

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: P558460 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558460 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-927-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

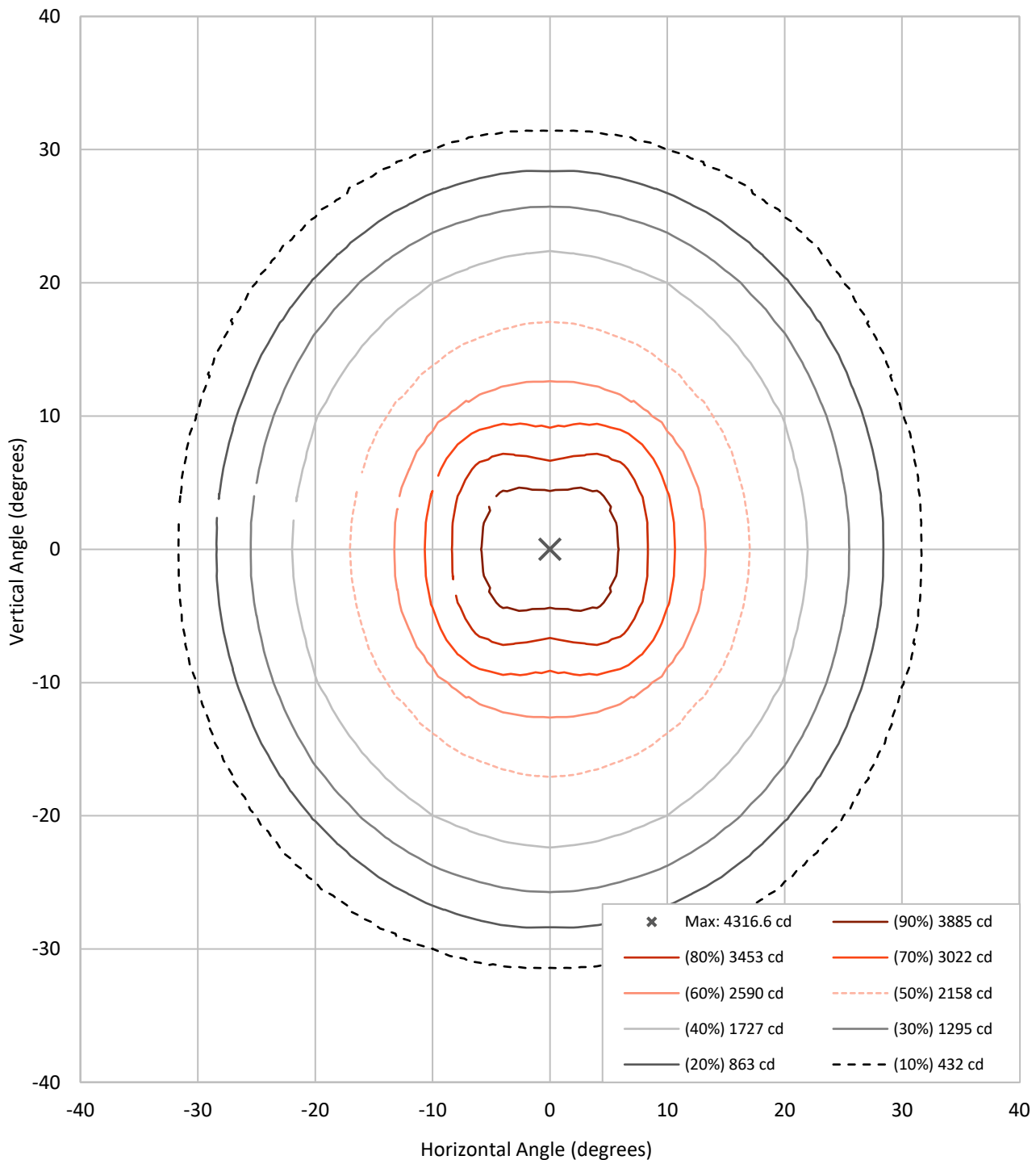
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1909.5 lumens	Max Intensity:	4316.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	813.3 lumens	Field Lumens:	1662.3 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





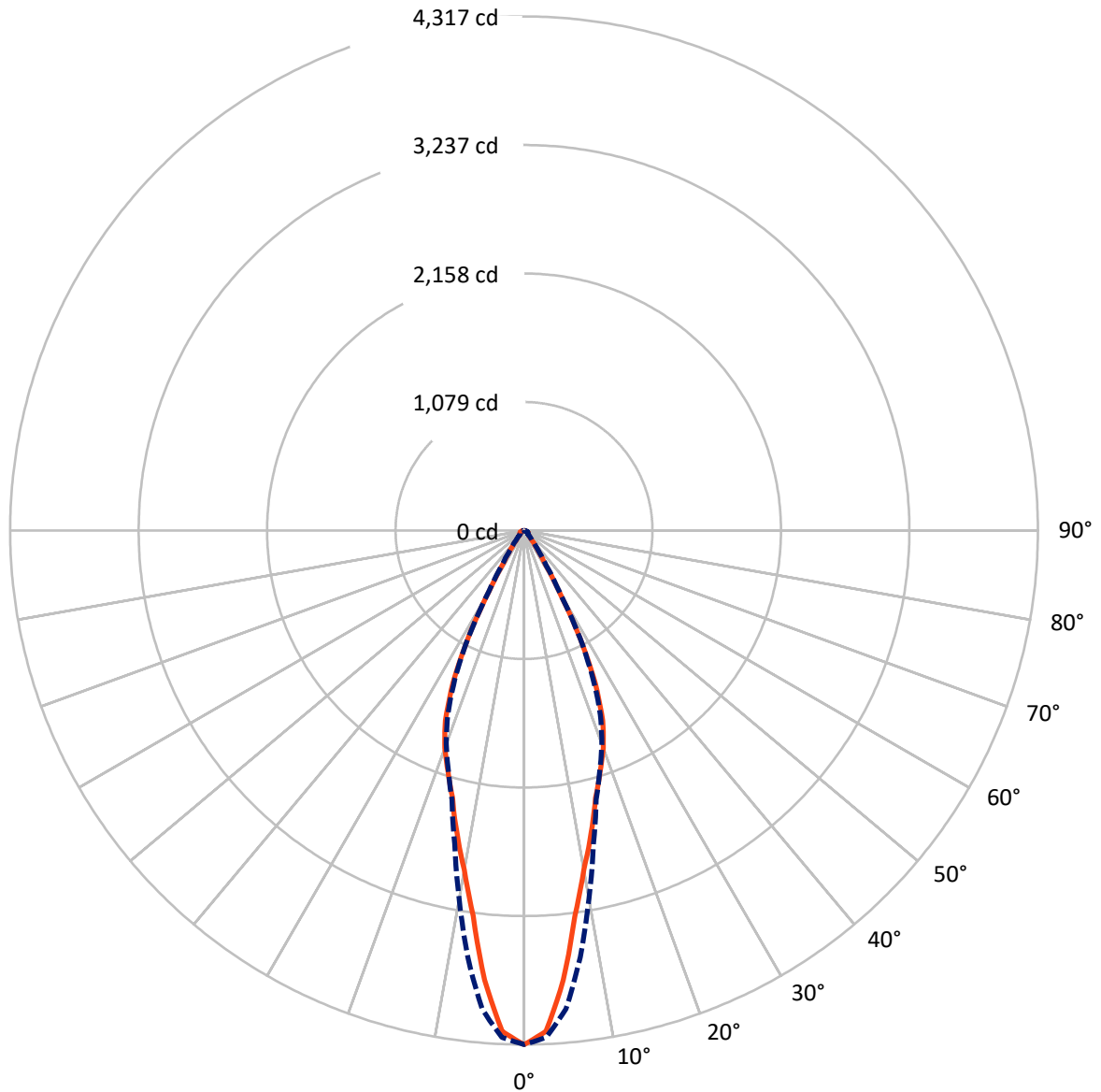
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Lumen Table

90																			
80	0.0	0.2		0.6		1.0		1.1		1.0		0.6		0.2		0.0			
70																			
60	0.1	0.1	0.2	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.2	0.1	0.1			
50		0.2	0.4	0.7	0.9	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.7	0.4	0.2				
40	0.2	0.2	0.5	0.8	0.9	1.2	1.5	1.7	1.7	1.5	1.2	0.9	0.8	0.5	0.2	0.2			
30		0.3	0.6	0.8	1.2	2.4	4.6	7.1	7.1	4.6	2.4	1.2	0.8	0.6	0.3				
20	0.2	0.4	0.7	0.9	2.2	7.4	23.4	38.5	38.5	23.4	7.4	2.2	0.9	0.7	0.4	0.2			
10		0.4	0.7	1.1	4.2	22.0	52.0	68.9	68.9	52.0	22.0	4.2	1.1	0.7	0.4				
0	0.3	0.4	0.7	1.3	6.3	34.7	67.7	106.8	106.8	67.7	34.7	6.3	1.3	0.7	0.4	0.3			
-10		0.4	0.7	1.3	6.3	34.7	67.7	106.8	106.8	67.7	34.7	6.3	1.3	0.7	0.4				
-20	0.2	0.4	0.7	1.1	4.2	22.0	52.0	68.9	68.9	52.0	22.0	4.2	1.1	0.7	0.4	0.2			
-30		0.4	0.7	0.9	2.2	7.4	23.4	38.5	38.5	23.4	7.4	2.2	0.9	0.7	0.4				
-40	0.2	0.3	0.6	0.8	1.2	2.4	4.6	7.1	7.1	4.6	2.4	1.2	0.8	0.6	0.3	0.2			
-50		0.2	0.5	0.8	0.9	1.2	1.5	1.7	1.7	1.5	1.2	0.9	0.8	0.5	0.2				
-60	0.1	0.2	0.4	0.7	0.9	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.7	0.4	0.2	0.1			
-70		0.1	0.2	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.2	0.1				
-80	0.0	0.2		0.6		1.0		1.1		1.0		0.6		0.2		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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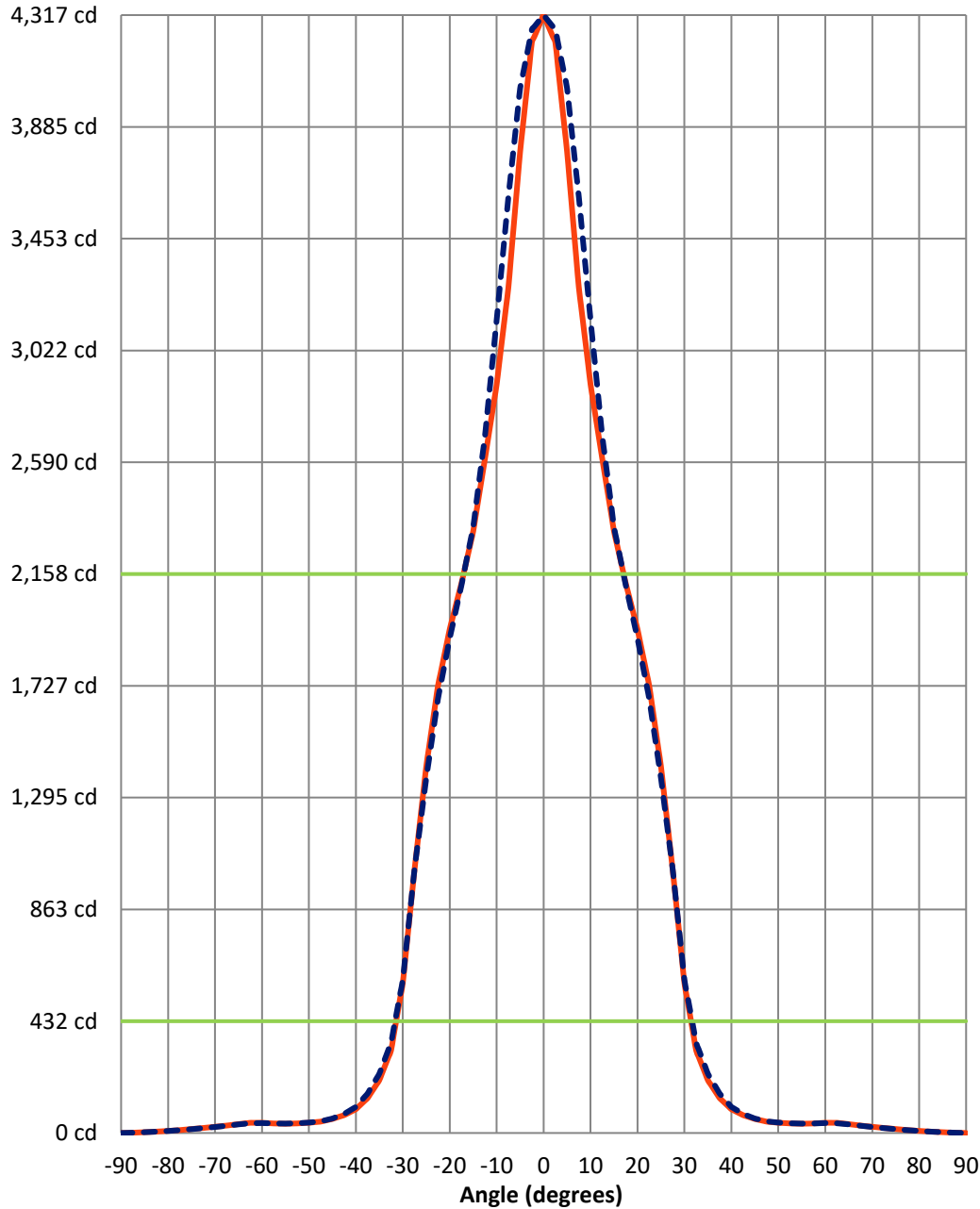
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 813.3
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 1662.3
 Efficiency: 87.1%

Spill:
 Lumens: 247.2
 Efficiency: 12.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.4	1.6
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.5	1.8	2.1	2.3
77.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.7	2.1	2.4	2.8	3.1
75°	0.0	0.3	0.6	0.9	1.2	1.7	2.2	2.6	3.1	3.5	4.0
72.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.7	3.2	3.8	4.3	4.9
70°	0.0	0.4	0.8	1.1	1.8	2.5	3.1	3.8	4.4	5.1	6.0
67.5°	0.0	0.4	0.8	1.4	2.1	2.8	3.6	4.4	5.1	6.1	7.1
65°	0.0	0.5	0.9	1.6	2.4	3.2	4.1	4.9	6.0	7.1	8.3
62.5°	0.0	0.5	1.0	1.8	2.7	3.7	4.6	5.6	6.9	8.1	9.7
60°	0.0	0.5	1.1	2.0	3.0	4.1	5.1	6.4	7.7	9.3	11.0
57.5°	0.0	0.6	1.2	2.2	3.3	4.5	5.7	7.1	8.7	10.5	12.3
55°	0.0	0.6	1.4	2.4	3.6	4.9	6.3	7.8	9.7	11.7	13.6
52.5°	0.0	0.7	1.5	2.6	3.9	5.3	6.9	8.7	10.7	12.8	14.9
50°	0.0	0.7	1.6	2.8	4.2	5.8	7.5	9.5	11.7	13.8	16.2
47.5°	0.0	0.7	1.7	3.0	4.5	6.2	8.1	10.3	12.6	14.9	17.5
45°	0.0	0.8	1.9	3.2	4.8	6.7	8.7	11.0	13.4	16.0	18.8
42.5°	0.0	0.8	2.0	3.4	5.1	7.1	9.3	11.8	14.3	17.1	20.2
40°	0.0	0.8	2.1	3.6	5.4	7.5	9.9	12.5	15.1	18.2	21.4
37.5°	0.0	0.9	2.2	3.8	5.7	7.9	10.4	13.1	16.0	19.3	22.7
35°	0.0	0.9	2.3	4.0	6.0	8.3	10.9	13.8	16.9	20.3	23.9
32.5°	0.0	0.9	2.4	4.2	6.3	8.7	11.4	14.4	17.7	21.3	25.0
30°	0.0	1.0	2.5	4.3	6.6	9.1	11.9	15.0	18.5	22.2	26.1
27.5°	0.0	1.0	2.6	4.5	6.8	9.4	12.3	15.6	19.2	23.1	27.1
25°	0.0	1.0	2.7	4.6	7.0	9.7	12.8	16.1	19.9	23.9	28.0
22.5°	0.0	1.0	2.7	4.7	7.2	10.0	13.1	16.7	20.5	24.6	28.9
20°	0.0	1.0	2.8	4.8	7.4	10.2	13.5	17.1	21.1	25.3	29.7
17.5°	0.0	1.0	2.9	4.9	7.5	10.4	13.8	17.5	21.6	25.9	30.4
15°	0.0	1.1	2.9	5.0	7.6	10.6	14.0	17.9	22.1	26.4	31.0
12.5°	0.0	1.1	3.0	5.0	7.7	10.7	14.3	18.2	22.4	26.8	31.6
10°	0.0	1.1	3.0	5.1	7.8	10.8	14.5	18.5	22.7	27.2	32.0
7.5°	0.0	1.1	3.0	5.1	7.9	10.9	14.6	18.6	22.9	27.5	32.5
5°	0.0	1.1	3.1	5.1	7.9	11.0	14.7	18.8	23.0	27.7	32.9
