

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: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558537 (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-930-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

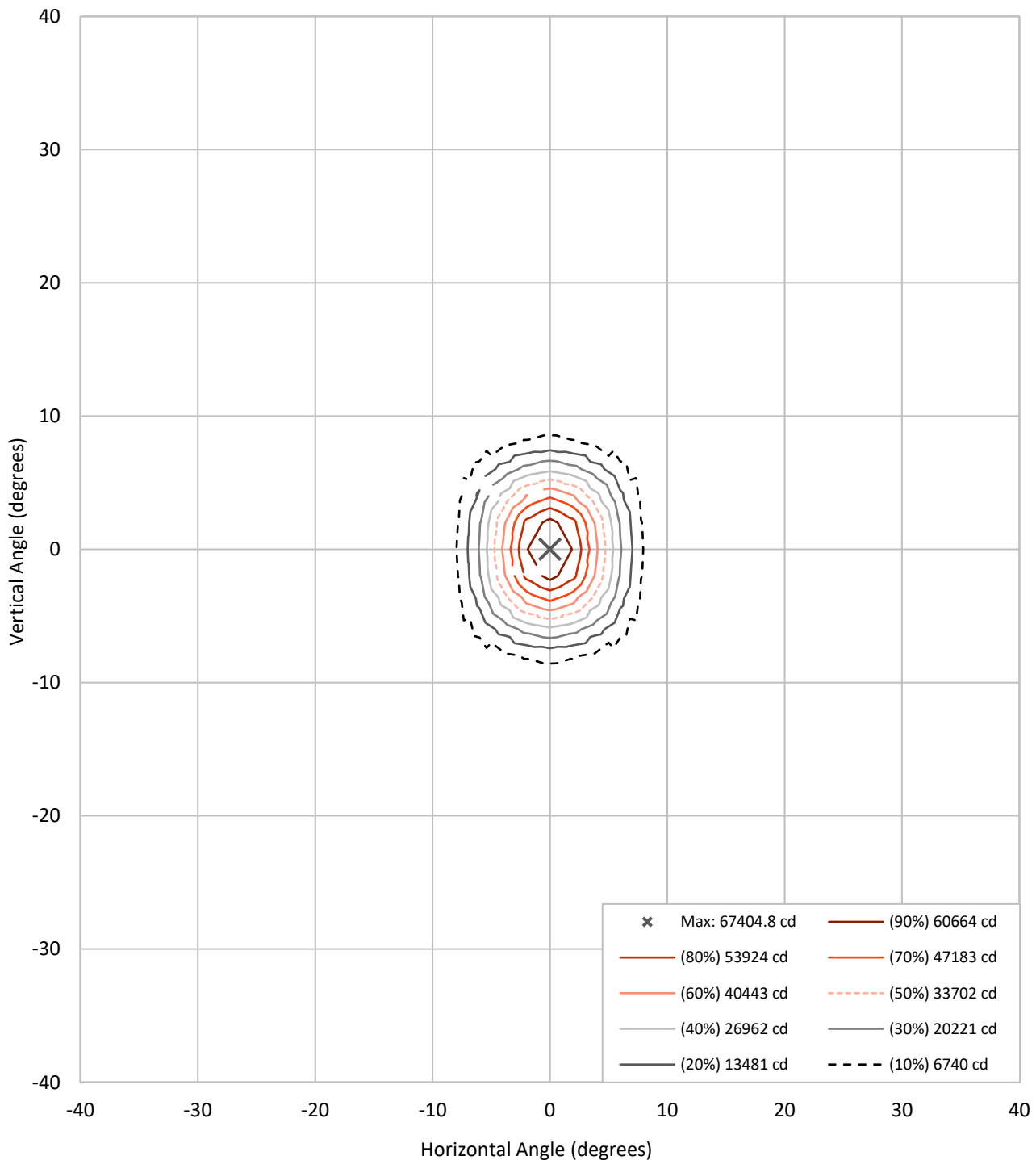
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	2624.9 lumens	Max Intensity:	67404.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1125.1 lumens	Field Lumens:	1939 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: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





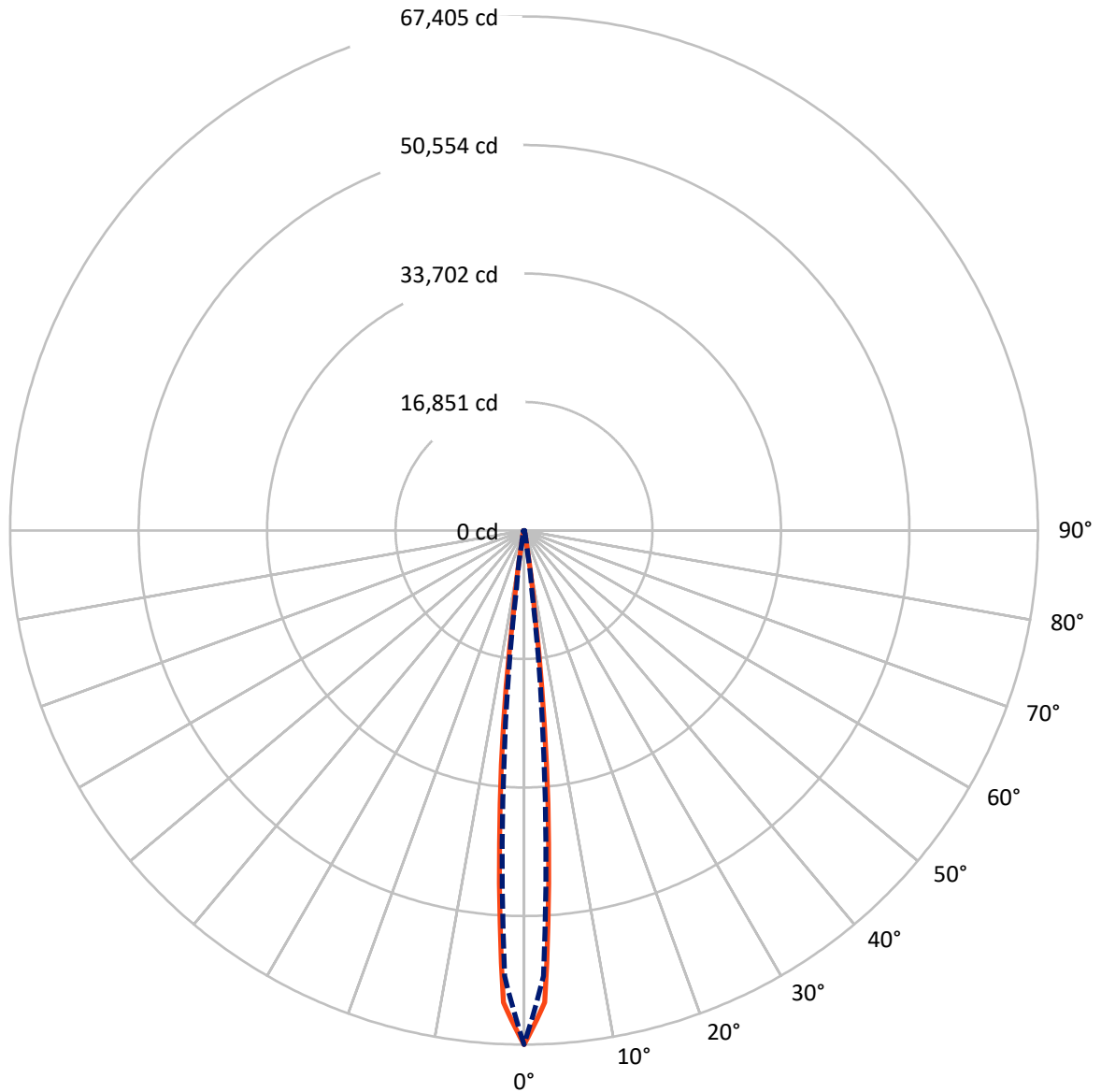
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Lumen Table

90																
80	0.0	0.1		0.3		0.6		1.1		0.6		0.3		0.1		0.0
70																
60	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
50		0.1	0.3	0.5	0.9	1.2	1.6	2.1	2.1	1.6	1.2	0.9	0.5	0.3	0.1	
40	0.1	0.2	0.4	0.8	1.5	2.2	2.9	3.4	3.4	2.9	2.2	1.5	0.8	0.4	0.2	0.1
30		0.3	0.6	1.3	2.3	3.1	3.5	3.7	3.7	3.5	3.1	2.3	1.3	0.6	0.3	
20	0.3	0.4	0.8	1.8	2.8	3.4	4.6	6.1	6.1	4.6	3.4	2.8	1.8	0.8	0.4	0.3
10		0.6	1.1	2.3	3.1	4.4	9.0	18.0	18.0	9.0	4.4	3.1	2.3	1.1	0.6	
0	0.3	0.6	1.3	2.5	3.3	5.7	17.8	527.4	527.4	17.8	5.7	3.3	2.5	1.3	0.6	0.3
-10		0.6	1.3	2.5	3.3	5.7	17.8	527.4	527.4	17.8	5.7	3.3	2.5	1.3	0.6	
-20	0.3	0.6	1.1	2.3	3.1	4.4	9.0	18.0	18.0	9.0	4.4	3.1	2.3	1.1	0.6	0.3
-30		0.4	0.8	1.8	2.8	3.4	4.6	6.1	6.1	4.6	3.4	2.8	1.8	0.8	0.4	
-40	0.1	0.3	0.6	1.3	2.3	3.1	3.5	3.7	3.7	3.5	3.1	2.3	1.3	0.6	0.3	0.1
-50		0.2	0.4	0.8	1.5	2.2	2.9	3.4	3.4	2.9	2.2	1.5	0.8	0.4	0.2	
-60	0.0	0.1	0.3	0.5	0.9	1.2	1.6	2.1	2.1	1.6	1.2	0.9	0.5	0.3	0.1	0.0
-70		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	
-80																
-90	0.0	0.1		0.3		0.6		1.1		0.6		0.3		0.1		0.0

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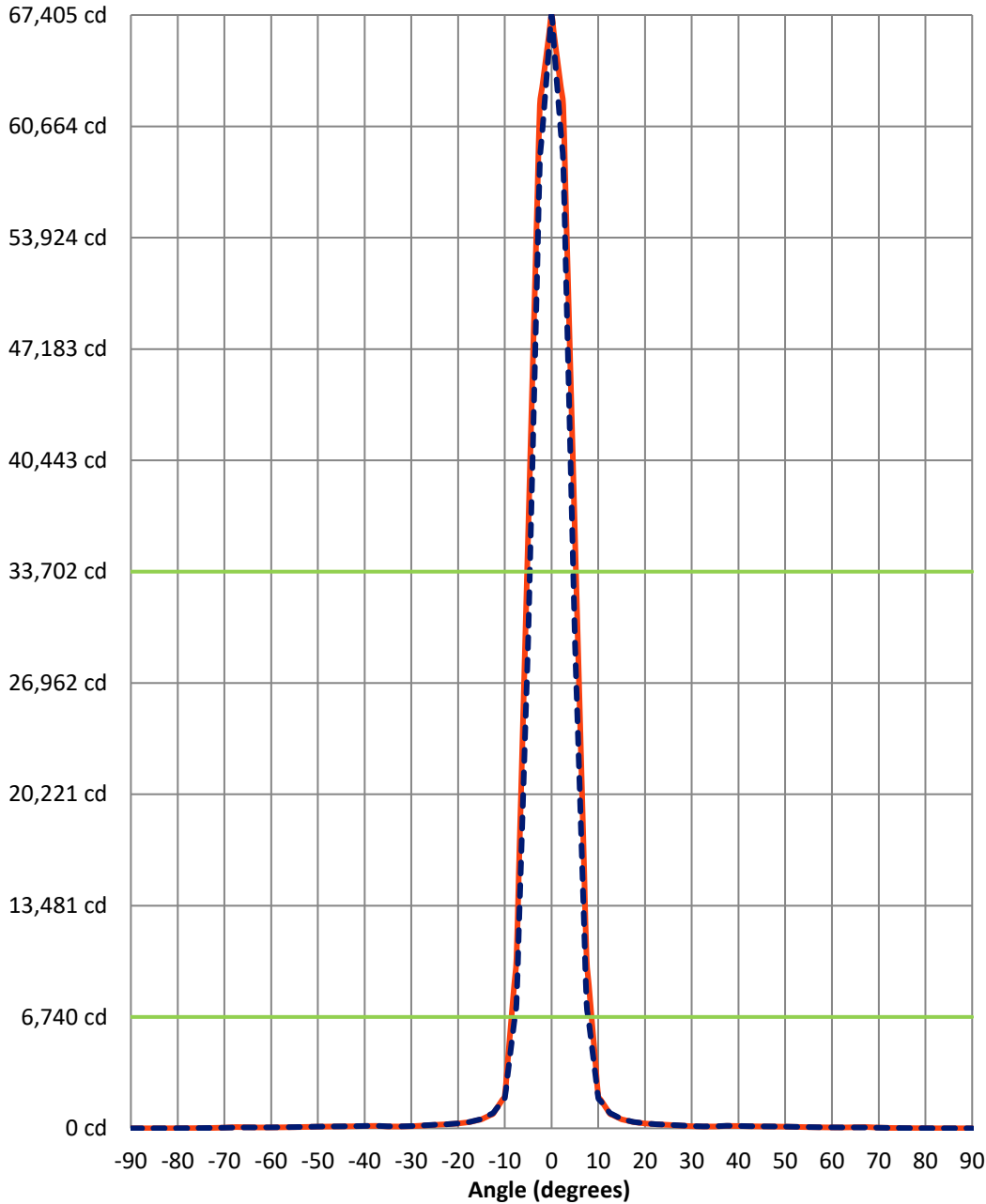
Luminous Intensity Polar Plot



— 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: 1125.1
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 1939
Efficiency: 73.9%

Spill:
Lumens: 685.9
Efficiency: 26.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.9
75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	1.0	1.2
72.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.3	1.5
70°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.2	1.4	1.7	2.1
67.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.8	2.3	2.8
65°	0.0	0.3	0.7	0.8	0.8	0.9	1.4	1.8	2.4	2.9	3.5
62.5°	0.0	0.4	0.7	0.8	0.8	1.2	1.7	2.2	2.9	3.6	4.5
60°	0.0	0.4	0.8	0.8	0.8	1.4	1.9	2.8	3.5	4.6	5.5
57.5°	0.0	0.4	0.8	0.8	1.0	1.7	2.4	3.3	4.3	5.6	6.7
55°	0.0	0.5	0.8	0.8	1.2	1.9	3.0	3.8	5.2	6.6	7.9
52.5°	0.0	0.5	0.8	0.8	1.4	2.2	3.5	4.7	6.2	7.8	9.2
50°	0.0	0.5	0.8	0.8	1.6	2.7	4.1	5.6	7.1	9.0	10.7
47.5°	0.0	0.5	0.8	0.8	1.8	3.2	4.7	6.6	8.2	10.2	12.3
45°	0.0	0.6	0.8	1.0	2.0	3.6	5.5	7.6	9.5	11.7	14.0
42.5°	0.0	0.6	0.9	1.1	2.1	4.1	6.4	8.7	10.9	13.2	16.0
40°	0.0	0.6	0.9	1.2	2.4	4.6	7.3	9.9	12.4	14.9	18.1
37.5°	0.0	0.6	0.9	1.4	2.8	5.1	8.2	11.2	14.1	16.9	20.3
35°	0.0	0.7	0.9	1.5	3.2	5.8	9.1	12.5	15.8	19.3	22.4
32.5°	0.0	0.7	0.9	1.6	3.5	6.5	10.0	13.8	17.6	21.8	25.0
30°	0.0	0.7	0.9	1.7	3.9	7.1	11.0	15.1	19.4	24.4	28.0
27.5°	0.0	0.7	1.0	1.8	4.1	7.8	12.1	16.6	21.3	27.0	31.3
25°	0.0	0.7	1.0	1.8	4.3	8.5	13.1	18.0	23.4	29.7	34.8
22.5°	0.0	0.7	1.0	1.9	4.4	9.0	14.1	19.4	25.6	32.6	37.8
20°	0.0	0.8	1.0	1.9	4.5	9.2	15.1	20.8	27.7	35.6	40.7
17.5°	0.0	0.8	1.1	1.9	4.6	9.3	15.6	22.1	29.8	38.6	43.6
15°	0.0	0.8	1.1	2.0	4.6	9.3	15.7	23.1	31.9	41.7	46.4
12.5°	0.0	0.8	1.1	2.0	4.6	9.3	15.9	23.6	33.2	44.8	49.2
10°	0.0	0.8	1.1	2.0	4.6	9.2	15.9	24.0	33.9	46.0	51.2
7.5°	0.0	0.8	1.1	2.0	4.5	9.1	15.9	24.4	34.4	46.7	51.5
5°	0.0	0.8	1.2	1.9	4.4	8.9	15.8	24.7	34.7	47.2	51.8
2.5°	0.0	0.8	1.2	1.9	4.3	8.7	15.6	24.8	34.9	47.5	52.0
0°	0.0	0.8	1.2	1.9	4.2	8.4	15.3	24.9	34.9	47.5	52.1
-2.5°	0.0	0.8	1.2	1.9	4.3	8.7	15.6	24.8	34.9	47.5	52.0
