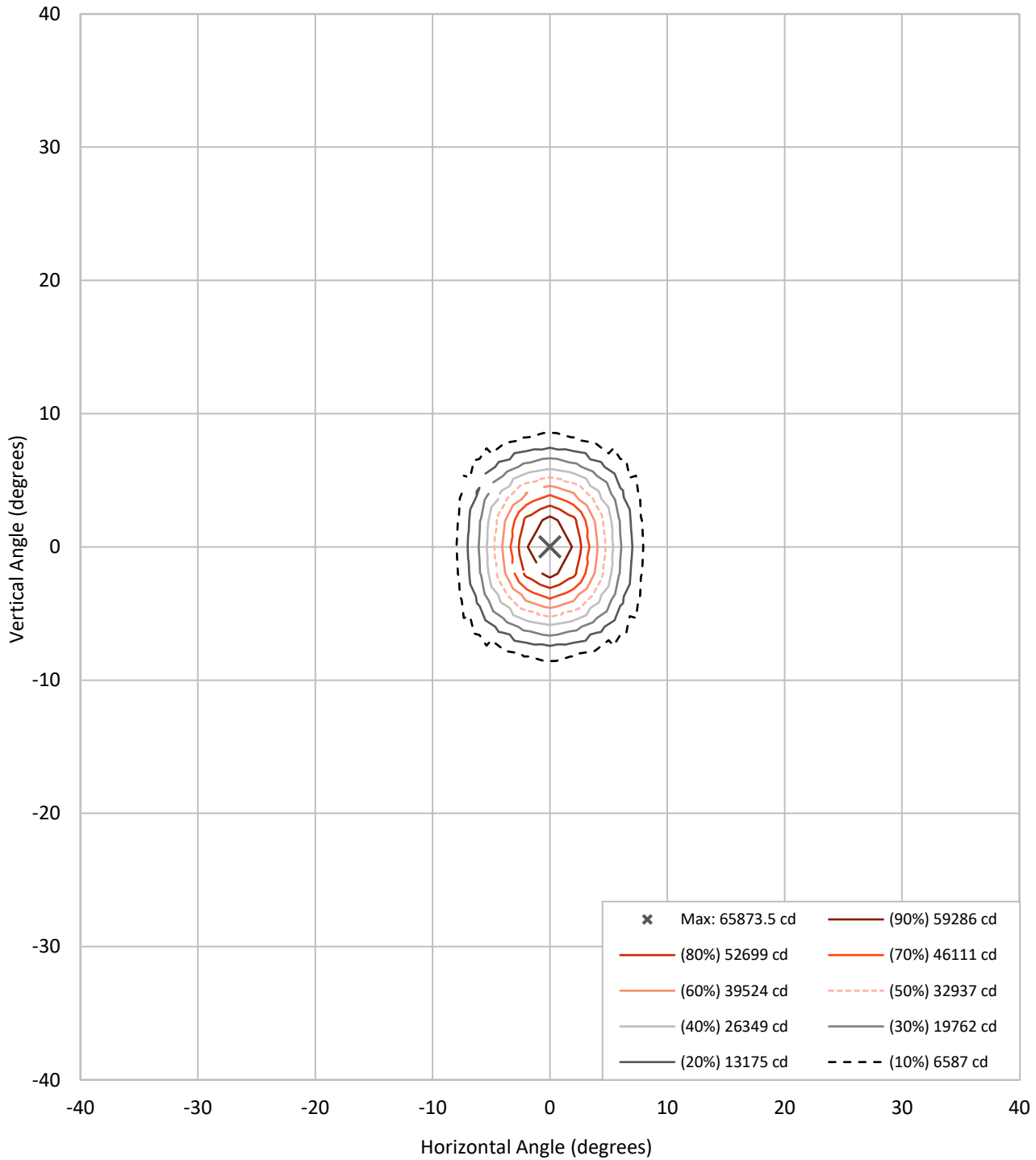
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	2565.2 lumens	Max Intensity:	65873.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1099.5 lumens	Field Lumens:	1895 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: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





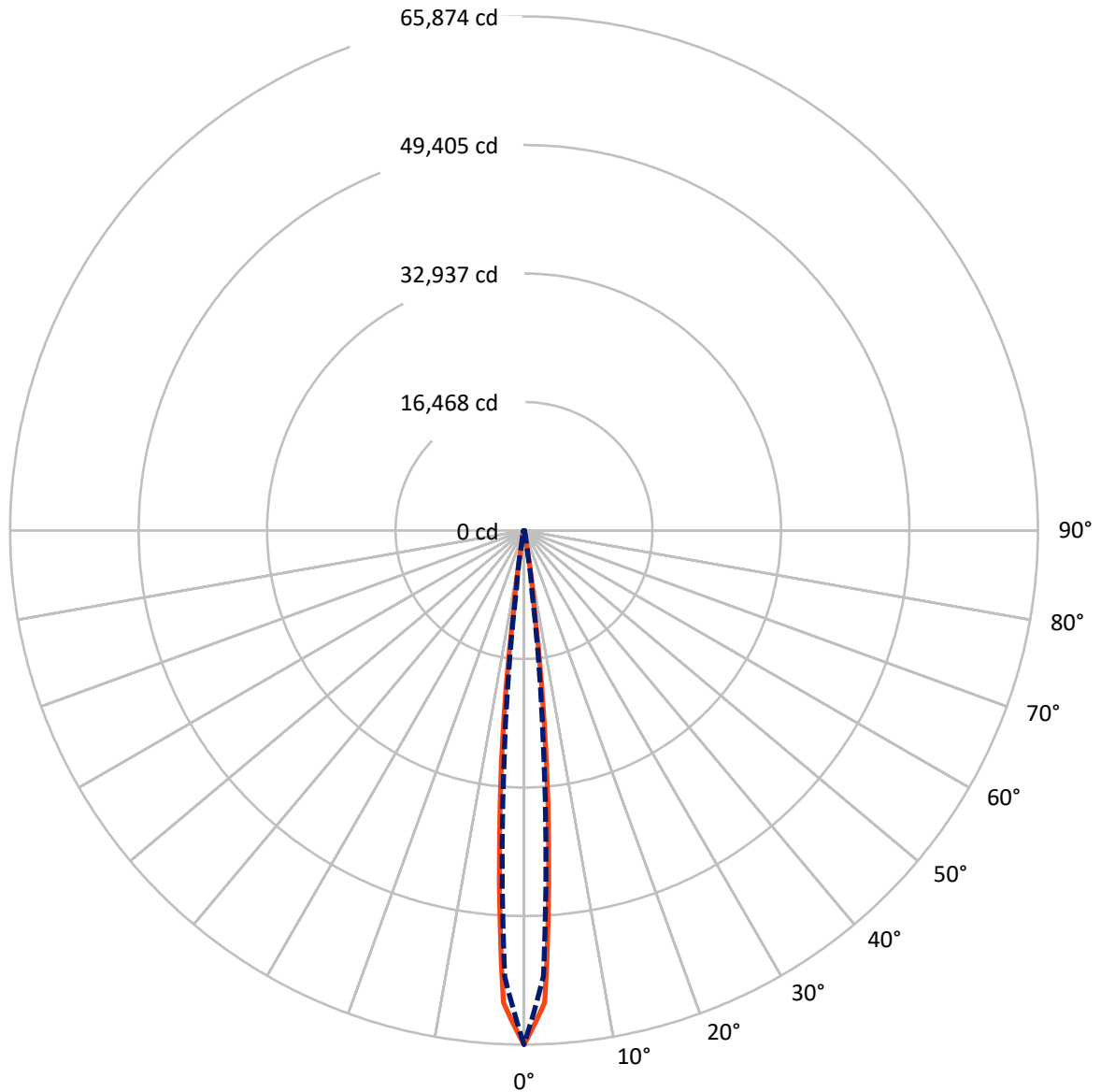
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Lumen Table

90																			
80	0.0	0.1		0.3		0.6		1.1		0.6		0.3		0.1		0.0			
70	0.0	0.0	0.1	0.3	0.4	0.6	0.9	1.6	1.6	0.9	0.6	0.4	0.3	0.1	0.0	0.0			
60		0.1	0.3	0.5	0.8	1.1	1.5	2.1	2.1	1.5	1.1	0.8	0.5	0.3	0.1				
50	0.1	0.2	0.4	0.8	1.4	2.2	2.8	3.3	3.3	2.8	2.2	1.4	0.8	0.4	0.2	0.1			
40		0.3	0.6	1.2	2.3	3.0	3.4	3.6	3.6	3.4	3.0	2.3	1.2	0.6	0.3				
30	0.3	0.4	0.8	1.8	2.8	3.3	4.5	5.9	5.9	4.5	3.3	2.8	1.8	0.8	0.4	0.3			
20		0.6	1.1	2.2	3.1	4.3	8.8	17.6	17.6	8.8	4.3	3.1	2.2	1.1	0.6				
10	0.3	0.6	1.3	2.5	3.2	5.6	17.4	515.4	515.4	17.4	5.6	3.2	2.5	1.3	0.6	0.3			
0		0.6	1.3	2.5	3.2	5.6	17.4	515.4	515.4	17.4	5.6	3.2	2.5	1.3	0.6				
-10	0.3	0.6	1.1	2.2	3.1	4.3	8.8	17.6	17.6	8.8	4.3	3.1	2.2	1.1	0.6	0.3			
-20		0.4	0.8	1.8	2.8	3.3	4.5	5.9	5.9	4.5	3.3	2.8	1.8	0.8	0.4				
-30	0.1	0.3	0.6	1.2	2.3	3.0	3.4	3.6	3.6	3.4	3.0	2.3	1.2	0.6	0.3	0.1			
-40		0.2	0.4	0.8	1.4	2.2	2.8	3.3	3.3	2.8	2.2	1.4	0.8	0.4	0.2				
-50	0.0	0.1	0.3	0.5	0.8	1.1	1.5	2.1	2.1	1.5	1.1	0.8	0.5	0.3	0.1	0.0			
-60		0.0	0.1	0.3	0.4	0.6	0.9	1.6	1.6	0.9	0.6	0.4	0.3	0.1	0.0				
-70																			
-80	0.0	0.1		0.3		0.6		1.1		0.6		0.3		0.1		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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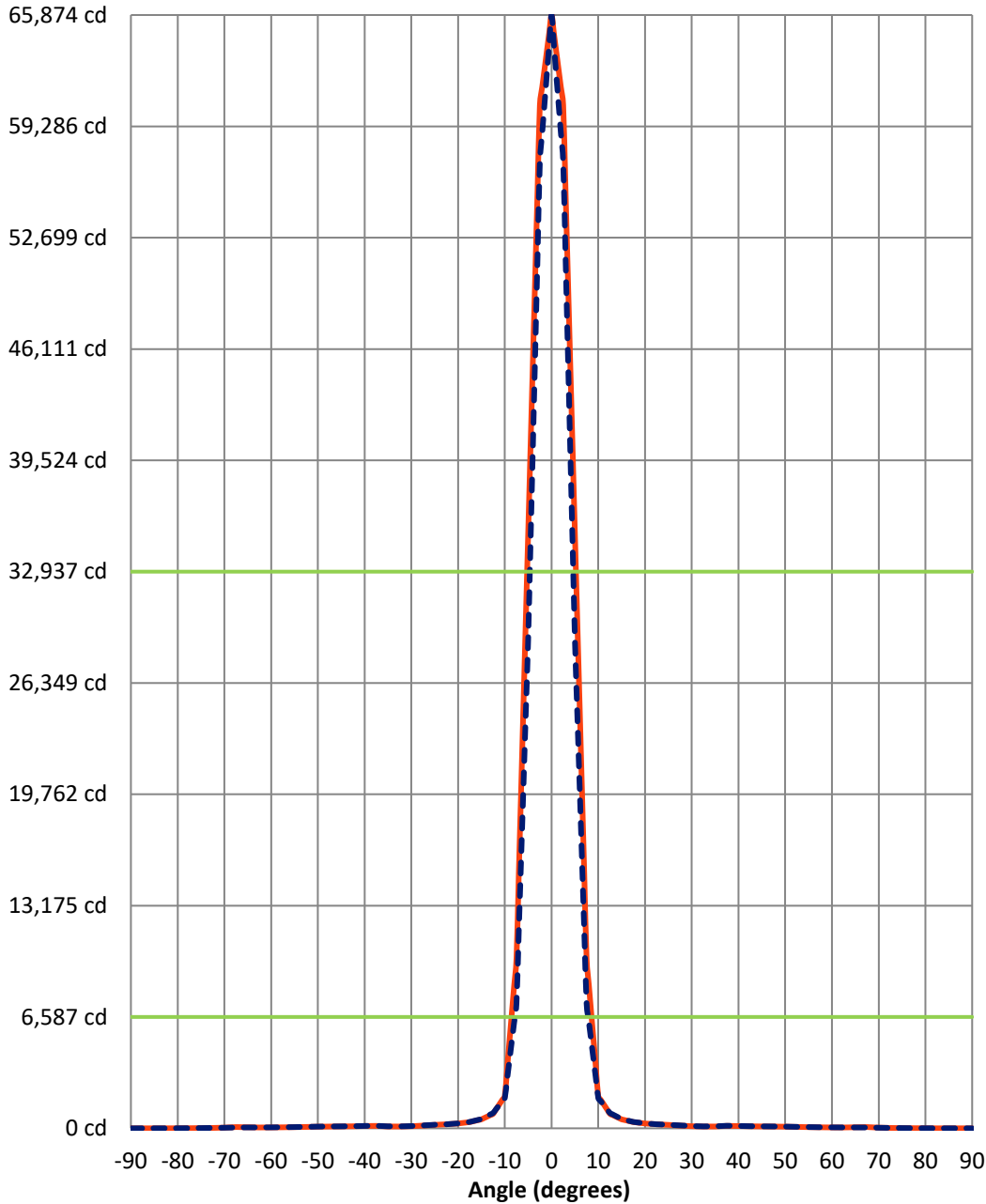
Luminous Intensity Polar Plot



— 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: 1099.5
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 1895
Efficiency: 73.9%

Spill:
Lumens: 670.2
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	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.8
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	1.0	1.1
72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.8	1.1	1.3	1.5
70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	1.1	1.4	1.7	2.1
67.5°	0.0	0.3	0.5	0.7	0.7	0.7	1.0	1.4	1.8	2.3	2.7
65°	0.0	0.3	0.6	0.7	0.7	0.8	1.3	1.8	2.3	2.9	3.4
62.5°	0.0	0.3	0.6	0.7	0.7	1.1	1.6	2.2	2.9	3.5	4.4
60°	0.0	0.3	0.7	0.7	0.7	1.3	1.9	2.7	3.4	4.4	5.4
57.5°	0.0	0.4	0.7	0.7	0.9	1.6	2.4	3.2	4.2	5.4	6.5
55°	0.0	0.4	0.7	0.7	1.1	1.8	2.9	3.7	5.1	6.4	7.7
52.5°	0.0	0.4	0.7	0.7	1.3	2.1	3.4	4.6	6.0	7.6	9.0
50°	0.0	0.4	0.7	0.7	1.5	2.6	3.9	5.5	6.9	8.8	10.5
47.5°	0.0	0.5	0.7	0.7	1.7	3.1	4.5	6.4	8.0	10.0	12.1
45°	0.0	0.5	0.7	0.9	1.9	3.5	5.4	7.4	9.3	11.5	13.7
42.5°	0.0	0.5	0.8	1.0	2.1	4.0	6.2	8.5	10.6	13.0	15.7
40°	0.0	0.5	0.8	1.1	2.3	4.5	7.1	9.7	12.1	14.6	17.7
37.5°	0.0	0.6	0.8	1.3	2.7	5.0	8.0	11.0	13.8	16.6	19.8
35°	0.0	0.6	0.8	1.4	3.1	5.6	8.9	12.2	15.5	18.9	21.9
32.5°	0.0	0.6	0.8	1.5	3.4	6.3	9.8	13.5	17.2	21.3	24.5
30°	0.0	0.6	0.8	1.6	3.8	7.0	10.8	14.8	19.0	23.8	27.4
27.5°	0.0	0.6	0.9	1.7	4.0	7.6	11.8	16.2	20.8	26.4	30.6
25°	0.0	0.6	0.9	1.7	4.2	8.3	12.8	17.6	22.9	29.0	34.0
22.5°	0.0	0.6	0.9	1.8	4.3	8.8	13.8	19.0	25.0	31.8	36.9
20°	0.0	0.7	0.9	1.8	4.4	9.0	14.7	20.3	27.1	34.8	39.8
17.5°	0.0	0.7	1.0	1.9	4.5	9.1	15.2	21.7	29.2	37.7	42.6
15°	0.0	0.7	1.0	1.9	4.5	9.1	15.4	22.6	31.2	40.8	45.4
12.5°	0.0	0.7	1.0	1.9	4.5	9.1	15.5	23.1	32.5	43.8	48.1
10°	0.0	0.7	1.0	1.9	4.5	9.0	15.6	23.5	33.1	45.0	50.0
7.5°	0.0	0.7	1.0	1.9	4.4	8.9	15.5	23.9	33.6	45.7	50.4
5°	0.0	0.7	1.1	1.9	4.3	8.7	15.4	24.2	33.9	46.2	50.6
2.5°	0.0	0.7	1.1	1.9	4.2	8.5	15.3	24.3	34.1	46.5	50.9
0°	0.0	0.7	1.1	1.9	4.1	8.2	15.0	24.4	34.1	46.5	51.0
-2.5°	0.0	0.7	1.1	1.9	4.2	8.5	15.3	24.3	34.1	46.5	50.9
-5°	0.0	0.7	1.1	1.9	4.3	8.7	15.4	24.2	33.9	46.2	50.6