2.5°	0.0	1.1	3.1	5.1	7.9	11.0	14.8	18.9	23.1	27.9	33.1
0°	0.0	1.1	3.1	5.1	7.9	11.0	14.8	18.9	23.1	28.0	33.3
-2.5°	0.0	1.1	3.1	5.1	7.9	11.0	14.8	18.9	23.1	27.9	33.1
-5°	0.0	1.1	3.1	5.1	7.9	11.0	14.7	18.8	23.0	27.7	32.9
-7.5°	0.0	1.1	3.0	5.1	7.9	10.9	14.6	18.6	22.9	27.5	32.5
-10°	0.0	1.1	3.0	5.1	7.8	10.8	14.5	18.5	22.7	27.2	32.0
-12.5°	0.0	1.1	3.0	5.0	7.7	10.7	14.3	18.2	22.4	26.8	31.6
-15°	0.0	1.1	2.9	5.0	7.6	10.6	14.0	17.9	22.1	26.4	31.0
-17.5°	0.0	1.0	2.9	4.9	7.5	10.4	13.8	17.5	21.6	25.9	30.4
-20°	0.0	1.0	2.8	4.8	7.4	10.2	13.5	17.1	21.1	25.3	29.7



REPORT NUMBER: P558460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.0	2.7	4.7	7.2	10.0	13.1	16.7	20.5	24.6	28.9
-25°	0.0	1.0	2.7	4.6	7.0	9.7	12.8	16.1	19.9	23.9	28.0
-27.5°	0.0	1.0	2.6	4.5	6.8	9.4	12.3	15.6	19.2	23.1	27.1
-30°	0.0	1.0	2.5	4.3	6.6	9.1	11.9	15.0	18.5	22.2	26.1
-32.5°	0.0	0.9	2.4	4.2	6.3	8.7	11.4	14.4	17.7	21.3	25.0
-35°	0.0	0.9	2.3	4.0	6.0	8.3	10.9	13.8	16.9	20.3	23.9
-37.5°	0.0	0.9	2.2	3.8	5.7	7.9	10.4	13.1	16.0	19.3	22.7
-40°	0.0	0.8	2.1	3.6	5.4	7.5	9.9	12.5	15.1	18.2	21.4
-42.5°	0.0	0.8	2.0	3.4	5.1	7.1	9.3	11.8	14.3	17.1	20.2
-45°	0.0	0.8	1.9	3.2	4.8	6.7	8.7	11.0	13.4	16.0	18.8
-47.5°	0.0	0.7	1.7	3.0	4.5	6.2	8.1	10.3	12.6	14.9	17.5
-50°	0.0	0.7	1.6	2.8	4.2	5.8	7.5	9.5	11.7	13.8	16.2
-52.5°	0.0	0.7	1.5	2.6	3.9	5.3	6.9	8.7	10.7	12.8	14.9
-55°	0.0	0.6	1.4	2.4	3.6	4.9	6.3	7.8	9.7	11.7	13.6
-57.5°	0.0	0.6	1.2	2.2	3.3	4.5	5.7	7.1	8.7	10.5	12.3
-60°	0.0	0.5	1.1	2.0	3.0	4.1	5.1	6.4	7.7	9.3	11.0
-62.5°	0.0	0.5	1.0	1.8	2.7	3.7	4.6	5.6	6.9	8.1	9.7
-65°	0.0	0.5	0.9	1.6	2.4	3.2	4.1	4.9	6.0	7.1	8.3
-67.5°	0.0	0.4	0.8	1.4	2.1	2.8	3.6	4.4	5.1	6.1	7.1
-70°	0.0	0.4	0.8	1.1	1.8	2.5	3.1	3.8	4.4	5.1	6.0
-72.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.7	3.2	3.8	4.3	4.9
-75°	0.0	0.3	0.6	0.9	1.2	1.7	2.2	2.6	3.1	3.5	4.0
-77.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.7	2.1	2.4	2.8	3.1
-80°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.5	1.8	2.1	2.3
-82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.4	1.6
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1A-927-U-MR-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°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0
82.5°	1.8	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.5	3.7
80°	2.6	2.9	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8
77.5°	3.6	4.0	4.5	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.1
75°	4.6	5.1	5.8	6.5	7.1	7.8	8.4	9.1	9.8	10.3	10.9
72.5°	5.7	6.5	7.3	8.1	9.0	9.9	10.7	11.6	12.3	13.0	13.7
70°	6.9	7.8	8.9	10.0	11.0	12.1	13.0	14.0	14.9	15.8	16.8
67.5°	8.2	9.4	10.7	11.9	13.1	14.3	15.4	16.6	17.7	18.9	20.0
65°	9.7	11.1	12.5	13.9	15.3	16.6	18.0	19.4	20.7	22.1	23.3
62.5°	11.1	12.7	14.3	15.9	17.5	19.1	20.7	22.3	23.8	25.4	26.9
60°	12.7	14.4	16.2	17.9	19.7	21.6	23.4	25.3	27.2	28.9	30.7
57.5°	14.2	16.1	18.0	20.0	22.1	24.2	26.3	28.4	30.6	32.7	34.5
55°	15.7	17.7	19.9	22.2	24.5	26.9	29.3	31.7	34.1	35.8	37.4
52.5°	17.2	19.4	21.9	24.4	27.0	29.6	32.4	34.8	36.7	38.2	38.5
50°	18.6	21.2	23.8	26.6	29.4	32.4	35.1	37.2	38.3	38.7	38.5
47.5°	20.2	22.9	25.8	28.7	31.9	34.8	37.3	38.4	38.9	38.3	37.6
45°	21.7	24.7	27.7	31.0	34.1	36.8	38.2	39.0	38.3	37.6	37.1
42.5°	23.2	26.4	29.7	33.1	36.0	37.9	38.8	38.3	37.7	37.2	37.4
40°	24.7	28.0	31.6	34.8	37.4	38.4	38.3	37.7	37.4	37.6	38.4
37.5°	26.1	29.8	33.4	36.5	37.9	38.3	37.6	37.3	37.6	38.4	40.1
35°	27.5	31.4	34.9	37.5	38.4	37.8	37.3	37.2	38.2	39.9	42.4
32.5°	28.9	33.0	36.3	37.9	38.1	37.3	36.9	37.8	39.3	41.6	45.8
30°	30.2	34.2	37.3	38.3	37.6	37.0	37.2	38.4	40.5	44.4	51.0
27.5°	31.4	35.3	37.6	38.1	37.2	36.7	37.6	39.4	42.5	47.7	57.1
25°	32.5	36.3	37.9	37.7	37.0	36.9	38.1	40.3	44.6	52.9	66.0
22.5°	33.4	37.2	38.2	37.4	36.7	37.2	38.9	42.0	47.7	57.9	75.1
20°	34.2	37.4	38.1	37.1	36.4	37.4	39.6	43.7	51.8	65.6	85.4
17.5°	34.8	37.6	37.9	36.9	36.6	37.8	40.4	45.1	55.5	72.3	95.4
15°	35.5	37.8	37.6	36.7	36.8	38.3	41.5	47.9	60.0	78.6	104.3