-5°	0.0	0.8	1.2	1.9	4.4	8.9	15.8	24.7	34.7	47.2	51.8
-7.5°	0.0	0.8	1.1	2.0	4.5	9.1	15.9	24.4	34.4	46.7	51.5
-10°	0.0	0.8	1.1	2.0	4.6	9.2	15.9	24.0	33.9	46.0	51.2
-12.5°	0.0	0.8	1.1	2.0	4.6	9.3	15.9	23.6	33.2	44.8	49.2
-15°	0.0	0.8	1.1	2.0	4.6	9.3	15.7	23.1	31.9	41.7	46.4
-17.5°	0.0	0.8	1.1	1.9	4.6	9.3	15.6	22.1	29.8	38.6	43.6
-20°	0.0	0.8	1.0	1.9	4.5	9.2	15.1	20.8	27.7	35.6	40.7



REPORT NUMBER: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.7	1.0	1.9	4.4	9.0	14.1	19.4	25.6	32.6	37.8
-25°	0.0	0.7	1.0	1.8	4.3	8.5	13.1	18.0	23.4	29.7	34.8
-27.5°	0.0	0.7	1.0	1.8	4.1	7.8	12.1	16.6	21.3	27.0	31.3
-30°	0.0	0.7	0.9	1.7	3.9	7.1	11.0	15.1	19.4	24.4	28.0
-32.5°	0.0	0.7	0.9	1.6	3.5	6.5	10.0	13.8	17.6	21.8	25.0
-35°	0.0	0.7	0.9	1.5	3.2	5.8	9.1	12.5	15.8	19.3	22.4
-37.5°	0.0	0.6	0.9	1.4	2.8	5.1	8.2	11.2	14.1	16.9	20.3
-40°	0.0	0.6	0.9	1.2	2.4	4.6	7.3	9.9	12.4	14.9	18.1
-42.5°	0.0	0.6	0.9	1.1	2.1	4.1	6.4	8.7	10.9	13.2	16.0
-45°	0.0	0.6	0.8	1.0	2.0	3.6	5.5	7.6	9.5	11.7	14.0
-47.5°	0.0	0.5	0.8	0.8	1.8	3.2	4.7	6.6	8.2	10.2	12.3
-50°	0.0	0.5	0.8	0.8	1.6	2.7	4.1	5.6	7.1	9.0	10.7
-52.5°	0.0	0.5	0.8	0.8	1.4	2.2	3.5	4.7	6.2	7.8	9.2
-55°	0.0	0.5	0.8	0.8	1.2	1.9	3.0	3.8	5.2	6.6	7.9
-57.5°	0.0	0.4	0.8	0.8	1.0	1.7	2.4	3.3	4.3	5.6	6.7
-60°	0.0	0.4	0.8	0.8	0.8	1.4	1.9	2.8	3.5	4.6	5.5
-62.5°	0.0	0.4	0.7	0.8	0.8	1.2	1.7	2.2	2.9	3.6	4.5
-65°	0.0	0.3	0.7	0.8	0.8	0.9	1.4	1.8	2.4	2.9	3.5
-67.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.8	2.3	2.8
-70°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.2	1.4	1.7	2.1
-72.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.3	1.5
-75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	1.0	1.2
-77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.9
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
-85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	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: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	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	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
82.5°	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1
80°	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8
77.5°	1.0	1.1	1.3	1.4	1.6	1.9	2.1	2.3	2.6	2.9	3.3
75°	1.3	1.5	1.9	2.3	2.7	3.0	3.3	3.7	4.2	4.8	5.3
72.5°	1.8	2.3	2.8	3.4	4.0	4.6	5.1	5.6	6.4	7.3	8.0
70°	2.5	3.1	3.9	4.8	5.6	6.3	7.3	8.6	9.8	10.5	10.9
67.5°	3.3	4.2	5.2	6.2	7.3	8.5	10.0	11.3	12.6	13.2	13.7
65°	4.3	5.3	6.5	7.7	9.1	10.5	12.0	13.5	14.9	15.6	16.3
62.5°	5.3	6.5	7.9	9.3	10.8	12.3	14.1	15.6	16.8	18.2	19.8
60°	6.5	7.7	9.2	10.8	12.5	14.7	16.5	18.2	19.7	21.3	23.7
57.5°	7.7	8.9	10.6	12.5	14.8	17.3	19.4	21.2	23.3	25.5	28.0
55°	9.1	10.1	12.1	14.4	17.1	20.0	22.4	24.9	27.4	29.4	31.6
52.5°	10.6	11.6	13.7	16.4	19.5	22.7	25.9	28.5	30.8	33.0	35.5
50°	12.3	13.5	15.2	18.4	21.9	25.6	29.2	31.8	34.4	37.0	39.8
47.5°	14.2	15.6	17.0	20.5	24.3	28.1	31.9	35.3	38.1	41.6	44.8
45°	16.3	17.9	19.4	22.6	26.6	30.5	34.7	38.7	42.8	46.9	52.0
42.5°	18.5	20.3	22.2	24.6	28.6	33.0	37.4	42.8	48.0	53.6	60.3
40°	20.7	22.6	24.9	27.1	30.7	35.5	40.9	46.9	54.2	61.6	69.6
37.5°	22.8	25.0	27.4	29.8	32.9	38.3	44.3	52.0	60.8	70.1	80.3
35°	24.8	27.3	29.8	32.6	36.1	41.3	48.7	57.5	68.0	79.7	89.0
32.5°	26.8	29.5	32.0	35.4	39.7	45.0	53.0	63.9	76.1	87.9	94.2
30°	29.3	31.5	34.3	38.0	43.2	50.1	58.7	70.5	84.2	92.4	98.2
27.5°	32.7	33.5	36.6	41.0	46.8	55.0	65.7	77.9	89.3	96.5	101.7
25°	36.0	36.8	38.7	43.9	51.2	60.8	72.8	86.8	93.6	99.6	105.6
22.5°	39.2	40.0	42.5	46.8	55.4	66.8	80.7	92.9	99.4	103.2	109.7
20°	42.1	43.4	46.5	51.5	59.8	72.4	88.3	98.6	104.7	109.3	115.3
17.5°	45.0	46.8	50.6	56.6	65.9	78.7	95.3	104.3	110.2	114.7	122.1
15°	47.8	50.1	54.5	61.4	71.6	85.5	99.9	108.9	115.3	119.7	128.4
12.5°	50.4	53.3	58.2	65.9	76.7	91.3	103.8	111.9	118.3	125.0	134.0
10°	53.0	56.4	61.8	70.0	81.3	96.4	107.1	114.3	120.7	129.2	138.6