-7.5°	0.0	0.7	1.0	1.9	4.4	8.9	15.5	23.9	33.6	45.7	50.4
-10°	0.0	0.7	1.0	1.9	4.5	9.0	15.6	23.5	33.1	45.0	50.0
-12.5°	0.0	0.7	1.0	1.9	4.5	9.1	15.5	23.1	32.5	43.8	48.1
-15°	0.0	0.7	1.0	1.9	4.5	9.1	15.4	22.6	31.2	40.8	45.4
-17.5°	0.0	0.7	1.0	1.9	4.5	9.1	15.2	21.7	29.2	37.7	42.6
-20°	0.0	0.7	0.9	1.8	4.4	9.0	14.7	20.3	27.1	34.8	39.8



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 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	0.9	1.8	4.3	8.8	13.8	19.0	25.0	31.8	36.9
-25°	0.0	0.6	0.9	1.7	4.2	8.3	12.8	17.6	22.9	29.0	34.0
-27.5°	0.0	0.6	0.9	1.7	4.0	7.6	11.8	16.2	20.8	26.4	30.6
-30°	0.0	0.6	0.8	1.6	3.8	7.0	10.8	14.8	19.0	23.8	27.4
-32.5°	0.0	0.6	0.8	1.5	3.4	6.3	9.8	13.5	17.2	21.3	24.5
-35°	0.0	0.6	0.8	1.4	3.1	5.6	8.9	12.2	15.5	18.9	21.9
-37.5°	0.0	0.6	0.8	1.3	2.7	5.0	8.0	11.0	13.8	16.6	19.8
-40°	0.0	0.5	0.8	1.1	2.3	4.5	7.1	9.7	12.1	14.6	17.7
-42.5°	0.0	0.5	0.8	1.0	2.1	4.0	6.2	8.5	10.6	13.0	15.7
-45°	0.0	0.5	0.7	0.9	1.9	3.5	5.4	7.4	9.3	11.5	13.7
-47.5°	0.0	0.5	0.7	0.7	1.7	3.1	4.5	6.4	8.0	10.0	12.1
-50°	0.0	0.4	0.7	0.7	1.5	2.6	3.9	5.5	6.9	8.8	10.5
-52.5°	0.0	0.4	0.7	0.7	1.3	2.1	3.4	4.6	6.0	7.6	9.0
-55°	0.0	0.4	0.7	0.7	1.1	1.8	2.9	3.7	5.1	6.4	7.7
-57.5°	0.0	0.4	0.7	0.7	0.9	1.6	2.4	3.2	4.2	5.4	6.5
-60°	0.0	0.3	0.7	0.7	0.7	1.3	1.9	2.7	3.4	4.4	5.4
-62.5°	0.0	0.3	0.6	0.7	0.7	1.1	1.6	2.2	2.9	3.5	4.4
-65°	0.0	0.3	0.6	0.7	0.7	0.8	1.3	1.8	2.3	2.9	3.4
-67.5°	0.0	0.3	0.5	0.7	0.7	0.7	1.0	1.4	1.8	2.3	2.7
-70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	1.1	1.4	1.7	2.1
-72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.8	1.1	1.3	1.5
-75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	1.0	1.1
-77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.8
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	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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 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6
82.5°	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0
80°	0.7	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.8
77.5°	0.9	1.1	1.2	1.4	1.6	1.8	2.1	2.3	2.6	2.9	3.2
75°	1.3	1.5	1.8	2.3	2.7	2.9	3.2	3.6	4.1	4.7	5.2
72.5°	1.8	2.3	2.8	3.3	3.9	4.4	4.9	5.4	6.2	7.1	7.8
70°	2.5	3.0	3.8	4.7	5.5	6.2	7.2	8.4	9.6	10.3	10.6
67.5°	3.2	4.1	5.0	6.0	7.2	8.3	9.8	11.1	12.4	12.9	13.3
65°	4.1	5.1	6.3	7.6	8.9	10.3	11.7	13.2	14.5	15.2	16.0
62.5°	5.1	6.3	7.7	9.1	10.5	12.0	13.8	15.3	16.4	17.7	19.3
60°	6.3	7.5	9.0	10.6	12.2	14.3	16.1	17.7	19.3	20.8	23.2
57.5°	7.5	8.7	10.4	12.2	14.5	16.9	18.9	20.7	22.8	24.9	27.4
55°	8.9	9.9	11.8	14.1	16.7	19.6	21.9	24.4	26.8	28.7	30.9
52.5°	10.4	11.4	13.3	15.9	19.0	22.2	25.3	27.9	30.1	32.3	34.7
50°	12.0	13.2	14.8	18.0	21.3	25.0	28.5	31.1	33.6	36.2	38.9
47.5°	13.9	15.2	16.6	20.0	23.8	27.5	31.2	34.4	37.3	40.6	43.7
45°	15.9	17.5	18.9	22.1	26.0	29.8	33.9	37.8	41.8	45.7	50.8
42.5°	18.1	19.8	21.7	24.1	28.0	32.2	36.6	41.8	46.8	52.4	58.9
40°	20.2	22.1	24.3	26.6	30.0	34.7	40.0	45.8	53.0	60.2	68.0
37.5°	22.2	24.4	26.9	29.2	32.2	37.5	43.3	50.8	59.4	68.5	78.4
35°	24.2	26.7	29.2	31.9	35.3	40.4	47.6	56.1	66.4	77.8	86.9
32.5°	26.2	28.9	31.3	34.6	38.8	44.0	51.8	62.5	74.3	85.9	92.0
30°	28.7	30.8	33.5	37.2	42.2	48.9	57.3	68.8	82.3	90.2	96.0
27.5°	32.0	32.7	35.8	40.0	45.8	53.8	64.2	76.1	87.3	94.3	99.4
25°	35.2	36.0	37.9	42.9	50.1	59.5	71.1	84.8	91.4	97.3	103.2
22.5°	38.3	39.1	41.5	45.7	54.2	65.2	78.8	90.8	97.1	100.9	107.3
20°	41.2	42.5	45.4	50.3	58.5	70.7	86.3	96.3	102.4	106.9	112.7
17.5°	44.0	45.7	49.4	55.3	64.4	76.9	93.1	101.9	107.8	112.1	119.4
15°	46.7	48.9	53.2	60.0	69.9	83.5	97.6	106.4	112.7	117.0	125.5
12.5°	49.3	52.0	56.9	64.4	74.9	89.2	101.5	109.4	115.6	122.1	131.0
10°	51.9	55.1	60.4	68.4	79.4	94.2	104.7	111.7	118.0	126.3	135.5
7.5°	52.2	56.6	63.2	72.1	83.4	98.4	107.3	113.5	120.4	130.1	139.6
5°	52.2	56.4	63.4	73.1	85.3	100.9	109.2	114.9	122.7	133.5	143.2