12.5°	36.0	38.0	37.4	36.6	36.9	38.8	42.6	50.4	64.3	85.4	118.5
10°	36.4	38.1	37.2	36.5	37.0	39.1	43.4	52.4	67.7	91.2	130.5
7.5°	36.8	38.2	37.0	36.4	37.1	39.3	44.0	53.8	70.1	95.9	139.5
5°	37.1	38.2	36.9	36.3	37.2	39.6	44.5	54.8	71.6	99.3	145.5
2.5°	37.3	38.3	36.8	36.3	37.4	40.0	44.9	55.5	72.8	100.9	149.7
0°	37.4	38.3	36.8	36.3	37.5	40.3	45.0	55.8	73.4	100.9	152.3
-2.5°	37.3	38.3	36.8	36.3	37.4	40.0	44.9	55.5	72.8	100.9	149.7
-5°	37.1	38.2	36.9	36.3	37.2	39.6	44.5	54.8	71.6	99.3	145.5
-7.5°	36.8	38.2	37.0	36.4	37.1	39.3	44.0	53.8	70.1	95.9	139.5
-10°	36.4	38.1	37.2	36.5	37.0	39.1	43.4	52.4	67.7	91.2	130.5
-12.5°	36.0	38.0	37.4	36.6	36.9	38.8	42.6	50.4	64.3	85.4	118.5
-15°	35.5	37.8	37.6	36.7	36.8	38.3	41.5	47.9	60.0	78.6	104.3
-17.5°	34.8	37.6	37.9	36.9	36.6	37.8	40.4	45.1	55.5	72.3	95.4
-20°	34.2	37.4	38.1	37.1	36.4	37.4	39.6	43.7	51.8	65.6	85.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	33.4	37.2	38.2	37.4	36.7	37.2	38.9	42.0	47.7	57.9	75.1
-25°	32.5	36.3	37.9	37.7	37.0	36.9	38.1	40.3	44.6	52.9	66.0
-27.5°	31.4	35.3	37.6	38.1	37.2	36.7	37.6	39.4	42.5	47.7	57.1
-30°	30.2	34.2	37.3	38.3	37.6	37.0	37.2	38.4	40.5	44.4	51.0
-32.5°	28.9	33.0	36.3	37.9	38.1	37.3	36.9	37.8	39.3	41.6	45.8
-35°	27.5	31.4	34.9	37.5	38.4	37.8	37.3	37.2	38.2	39.9	42.4
-37.5°	26.1	29.8	33.4	36.5	37.9	38.3	37.6	37.3	37.6	38.4	40.1
-40°	24.7	28.0	31.6	34.8	37.4	38.4	38.3	37.7	37.4	37.6	38.4
-42.5°	23.2	26.4	29.7	33.1	36.0	37.9	38.8	38.3	37.7	37.2	37.4
-45°	21.7	24.7	27.7	31.0	34.1	36.8	38.2	39.0	38.3	37.6	37.1
-47.5°	20.2	22.9	25.8	28.7	31.9	34.8	37.3	38.4	38.9	38.3	37.6
-50°	18.6	21.2	23.8	26.6	29.4	32.4	35.1	37.2	38.3	38.7	38.5
-52.5°	17.2	19.4	21.9	24.4	27.0	29.6	32.4	34.8	36.7	38.2	38.5
-55°	15.7	17.7	19.9	22.2	24.5	26.9	29.3	31.7	34.1	35.8	37.4
-57.5°	14.2	16.1	18.0	20.0	22.1	24.2	26.3	28.4	30.6	32.7	34.5
-60°	12.7	14.4	16.2	17.9	19.7	21.6	23.4	25.3	27.2	28.9	30.7
-62.5°	11.1	12.7	14.3	15.9	17.5	19.1	20.7	22.3	23.8	25.4	26.9
-65°	9.7	11.1	12.5	13.9	15.3	16.6	18.0	19.4	20.7	22.1	23.3
-67.5°	8.2	9.4	10.7	11.9	13.1	14.3	15.4	16.6	17.7	18.9	20.0
-70°	6.9	7.8	8.9	10.0	11.0	12.1	13.0	14.0	14.9	15.8	16.8
-72.5°	5.7	6.5	7.3	8.1	9.0	9.9	10.7	11.6	12.3	13.0	13.7
-75°	4.6	5.1	5.8	6.5	7.1	7.8	8.4	9.1	9.8	10.3	10.9
-77.5°	3.6	4.0	4.5	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.1
-80°	2.6	2.9	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8
-82.5°	1.8	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.2	3.5	3.7
-85°	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0
-87.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0
85°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.8
82.5°	3.9	4.1	4.3	4.5	4.6	4.7	4.9	5.0	5.1	5.1	5.2
80°	6.1	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.5	7.7	7.9
77.5°	8.5	8.9	9.3	9.6	9.9	10.2	10.4	10.7	10.9	11.1	11.2
75°	11.4	11.8	12.3	12.8	13.2	13.6	14.0	14.4	14.7	15.0	15.1
72.5°	14.4	15.1	15.7	16.2	16.7	17.2	17.7	18.2	18.6	18.9	19.2
70°	17.7	18.5	19.2	19.8	20.5	21.1	21.7	22.3	22.7	23.1	23.4
67.5°	21.1	22.0	22.9	23.7	24.6	25.3	26.1	26.8	27.4	27.9	28.2
65°	24.5	25.7	26.8	27.9	28.8	29.7	30.6	31.5	32.3	32.9	33.4
62.5°	28.4	29.8	31.1	32.2	33.3	34.1	35.0	35.8	36.5	37.2	37.9
60°	32.4	34.0	35.1	36.1	36.9	37.7	38.0	38.4	38.6	38.8	39.1
57.5°	35.9	37.2	38.2	38.4	38.6	38.7	38.6	38.3	38.0	37.7	37.4
55°	38.3	38.7	39.1	38.8	38.2	37.7	37.3	37.0	36.7	36.4	36.2
52.5°	38.9	38.5	38.1	37.6	37.2	36.8	36.4	36.5	36.7	36.8	36.8
50°	37.9	37.5	37.3	37.0	37.1	37.2	37.4	37.8	38.2	38.5	38.8
47.5°	37.2	37.0	37.3	37.8	38.2	39.0	39.7	40.4	41.4	42.3	43.0
45°	37.0	37.7	38.5	39.6	40.6	42.3	43.9	45.3	47.8	50.1	52.0
42.5°	38.1	39.3	40.6	42.8	45.2	48.2	52.2	55.5	59.4	63.0	65.6
40°	39.8	41.6	44.5	48.1	53.6	58.6	65.1	70.6	75.9	81.4	85.6
37.5°	42.3	45.6	51.1	57.5	65.9	74.0	83.0	91.7	99.1	110.4	119.2
35°	46.0	52.6	60.5	71.1	82.2	94.6	107.7	124.6	139.5	157.0	173.5
32.5°	52.7	61.7	73.9	88.4	103.0	124.5	144.8	172.3	197.0	227.8	261.0