7.5°	53.4	57.9	64.7	73.8	85.3	100.7	109.8	116.2	123.1	133.1	142.8
5°	53.4	57.8	64.9	74.8	87.3	103.2	111.7	117.6	125.5	136.5	146.5
2.5°	53.4	57.5	65.0	75.1	87.7	103.5	112.0	118.0	126.8	139.9	150.0
0°	53.3	57.1	64.8	75.2	87.8	103.1	112.0	118.1	127.7	143.0	153.0
-2.5°	53.4	57.5	65.0	75.1	87.7	103.5	112.0	118.0	126.8	139.9	150.0
-5°	53.4	57.8	64.9	74.8	87.3	103.2	111.7	117.6	125.5	136.5	146.5
-7.5°	53.4	57.9	64.7	73.8	85.3	100.7	109.8	116.2	123.1	133.1	142.8
-10°	53.0	56.4	61.8	70.0	81.3	96.4	107.1	114.3	120.7	129.2	138.6
-12.5°	50.4	53.3	58.2	65.9	76.7	91.3	103.8	111.9	118.3	125.0	134.0
-15°	47.8	50.1	54.5	61.4	71.6	85.5	99.9	108.9	115.3	119.7	128.4
-17.5°	45.0	46.8	50.6	56.6	65.9	78.7	95.3	104.3	110.2	114.7	122.1
-20°	42.1	43.4	46.5	51.5	59.8	72.4	88.3	98.6	104.7	109.3	115.3



REPORT NUMBER: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	39.2	40.0	42.5	46.8	55.4	66.8	80.7	92.9	99.4	103.2	109.7
-25°	36.0	36.8	38.7	43.9	51.2	60.8	72.8	86.8	93.6	99.6	105.6
-27.5°	32.7	33.5	36.6	41.0	46.8	55.0	65.7	77.9	89.3	96.5	101.7
-30°	29.3	31.5	34.3	38.0	43.2	50.1	58.7	70.5	84.2	92.4	98.2
-32.5°	26.8	29.5	32.0	35.4	39.7	45.0	53.0	63.9	76.1	87.9	94.2
-35°	24.8	27.3	29.8	32.6	36.1	41.3	48.7	57.5	68.0	79.7	89.0
-37.5°	22.8	25.0	27.4	29.8	32.9	38.3	44.3	52.0	60.8	70.1	80.3
-40°	20.7	22.6	24.9	27.1	30.7	35.5	40.9	46.9	54.2	61.6	69.6
-42.5°	18.5	20.3	22.2	24.6	28.6	33.0	37.4	42.8	48.0	53.6	60.3
-45°	16.3	17.9	19.4	22.6	26.6	30.5	34.7	38.7	42.8	46.9	52.0
-47.5°	14.2	15.6	17.0	20.5	24.3	28.1	31.9	35.3	38.1	41.6	44.8
-50°	12.3	13.5	15.2	18.4	21.9	25.6	29.2	31.8	34.4	37.0	39.8
-52.5°	10.6	11.6	13.7	16.4	19.5	22.7	25.9	28.5	30.8	33.0	35.5
-55°	9.1	10.1	12.1	14.4	17.1	20.0	22.4	24.9	27.4	29.4	31.6
-57.5°	7.7	8.9	10.6	12.5	14.8	17.3	19.4	21.2	23.3	25.5	28.0
-60°	6.5	7.7	9.2	10.8	12.5	14.7	16.5	18.2	19.7	21.3	23.7
-62.5°	5.3	6.5	7.9	9.3	10.8	12.3	14.1	15.6	16.8	18.2	19.8
-65°	4.3	5.3	6.5	7.7	9.1	10.5	12.0	13.5	14.9	15.6	16.3
-67.5°	3.3	4.2	5.2	6.2	7.3	8.5	10.0	11.3	12.6	13.2	13.7
-70°	2.5	3.1	3.9	4.8	5.6	6.3	7.3	8.6	9.8	10.5	10.9
-72.5°	1.8	2.3	2.8	3.4	4.0	4.6	5.1	5.6	6.4	7.3	8.0
-75°	1.3	1.5	1.9	2.3	2.7	3.0	3.3	3.7	4.2	4.8	5.3
-77.5°	1.0	1.1	1.3	1.4	1.6	1.9	2.1	2.3	2.6	2.9	3.3
-80°	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8
-82.5°	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1
-85°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	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: P558537 (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°
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	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
82.5°	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5
80°	2.0	2.2	2.3	2.4	2.5	2.8	3.1	3.4	3.8	3.9	4.0
77.5°	3.7	4.0	4.1	4.2	4.3	4.9	5.7	6.5	7.3	7.8	8.1
75°	5.8	6.1	6.3	6.5	6.6	7.5	8.9	10.3	11.8	12.5	13.1
72.5°	8.4	8.7	8.9	9.1	9.2	10.6	13.0	15.7	18.5	20.2	21.5
70°	11.2	11.5	11.8	12.0	12.1	13.8	17.3	21.1	24.9	28.8	32.9
67.5°	14.2	14.9	15.2	15.4	15.6	17.0	20.7	24.2	27.5	34.4	45.4
65°	17.4	18.9	19.5	19.9	20.0	20.6	23.9	26.8	29.4	34.8	43.2
62.5°	21.5	23.5	24.4	24.8	25.0	25.0	27.7	30.1	32.4	35.8	41.1
60°	26.0	28.1	29.2	29.5	29.7	29.7	31.9	34.3	36.6	39.3	44.3
57.5°	30.1	32.0	33.7	34.3	34.8	35.2	37.0	39.9	42.5	45.3	50.6
55°	33.9	36.3	38.6	39.8	41.0	42.0	43.8	47.5	50.9	54.1	59.7
52.5°	38.2	41.2	44.3	46.5	48.7	50.7	52.7	57.3	61.9	66.3	71.6
50°	43.2	47.0	51.4	55.2	58.3	61.5	64.3	69.9	76.0	81.9	87.6
47.5°	49.6	54.6	60.3	65.6	69.9	74.8	79.2	84.8	90.3	95.8	100.5
45°	57.5	64.4	70.9	77.9	84.1	87.3	89.9	93.5	99.1	104.4	108.8
42.5°	67.6	75.6	83.6	88.8	92.8	95.4	97.3	99.2	105.1	110.3	114.5
40°	78.8	86.8	91.8	96.1	98.8	101.1	104.1	106.9	111.6	116.9	121.6
37.5°	88.4	93.7	98.0	101.3	104.7	107.8	112.0	116.1	120.5	126.5	130.9
35°	94.5	99.0	103.4	107.6	111.9	116.6	121.9	128.0	133.4	128.5	121.4
