

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: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-AMB-U-MR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-AMB-U-MR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

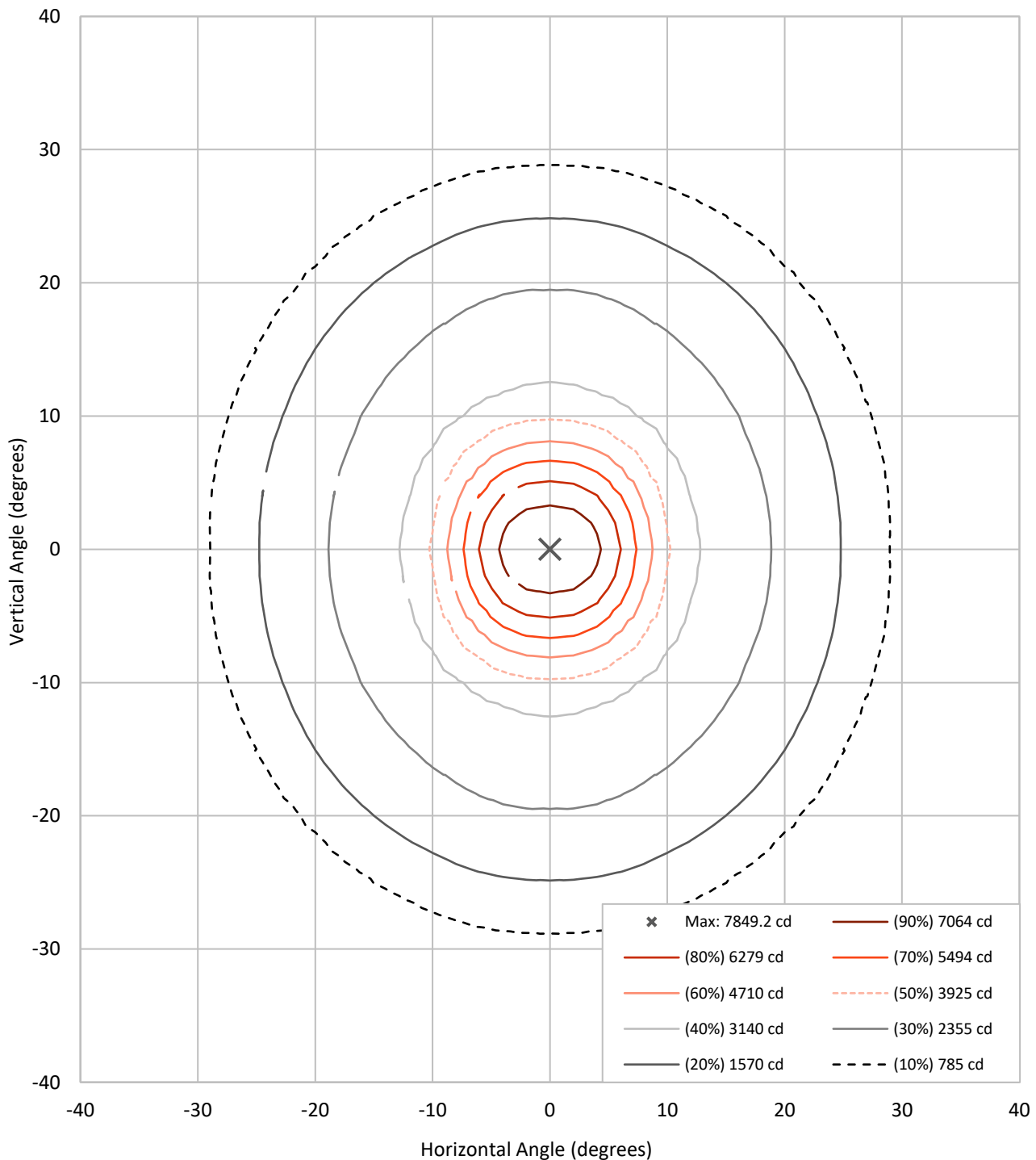
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2287.8 lumens	Max Intensity:	7849.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	20.5°H x 19.5°V	Field Angle (10%):	57.9°H x 57.7°V
Beam Lumens:	549.9 lumens	Field Lumens:	1953.6 lumens
Beam Efficiency:	24.0%	Field Efficiency:	85.4%

Input Watts (W): 42.2
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





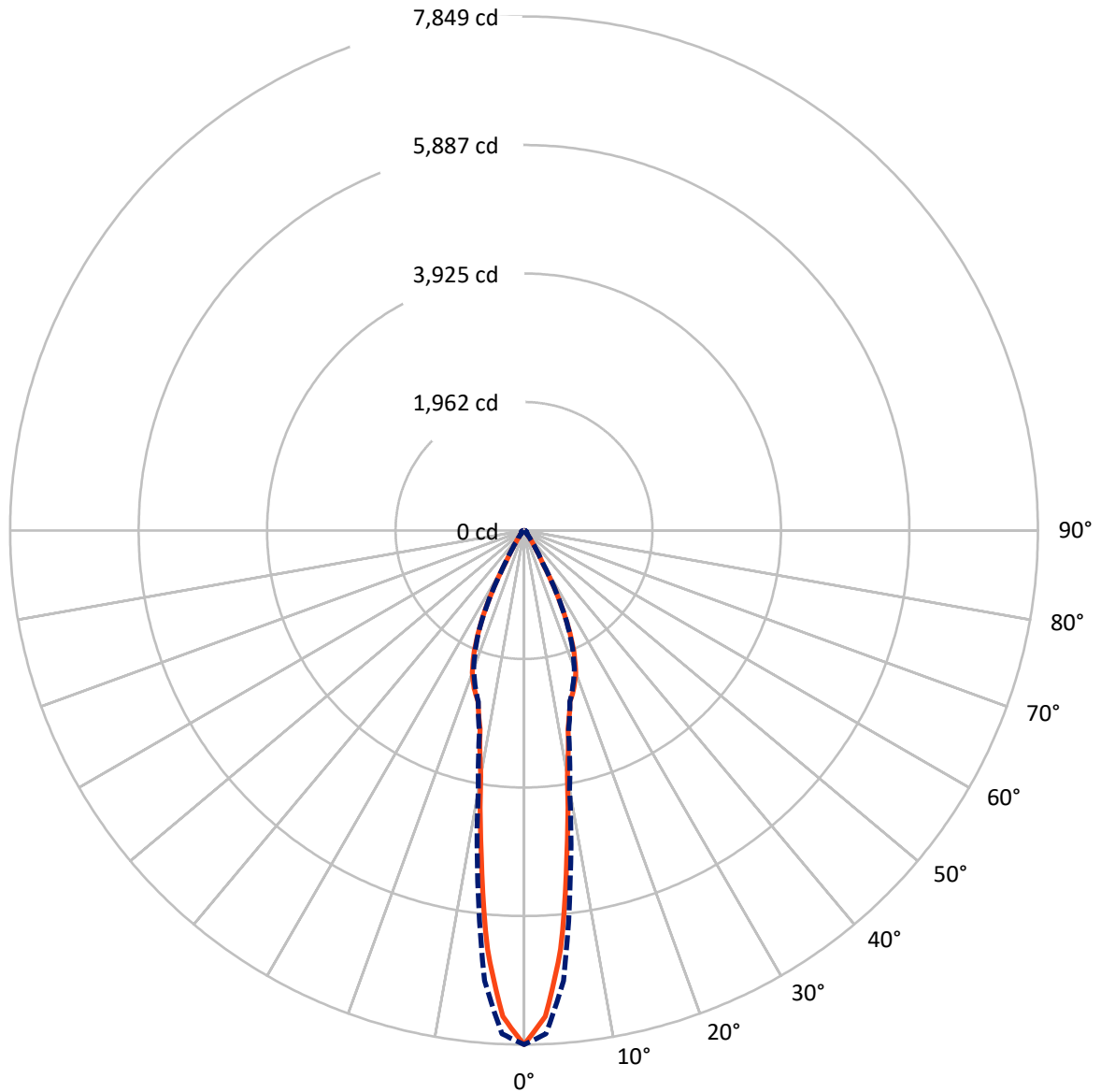
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Lumen Table

90																			
80	0.0	0.2		0.7		1.1		1.2		1.1		0.7		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1	0.1			
50		0.2	0.5	0.8	1.0	1.1	1.2	1.2	1.2	1.2	1.1	1.0	0.8	0.5	0.2				
40	0.2	0.3	0.6	0.9	1.0	1.2	1.5	1.7	1.7	1.5	1.2	1.0	0.9	0.6	0.3	0.2			
30		0.4	0.7	0.9	1.2	2.2	4.5	7.0	7.0	4.5	2.2	1.2	0.9	0.7	0.4				
20	0.3	0.4	0.7	0.9	2.1	7.2	24.4	42.6	42.6	24.4	7.2	2.1	0.9	0.7	0.4	0.3			
10		0.5	0.7	1.1	3.9	23.4	60.5	81.7	81.7	60.5	23.4	3.9	1.1	0.7	0.5				
0	0.3	0.5	0.7	1.3	6.0	38.9	79.0	157.5	157.5	79.0	38.9	6.0	1.3	0.7	0.5	0.3			
-10		0.5	0.7	1.3	6.0	38.9	79.0	157.5	157.5	79.0	38.9	6.0	1.3	0.7	0.5				