30°	60.6	74.0	90.4	109.2	135.9	165.4	198.8	240.9	291.0	350.6	430.7
27.5°	71.4	88.7	109.2	139.9	177.6	217.2	276.3	347.2	476.3	588.9	738.0
25°	83.1	104.1	136.8	177.9	227.5	298.8	414.4	561.9	770.8	970.5	1130.1
22.5°	96.6	127.3	168.5	219.7	300.0	438.1	617.6	877.3	1110.1	1311.5	1466.6
20°	111.5	150.0	205.4	283.5	420.4	622.7	910.8	1177.3	1415.1	1588.5	1725.5
17.5°	130.8	181.1	251.3	359.2	569.3	881.1	1178.0	1441.4	1648.4	1800.7	1922.2
15°	148.8	209.8	300.7	484.8	771.5	1104.8	1409.1	1644.1	1823.3	1965.0	2074.2
12.5°	170.1	241.9	358.5	593.3	957.5	1289.3	1573.3	1792.7	1965.1	2098.0	2244.4
10°	189.0	276.5	441.3	738.0	1110.3	1434.4	1710.2	1907.3	2080.2	2253.4	2472.9
7.5°	204.7	305.6	509.2	860.0	1227.5	1541.7	1792.9	1989.9	2180.5	2411.8	2728.4
5°	217.1	327.4	565.0	952.1	1312.7	1618.2	1856.1	2055.8	2271.1	2580.4	3005.4
2.5°	225.4	341.8	599.9	1007.8	1366.5	1662.2	1903.0	2098.9	2324.6	2674.8	3118.8
0°	228.7	348.4	591.0	1017.9	1369.8	1676.5	1909.9	2115.0	2339.8	2690.7	3139.6
-2.5°	225.4	341.8	599.9	1007.8	1366.5	1662.2	1903.0	2098.9	2324.6	2674.8	3118.8
-5°	217.1	327.4	565.0	952.1	1312.7	1618.2	1856.1	2055.8	2271.1	2580.4	3005.4
-7.5°	204.7	305.6	509.2	860.0	1227.5	1541.7	1792.9	1989.9	2180.5	2411.8	2728.4
-10°	189.0	276.5	441.3	738.0	1110.3	1434.4	1710.2	1907.3	2080.2	2253.4	2472.9
-12.5°	170.1	241.9	358.5	593.3	957.5	1289.3	1573.3	1792.7	1965.1	2098.0	2244.4
-15°	148.8	209.8	300.7	484.8	771.5	1104.8	1409.1	1644.1	1823.3	1965.0	2074.2
-17.5°	130.8	181.1	251.3	359.2	569.3	881.1	1178.0	1441.4	1648.4	1800.7	1922.2
-20°	111.5	150.0	205.4	283.5	420.4	622.7	910.8	1177.3	1415.1	1588.5	1725.5



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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°	96.6	127.3	168.5	219.7	300.0	438.1	617.6	877.3	1110.1	1311.5	1466.6
-25°	83.1	104.1	136.8	177.9	227.5	298.8	414.4	561.9	770.8	970.5	1130.1
-27.5°	71.4	88.7	109.2	139.9	177.6	217.2	276.3	347.2	476.3	588.9	738.0
-30°	60.6	74.0	90.4	109.2	135.9	165.4	198.8	240.9	291.0	350.6	430.7
-32.5°	52.7	61.7	73.9	88.4	103.0	124.5	144.8	172.3	197.0	227.8	261.0
-35°	46.0	52.6	60.5	71.1	82.2	94.6	107.7	124.6	139.5	157.0	173.5
-37.5°	42.3	45.6	51.1	57.5	65.9	74.0	83.0	91.7	99.1	110.4	119.2
-40°	39.8	41.6	44.5	48.1	53.6	58.6	65.1	70.6	75.9	81.4	85.6
-42.5°	38.1	39.3	40.6	42.8	45.2	48.2	52.2	55.5	59.4	63.0	65.6
-45°	37.0	37.7	38.5	39.6	40.6	42.3	43.9	45.3	47.8	50.1	52.0
-47.5°	37.2	37.0	37.3	37.8	38.2	39.0	39.7	40.4	41.4	42.3	43.0
-50°	37.9	37.5	37.3	37.0	37.1	37.2	37.4	37.8	38.2	38.5	38.8
-52.5°	38.9	38.5	38.1	37.6	37.2	36.8	36.4	36.5	36.7	36.8	36.8
-55°	38.3	38.7	39.1	38.8	38.2	37.7	37.3	37.0	36.7	36.4	36.2
-57.5°	35.9	37.2	38.2	38.4	38.6	38.7	38.6	38.3	38.0	37.7	37.4
-60°	32.4	34.0	35.1	36.1	36.9	37.7	38.0	38.4	38.6	38.8	39.1
-62.5°	28.4	29.8	31.1	32.2	33.3	34.1	35.0	35.8	36.5	37.2	37.9
-65°	24.5	25.7	26.8	27.9	28.8	29.7	30.6	31.5	32.3	32.9	33.4
-67.5°	21.1	22.0	22.9	23.7	24.6	25.3	26.1	26.8	27.4	27.9	28.2
-70°	17.7	18.5	19.2	19.8	20.5	21.1	21.7	22.3	22.7	23.1	23.4
-72.5°	14.4	15.1	15.7	16.2	16.7	17.2	17.7	18.2	18.6	18.9	19.2
-75°	11.4	11.8	12.3	12.8	13.2	13.6	14.0	14.4	14.7	15.0	15.1
-77.5°	8.5	8.9	9.3	9.6	9.9	10.2	10.4	10.7	10.9	11.1	11.2
-80°	6.1	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.5	7.7	7.9
-82.5°	3.9	4.1	4.3	4.5	4.6	4.7	4.9	5.0	5.1	5.1	5.2
-85°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.8
-87.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0
-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):

	-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°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
85°	2.9	2.9	3.0	3.1	3.0	2.9	2.9	2.8	2.8	2.8	2.7
82.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.0
80°	8.0	8.2	8.1	8.1	8.1	8.2	8.0	7.9	7.7	7.5	7.5
77.5°	11.3	11.3	11.3	11.2	11.3	11.3	11.3	11.2	11.1	10.9	10.7
75°	15.2	15.3	15.4	15.4	15.4	15.3	15.2	15.1	15.0	14.7	14.4