32.5°	99.0	103.7	109.0	115.5	121.4	127.9	134.5	123.9	113.0	108.8	109.6
30°	103.0	108.4	115.7	124.3	132.4	129.5	115.0	109.9	111.4	114.4	120.1
27.5°	107.2	114.0	122.9	133.4	127.0	110.9	111.8	114.7	124.6	133.1	145.8
25°	112.2	120.4	131.5	126.6	112.0	113.5	120.9	132.1	151.0	168.7	184.1
22.5°	118.3	128.7	130.1	112.0	114.0	123.7	138.8	163.0	186.0	207.3	223.2
20°	124.4	136.5	118.0	114.1	122.7	140.0	168.0	195.9	221.6	240.7	256.6
17.5°	131.8	127.6	114.5	118.6	135.9	165.8	197.4	226.9	251.1	284.1	312.1
15°	138.3	119.1	116.6	130.1	156.1	189.8	224.0	250.6	294.3	341.6	389.4
12.5°	134.6	116.0	120.4	140.4	174.5	211.0	241.2	283.3	341.1	410.1	513.8
10°	129.1	117.7	128.4	154.6	190.3	225.8	257.2	312.3	388.6	515.4	678.7
7.5°	124.9	118.4	133.7	165.4	202.0	234.7	276.7	343.5	449.9	623.7	971.4
5°	121.6	118.4	136.1	171.7	209.0	240.9	288.7	366.1	509.8	757.6	1351.7
2.5°	120.2	117.8	136.8	175.1	212.4	244.4	296.1	382.4	547.6	881.8	1777.3
0°	121.2	116.6	136.5	176.4	214.3	243.9	297.2	387.3	559.1	927.8	1834.4
-2.5°	120.2	117.8	136.8	175.1	212.4	244.4	296.1	382.4	547.6	881.8	1777.3
-5°	121.6	118.4	136.1	171.7	209.0	240.9	288.7	366.1	509.8	757.6	1351.7
-7.5°	124.9	118.4	133.7	165.4	202.0	234.7	276.7	343.5	449.9	623.7	971.4
-10°	129.1	117.7	128.4	154.6	190.3	225.8	257.2	312.3	388.6	515.4	678.7
-12.5°	134.6	116.0	120.4	140.4	174.5	211.0	241.2	283.3	341.1	410.1	513.8
-15°	138.3	119.1	116.6	130.1	156.1	189.8	224.0	250.6	294.3	341.6	389.4
-17.5°	131.8	127.6	114.5	118.6	135.9	165.8	197.4	226.9	251.1	284.1	312.1
-20°	124.4	136.5	118.0	114.1	122.7	140.0	168.0	195.9	221.6	240.7	256.6



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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°	118.3	128.7	130.1	112.0	114.0	123.7	138.8	163.0	186.0	207.3	223.2
-25°	112.2	120.4	131.5	126.6	112.0	113.5	120.9	132.1	151.0	168.7	184.1
-27.5°	107.2	114.0	122.9	133.4	127.0	110.9	111.8	114.7	124.6	133.1	145.8
-30°	103.0	108.4	115.7	124.3	132.4	129.5	115.0	109.9	111.4	114.4	120.1
-32.5°	99.0	103.7	109.0	115.5	121.4	127.9	134.5	123.9	113.0	108.8	109.6
-35°	94.5	99.0	103.4	107.6	111.9	116.6	121.9	128.0	133.4	128.5	121.4
-37.5°	88.4	93.7	98.0	101.3	104.7	107.8	112.0	116.1	120.5	126.5	130.9
-40°	78.8	86.8	91.8	96.1	98.8	101.1	104.1	106.9	111.6	116.9	121.6
-42.5°	67.6	75.6	83.6	88.8	92.8	95.4	97.3	99.2	105.1	110.3	114.5
-45°	57.5	64.4	70.9	77.9	84.1	87.3	89.9	93.5	99.1	104.4	108.8
-47.5°	49.6	54.6	60.3	65.6	69.9	74.8	79.2	84.8	90.3	95.8	100.5
-50°	43.2	47.0	51.4	55.2	58.3	61.5	64.3	69.9	76.0	81.9	87.6
-52.5°	38.2	41.2	44.3	46.5	48.7	50.7	52.7	57.3	61.9	66.3	71.6
-55°	33.9	36.3	38.6	39.8	41.0	42.0	43.8	47.5	50.9	54.1	59.7
-57.5°	30.1	32.0	33.7	34.3	34.8	35.2	37.0	39.9	42.5	45.3	50.6
-60°	26.0	28.1	29.2	29.5	29.7	29.7	31.9	34.3	36.6	39.3	44.3
-62.5°	21.5	23.5	24.4	24.8	25.0	25.0	27.7	30.1	32.4	35.8	41.1
-65°	17.4	18.9	19.5	19.9	20.0	20.6	23.9	26.8	29.4	34.8	43.2
-67.5°	14.2	14.9	15.2	15.4	15.6	17.0	20.7	24.2	27.5	34.4	45.4
-70°	11.2	11.5	11.8	12.0	12.1	13.8	17.3	21.1	24.9	28.8	32.9
-72.5°	8.4	8.7	8.9	9.1	9.2	10.6	13.0	15.7	18.5	20.2	21.5
-75°	5.8	6.1	6.3	6.5	6.6	7.5	8.9	10.3	11.8	12.5	13.1
-77.5°	3.7	4.0	4.1	4.2	4.3	4.9	5.7	6.5	7.3	7.8	8.1
-80°	2.0	2.2	2.3	2.4	2.5	2.8	3.1	3.4	3.8	3.9	4.0
-82.5°	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5
-85°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-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: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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°	4.1	4.2	4.0	3.8	4.0	4.2	4.1	4.0	3.9	3.8	3.4
77.5°	8.4	8.7	8.4	8.1	8.4	8.7	8.4	8.1	7.8	7.3	6.5
75°	13.6	14.1	13.8	13.4	13.8	14.1	13.6	13.1	12.5	11.8	10.3
72.5°	22.7	23.9	23.6	23.0	23.6	23.9	22.7	21.5	20.2	18.5	15.7
70°	37.2	41.6	41.4	40.3	41.4	41.6	37.2	32.9	28.8	24.9	21.1
67.5°	57.3	69.7	73.6	75.5	73.6	69.7	57.3	45.4	34.4	27.5	24.2