-20	0.3	0.5	0.7	1.1	3.9	23.4	60.5	81.7	81.7	60.5	23.4	3.9	1.1	0.7	0.5	0.3			
-30		0.4	0.7	0.9	2.1	7.2	24.4	42.6	42.6	24.4	7.2	2.1	0.9	0.7	0.4				
-40	0.2	0.4	0.7	0.9	1.2	2.2	4.5	7.0	7.0	4.5	2.2	1.2	0.9	0.7	0.4	0.2			
-50		0.3	0.6	0.9	1.0	1.2	1.5	1.7	1.7	1.5	1.2	1.0	0.9	0.6	0.3				
-60	0.1	0.2	0.5	0.8	1.0	1.1	1.2	1.2	1.2	1.2	1.1	1.0	0.8	0.5	0.2	0.1			
-70		0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1				
-80	0.0	0.2		0.7		1.1		1.2		1.1		0.7		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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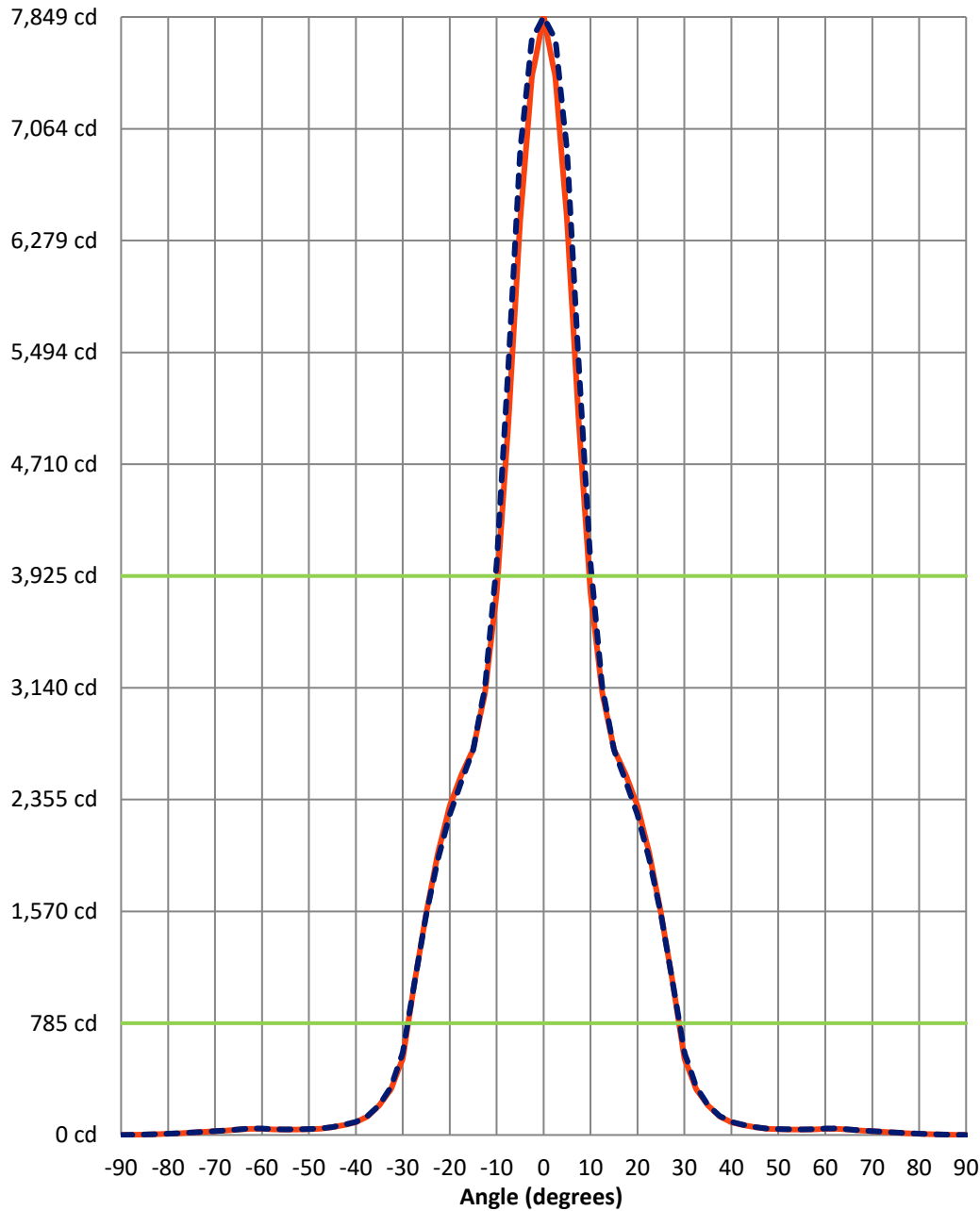
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 20.5°
V Angle: 19.5°
Lumens: 549.9
Efficiency: 24.0%

Field:
H Angle: 57.9°
V Angle: 57.7°
Lumens: 1953.6
Efficiency: 85.4%

Spill:
Lumens: 334.2
Efficiency: 14.6%

— 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	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.7	2.0
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.8	2.2	2.5	2.8
77.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.4	2.9	3.3	3.7
75°	0.0	0.4	0.7	1.1	1.5	2.0	2.5	3.0	3.6	4.1	4.6
72.5°	0.0	0.4	0.8	1.3	1.8	2.4	3.0	3.7	4.3	4.9	5.4
70°	0.0	0.5	1.0	1.4	2.2	2.9	3.6	4.3	4.9	5.6	6.7
67.5°	0.0	0.5	1.1	1.7	2.5	3.3	4.1	4.9	5.6	6.9	8.1
65°	0.0	0.6	1.2	2.0	2.8	3.7	4.6	5.4	6.7	8.1	9.5