72.5°	19.3	19.5	19.5	19.4	19.5	19.5	19.3	19.2	18.9	18.6	18.2
70°	23.7	23.9	24.0	24.0	24.0	23.9	23.7	23.4	23.1	22.7	22.3
67.5°	28.4	28.5	28.7	28.7	28.7	28.5	28.4	28.2	27.9	27.4	26.8
65°	33.8	34.2	34.3	34.2	34.3	34.2	33.8	33.4	32.9	32.3	31.5
62.5°	38.5	39.1	39.3	39.4	39.3	39.1	38.5	37.9	37.2	36.5	35.8
60°	39.3	39.5	39.5	39.5	39.5	39.5	39.3	39.1	38.8	38.6	38.4
57.5°	37.2	37.0	36.8	36.8	36.8	37.0	37.2	37.4	37.7	38.0	38.3
55°	36.0	35.8	35.7	35.7	35.7	35.8	36.0	36.2	36.4	36.7	37.0
52.5°	36.8	36.8	36.9	37.0	36.9	36.8	36.8	36.8	36.8	36.7	36.5
50°	39.0	39.2	39.4	39.5	39.4	39.2	39.0	38.8	38.5	38.2	37.8
47.5°	43.4	43.7	43.8	43.9	43.8	43.7	43.4	43.0	42.3	41.4	40.4
45°	53.2	53.8	54.1	54.2	54.1	53.8	53.2	52.0	50.1	47.8	45.3
42.5°	67.4	68.3	68.7	68.8	68.7	68.3	67.4	65.6	63.0	59.4	55.5
40°	88.6	90.3	91.1	91.7	91.1	90.3	88.6	85.6	81.4	75.9	70.6
37.5°	125.8	130.1	132.5	134.6	132.5	130.1	125.8	119.2	110.4	99.1	91.7
35°	186.8	196.6	202.4	203.6	202.4	196.6	186.8	173.5	157.0	139.5	124.6
32.5°	286.5	305.7	317.1	318.6	317.1	305.7	286.5	261.0	227.8	197.0	172.3
30°	492.8	546.6	583.5	578.4	583.5	546.6	492.8	430.7	350.6	291.0	240.9
27.5°	860.2	957.7	1021.1	1015.8	1021.1	957.7	860.2	738.0	588.9	476.3	347.2
25°	1252.8	1342.6	1395.6	1415.2	1395.6	1342.6	1252.8	1130.1	970.5	770.8	561.9
22.5°	1573.4	1653.7	1699.6	1727.0	1699.6	1653.7	1573.4	1466.6	1311.5	1110.1	877.3
20°	1819.1	1888.7	1928.1	1945.1	1928.1	1888.7	1819.1	1725.5	1588.5	1415.1	1177.3
17.5°	2008.1	2066.4	2111.0	2122.5	2111.0	2066.4	2008.1	1922.2	1800.7	1648.4	1441.4
15°	2175.2	2250.5	2303.2	2322.8	2303.2	2250.5	2175.2	2074.2	1965.0	1823.3	1644.1
12.5°	2386.0	2516.9	2586.5	2602.6	2586.5	2516.9	2386.0	2244.4	2098.0	1965.1	1792.7
10°	2697.6	2898.8	2921.6	2890.4	2921.6	2898.8	2697.6	2472.9	2253.4	2080.2	1907.3
7.5°	3151.4	3419.7	3361.7	3265.1	3361.7	3419.7	3151.4	2728.4	2411.8	2180.5	1989.9
5°	3476.1	3848.6	3860.2	3789.3	3860.2	3848.6	3476.1	3005.4	2580.4	2271.1	2055.8
2.5°	3605.4	3988.9	4179.7	4211.1	4179.7	3988.9	3605.4	3118.8	2674.8	2324.6	2098.9
0°	3615.1	4034.1	4260.3	4316.6	4260.3	4034.1	3615.1	3139.6	2690.7	2339.8	2115.0
-2.5°	3605.4	3988.9	4179.7	4211.1	4179.7	3988.9	3605.4	3118.8	2674.8	2324.6	2098.9
-5°	3476.1	3848.6	3860.2	3789.3	3860.2	3848.6	3476.1	3005.4	2580.4	2271.1	2055.8
-7.5°	3151.4	3419.7	3361.7	3265.1	3361.7	3419.7	3151.4	2728.4	2411.8	2180.5	1989.9
-10°	2697.6	2898.8	2921.6	2890.4	2921.6	2898.8	2697.6	2472.9	2253.4	2080.2	1907.3
-12.5°	2386.0	2516.9	2586.5	2602.6	2586.5	2516.9	2386.0	2244.4	2098.0	1965.1	1792.7
-15°	2175.2	2250.5	2303.2	2322.8	2303.2	2250.5	2175.2	2074.2	1965.0	1823.3	1644.1
-17.5°	2008.1	2066.4	2111.0	2122.5	2111.0	2066.4	2008.1	1922.2	1800.7	1648.4	1441.4
-20°	1819.1	1888.7	1928.1	1945.1	1928.1	1888.7	1819.1	1725.5	1588.5	1415.1	1177.3



REPORT NUMBER: P558460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1573.4	1653.7	1699.6	1727.0	1699.6	1653.7	1573.4	1466.6	1311.5	1110.1	877.3
-25°	1252.8	1342.6	1395.6	1415.2	1395.6	1342.6	1252.8	1130.1	970.5	770.8	561.9
-27.5°	860.2	957.7	1021.1	1015.8	1021.1	957.7	860.2	738.0	588.9	476.3	347.2
-30°	492.8	546.6	583.5	578.4	583.5	546.6	492.8	430.7	350.6	291.0	240.9
-32.5°	286.5	305.7	317.1	318.6	317.1	305.7	286.5	261.0	227.8	197.0	172.3
-35°	186.8	196.6	202.4	203.6	202.4	196.6	186.8	173.5	157.0	139.5	124.6
-37.5°	125.8	130.1	132.5	134.6	132.5	130.1	125.8	119.2	110.4	99.1	91.7
-40°	88.6	90.3	91.1	91.7	91.1	90.3	88.6	85.6	81.4	75.9	70.6
-42.5°	67.4	68.3	68.7	68.8	68.7	68.3	67.4	65.6	63.0	59.4	55.5
-45°	53.2	53.8	54.1	54.2	54.1	53.8	53.2	52.0	50.1	47.8	45.3
-47.5°	43.4	43.7	43.8	43.9	43.8	43.7	43.4	43.0	42.3	41.4	40.4
-50°	39.0	39.2	39.4	39.5	39.4	39.2	39.0	38.8	38.5	38.2	37.8
-52.5°	36.8	36.8	36.9	37.0	36.9	36.8	36.8	36.8	36.8	36.7	36.5
-55°	36.0	35.8	35.7	35.7	35.7	35.8	36.0	36.2	36.4	36.7	37.0
-57.5°	37.2	37.0	36.8	36.8	36.8	37.0	37.2	37.4	37.7	38.0	38.3
-60°	39.3	39.5	39.5	39.5	39.5	39.5	39.3	39.1	38.8	38.6	38.4