65°	51.0	58.5	61.5	63.7	61.5	58.5	51.0	43.2	34.8	29.4	26.8
62.5°	45.9	50.3	51.3	51.4	51.3	50.3	45.9	41.1	35.8	32.4	30.1
60°	49.1	53.8	54.5	53.7	54.5	53.8	49.1	44.3	39.3	36.6	34.3
57.5°	55.8	60.7	61.6	60.6	61.6	60.7	55.8	50.6	45.3	42.5	39.9
55°	65.0	70.0	71.6	71.3	71.6	70.0	65.0	59.7	54.1	50.9	47.5
52.5°	76.8	81.4	83.3	83.2	83.3	81.4	76.8	71.6	66.3	61.9	57.3
50°	92.5	96.6	98.6	98.9	98.6	96.6	92.5	87.6	81.9	76.0	69.9
47.5°	103.8	106.5	107.9	108.1	107.9	106.5	103.8	100.5	95.8	90.3	84.8
45°	110.8	112.2	113.3	114.3	113.3	112.2	110.8	108.8	104.4	99.1	93.5
42.5°	117.3	120.3	122.6	123.1	122.6	120.3	117.3	114.5	110.3	105.1	99.2
40°	126.1	130.2	134.2	138.4	134.2	130.2	126.1	121.6	116.9	111.6	106.9
37.5°	135.4	140.1	143.9	146.1	143.9	140.1	135.4	130.9	126.5	120.5	116.1
35°	116.4	113.3	111.5	110.8	111.5	113.3	116.4	121.4	128.5	133.4	128.0
32.5°	110.2	110.4	110.1	109.3	110.1	110.4	110.2	109.6	108.8	113.0	123.9
30°	124.4	126.4	126.6	126.5	126.6	126.4	124.4	120.1	114.4	111.4	109.9
27.5°	155.3	160.5	162.1	165.3	162.1	160.5	155.3	145.8	133.1	124.6	114.7
25°	196.0	203.9	207.6	209.0	207.6	203.9	196.0	184.1	168.7	151.0	132.1
22.5°	232.2	238.2	241.7	244.6	241.7	238.2	232.2	223.2	207.3	186.0	163.0
20°	275.2	286.1	291.1	291.4	291.1	286.1	275.2	256.6	240.7	221.6	195.9
17.5°	342.2	363.4	373.9	376.9	373.9	363.4	342.2	312.1	284.1	251.1	226.9
15°	447.9	502.0	529.8	543.0	529.8	502.0	447.9	389.4	341.6	294.3	250.6
12.5°	620.3	742.3	841.0	878.2	841.0	742.3	620.3	513.8	410.1	341.1	283.3
10°	961.9	1326.3	1752.0	1950.6	1752.0	1326.3	961.9	678.7	515.4	388.6	312.3
7.5°	1860.9	4320.6	8374.0	10307.6	8374.0	4320.6	1860.9	971.4	623.7	449.9	343.5
5°	3966.4	17118.1	30656.3	36008.5	30656.3	17118.1	3966.4	1351.7	757.6	509.8	366.1
2.5°	6317.8	28075.9	52974.7	61942.9	52974.7	28075.9	6317.8	1777.3	881.8	547.6	382.4
0°	7548.4	29586.8	58456.4	67404.8	58456.4	29586.8	7548.4	1834.4	927.8	559.1	387.3
-2.5°	6317.8	28075.9	52974.7	61942.9	52974.7	28075.9	6317.8	1777.3	881.8	547.6	382.4
-5°	3966.4	17118.1	30656.3	36008.5	30656.3	17118.1	3966.4	1351.7	757.6	509.8	366.1
-7.5°	1860.9	4320.6	8374.0	10307.6	8374.0	4320.6	1860.9	971.4	623.7	449.9	343.5
-10°	961.9	1326.3	1752.0	1950.6	1752.0	1326.3	961.9	678.7	515.4	388.6	312.3
-12.5°	620.3	742.3	841.0	878.2	841.0	742.3	620.3	513.8	410.1	341.1	283.3
-15°	447.9	502.0	529.8	543.0	529.8	502.0	447.9	389.4	341.6	294.3	250.6
-17.5°	342.2	363.4	373.9	376.9	373.9	363.4	342.2	312.1	284.1	251.1	226.9
-20°	275.2	286.1	291.1	291.4	291.1	286.1	275.2	256.6	240.7	221.6	195.9



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 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	232.2	238.2	241.7	244.6	241.7	238.2	232.2	223.2	207.3	186.0	163.0
-25°	196.0	203.9	207.6	209.0	207.6	203.9	196.0	184.1	168.7	151.0	132.1
-27.5°	155.3	160.5	162.1	165.3	162.1	160.5	155.3	145.8	133.1	124.6	114.7
-30°	124.4	126.4	126.6	126.5	126.6	126.4	124.4	120.1	114.4	111.4	109.9
-32.5°	110.2	110.4	110.1	109.3	110.1	110.4	110.2	109.6	108.8	113.0	123.9
-35°	116.4	113.3	111.5	110.8	111.5	113.3	116.4	121.4	128.5	133.4	128.0
-37.5°	135.4	140.1	143.9	146.1	143.9	140.1	135.4	130.9	126.5	120.5	116.1
-40°	126.1	130.2	134.2	138.4	134.2	130.2	126.1	121.6	116.9	111.6	106.9
-42.5°	117.3	120.3	122.6	123.1	122.6	120.3	117.3	114.5	110.3	105.1	99.2
-45°	110.8	112.2	113.3	114.3	113.3	112.2	110.8	108.8	104.4	99.1	93.5
-47.5°	103.8	106.5	107.9	108.1	107.9	106.5	103.8	100.5	95.8	90.3	84.8
-50°	92.5	96.6	98.6	98.9	98.6	96.6	92.5	87.6	81.9	76.0	69.9
-52.5°	76.8	81.4	83.3	83.2	83.3	81.4	76.8	71.6	66.3	61.9	57.3
-55°	65.0	70.0	71.6	71.3	71.6	70.0	65.0	59.7	54.1	50.9	47.5
-57.5°	55.8	60.7	61.6	60.6	61.6	60.7	55.8	50.6	45.3	42.5	39.9
-60°	49.1	53.8	54.5	53.7	54.5	53.8	49.1	44.3	39.3	36.6	34.3
-62.5°	45.9	50.3	51.3	51.4	51.3	50.3	45.9	41.1	35.8	32.4	30.1