2.5°	52.2	56.2	63.5	73.4	85.7	101.1	109.4	115.3	124.0	136.8	146.5
0°	52.1	55.8	63.3	73.4	85.8	100.8	109.4	115.4	124.8	139.8	149.5
-2.5°	52.2	56.2	63.5	73.4	85.7	101.1	109.4	115.3	124.0	136.8	146.5
-5°	52.2	56.4	63.4	73.1	85.3	100.9	109.2	114.9	122.7	133.5	143.2
-7.5°	52.2	56.6	63.2	72.1	83.4	98.4	107.3	113.5	120.4	130.1	139.6
-10°	51.9	55.1	60.4	68.4	79.4	94.2	104.7	111.7	118.0	126.3	135.5
-12.5°	49.3	52.0	56.9	64.4	74.9	89.2	101.5	109.4	115.6	122.1	131.0
-15°	46.7	48.9	53.2	60.0	69.9	83.5	97.6	106.4	112.7	117.0	125.5
-17.5°	44.0	45.7	49.4	55.3	64.4	76.9	93.1	101.9	107.8	112.1	119.4
-20°	41.2	42.5	45.4	50.3	58.5	70.7	86.3	96.3	102.4	106.9	112.7



REPORT NUMBER: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	38.3	39.1	41.5	45.7	54.2	65.2	78.8	90.8	97.1	100.9	107.3
-25°	35.2	36.0	37.9	42.9	50.1	59.5	71.1	84.8	91.4	97.3	103.2
-27.5°	32.0	32.7	35.8	40.0	45.8	53.8	64.2	76.1	87.3	94.3	99.4
-30°	28.7	30.8	33.5	37.2	42.2	48.9	57.3	68.8	82.3	90.2	96.0
-32.5°	26.2	28.9	31.3	34.6	38.8	44.0	51.8	62.5	74.3	85.9	92.0
-35°	24.2	26.7	29.2	31.9	35.3	40.4	47.6	56.1	66.4	77.8	86.9
-37.5°	22.2	24.4	26.9	29.2	32.2	37.5	43.3	50.8	59.4	68.5	78.4
-40°	20.2	22.1	24.3	26.6	30.0	34.7	40.0	45.8	53.0	60.2	68.0
-42.5°	18.1	19.8	21.7	24.1	28.0	32.2	36.6	41.8	46.8	52.4	58.9
-45°	15.9	17.5	18.9	22.1	26.0	29.8	33.9	37.8	41.8	45.7	50.8
-47.5°	13.9	15.2	16.6	20.0	23.8	27.5	31.2	34.4	37.3	40.6	43.7
-50°	12.0	13.2	14.8	18.0	21.3	25.0	28.5	31.1	33.6	36.2	38.9
-52.5°	10.4	11.4	13.3	15.9	19.0	22.2	25.3	27.9	30.1	32.3	34.7
-55°	8.9	9.9	11.8	14.1	16.7	19.6	21.9	24.4	26.8	28.7	30.9
-57.5°	7.5	8.7	10.4	12.2	14.5	16.9	18.9	20.7	22.8	24.9	27.4
-60°	6.3	7.5	9.0	10.6	12.2	14.3	16.1	17.7	19.3	20.8	23.2
-62.5°	5.1	6.3	7.7	9.1	10.5	12.0	13.8	15.3	16.4	17.7	19.3
-65°	4.1	5.1	6.3	7.6	8.9	10.3	11.7	13.2	14.5	15.2	16.0
-67.5°	3.2	4.1	5.0	6.0	7.2	8.3	9.8	11.1	12.4	12.9	13.3
-70°	2.5	3.0	3.8	4.7	5.5	6.2	7.2	8.4	9.6	10.3	10.6
-72.5°	1.8	2.3	2.8	3.3	3.9	4.4	4.9	5.4	6.2	7.1	7.8
-75°	1.3	1.5	1.8	2.3	2.7	2.9	3.2	3.6	4.1	4.7	5.2
-77.5°	0.9	1.1	1.2	1.4	1.6	1.8	2.1	2.3	2.6	2.9	3.2
-80°	0.7	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.8
-82.5°	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0
-85°	0.6	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6
-87.5°	0.3	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: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.5
80°	2.0	2.2	2.3	2.4	2.4	2.7	3.0	3.4	3.7	3.9	3.9
77.5°	3.6	3.8	4.0	4.1	4.2	4.8	5.5	6.3	7.2	7.6	7.9
75°	5.7	6.0	6.2	6.3	6.4	7.3	8.7	10.0	11.5	12.2	12.8
72.5°	8.2	8.5	8.7	8.9	9.0	10.3	12.7	15.3	18.1	19.8	21.0
70°	11.0	11.3	11.5	11.7	11.9	13.4	16.9	20.6	24.4	28.1	32.1
67.5°	13.9	14.5	14.8	15.0	15.2	16.5	20.2	23.7	26.9	33.7	44.4
65°	17.0	18.5	19.1	19.4	19.5	20.1	23.3	26.2	28.8	34.1	42.2
62.5°	21.0	22.9	23.8	24.2	24.4	24.5	27.1	29.5	31.7	35.0	40.2
60°	25.4	27.4	28.5	28.8	29.0	29.1	31.2	33.6	35.7	38.4	43.3
57.5°	29.4	31.3	32.9	33.5	34.0	34.4	36.2	39.0	41.6	44.3	49.5
55°	33.2	35.5	37.7	38.9	40.1	41.1	42.9	46.4	49.8	53.0	58.4
52.5°	37.3	40.3	43.2	45.4	47.6	49.6	51.5	56.0	60.5	64.7	70.0
50°	42.2	45.9	50.2	53.9	57.0	60.1	62.9	68.3	74.3	80.0	85.6
47.5°	48.5	53.4	58.9	64.1	68.3	73.1	77.4	82.9	88.3	93.6	98.2
45°	56.2	62.9	69.3	76.2	82.2	85.4	87.9	91.3	96.8	102.1	106.4
42.5°	66.0	73.9	81.7	86.8	90.7	93.2	95.1	96.9	102.7	107.7	111.9
40°	76.9	84.8	89.7	93.8	96.5	98.8	101.7	104.5	109.0	114.2	118.8
37.5°	86.4	91.5	95.7	99.0	102.3	105.3	109.4	113.5	117.8	123.6	127.9
35°	92.3	96.7	101.0	105.2	109.3	114.0	119.1	125.1	130.3	125.6	118.6
32.5°	96.8	101.3	106.5	112.9	118.6	125.0	131.4	121.1	110.5	106.3	107.2
30°	100.7	105.9	113.1	121.4	129.4	126.5	112.4	107.4	108.9	111.8	117.4
27.5°	104.8	111.4	120.1	130.3	124.1	108.4	109.2	112.1	121.8	130.0	142.5