-62.5°	38.5	39.1	39.3	39.4	39.3	39.1	38.5	37.9	37.2	36.5	35.8
-65°	33.8	34.2	34.3	34.2	34.3	34.2	33.8	33.4	32.9	32.3	31.5
-67.5°	28.4	28.5	28.7	28.7	28.7	28.5	28.4	28.2	27.9	27.4	26.8
-70°	23.7	23.9	24.0	24.0	24.0	23.9	23.7	23.4	23.1	22.7	22.3
-72.5°	19.3	19.5	19.5	19.4	19.5	19.5	19.3	19.2	18.9	18.6	18.2
-75°	15.2	15.3	15.4	15.4	15.4	15.3	15.2	15.1	15.0	14.7	14.4
-77.5°	11.3	11.3	11.3	11.2	11.3	11.3	11.3	11.2	11.1	10.9	10.7
-80°	8.0	8.2	8.1	8.1	8.1	8.2	8.0	7.9	7.7	7.5	7.5
-82.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.0
-85°	2.9	2.9	3.0	3.1	3.0	2.9	2.9	2.8	2.8	2.8	2.7
-87.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558460 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8
85°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8
82.5°	4.9	4.7	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.0
80°	7.3	7.2	7.0	6.8	6.6	6.4	6.1	5.8	5.5	5.1	4.8
77.5°	10.4	10.2	9.9	9.6	9.3	8.9	8.5	8.1	7.8	7.4	6.9
75°	14.0	13.6	13.2	12.8	12.3	11.8	11.4	10.9	10.3	9.8	9.1
72.5°	17.7	17.2	16.7	16.2	15.7	15.1	14.4	13.7	13.0	12.3	11.6
70°	21.7	21.1	20.5	19.8	19.2	18.5	17.7	16.8	15.8	14.9	14.0
67.5°	26.1	25.3	24.6	23.7	22.9	22.0	21.1	20.0	18.9	17.7	16.6
65°	30.6	29.7	28.8	27.9	26.8	25.7	24.5	23.3	22.1	20.7	19.4
62.5°	35.0	34.1	33.3	32.2	31.1	29.8	28.4	26.9	25.4	23.8	22.3
60°	38.0	37.7	36.9	36.1	35.1	34.0	32.4	30.7	28.9	27.2	25.3
57.5°	38.6	38.7	38.6	38.4	38.2	37.2	35.9	34.5	32.7	30.6	28.4
55°	37.3	37.7	38.2	38.8	39.1	38.7	38.3	37.4	35.8	34.1	31.7
52.5°	36.4	36.8	37.2	37.6	38.1	38.5	38.9	38.5	38.2	36.7	34.8
50°	37.4	37.2	37.1	37.0	37.3	37.5	37.9	38.5	38.7	38.3	37.2
47.5°	39.7	39.0	38.2	37.8	37.3	37.0	37.2	37.6	38.3	38.9	38.4
45°	43.9	42.3	40.6	39.6	38.5	37.7	37.0	37.1	37.6	38.3	39.0
42.5°	52.2	48.2	45.2	42.8	40.6	39.3	38.1	37.4	37.2	37.7	38.3
40°	65.1	58.6	53.6	48.1	44.5	41.6	39.8	38.4	37.6	37.4	37.7
37.5°	83.0	74.0	65.9	57.5	51.1	45.6	42.3	40.1	38.4	37.6	37.3
35°	107.7	94.6	82.2	71.1	60.5	52.6	46.0	42.4	39.9	38.2	37.2
32.5°	144.8	124.5	103.0	88.4	73.9	61.7	52.7	45.8	41.6	39.3	37.8
30°	198.8	165.4	135.9	109.2	90.4	74.0	60.6	51.0	44.4	40.5	38.4
27.5°	276.3	217.2	177.6	139.9	109.2	88.7	71.4	57.1	47.7	42.5	39.4
25°	414.4	298.8	227.5	177.9	136.8	104.1	83.1	66.0	52.9	44.6	40.3
22.5°	617.6	438.1	300.0	219.7	168.5	127.3	96.6	75.1	57.9	47.7	42.0
20°	910.8	622.7	420.4	283.5	205.4	150.0	111.5	85.4	65.6	51.8	43.7
17.5°	1178.0	881.1	569.3	359.2	251.3	181.1	130.8	95.4	72.3	55.5	45.1
15°	1409.1	1104.8	771.5	484.8	300.7	209.8	148.8	104.3	78.6	60.0	47.9
12.5°	1573.3	1289.3	957.5	593.3	358.5	241.9	170.1	118.5	85.4	64.3	50.4
10°	1710.2	1434.4	1110.3	738.0	441.3	276.5	189.0	130.5	91.2	67.7	52.4
7.5°	1792.9	1541.7	1227.5	860.0	509.2	305.6	204.7	139.5	95.9	70.1	53.8
5°	1856.1	1618.2	1312.7	952.1	565.0	327.4	217.1	145.5	99.3	71.6	54.8
2.5°	1903.0	1662.2	1366.5	1007.8	599.9	341.8	225.4	149.7	100.9	72.8	55.5
0°	1909.9	1676.5	1369.8	1017.9	591.0	348.4	228.7	152.3	100.9	73.4	55.8
-2.5°	1903.0	1662.2	1366.5	1007.8	599.9	341.8	225.4	149.7	100.9	72.8	55.5
-5°	1856.1	1618.2	1312.7	952.1	565.0	327.4	217.1	145.5	99.3	71.6	54.8
-7.5°	1792.9	1541.7	1227.5	860.0	509.2	305.6	204.7	139.5	95.9	70.1	53.8
-10°	1710.2	1434.4	1110.3	738.0	441.3	276.5	189.0	130.5	91.2	67.7	52.4
-12.5°	1573.3	1289.3	957.5	593.3	358.5	241.9	170.1	118.5	85.4	64.3	50.4
-15°	1409.1	1104.8	771.5	484.8	300.7	209.8	148.8	104.3	78.6	60.0	47.9
-17.5°	1178.0	881.1	569.3	359.2	251.3	181.1	130.8	95.4	72.3	55.5	45.1
-20°	910.8	622.7	420.4	283.5	205.4	150.0	111.5	85.4	65.6	51.8	43.7



REPORT NUMBER: P558460 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	617.6	438.1	300.0	219.7	168.5	127.3	96.6	75.1	57.9	47.7	42.0
-25°	414.4	298.8	227.5	177.9	136.8	104.1	83.1	66.0	52.9	44.6	40.3
-27.5°	276.3	217.2	177.6	139.9	109.2	88.7	71.4	57.1	47.7	42.5	39.4
-30°	198.8	165.4	135.9	109.2	90.4	74.0	60.6	51.0	44.4	40.5	38.4
-32.5°	144.8	124.5	103.0	88.4	73.9	61.7	52.7	45.8	41.6	39.3	37.8