-65°	51.0	58.5	61.5	63.7	61.5	58.5	51.0	43.2	34.8	29.4	26.8
-67.5°	57.3	69.7	73.6	75.5	73.6	69.7	57.3	45.4	34.4	27.5	24.2
-70°	37.2	41.6	41.4	40.3	41.4	41.6	37.2	32.9	28.8	24.9	21.1
-72.5°	22.7	23.9	23.6	23.0	23.6	23.9	22.7	21.5	20.2	18.5	15.7
-75°	13.6	14.1	13.8	13.4	13.8	14.1	13.6	13.1	12.5	11.8	10.3
-77.5°	8.4	8.7	8.4	8.1	8.4	8.7	8.4	8.1	7.8	7.3	6.5
-80°	4.1	4.2	4.0	3.8	4.0	4.2	4.1	4.0	3.9	3.8	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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
82.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
80°	3.1	2.8	2.5	2.4	2.3	2.2	2.0	1.8	1.6	1.5	1.4
77.5°	5.7	4.9	4.3	4.2	4.1	4.0	3.7	3.3	2.9	2.6	2.3
75°	8.9	7.5	6.6	6.5	6.3	6.1	5.8	5.3	4.8	4.2	3.7
72.5°	13.0	10.6	9.2	9.1	8.9	8.7	8.4	8.0	7.3	6.4	5.6
70°	17.3	13.8	12.1	12.0	11.8	11.5	11.2	10.9	10.5	9.8	8.6
67.5°	20.7	17.0	15.6	15.4	15.2	14.9	14.2	13.7	13.2	12.6	11.3
65°	23.9	20.6	20.0	19.9	19.5	18.9	17.4	16.3	15.6	14.9	13.5
62.5°	27.7	25.0	25.0	24.8	24.4	23.5	21.5	19.8	18.2	16.8	15.6
60°	31.9	29.7	29.7	29.5	29.2	28.1	26.0	23.7	21.3	19.7	18.2
57.5°	37.0	35.2	34.8	34.3	33.7	32.0	30.1	28.0	25.5	23.3	21.2
55°	43.8	42.0	41.0	39.8	38.6	36.3	33.9	31.6	29.4	27.4	24.9
52.5°	52.7	50.7	48.7	46.5	44.3	41.2	38.2	35.5	33.0	30.8	28.5
50°	64.3	61.5	58.3	55.2	51.4	47.0	43.2	39.8	37.0	34.4	31.8
47.5°	79.2	74.8	69.9	65.6	60.3	54.6	49.6	44.8	41.6	38.1	35.3
45°	89.9	87.3	84.1	77.9	70.9	64.4	57.5	52.0	46.9	42.8	38.7
42.5°	97.3	95.4	92.8	88.8	83.6	75.6	67.6	60.3	53.6	48.0	42.8
40°	104.1	101.1	98.8	96.1	91.8	86.8	78.8	69.6	61.6	54.2	46.9
37.5°	112.0	107.8	104.7	101.3	98.0	93.7	88.4	80.3	70.1	60.8	52.0
35°	121.9	116.6	111.9	107.6	103.4	99.0	94.5	89.0	79.7	68.0	57.5
32.5°	134.5	127.9	121.4	115.5	109.0	103.7	99.0	94.2	87.9	76.1	63.9
30°	115.0	129.5	132.4	124.3	115.7	108.4	103.0	98.2	92.4	84.2	70.5
27.5°	111.8	110.9	127.0	133.4	122.9	114.0	107.2	101.7	96.5	89.3	77.9
25°	120.9	113.5	112.0	126.6	131.5	120.4	112.2	105.6	99.6	93.6	86.8
22.5°	138.8	123.7	114.0	112.0	130.1	128.7	118.3	109.7	103.2	99.4	92.9
20°	168.0	140.0	122.7	114.1	118.0	136.5	124.4	115.3	109.3	104.7	98.6
17.5°	197.4	165.8	135.9	118.6	114.5	127.6	131.8	122.1	114.7	110.2	104.3
15°	224.0	189.8	156.1	130.1	116.6	119.1	138.3	128.4	119.7	115.3	108.9
12.5°	241.2	211.0	174.5	140.4	120.4	116.0	134.6	134.0	125.0	118.3	111.9
10°	257.2	225.8	190.3	154.6	128.4	117.7	129.1	138.6	129.2	120.7	114.3
7.5°	276.7	234.7	202.0	165.4	133.7	118.4	124.9	142.8	133.1	123.1	116.2
5°	288.7	240.9	209.0	171.7	136.1	118.4	121.6	146.5	136.5	125.5	117.6
2.5°	296.1	244.4	212.4	175.1	136.8	117.8	120.2	150.0	139.9	126.8	118.0
0°	297.2	243.9	214.3	176.4	136.5	116.6	121.2	153.0	143.0	127.7	118.1
-2.5°	296.1	244.4	212.4	175.1	136.8	117.8	120.2	150.0	139.9	126.8	118.0
-5°	288.7	240.9	209.0	171.7	136.1	118.4	121.6	146.5	136.5	125.5	117.6
-7.5°	276.7	234.7	202.0	165.4	133.7	118.4	124.9	142.8	133.1	123.1	116.2
-10°	257.2	225.8	190.3	154.6	128.4	117.7	129.1	138.6	129.2	120.7	114.3
-12.5°	241.2	211.0	174.5	140.4	120.4	116.0	134.6	134.0	125.0	118.3	111.9
-15°	224.0	189.8	156.1	130.1	116.6	119.1	138.3	128.4	119.7	115.3	108.9
-17.5°	197.4	165.8	135.9	118.6	114.5	127.6	131.8	122.1	114.7	110.2	104.3
-20°	168.0	140.0	122.7	114.1	118.0	136.5	124.4	115.3	109.3	104.7	98.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	138.8	123.7	114.0	112.0	130.1	128.7	118.3	109.7	103.2	99.4	92.9
-25°	120.9	113.5	112.0	126.6	131.5	120.4	112.2	105.6	99.6	93.6	86.8
-27.5°	111.8	110.9	127.0	133.4	122.9	114.0	107.2	101.7	96.5	89.3	77.9
-30°	115.0	129.5	132.4	124.3	115.7	108.4	103.0	98.2	92.4	84.2	70.5
-32.5°	134.5	127.9	121.4	115.5	109.0	103.7	99.0	94.2	87.9	76.1	63.9
-35°	121.9	116.6	111.9	107.6	103.4	99.0	94.5	89.0	79.7	68.0	57.5
-37.5°	112.0	107.8	104.7	101.3	98.0	93.7	88.4	80.3	70.1	60.8	52.0
-40°	104.1	101.1	98.8	96.1	91.8	86.8	78.8	69.6	61.6	54.2	46.9