25°	109.7	117.6	128.5	123.7	109.4	110.9	118.2	129.1	147.6	164.8	179.9
22.5°	115.6	125.7	127.2	109.4	111.4	120.9	135.6	159.3	181.8	202.6	218.2
20°	121.6	133.4	115.3	111.5	119.9	136.9	164.2	191.4	216.5	235.2	250.8
17.5°	128.8	124.7	111.9	115.9	132.8	162.1	192.9	221.8	245.4	277.6	305.1
15°	135.2	116.4	114.0	127.2	152.6	185.5	219.0	244.9	287.6	333.8	380.5
12.5°	131.5	113.4	117.7	137.2	170.5	206.2	235.8	276.8	333.4	400.8	502.1
10°	126.1	115.0	125.5	151.1	186.0	220.7	251.4	305.2	379.8	503.7	663.2
7.5°	122.0	115.7	130.6	161.7	197.4	229.4	270.4	335.7	439.6	609.5	949.3
5°	118.9	115.7	133.0	167.9	204.2	235.5	282.1	357.8	498.2	740.3	1320.9
2.5°	117.5	115.1	133.6	171.2	207.5	238.8	289.4	373.7	535.2	861.8	1736.9
0°	118.4	113.9	133.4	172.4	209.5	238.3	290.4	378.5	546.4	906.7	1792.8
-2.5°	117.5	115.1	133.6	171.2	207.5	238.8	289.4	373.7	535.2	861.8	1736.9
-5°	118.9	115.7	133.0	167.9	204.2	235.5	282.1	357.8	498.2	740.3	1320.9
-7.5°	122.0	115.7	130.6	161.7	197.4	229.4	270.4	335.7	439.6	609.5	949.3
-10°	126.1	115.0	125.5	151.1	186.0	220.7	251.4	305.2	379.8	503.7	663.2
-12.5°	131.5	113.4	117.7	137.2	170.5	206.2	235.8	276.8	333.4	400.8	502.1
-15°	135.2	116.4	114.0	127.2	152.6	185.5	219.0	244.9	287.6	333.8	380.5
-17.5°	128.8	124.7	111.9	115.9	132.8	162.1	192.9	221.8	245.4	277.6	305.1
-20°	121.6	133.4	115.3	111.5	119.9	136.9	164.2	191.4	216.5	235.2	250.8



REPORT NUMBER: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	115.6	125.7	127.2	109.4	111.4	120.9	135.6	159.3	181.8	202.6	218.2
-25°	109.7	117.6	128.5	123.7	109.4	110.9	118.2	129.1	147.6	164.8	179.9
-27.5°	104.8	111.4	120.1	130.3	124.1	108.4	109.2	112.1	121.8	130.0	142.5
-30°	100.7	105.9	113.1	121.4	129.4	126.5	112.4	107.4	108.9	111.8	117.4
-32.5°	96.8	101.3	106.5	112.9	118.6	125.0	131.4	121.1	110.5	106.3	107.2
-35°	92.3	96.7	101.0	105.2	109.3	114.0	119.1	125.1	130.3	125.6	118.6
-37.5°	86.4	91.5	95.7	99.0	102.3	105.3	109.4	113.5	117.8	123.6	127.9
-40°	76.9	84.8	89.7	93.8	96.5	98.8	101.7	104.5	109.0	114.2	118.8
-42.5°	66.0	73.9	81.7	86.8	90.7	93.2	95.1	96.9	102.7	107.7	111.9
-45°	56.2	62.9	69.3	76.2	82.2	85.4	87.9	91.3	96.8	102.1	106.4
-47.5°	48.5	53.4	58.9	64.1	68.3	73.1	77.4	82.9	88.3	93.6	98.2
-50°	42.2	45.9	50.2	53.9	57.0	60.1	62.9	68.3	74.3	80.0	85.6
-52.5°	37.3	40.3	43.2	45.4	47.6	49.6	51.5	56.0	60.5	64.7	70.0
-55°	33.2	35.5	37.7	38.9	40.1	41.1	42.9	46.4	49.8	53.0	58.4
-57.5°	29.4	31.3	32.9	33.5	34.0	34.4	36.2	39.0	41.6	44.3	49.5
-60°	25.4	27.4	28.5	28.8	29.0	29.1	31.2	33.6	35.7	38.4	43.3
-62.5°	21.0	22.9	23.8	24.2	24.4	24.5	27.1	29.5	31.7	35.0	40.2
-65°	17.0	18.5	19.1	19.4	19.5	20.1	23.3	26.2	28.8	34.1	42.2
-67.5°	13.9	14.5	14.8	15.0	15.2	16.5	20.2	23.7	26.9	33.7	44.4
-70°	11.0	11.3	11.5	11.7	11.9	13.4	16.9	20.6	24.4	28.1	32.1
-72.5°	8.2	8.5	8.7	8.9	9.0	10.3	12.7	15.3	18.1	19.8	21.0
-75°	5.7	6.0	6.2	6.3	6.4	7.3	8.7	10.0	11.5	12.2	12.8
-77.5°	3.6	3.8	4.0	4.1	4.2	4.8	5.5	6.3	7.2	7.6	7.9
-80°	2.0	2.2	2.3	2.4	2.4	2.7	3.0	3.4	3.7	3.9	3.9
-82.5°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.5
-85°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
-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: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
80°	4.0	4.1	3.9	3.7	3.9	4.1	4.0	3.9	3.9	3.7	3.4
77.5°	8.2	8.5	8.2	7.9	8.2	8.5	8.2	7.9	7.6	7.2	6.3
75°	13.3	13.8	13.5	13.1	13.5	13.8	13.3	12.8	12.2	11.5	10.0
72.5°	22.2	23.3	23.0	22.5	23.0	23.3	22.2	21.0	19.8	18.1	15.3
70°	36.3	40.6	40.4	39.3	40.4	40.6	36.3	32.1	28.1	24.4	20.6
67.5°	56.0	68.1	71.9	73.8	71.9	68.1	56.0	44.4	33.7	26.9	23.7
65°	49.9	57.2	60.1	62.2	60.1	57.2	49.9	42.2	34.1	28.8	26.2
62.5°	44.8	49.1	50.1	50.2	50.1	49.1	44.8	40.2	35.0	31.7	29.5
60°	48.0	52.6	53.3	52.5	53.3	52.6	48.0	43.3	38.4	35.7	33.6
57.5°	54.5	59.4	60.2	59.2	60.2	59.4	54.5	49.5	44.3	41.6	39.0
55°	63.6	68.4	70.0	69.7	70.0	68.4	63.6	58.4	53.0	49.8	46.4