-35°	107.7	94.6	82.2	71.1	60.5	52.6	46.0	42.4	39.9	38.2	37.2
-37.5°	83.0	74.0	65.9	57.5	51.1	45.6	42.3	40.1	38.4	37.6	37.3
-40°	65.1	58.6	53.6	48.1	44.5	41.6	39.8	38.4	37.6	37.4	37.7
-42.5°	52.2	48.2	45.2	42.8	40.6	39.3	38.1	37.4	37.2	37.7	38.3
-45°	43.9	42.3	40.6	39.6	38.5	37.7	37.0	37.1	37.6	38.3	39.0
-47.5°	39.7	39.0	38.2	37.8	37.3	37.0	37.2	37.6	38.3	38.9	38.4
-50°	37.4	37.2	37.1	37.0	37.3	37.5	37.9	38.5	38.7	38.3	37.2
-52.5°	36.4	36.8	37.2	37.6	38.1	38.5	38.9	38.5	38.2	36.7	34.8
-55°	37.3	37.7	38.2	38.8	39.1	38.7	38.3	37.4	35.8	34.1	31.7
-57.5°	38.6	38.7	38.6	38.4	38.2	37.2	35.9	34.5	32.7	30.6	28.4
-60°	38.0	37.7	36.9	36.1	35.1	34.0	32.4	30.7	28.9	27.2	25.3
-62.5°	35.0	34.1	33.3	32.2	31.1	29.8	28.4	26.9	25.4	23.8	22.3
-65°	30.6	29.7	28.8	27.9	26.8	25.7	24.5	23.3	22.1	20.7	19.4
-67.5°	26.1	25.3	24.6	23.7	22.9	22.0	21.1	20.0	18.9	17.7	16.6
-70°	21.7	21.1	20.5	19.8	19.2	18.5	17.7	16.8	15.8	14.9	14.0
-72.5°	17.7	17.2	16.7	16.2	15.7	15.1	14.4	13.7	13.0	12.3	11.6
-75°	14.0	13.6	13.2	12.8	12.3	11.8	11.4	10.9	10.3	9.8	9.1
-77.5°	10.4	10.2	9.9	9.6	9.3	8.9	8.5	8.1	7.8	7.4	6.9
-80°	7.3	7.2	7.0	6.8	6.6	6.4	6.1	5.8	5.5	5.1	4.8
-82.5°	4.9	4.7	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.0
-85°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8
-87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
85°	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7
82.5°	2.8	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4	1.1	1.0
80°	4.5	4.2	3.9	3.6	3.2	2.9	2.6	2.3	2.1	1.8	1.5
77.5°	6.4	5.9	5.4	4.9	4.5	4.0	3.6	3.1	2.8	2.4	2.1
75°	8.4	7.8	7.1	6.5	5.8	5.1	4.6	4.0	3.5	3.1	2.6
72.5°	10.7	9.9	9.0	8.1	7.3	6.5	5.7	4.9	4.3	3.8	3.2
70°	13.0	12.1	11.0	10.0	8.9	7.8	6.9	6.0	5.1	4.4	3.8
67.5°	15.4	14.3	13.1	11.9	10.7	9.4	8.2	7.1	6.1	5.1	4.4
65°	18.0	16.6	15.3	13.9	12.5	11.1	9.7	8.3	7.1	6.0	4.9
62.5°	20.7	19.1	17.5	15.9	14.3	12.7	11.1	9.7	8.1	6.9	5.6
60°	23.4	21.6	19.7	17.9	16.2	14.4	12.7	11.0	9.3	7.7	6.4
57.5°	26.3	24.2	22.1	20.0	18.0	16.1	14.2	12.3	10.5	8.7	7.1
55°	29.3	26.9	24.5	22.2	19.9	17.7	15.7	13.6	11.7	9.7	7.8
52.5°	32.4	29.6	27.0	24.4	21.9	19.4	17.2	14.9	12.8	10.7	8.7
50°	35.1	32.4	29.4	26.6	23.8	21.2	18.6	16.2	13.8	11.7	9.5
47.5°	37.3	34.8	31.9	28.7	25.8	22.9	20.2	17.5	14.9	12.6	10.3
45°	38.2	36.8	34.1	31.0	27.7	24.7	21.7	18.8	16.0	13.4	11.0
42.5°	38.8	37.9	36.0	33.1	29.7	26.4	23.2	20.2	17.1	14.3	11.8
40°	38.3	38.4	37.4	34.8	31.6	28.0	24.7	21.4	18.2	15.1	12.5
37.5°	37.6	38.3	37.9	36.5	33.4	29.8	26.1	22.7	19.3	16.0	13.1
35°	37.3	37.8	38.4	37.5	34.9	31.4	27.5	23.9	20.3	16.9	13.8
32.5°	36.9	37.3	38.1	37.9	36.3	33.0	28.9	25.0	21.3	17.7	14.4
30°	37.2	37.0	37.6	38.3	37.3	34.2	30.2	26.1	22.2	18.5	15.0
27.5°	37.6	36.7	37.2	38.1	37.6	35.3	31.4	27.1	23.1	19.2	15.6
25°	38.1	36.9	37.0	37.7	37.9	36.3	32.5	28.0	23.9	19.9	16.1
22.5°	38.9	37.2	36.7	37.4	38.2	37.2	33.4	28.9	24.6	20.5	16.7
20°	39.6	37.4	36.4	37.1	38.1	37.4	34.2	29.7	25.3	21.1	17.1
17.5°	40.4	37.8	36.6	36.9	37.9	37.6	34.8	30.4	25.9	21.6	17.5
15°	41.5	38.3	36.8	36.7	37.6	37.8	35.5	31.0	26.4	22.1	17.9
12.5°	42.6	38.8	36.9	36.6	37.4	38.0	36.0	31.6	26.8	22.4	18.2
10°	43.4	39.1	37.0	36.5	37.2	38.1	36.4	32.0	27.2	22.7	18.5
7.5°	44.0	39.3	37.1	36.4	37.0	38.2	36.8	32.5	27.5	22.9	18.6
5°	44.5	39.6	37.2	36.3	36.9	38.2	37.1	32.9	27.7	23.0	18.8
2.5°	44.9	40.0	37.4	36.3	36.8	38.3	37.3	33.1	27.9	23.1	18.9
0°	45.0	40.3	37.5	36.3	36.8	38.3	37.4	33.3	28.0	23.1	18.9
-2.5°	44.9	40.0	37.4	36.3	36.8	38.3	37.3	33.1	27.9	23.1	18.9
-5°	44.5	39.6	37.2	36.3	36.9	38.2	37.1	32.9	27.7	23.0	18.8
-7.5°	44.0	39.3	37.1	36.4	37.0	38.2	36.8	32.5	27.5	22.9	18.6
-10°	43.4	39.1	37.0	36.5	37.2	38.1	36.4	32.0	27.2	22.7	18.5
-12.5°	42.6	38.8	36.9	36.6	37.4	38.0	36.0	31.6	26.8	22.4	18.2
-15°	41.5	38.3	36.8	36.7	37.6	37.8	35.5	31.0	26.4	22.1	17.9
-17.5°	40.4	37.8	36.6	36.9	37.9	37.6	34.8	30.4	25.9	21.6	17.5
-20°	39.6	37.4	36.4	37.1	38.1	37.4	34.2	29.7	25.3	21.1	17.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	38.9	37.2	36.7	37.4	38.2	37.2	33.4	28.9	24.6	20.5	16.7