-42.5°	97.3	95.4	92.8	88.8	83.6	75.6	67.6	60.3	53.6	48.0	42.8
-45°	89.9	87.3	84.1	77.9	70.9	64.4	57.5	52.0	46.9	42.8	38.7
-47.5°	79.2	74.8	69.9	65.6	60.3	54.6	49.6	44.8	41.6	38.1	35.3
-50°	64.3	61.5	58.3	55.2	51.4	47.0	43.2	39.8	37.0	34.4	31.8
-52.5°	52.7	50.7	48.7	46.5	44.3	41.2	38.2	35.5	33.0	30.8	28.5
-55°	43.8	42.0	41.0	39.8	38.6	36.3	33.9	31.6	29.4	27.4	24.9
-57.5°	37.0	35.2	34.8	34.3	33.7	32.0	30.1	28.0	25.5	23.3	21.2
-60°	31.9	29.7	29.7	29.5	29.2	28.1	26.0	23.7	21.3	19.7	18.2
-62.5°	27.7	25.0	25.0	24.8	24.4	23.5	21.5	19.8	18.2	16.8	15.6
-65°	23.9	20.6	20.0	19.9	19.5	18.9	17.4	16.3	15.6	14.9	13.5
-67.5°	20.7	17.0	15.6	15.4	15.2	14.9	14.2	13.7	13.2	12.6	11.3
-70°	17.3	13.8	12.1	12.0	11.8	11.5	11.2	10.9	10.5	9.8	8.6
-72.5°	13.0	10.6	9.2	9.1	8.9	8.7	8.4	8.0	7.3	6.4	5.6
-75°	8.9	7.5	6.6	6.5	6.3	6.1	5.8	5.3	4.8	4.2	3.7
-77.5°	5.7	4.9	4.3	4.2	4.1	4.0	3.7	3.3	2.9	2.6	2.3
-80°	3.1	2.8	2.5	2.4	2.3	2.2	2.0	1.8	1.6	1.5	1.4
-82.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
-85°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	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: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.5	0.5
82.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
80°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	2.1	1.9	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8
75°	3.3	3.0	2.7	2.3	1.9	1.5	1.3	1.2	1.0	0.8	0.8
72.5°	5.1	4.6	4.0	3.4	2.8	2.3	1.8	1.5	1.3	1.1	0.9
70°	7.3	6.3	5.6	4.8	3.9	3.1	2.5	2.1	1.7	1.4	1.2
67.5°	10.0	8.5	7.3	6.2	5.2	4.2	3.3	2.8	2.3	1.8	1.5
65°	12.0	10.5	9.1	7.7	6.5	5.3	4.3	3.5	2.9	2.4	1.8
62.5°	14.1	12.3	10.8	9.3	7.9	6.5	5.3	4.5	3.6	2.9	2.2
60°	16.5	14.7	12.5	10.8	9.2	7.7	6.5	5.5	4.6	3.5	2.8
57.5°	19.4	17.3	14.8	12.5	10.6	8.9	7.7	6.7	5.6	4.3	3.3
55°	22.4	20.0	17.1	14.4	12.1	10.1	9.1	7.9	6.6	5.2	3.8
52.5°	25.9	22.7	19.5	16.4	13.7	11.6	10.6	9.2	7.8	6.2	4.7
50°	29.2	25.6	21.9	18.4	15.2	13.5	12.3	10.7	9.0	7.1	5.6
47.5°	31.9	28.1	24.3	20.5	17.0	15.6	14.2	12.3	10.2	8.2	6.6
45°	34.7	30.5	26.6	22.6	19.4	17.9	16.3	14.0	11.7	9.5	7.6
42.5°	37.4	33.0	28.6	24.6	22.2	20.3	18.5	16.0	13.2	10.9	8.7
40°	40.9	35.5	30.7	27.1	24.9	22.6	20.7	18.1	14.9	12.4	9.9
37.5°	44.3	38.3	32.9	29.8	27.4	25.0	22.8	20.3	16.9	14.1	11.2
35°	48.7	41.3	36.1	32.6	29.8	27.3	24.8	22.4	19.3	15.8	12.5
32.5°	53.0	45.0	39.7	35.4	32.0	29.5	26.8	25.0	21.8	17.6	13.8
30°	58.7	50.1	43.2	38.0	34.3	31.5	29.3	28.0	24.4	19.4	15.1
27.5°	65.7	55.0	46.8	41.0	36.6	33.5	32.7	31.3	27.0	21.3	16.6
25°	72.8	60.8	51.2	43.9	38.7	36.8	36.0	34.8	29.7	23.4	18.0
22.5°	80.7	66.8	55.4	46.8	42.5	40.0	39.2	37.8	32.6	25.6	19.4
20°	88.3	72.4	59.8	51.5	46.5	43.4	42.1	40.7	35.6	27.7	20.8
17.5°	95.3	78.7	65.9	56.6	50.6	46.8	45.0	43.6	38.6	29.8	22.1
15°	99.9	85.5	71.6	61.4	54.5	50.1	47.8	46.4	41.7	31.9	23.1
12.5°	103.8	91.3	76.7	65.9	58.2	53.3	50.4	49.2	44.8	33.2	23.6
10°	107.1	96.4	81.3	70.0	61.8	56.4	53.0	51.2	46.0	33.9	24.0
7.5°	109.8	100.7	85.3	73.8	64.7	57.9	53.4	51.5	46.7	34.4	24.4
5°	111.7	103.2	87.3	74.8	64.9	57.8	53.4	51.8	47.2	34.7	24.7
2.5°	112.0	103.5	87.7	75.1	65.0	57.5	53.4	52.0	47.5	34.9	24.8
0°	112.0	103.1	87.8	75.2	64.8	57.1	53.3	52.1	47.5	34.9	24.9
-2.5°	112.0	103.5	87.7	75.1	65.0	57.5	53.4	52.0	47.5	34.9	24.8
-5°	111.7	103.2	87.3	74.8	64.9	57.8	53.4	51.8	47.2	34.7	24.7
-7.5°	109.8	100.7	85.3	73.8	64.7	57.9	53.4	51.5	46.7	34.4	24.4
-10°	107.1	96.4	81.3	70.0	61.8	56.4	53.0	51.2	46.0	33.9	24.0
-12.5°	103.8	91.3	76.7	65.9	58.2	53.3	50.4	49.2	44.8	33.2	23.6
-15°	99.9	85.5	71.6	61.4	54.5	50.1	47.8	46.4	41.7	31.9	23.1
-17.5°	95.3	78.7	65.9	56.6	50.6	46.8	45.0	43.6	38.6	29.8	22.1
-20°	88.3	72.4	59.8	51.5	46.5	43.4	42.1	40.7	35.6	27.7	20.8



REPORT NUMBER: P558537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	80.7	66.8	55.4	46.8	42.5	40.0	39.2	37.8	32.6	25.6	19.4
-25°	72.8	60.8	51.2	43.9	38.7	36.8	36.0	34.8	29.7	23.4	18.0