52.5°	75.0	79.5	81.4	81.3	81.4	79.5	75.0	70.0	64.7	60.5	56.0
50°	90.4	94.4	96.4	96.7	96.4	94.4	90.4	85.6	80.0	74.3	68.3
47.5°	101.5	104.1	105.5	105.7	105.5	104.1	101.5	98.2	93.6	88.3	82.9
45°	108.3	109.7	110.7	111.7	110.7	109.7	108.3	106.4	102.1	96.8	91.3
42.5°	114.6	117.6	119.8	120.3	119.8	117.6	114.6	111.9	107.7	102.7	96.9
40°	123.2	127.3	131.2	135.3	131.2	127.3	123.2	118.8	114.2	109.0	104.5
37.5°	132.4	136.9	140.6	142.8	140.6	136.9	132.4	127.9	123.6	117.8	113.5
35°	113.7	110.8	109.0	108.3	109.0	110.8	113.7	118.6	125.6	130.3	125.1
32.5°	107.7	107.9	107.6	106.8	107.6	107.9	107.7	107.2	106.3	110.5	121.1
30°	121.6	123.5	123.8	123.7	123.8	123.5	121.6	117.4	111.8	108.9	107.4
27.5°	151.8	156.8	158.4	161.5	158.4	156.8	151.8	142.5	130.0	121.8	112.1
25°	191.6	199.2	202.9	204.2	202.9	199.2	191.6	179.9	164.8	147.6	129.1
22.5°	227.0	232.8	236.2	239.1	236.2	232.8	227.0	218.2	202.6	181.8	159.3
20°	268.9	279.5	284.4	284.8	284.4	279.5	268.9	250.8	235.2	216.5	191.4
17.5°	334.4	355.1	365.5	368.4	365.5	355.1	334.4	305.1	277.6	245.4	221.8
15°	437.7	490.6	517.8	530.6	517.8	490.6	437.7	380.5	333.8	287.6	244.9
12.5°	606.2	725.4	821.9	858.2	821.9	725.4	606.2	502.1	400.8	333.4	276.8
10°	940.0	1296.2	1712.2	1906.3	1712.2	1296.2	940.0	663.2	503.7	379.8	305.2
7.5°	1818.6	4222.4	8183.8	10073.4	8183.8	4222.4	1818.6	949.3	609.5	439.6	335.7
5°	3876.4	16729.2	29959.9	35190.4	29959.9	16729.2	3876.4	1320.9	740.3	498.2	357.8
2.5°	6174.2	27438.0	51771.2	60535.7	51771.2	27438.0	6174.2	1736.9	861.8	535.2	373.7
0°	7376.9	28914.6	57128.3	65873.5	57128.3	28914.6	7376.9	1792.8	906.7	546.4	378.5
-2.5°	6174.2	27438.0	51771.2	60535.6	51771.2	27438.0	6174.2	1736.9	861.8	535.2	373.7
-5°	3876.4	16729.2	29959.9	35190.4	29959.9	16729.2	3876.4	1320.9	740.3	498.2	357.8
-7.5°	1818.6	4222.4	8183.8	10073.4	8183.8	4222.4	1818.6	949.3	609.5	439.6	335.7
-10°	940.0	1296.2	1712.2	1906.3	1712.2	1296.2	940.0	663.2	503.7	379.8	305.2
-12.5°	606.2	725.4	821.9	858.2	821.9	725.4	606.2	502.1	400.8	333.4	276.8
-15°	437.7	490.6	517.8	530.6	517.8	490.6	437.7	380.5	333.8	287.6	244.9
-17.5°	334.4	355.1	365.5	368.4	365.5	355.1	334.4	305.1	277.6	245.4	221.8
-20°	268.9	279.5	284.4	284.8	284.4	279.5	268.9	250.8	235.2	216.5	191.4



REPORT NUMBER: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	227.0	232.8	236.2	239.1	236.2	232.8	227.0	218.2	202.6	181.8	159.3
-25°	191.6	199.2	202.9	204.2	202.9	199.2	191.6	179.9	164.8	147.6	129.1
-27.5°	151.8	156.8	158.4	161.5	158.4	156.8	151.8	142.5	130.0	121.8	112.1
-30°	121.6	123.5	123.8	123.7	123.8	123.5	121.6	117.4	111.8	108.9	107.4
-32.5°	107.7	107.9	107.6	106.8	107.6	107.9	107.7	107.2	106.3	110.5	121.1
-35°	113.7	110.8	109.0	108.3	109.0	110.8	113.7	118.6	125.6	130.3	125.1
-37.5°	132.4	136.9	140.6	142.8	140.6	136.9	132.4	127.9	123.6	117.8	113.5
-40°	123.2	127.3	131.2	135.3	131.2	127.3	123.2	118.8	114.2	109.0	104.5
-42.5°	114.6	117.6	119.8	120.3	119.8	117.6	114.6	111.9	107.7	102.7	96.9
-45°	108.3	109.7	110.7	111.7	110.7	109.7	108.3	106.4	102.1	96.8	91.3
-47.5°	101.5	104.1	105.5	105.7	105.5	104.1	101.5	98.2	93.6	88.3	82.9
-50°	90.4	94.4	96.4	96.7	96.4	94.4	90.4	85.6	80.0	74.3	68.3
-52.5°	75.0	79.5	81.4	81.3	81.4	79.5	75.0	70.0	64.7	60.5	56.0
-55°	63.6	68.4	70.0	69.7	70.0	68.4	63.6	58.4	53.0	49.8	46.4
-57.5°	54.5	59.4	60.2	59.2	60.2	59.4	54.5	49.5	44.3	41.6	39.0
-60°	48.0	52.6	53.3	52.5	53.3	52.6	48.0	43.3	38.4	35.7	33.6
-62.5°	44.8	49.1	50.1	50.2	50.1	49.1	44.8	40.2	35.0	31.7	29.5
-65°	49.9	57.2	60.1	62.2	60.1	57.2	49.9	42.2	34.1	28.8	26.2
-67.5°	56.0	68.1	71.9	73.8	71.9	68.1	56.0	44.4	33.7	26.9	23.7
-70°	36.3	40.6	40.4	39.3	40.4	40.6	36.3	32.1	28.1	24.4	20.6
-72.5°	22.2	23.3	23.0	22.5	23.0	23.3	22.2	21.0	19.8	18.1	15.3
-75°	13.3	13.8	13.5	13.1	13.5	13.8	13.3	12.8	12.2	11.5	10.0
-77.5°	8.2	8.5	8.2	7.9	8.2	8.5	8.2	7.9	7.6	7.2	6.3