62.5°	0.0	0.6	1.3	2.2	3.2	4.1	5.1	6.3	7.8	9.3	10.8
60°	0.0	0.7	1.4	2.4	3.5	4.5	5.5	7.2	8.9	10.5	12.1
57.5°	0.0	0.8	1.6	2.7	3.8	4.9	6.3	8.1	9.9	11.6	13.7
55°	0.0	0.8	1.7	2.9	4.1	5.3	7.1	9.0	10.9	12.9	15.5
52.5°	0.0	0.9	1.9	3.1	4.4	5.7	7.8	9.8	11.8	14.4	17.2
50°	0.0	0.9	2.0	3.3	4.7	6.3	8.5	10.7	12.9	15.9	18.9
47.5°	0.0	0.9	2.1	3.5	5.0	6.9	9.2	11.4	14.2	17.4	20.5
45°	0.0	1.0	2.3	3.7	5.2	7.4	9.8	12.2	15.4	18.8	22.1
42.5°	0.0	1.0	2.4	3.9	5.5	8.0	10.5	13.1	16.6	20.1	23.6
40°	0.0	1.1	2.5	4.1	5.8	8.5	11.1	14.0	17.7	21.4	25.0
37.5°	0.0	1.1	2.6	4.3	6.2	8.9	11.6	14.9	18.7	22.6	26.4
35°	0.0	1.1	2.7	4.5	6.5	9.4	12.1	15.7	19.8	23.8	27.8
32.5°	0.0	1.2	2.8	4.6	6.9	9.8	12.7	16.5	20.8	24.9	29.1
30°	0.0	1.2	2.9	4.8	7.2	10.2	13.3	17.2	21.7	25.9	30.4
27.5°	0.0	1.2	3.0	4.9	7.5	10.6	13.8	17.9	22.6	26.9	31.5
25°	0.0	1.3	3.1	5.0	7.8	10.9	14.3	18.6	23.4	27.8	32.5
22.5°	0.0	1.3	3.2	5.1	8.0	11.2	14.8	19.3	24.1	28.6	33.5
20°	0.0	1.3	3.2	5.2	8.2	11.5	15.2	19.9	24.7	29.4	34.4
17.5°	0.0	1.3	3.3	5.3	8.4	11.7	15.5	20.4	25.3	30.0	35.3
15°	0.0	1.4	3.4	5.4	8.6	11.9	15.9	20.9	25.8	30.5	36.1
12.5°	0.0	1.4	3.4	5.4	8.8	12.1	16.3	21.4	26.2	30.9	36.7
10°	0.0	1.4	3.4	5.5	8.9	12.2	16.6	21.7	26.6	31.3	37.3
7.5°	0.0	1.4	3.5	5.5	9.0	12.4	16.9	22.0	26.9	31.6	37.9
5°	0.0	1.4	3.5	5.6	9.0	12.4	17.1	22.2	27.0	31.8	38.4
2.5°	0.0	1.4	3.5	5.6	9.1	12.5	17.3	22.3	27.2	32.0	38.8