-25°	38.1	36.9	37.0	37.7	37.9	36.3	32.5	28.0	23.9	19.9	16.1
-27.5°	37.6	36.7	37.2	38.1	37.6	35.3	31.4	27.1	23.1	19.2	15.6
-30°	37.2	37.0	37.6	38.3	37.3	34.2	30.2	26.1	22.2	18.5	15.0
-32.5°	36.9	37.3	38.1	37.9	36.3	33.0	28.9	25.0	21.3	17.7	14.4
-35°	37.3	37.8	38.4	37.5	34.9	31.4	27.5	23.9	20.3	16.9	13.8
-37.5°	37.6	38.3	37.9	36.5	33.4	29.8	26.1	22.7	19.3	16.0	13.1
-40°	38.3	38.4	37.4	34.8	31.6	28.0	24.7	21.4	18.2	15.1	12.5
-42.5°	38.8	37.9	36.0	33.1	29.7	26.4	23.2	20.2	17.1	14.3	11.8
-45°	38.2	36.8	34.1	31.0	27.7	24.7	21.7	18.8	16.0	13.4	11.0
-47.5°	37.3	34.8	31.9	28.7	25.8	22.9	20.2	17.5	14.9	12.6	10.3
-50°	35.1	32.4	29.4	26.6	23.8	21.2	18.6	16.2	13.8	11.7	9.5
-52.5°	32.4	29.6	27.0	24.4	21.9	19.4	17.2	14.9	12.8	10.7	8.7
-55°	29.3	26.9	24.5	22.2	19.9	17.7	15.7	13.6	11.7	9.7	7.8
-57.5°	26.3	24.2	22.1	20.0	18.0	16.1	14.2	12.3	10.5	8.7	7.1
-60°	23.4	21.6	19.7	17.9	16.2	14.4	12.7	11.0	9.3	7.7	6.4
-62.5°	20.7	19.1	17.5	15.9	14.3	12.7	11.1	9.7	8.1	6.9	5.6
-65°	18.0	16.6	15.3	13.9	12.5	11.1	9.7	8.3	7.1	6.0	4.9
-67.5°	15.4	14.3	13.1	11.9	10.7	9.4	8.2	7.1	6.1	5.1	4.4
-70°	13.0	12.1	11.0	10.0	8.9	7.8	6.9	6.0	5.1	4.4	3.8
-72.5°	10.7	9.9	9.0	8.1	7.3	6.5	5.7	4.9	4.3	3.8	3.2
-75°	8.4	7.8	7.1	6.5	5.8	5.1	4.6	4.0	3.5	3.1	2.6
-77.5°	6.4	5.9	5.4	4.9	4.5	4.0	3.6	3.1	2.8	2.4	2.1
-80°	4.5	4.2	3.9	3.6	3.2	2.9	2.6	2.3	2.1	1.8	1.5
-82.5°	2.8	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4	1.1	1.0
-85°	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7
-87.5°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.2	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.7	1.2	0.9	0.7	0.5	0.2	0.0
75°	2.2	1.7	1.2	0.9	0.6	0.3	0.0
72.5°	2.7	2.1	1.5	1.0	0.7	0.3	0.0
70°	3.1	2.5	1.8	1.1	0.8	0.4	0.0
67.5°	3.6	2.8	2.1	1.4	0.8	0.4	0.0
65°	4.1	3.2	2.4	1.6	0.9	0.5	0.0
62.5°	4.6	3.7	2.7	1.8	1.0	0.5	0.0
60°	5.1	4.1	3.0	2.0	1.1	0.5	0.0
57.5°	5.7	4.5	3.3	2.2	1.2	0.6	0.0
55°	6.3	4.9	3.6	2.4	1.4	0.6	0.0
52.5°	6.9	5.3	3.9	2.6	1.5	0.7	0.0
50°	7.5	5.8	4.2	2.8	1.6	0.7	0.0
47.5°	8.1	6.2	4.5	3.0	1.7	0.7	0.0
45°	8.7	6.7	4.8	3.2	1.9	0.8	0.0
42.5°	9.3	7.1	5.1	3.4	2.0	0.8	0.0
40°	9.9	7.5	5.4	3.6	2.1	0.8	0.0
37.5°	10.4	7.9	5.7	3.8	2.2	0.9	0.0
35°	10.9	8.3	6.0	4.0	2.3	0.9	0.0
32.5°	11.4	8.7	6.3	4.2	2.4	0.9	0.0
30°	11.9	9.1	6.6	4.3	2.5	1.0	0.0
27.5°	12.3	9.4	6.8	4.5	2.6	1.0	0.0
25°	12.8	9.7	7.0	4.6	2.7	1.0	0.0
22.5°	13.1	10.0	7.2	4.7	2.7	1.0	0.0
20°	13.5	10.2	7.4	4.8	2.8	1.0	0.0
17.5°	13.8	10.4	7.5	4.9	2.9	1.0	0.0
15°	14.0	10.6	7.6	5.0	2.9	1.1	0.0
12.5°	14.3	10.7	7.7	5.0	3.0	1.1	0.0
10°	14.5	10.8	7.8	5.1	3.0	1.1	0.0
7.5°	14.6	10.9	7.9	5.1	3.0	1.1	0.0
5°	14.7	11.0	7.9	5.1	3.1	1.1	0.0
2.5°	14.8	11.0	7.9	5.1	3.1	1.1	0.0
0°	14.8	11.0	7.9	5.1	3.1	1.1	0.0
-2.5°	14.8	11.0	7.9	5.1	3.1	1.1	0.0
-5°	14.7	11.0	7.9	5.1	3.1	1.1	0.0
-7.5°	14.6	10.9	7.9	5.1	3.0	1.1	0.0
-10°	14.5	10.8	7.8	5.1	3.0	1.1	0.0
-12.5°	14.3	10.7	7.7	5.0	3.0	1.1	0.0
-15°	14.0	10.6	7.6	5.0	2.9	1.1	0.0
-17.5°	13.8	10.4	7.5	4.9	2.9	1.0	0.0
-20°	13.5	10.2	7.4	4.8	2.8	1.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.1	10.0	7.2	4.7	2.7	1.0	0.0
-25°	12.8	9.7	7.0	4.6	2.7	1.0	0.0
-27.5°	12.3	9.4	6.8	4.5	2.6	1.0	0.0
-30°	11.9	9.1	6.6	4.3	2.5	1.0	0.0
-32.5°	11.4	8.7	6.3	4.2	2.4	0.9	0.0
-35°	10.9	8.3	6.0	4.0	2.3	0.9	0.0
-37.5°	10.4	7.9	5.7	3.8	2.2	0.9	0.0
-40°	9.9	7.5	5.4	3.6	2.1	0.8	0.0
-42.5°	9.3	7.1	5.1	3.4	2.0	0.8	0.0
-45°	8.7	6.7	4.8	3.2	1.9	0.8	0.0
-47.5°	8.1	6.2	4.5	3.0	1.7	0.7	0.0
-50°	7.5	5.8	4.2	2.8	1.6	0.7	0.0
-52.5°	6.9	5.3	3.9	2.6	1.5	0.7	0.0
-55°	6.3	4.9	3.6	2.4	1.4	0.6	0.0
-57.5°	5.7	4.5	3.3	2.2	1.2	0.6	0.0
-60°	5.1	4.1	3.0	2.0	1.1	0.5	0.0
-62.5°	4.6	3.7	2.7	1.8	1.0	0.5	0.0
-65°	4.1	3.2	2.4	1.6	0.9	0.5	0.0
-67.5°	3.6	2.8	2.1	1.4	0.8	0.4	0.0
-70°	3.1	2.5	1.8	1.1	0.8	0.4	0.0
-72.5°	2.7	2.1	1.5	1.0	0.7	0.3	0.0
-75°	2.2	1.7	1.2	0.9	0.6	0.3	0.0
-77.5°	1.7	1.2	0.9	0.7	0.5	0.2	0.0
-80°	1.2	0.9	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)