-80°	4.0	4.1	3.9	3.7	3.9	4.1	4.0	3.9	3.9	3.7	3.4
-82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
-85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-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: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
82.5°	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8
80°	3.0	2.7	2.4	2.4	2.3	2.2	2.0	1.8	1.6	1.5	1.4
77.5°	5.5	4.8	4.2	4.1	4.0	3.8	3.6	3.2	2.9	2.6	2.3
75°	8.7	7.3	6.4	6.3	6.2	6.0	5.7	5.2	4.7	4.1	3.6
72.5°	12.7	10.3	9.0	8.9	8.7	8.5	8.2	7.8	7.1	6.2	5.4
70°	16.9	13.4	11.9	11.7	11.5	11.3	11.0	10.6	10.3	9.6	8.4
67.5°	20.2	16.5	15.2	15.0	14.8	14.5	13.9	13.3	12.9	12.4	11.1
65°	23.3	20.1	19.5	19.4	19.1	18.5	17.0	16.0	15.2	14.5	13.2
62.5°	27.1	24.5	24.4	24.2	23.8	22.9	21.0	19.3	17.7	16.4	15.3
60°	31.2	29.1	29.0	28.8	28.5	27.4	25.4	23.2	20.8	19.3	17.7
57.5°	36.2	34.4	34.0	33.5	32.9	31.3	29.4	27.4	24.9	22.8	20.7
55°	42.9	41.1	40.1	38.9	37.7	35.5	33.2	30.9	28.7	26.8	24.4
52.5°	51.5	49.6	47.6	45.4	43.2	40.3	37.3	34.7	32.3	30.1	27.9
50°	62.9	60.1	57.0	53.9	50.2	45.9	42.2	38.9	36.2	33.6	31.1
47.5°	77.4	73.1	68.3	64.1	58.9	53.4	48.5	43.7	40.6	37.3	34.4
45°	87.9	85.4	82.2	76.2	69.3	62.9	56.2	50.8	45.7	41.8	37.8
42.5°	95.1	93.2	90.7	86.8	81.7	73.9	66.0	58.9	52.4	46.8	41.8
40°	101.7	98.8	96.5	93.8	89.7	84.8	76.9	68.0	60.2	53.0	45.8
37.5°	109.4	105.3	102.3	99.0	95.7	91.5	86.4	78.4	68.5	59.4	50.8
35°	119.1	114.0	109.3	105.2	101.0	96.7	92.3	86.9	77.8	66.4	56.1
32.5°	131.4	125.0	118.6	112.9	106.5	101.3	96.8	92.0	85.9	74.3	62.5
30°	112.4	126.5	129.4	121.4	113.1	105.9	100.7	96.0	90.2	82.3	68.8
27.5°	109.2	108.4	124.1	130.3	120.1	111.4	104.8	99.4	94.3	87.3	76.1
25°	118.2	110.9	109.4	123.7	128.5	117.6	109.7	103.2	97.3	91.4	84.8
22.5°	135.6	120.9	111.4	109.4	127.2	125.7	115.6	107.3	100.9	97.1	90.8
20°	164.2	136.9	119.9	111.5	115.3	133.4	121.6	112.7	106.9	102.4	96.3
17.5°	192.9	162.1	132.8	115.9	111.9	124.7	128.8	119.4	112.1	107.8	101.9
15°	219.0	185.5	152.6	127.2	114.0	116.4	135.2	125.5	117.0	112.7	106.4
12.5°	235.8	206.2	170.5	137.2	117.7	113.4	131.5	131.0	122.1	115.6	109.4
10°	251.4	220.7	186.0	151.1	125.5	115.0	126.1	135.5	126.3	118.0	111.7
7.5°	270.4	229.4	197.4	161.7	130.6	115.7	122.0	139.6	130.1	120.4	113.5
5°	282.1	235.5	204.2	167.9	133.0	115.7	118.9	143.2	133.5	122.7	114.9
2.5°	289.4	238.8	207.5	171.2	133.6	115.1	117.5	146.5	136.8	124.0	115.3
0°	290.4	238.3	209.5	172.4	133.4	113.9	118.4	149.5	139.8	124.8	115.4
-2.5°	289.4	238.8	207.5	171.2	133.6	115.1	117.5	146.5	136.8	124.0	115.3
-5°	282.1	235.5	204.2	167.9	133.0	115.7	118.9	143.2	133.5	122.7	114.9
-7.5°	270.4	229.4	197.4	161.7	130.6	115.7	122.0	139.6	130.1	120.4	113.5
-10°	251.4	220.7	186.0	151.1	125.5	115.0	126.1	135.5	126.3	118.0	111.7
-12.5°	235.8	206.2	170.5	137.2	117.7	113.4	131.5	131.0	122.1	115.6	109.4
-15°	219.0	185.5	152.6	127.2	114.0	116.4	135.2	125.5	117.0	112.7	106.4
-17.5°	192.9	162.1	132.8	115.9	111.9	124.7	128.8	119.4	112.1	107.8	101.9
-20°	164.2	136.9	119.9	111.5	115.3	133.4	121.6	112.7	106.9	102.4	96.3



REPORT NUMBER: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	135.6	120.9	111.4	109.4	127.2	125.7	115.6	107.3	100.9	97.1	90.8
-25°	118.2	110.9	109.4	123.7	128.5	117.6	109.7	103.2	97.3	91.4	84.8
-27.5°	109.2	108.4	124.1	130.3	120.1	111.4	104.8	99.4	94.3	87.3	76.1
-30°	112.4	126.5	129.4	121.4	113.1	105.9	100.7	96.0	90.2	82.3	68.8
-32.5°	131.4	125.0	118.6	112.9	106.5	101.3	96.8	92.0	85.9	74.3	62.5
-35°	119.1	114.0	109.3	105.2	101.0	96.7	92.3	86.9	77.8	66.4	56.1
-37.5°	109.4	105.3	102.3	99.0	95.7	91.5	86.4	78.4	68.5	59.4	50.8
-40°	101.7	98.8	96.5	93.8	89.7	84.8	76.9	68.0	60.2	53.0	45.8
-42.5°	95.1	93.2	90.7	86.8	81.7	73.9	66.0	58.9	52.4	46.8	41.8
-45°	87.9	85.4	82.2	76.2	69.3	62.9	56.2	50.8	45.7	41.8	37.8
-47.5°	77.4	73.1	68.3	64.1	58.9	53.4	48.5	43.7	40.6	37.3	34.4