0°	0.0	1.4	3.5	5.6	9.1	12.5	17.4	22.3	27.2	32.0	39.0
-2.5°	0.0	1.4	3.5	5.6	9.1	12.5	17.3	22.3	27.2	32.0	38.8
-5°	0.0	1.4	3.5	5.6	9.0	12.4	17.1	22.2	27.0	31.8	38.4
-7.5°	0.0	1.4	3.5	5.5	9.0	12.4	16.9	22.0	26.9	31.6	37.9
-10°	0.0	1.4	3.4	5.5	8.9	12.2	16.6	21.7	26.6	31.3	37.3
-12.5°	0.0	1.4	3.4	5.4	8.8	12.1	16.3	21.4	26.2	30.9	36.7
-15°	0.0	1.4	3.4	5.4	8.6	11.9	15.9	20.9	25.8	30.5	36.1
-17.5°	0.0	1.3	3.3	5.3	8.4	11.7	15.5	20.4	25.3	30.0	35.3
-20°	0.0	1.3	3.2	5.2	8.2	11.5	15.2	19.9	24.7	29.4	34.4



REPORT NUMBER: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	3.2	5.1	8.0	11.2	14.8	19.3	24.1	28.6	33.5
-25°	0.0	1.3	3.1	5.0	7.8	10.9	14.3	18.6	23.4	27.8	32.5
-27.5°	0.0	1.2	3.0	4.9	7.5	10.6	13.8	17.9	22.6	26.9	31.5
-30°	0.0	1.2	2.9	4.8	7.2	10.2	13.3	17.2	21.7	25.9	30.4
-32.5°	0.0	1.2	2.8	4.6	6.9	9.8	12.7	16.5	20.8	24.9	29.1
-35°	0.0	1.1	2.7	4.5	6.5	9.4	12.1	15.7	19.8	23.8	27.8
-37.5°	0.0	1.1	2.6	4.3	6.2	8.9	11.6	14.9	18.7	22.6	26.4
-40°	0.0	1.1	2.5	4.1	5.8	8.5	11.1	14.0	17.7	21.4	25.0
-42.5°	0.0	1.0	2.4	3.9	5.5	8.0	10.5	13.1	16.6	20.1	23.6
-45°	0.0	1.0	2.3	3.7	5.2	7.4	9.8	12.2	15.4	18.8	22.1
-47.5°	0.0	0.9	2.1	3.5	5.0	6.9	9.2	11.4	14.2	17.4	20.5
-50°	0.0	0.9	2.0	3.3	4.7	6.3	8.5	10.7	12.9	15.9	18.9
-52.5°	0.0	0.9	1.9	3.1	4.4	5.7	7.8	9.8	11.8	14.4	17.2
-55°	0.0	0.8	1.7	2.9	4.1	5.3	7.1	9.0	10.9	12.9	15.5
-57.5°	0.0	0.8	1.6	2.7	3.8	4.9	6.3	8.1	9.9	11.6	13.7