-27.5°	65.7	55.0	46.8	41.0	36.6	33.5	32.7	31.3	27.0	21.3	16.6
-30°	58.7	50.1	43.2	38.0	34.3	31.5	29.3	28.0	24.4	19.4	15.1
-32.5°	53.0	45.0	39.7	35.4	32.0	29.5	26.8	25.0	21.8	17.6	13.8
-35°	48.7	41.3	36.1	32.6	29.8	27.3	24.8	22.4	19.3	15.8	12.5
-37.5°	44.3	38.3	32.9	29.8	27.4	25.0	22.8	20.3	16.9	14.1	11.2
-40°	40.9	35.5	30.7	27.1	24.9	22.6	20.7	18.1	14.9	12.4	9.9
-42.5°	37.4	33.0	28.6	24.6	22.2	20.3	18.5	16.0	13.2	10.9	8.7
-45°	34.7	30.5	26.6	22.6	19.4	17.9	16.3	14.0	11.7	9.5	7.6
-47.5°	31.9	28.1	24.3	20.5	17.0	15.6	14.2	12.3	10.2	8.2	6.6
-50°	29.2	25.6	21.9	18.4	15.2	13.5	12.3	10.7	9.0	7.1	5.6
-52.5°	25.9	22.7	19.5	16.4	13.7	11.6	10.6	9.2	7.8	6.2	4.7
-55°	22.4	20.0	17.1	14.4	12.1	10.1	9.1	7.9	6.6	5.2	3.8
-57.5°	19.4	17.3	14.8	12.5	10.6	8.9	7.7	6.7	5.6	4.3	3.3
-60°	16.5	14.7	12.5	10.8	9.2	7.7	6.5	5.5	4.6	3.5	2.8
-62.5°	14.1	12.3	10.8	9.3	7.9	6.5	5.3	4.5	3.6	2.9	2.2
-65°	12.0	10.5	9.1	7.7	6.5	5.3	4.3	3.5	2.9	2.4	1.8
-67.5°	10.0	8.5	7.3	6.2	5.2	4.2	3.3	2.8	2.3	1.8	1.5
-70°	7.3	6.3	5.6	4.8	3.9	3.1	2.5	2.1	1.7	1.4	1.2
-72.5°	5.1	4.6	4.0	3.4	2.8	2.3	1.8	1.5	1.3	1.1	0.9
-75°	3.3	3.0	2.7	2.3	1.9	1.5	1.3	1.2	1.0	0.8	0.8
-77.5°	2.1	1.9	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8
-80°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
-85°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.5	0.5
-87.5°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	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	0.3	0.2	0.1	0.1	0.0
82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
77.5°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
67.5°	1.1	0.8	0.8	0.8	0.6	0.3	0.0
65°	1.4	0.9	0.8	0.8	0.7	0.3	0.0
62.5°	1.7	1.2	0.8	0.8	0.7	0.4	0.0
60°	1.9	1.4	0.8	0.8	0.8	0.4	0.0
57.5°	2.4	1.7	1.0	0.8	0.8	0.4	0.0
55°	3.0	1.9	1.2	0.8	0.8	0.5	0.0
52.5°	3.5	2.2	1.4	0.8	0.8	0.5	0.0
50°	4.1	2.7	1.6	0.8	0.8	0.5	0.0
47.5°	4.7	3.2	1.8	0.8	0.8	0.5	0.0
45°	5.5	3.6	2.0	1.0	0.8	0.6	0.0
42.5°	6.4	4.1	2.1	1.1	0.9	0.6	0.0
40°	7.3	4.6	2.4	1.2	0.9	0.6	0.0
37.5°	8.2	5.1	2.8	1.4	0.9	0.6	0.0
35°	9.1	5.8	3.2	1.5	0.9	0.7	0.0
32.5°	10.0	6.5	3.5	1.6	0.9	0.7	0.0
30°	11.0	7.1	3.9	1.7	0.9	0.7	0.0
27.5°	12.1	7.8	4.1	1.8	1.0	0.7	0.0
25°	13.1	8.5	4.3	1.8	1.0	0.7	0.0
22.5°	14.1	9.0	4.4	1.9	1.0	0.7	0.0
20°	15.1	9.2	4.5	1.9	1.0	0.8	0.0
17.5°	15.6	9.3	4.6	1.9	1.1	0.8	0.0
15°	15.7	9.3	4.6	2.0	1.1	0.8	0.0
12.5°	15.9	9.3	4.6	2.0	1.1	0.8	0.0
10°	15.9	9.2	4.6	2.0	1.1	0.8	0.0
7.5°	15.9	9.1	4.5	2.0	1.1	0.8	0.0
5°	15.8	8.9	4.4	1.9	1.2	0.8	0.0
2.5°	15.6	8.7	4.3	1.9	1.2	0.8	0.0
0°	15.3	8.4	4.2	1.9	1.2	0.8	0.0
-2.5°	15.6	8.7	4.3	1.9	1.2	0.8	0.0
-5°	15.8	8.9	4.4	1.9	1.2	0.8	0.0
-7.5°	15.9	9.1	4.5	2.0	1.1	0.8	0.0
-10°	15.9	9.2	4.6	2.0	1.1	0.8	0.0
-12.5°	15.9	9.3	4.6	2.0	1.1	0.8	0.0
-15°	15.7	9.3	4.6	2.0	1.1	0.8	0.0
-17.5°	15.6	9.3	4.6	1.9	1.1	0.8	0.0
-20°	15.1	9.2	4.5	1.9	1.0	0.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.1	9.0	4.4	1.9	1.0	0.7	0.0
-25°	13.1	8.5	4.3	1.8	1.0	0.7	0.0
-27.5°	12.1	7.8	4.1	1.8	1.0	0.7	0.0
-30°	11.0	7.1	3.9	1.7	0.9	0.7	0.0
-32.5°	10.0	6.5	3.5	1.6	0.9	0.7	0.0
-35°	9.1	5.8	3.2	1.5	0.9	0.7	0.0
-37.5°	8.2	5.1	2.8	1.4	0.9	0.6	0.0
-40°	7.3	4.6	2.4	1.2	0.9	0.6	0.0
-42.5°	6.4	4.1	2.1	1.1	0.9	0.6	0.0
-45°	5.5	3.6	2.0	1.0	0.8	0.6	0.0
-47.5°	4.7	3.2	1.8	0.8	0.8	0.5	0.0
-50°	4.1	2.7	1.6	0.8	0.8	0.5	0.0
-52.5°	3.5	2.2	1.4	0.8	0.8	0.5	0.0
-55°	3.0	1.9	1.2	0.8	0.8	0.5	0.0
-57.5°	2.4	1.7	1.0	0.8	0.8	0.4	0.0
-60°	1.9	1.4	0.8	0.8	0.8	0.4	0.0
-62.5°	1.7	1.2	0.8	0.8	0.7	0.4	0.0
-65°	1.4	0.9	0.8	0.8	0.7	0.3	0.0
-67.5°	1.1	0.8	0.8	0.8	0.6	0.3	0.0
-70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
-72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
-75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
-77.5°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
-80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.3	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)