-50°	62.9	60.1	57.0	53.9	50.2	45.9	42.2	38.9	36.2	33.6	31.1
-52.5°	51.5	49.6	47.6	45.4	43.2	40.3	37.3	34.7	32.3	30.1	27.9
-55°	42.9	41.1	40.1	38.9	37.7	35.5	33.2	30.9	28.7	26.8	24.4
-57.5°	36.2	34.4	34.0	33.5	32.9	31.3	29.4	27.4	24.9	22.8	20.7
-60°	31.2	29.1	29.0	28.8	28.5	27.4	25.4	23.2	20.8	19.3	17.7
-62.5°	27.1	24.5	24.4	24.2	23.8	22.9	21.0	19.3	17.7	16.4	15.3
-65°	23.3	20.1	19.5	19.4	19.1	18.5	17.0	16.0	15.2	14.5	13.2
-67.5°	20.2	16.5	15.2	15.0	14.8	14.5	13.9	13.3	12.9	12.4	11.1
-70°	16.9	13.4	11.9	11.7	11.5	11.3	11.0	10.6	10.3	9.6	8.4
-72.5°	12.7	10.3	9.0	8.9	8.7	8.5	8.2	7.8	7.1	6.2	5.4
-75°	8.7	7.3	6.4	6.3	6.2	6.0	5.7	5.2	4.7	4.1	3.6
-77.5°	5.5	4.8	4.2	4.1	4.0	3.8	3.6	3.2	2.9	2.6	2.3
-80°	3.0	2.7	2.4	2.4	2.3	2.2	2.0	1.8	1.6	1.5	1.4
-82.5°	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8
-85°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
-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: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.5	0.5	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4
82.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6
80°	1.3	1.2	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	2.1	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.7	0.7
75°	3.2	2.9	2.7	2.3	1.8	1.5	1.3	1.1	1.0	0.7	0.7
72.5°	4.9	4.4	3.9	3.3	2.8	2.3	1.8	1.5	1.3	1.1	0.8
70°	7.2	6.2	5.5	4.7	3.8	3.0	2.5	2.1	1.7	1.4	1.1
67.5°	9.8	8.3	7.2	6.0	5.0	4.1	3.2	2.7	2.3	1.8	1.4
65°	11.7	10.3	8.9	7.6	6.3	5.1	4.1	3.4	2.9	2.3	1.8
62.5°	13.8	12.0	10.5	9.1	7.7	6.3	5.1	4.4	3.5	2.9	2.2
60°	16.1	14.3	12.2	10.6	9.0	7.5	6.3	5.4	4.4	3.4	2.7
57.5°	18.9	16.9	14.5	12.2	10.4	8.7	7.5	6.5	5.4	4.2	3.2
55°	21.9	19.6	16.7	14.1	11.8	9.9	8.9	7.7	6.4	5.1	3.7
52.5°	25.3	22.2	19.0	15.9	13.3	11.4	10.4	9.0	7.6	6.0	4.6
50°	28.5	25.0	21.3	18.0	14.8	13.2	12.0	10.5	8.8	6.9	5.5
47.5°	31.2	27.5	23.8	20.0	16.6	15.2	13.9	12.1	10.0	8.0	6.4
45°	33.9	29.8	26.0	22.1	18.9	17.5	15.9	13.7	11.5	9.3	7.4
42.5°	36.6	32.2	28.0	24.1	21.7	19.8	18.1	15.7	13.0	10.6	8.5
40°	40.0	34.7	30.0	26.6	24.3	22.1	20.2	17.7	14.6	12.1	9.7
37.5°	43.3	37.5	32.2	29.2	26.9	24.4	22.2	19.8	16.6	13.8	11.0
35°	47.6	40.4	35.3	31.9	29.2	26.7	24.2	21.9	18.9	15.5	12.2
32.5°	51.8	44.0	38.8	34.6	31.3	28.9	26.2	24.5	21.3	17.2	13.5
30°	57.3	48.9	42.2	37.2	33.5	30.8	28.7	27.4	23.8	19.0	14.8
27.5°	64.2	53.8	45.8	40.0	35.8	32.7	32.0	30.6	26.4	20.8	16.2
25°	71.1	59.5	50.1	42.9	37.9	36.0	35.2	34.0	29.0	22.9	17.6
22.5°	78.8	65.2	54.2	45.7	41.5	39.1	38.3	36.9	31.8	25.0	19.0
20°	86.3	70.7	58.5	50.3	45.4	42.5	41.2	39.8	34.8	27.1	20.3
17.5°	93.1	76.9	64.4	55.3	49.4	45.7	44.0	42.6	37.7	29.2	21.7
15°	97.6	83.5	69.9	60.0	53.2	48.9	46.7	45.4	40.8	31.2	22.6
12.5°	101.5	89.2	74.9	64.4	56.9	52.0	49.3	48.1	43.8	32.5	23.1
10°	104.7	94.2	79.4	68.4	60.4	55.1	51.9	50.0	45.0	33.1	23.5
7.5°	107.3	98.4	83.4	72.1	63.2	56.6	52.2	50.4	45.7	33.6	23.9
5°	109.2	100.9	85.3	73.1	63.4	56.4	52.2	50.6	46.2	33.9	24.2
2.5°	109.4	101.1	85.7	73.4	63.5	56.2	52.2	50.9	46.5	34.1	24.3
0°	109.4	100.8	85.8	73.4	63.3	55.8	52.1	51.0	46.5	34.1	24.4
-2.5°	109.4	101.1	85.7	73.4	63.5	56.2	52.2	50.9	46.5	34.1	24.3
-5°	109.2	100.9	85.3	73.1	63.4	56.4	52.2	50.6	46.2	33.9	24.2
-7.5°	107.3	98.4	83.4	72.1	63.2	56.6	52.2	50.4	45.7	33.6	23.9
-10°	104.7	94.2	79.4	68.4	60.4	55.1	51.9	50.0	45.0	33.1	23.5
-12.5°	101.5	89.2	74.9	64.4	56.9	52.0	49.3	48.1	43.8	32.5	23.1
-15°	97.6	83.5	69.9	60.0	53.2	48.9	46.7	45.4	40.8	31.2	22.6
-17.5°	93.1	76.9	64.4	55.3	49.4	45.7	44.0	42.6	37.7	29.2	21.7
-20°	86.3	70.7	58.5	50.3	45.4	42.5	41.2	39.8	34.8	27.1	20.3



REPORT NUMBER: P558529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-927-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°	78.8	65.2	54.2	45.7	41.5	39.1	38.3	36.9	31.8	25.0	19.0
-25°	71.1	59.5	50.1	42.9	37.9	36.0	35.2	34.0	29.0	22.9	17.6
-27.5°	64.2	53.8	45.8	40.0	35.8	32.7	32.0	30.6	26.4	20.8	16.2