-60°	0.0	0.7	1.4	2.4	3.5	4.5	5.5	7.2	8.9	10.5	12.1
-62.5°	0.0	0.6	1.3	2.2	3.2	4.1	5.1	6.3	7.8	9.3	10.8
-65°	0.0	0.6	1.2	2.0	2.8	3.7	4.6	5.4	6.7	8.1	9.5
-67.5°	0.0	0.5	1.1	1.7	2.5	3.3	4.1	4.9	5.6	6.9	8.1
-70°	0.0	0.5	1.0	1.4	2.2	2.9	3.6	4.3	4.9	5.6	6.7
-72.5°	0.0	0.4	0.8	1.3	1.8	2.4	3.0	3.7	4.3	4.9	5.4
-75°	0.0	0.4	0.7	1.1	1.5	2.0	2.5	3.0	3.6	4.1	4.6
-77.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.4	2.9	3.3	3.7
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.8	2.2	2.5	2.8
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.7	2.0
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-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-SA2B-AMB-U-MR-BK

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°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5	2.6
82.5°	2.2	2.4	2.7	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.5
80°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.6	6.1	6.6
77.5°	4.1	4.5	4.9	5.3	5.7	6.3	6.9	7.4	8.0	8.5	9.0
75°	5.1	5.5	6.3	7.1	7.8	8.5	9.2	9.9	10.5	11.2	12.0
72.5°	6.3	7.2	8.1	9.0	10.0	10.9	11.6	12.3	13.2	14.3	15.3
70°	7.8	8.9	10.0	11.2	12.4	13.3	14.4	15.5	16.6	17.8	18.9
67.5°	9.3	10.6	11.9	13.4	14.8	16.1	17.4	18.8	20.1	21.4	22.7
65°	10.8	12.3	14.0	15.7	17.2	18.9	20.5	22.1	23.6	25.1	26.7
62.5°	12.2	14.3	16.2	18.1	20.0	21.8	23.6	25.4	27.0	28.9	30.6