-30°	57.3	48.9	42.2	37.2	33.5	30.8	28.7	27.4	23.8	19.0	14.8
-32.5°	51.8	44.0	38.8	34.6	31.3	28.9	26.2	24.5	21.3	17.2	13.5
-35°	47.6	40.4	35.3	31.9	29.2	26.7	24.2	21.9	18.9	15.5	12.2
-37.5°	43.3	37.5	32.2	29.2	26.9	24.4	22.2	19.8	16.6	13.8	11.0
-40°	40.0	34.7	30.0	26.6	24.3	22.1	20.2	17.7	14.6	12.1	9.7
-42.5°	36.6	32.2	28.0	24.1	21.7	19.8	18.1	15.7	13.0	10.6	8.5
-45°	33.9	29.8	26.0	22.1	18.9	17.5	15.9	13.7	11.5	9.3	7.4
-47.5°	31.2	27.5	23.8	20.0	16.6	15.2	13.9	12.1	10.0	8.0	6.4
-50°	28.5	25.0	21.3	18.0	14.8	13.2	12.0	10.5	8.8	6.9	5.5
-52.5°	25.3	22.2	19.0	15.9	13.3	11.4	10.4	9.0	7.6	6.0	4.6
-55°	21.9	19.6	16.7	14.1	11.8	9.9	8.9	7.7	6.4	5.1	3.7
-57.5°	18.9	16.9	14.5	12.2	10.4	8.7	7.5	6.5	5.4	4.2	3.2
-60°	16.1	14.3	12.2	10.6	9.0	7.5	6.3	5.4	4.4	3.4	2.7
-62.5°	13.8	12.0	10.5	9.1	7.7	6.3	5.1	4.4	3.5	2.9	2.2
-65°	11.7	10.3	8.9	7.6	6.3	5.1	4.1	3.4	2.9	2.3	1.8
-67.5°	9.8	8.3	7.2	6.0	5.0	4.1	3.2	2.7	2.3	1.8	1.4
-70°	7.2	6.2	5.5	4.7	3.8	3.0	2.5	2.1	1.7	1.4	1.1
-72.5°	4.9	4.4	3.9	3.3	2.8	2.3	1.8	1.5	1.3	1.1	0.8
-75°	3.2	2.9	2.7	2.3	1.8	1.5	1.3	1.1	1.0	0.7	0.7
-77.5°	2.1	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.7	0.7
-80°	1.3	1.2	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7
-82.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6
-85°	0.5	0.5	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4
-87.5°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2
-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	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
67.5°	1.0	0.7	0.7	0.7	0.5	0.3	0.0
65°	1.3	0.8	0.7	0.7	0.6	0.3	0.0
62.5°	1.6	1.1	0.7	0.7	0.6	0.3	0.0
60°	1.9	1.3	0.7	0.7	0.7	0.3	0.0
57.5°	2.4	1.6	0.9	0.7	0.7	0.4	0.0
55°	2.9	1.8	1.1	0.7	0.7	0.4	0.0
52.5°	3.4	2.1	1.3	0.7	0.7	0.4	0.0
50°	3.9	2.6	1.5	0.7	0.7	0.4	0.0
47.5°	4.5	3.1	1.7	0.7	0.7	0.5	0.0
45°	5.4	3.5	1.9	0.9	0.7	0.5	0.0
42.5°	6.2	4.0	2.1	1.0	0.8	0.5	0.0
40°	7.1	4.5	2.3	1.1	0.8	0.5	0.0
37.5°	8.0	5.0	2.7	1.3	0.8	0.6	0.0
35°	8.9	5.6	3.1	1.4	0.8	0.6	0.0
32.5°	9.8	6.3	3.4	1.5	0.8	0.6	0.0
30°	10.8	7.0	3.8	1.6	0.8	0.6	0.0
27.5°	11.8	7.6	4.0	1.7	0.9	0.6	0.0
25°	12.8	8.3	4.2	1.7	0.9	0.6	0.0
22.5°	13.8	8.8	4.3	1.8	0.9	0.6	0.0
20°	14.7	9.0	4.4	1.8	0.9	0.7	0.0
17.5°	15.2	9.1	4.5	1.9	1.0	0.7	0.0
15°	15.4	9.1	4.5	1.9	1.0	0.7	0.0
12.5°	15.5	9.1	4.5	1.9	1.0	0.7	0.0
10°	15.6	9.0	4.5	1.9	1.0	0.7	0.0
7.5°	15.5	8.9	4.4	1.9	1.0	0.7	0.0
5°	15.4	8.7	4.3	1.9	1.1	0.7	0.0
2.5°	15.3	8.5	4.2	1.9	1.1	0.7	0.0
0°	15.0	8.2	4.1	1.9	1.1	0.7	0.0
-2.5°	15.3	8.5	4.2	1.9	1.1	0.7	0.0
-5°	15.4	8.7	4.3	1.9	1.1	0.7	0.0
-7.5°	15.5	8.9	4.4	1.9	1.0	0.7	0.0
-10°	15.6	9.0	4.5	1.9	1.0	0.7	0.0
-12.5°	15.5	9.1	4.5	1.9	1.0	0.7	0.0
-15°	15.4	9.1	4.5	1.9	1.0	0.7	0.0
-17.5°	15.2	9.1	4.5	1.9	1.0	0.7	0.0
-20°	14.7	9.0	4.4	1.8	0.9	0.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.8	8.8	4.3	1.8	0.9	0.6	0.0
-25°	12.8	8.3	4.2	1.7	0.9	0.6	0.0
-27.5°	11.8	7.6	4.0	1.7	0.9	0.6	0.0
-30°	10.8	7.0	3.8	1.6	0.8	0.6	0.0
-32.5°	9.8	6.3	3.4	1.5	0.8	0.6	0.0
-35°	8.9	5.6	3.1	1.4	0.8	0.6	0.0
-37.5°	8.0	5.0	2.7	1.3	0.8	0.6	0.0
-40°	7.1	4.5	2.3	1.1	0.8	0.5	0.0
-42.5°	6.2	4.0	2.1	1.0	0.8	0.5	0.0
-45°	5.4	3.5	1.9	0.9	0.7	0.5	0.0
-47.5°	4.5	3.1	1.7	0.7	0.7	0.5	0.0
-50°	3.9	2.6	1.5	0.7	0.7	0.4	0.0
-52.5°	3.4	2.1	1.3	0.7	0.7	0.4	0.0
-55°	2.9	1.8	1.1	0.7	0.7	0.4	0.0
-57.5°	2.4	1.6	0.9	0.7	0.7	0.4	0.0
-60°	1.9	1.3	0.7	0.7	0.7	0.3	0.0
-62.5°	1.6	1.1	0.7	0.7	0.6	0.3	0.0
-65°	1.3	0.8	0.7	0.7	0.6	0.3	0.0
-67.5°	1.0	0.7	0.7	0.7	0.5	0.3	0.0
-70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
-72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
-75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
-77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
-80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	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)