60°	14.2	16.4	18.5	20.7	22.7	24.7	26.7	28.8	30.8	32.7	34.7
57.5°	16.2	18.5	20.9	23.2	25.4	27.6	30.0	32.3	34.6	36.7	38.8
55°	18.1	20.7	23.2	25.6	28.1	30.8	33.4	35.9	38.3	40.7	43.0
52.5°	20.0	22.7	25.4	28.1	30.9	33.8	36.7	39.5	42.2	44.0	44.0
50°	21.8	24.7	27.6	30.5	33.6	36.8	40.2	43.3	44.3	44.1	43.0
47.5°	23.6	26.7	29.7	32.8	36.3	39.9	43.6	44.5	44.3	42.5	40.6
45°	25.4	28.6	31.7	35.3	39.0	42.9	44.4	44.6	42.4	40.5	39.2
42.5°	27.0	30.5	34.0	37.7	41.6	44.0	44.4	42.5	40.6	39.2	38.9
40°	28.7	32.4	36.2	40.0	43.4	44.0	42.7	40.7	39.5	39.2	39.7
37.5°	30.4	34.3	38.4	42.4	43.6	43.1	40.8	39.6	39.2	39.7	40.5
35°	32.0	36.2	40.4	43.5	43.9	41.5	39.9	39.1	39.6	40.5	42.0
32.5°	33.6	38.0	42.4	43.7	42.7	40.2	39.2	39.5	40.2	41.5	44.5
30°	35.1	39.7	43.7	43.9	41.4	39.6	39.2	39.8	40.9	43.7	49.5
27.5°	36.4	41.3	43.8	43.1	40.3	38.9	39.4	40.4	42.5	46.7	55.8
25°	37.7	42.8	43.9	42.1	39.7	38.8	39.6	41.0	44.3	52.2	63.3
22.5°	38.9	44.3	44.1	41.1	39.0	38.9	40.1	42.4	47.3	57.4	70.8
20°	40.1	44.4	43.8	40.3	38.4	39.0	40.6	43.9	51.5	63.7	78.8
17.5°	41.2	44.6	43.1	39.8	38.4	39.3	41.3	45.1	55.2	69.4	86.6
15°	42.2	44.8	42.5	39.4	38.6	39.7	42.3	47.8	59.2	74.9	93.7
12.5°	43.2	45.0	42.0	39.1	38.7	40.2	43.1	50.2	63.2	80.4	105.8
10°	44.0	45.2	41.4	38.8	38.8	40.5	43.7	52.2	66.3	84.7	115.9
7.5°	44.7	45.3	41.0	38.6	38.9	40.8	44.1	53.7	68.7	88.1	123.9
5°	45.3	45.3	40.7	38.6	39.1	41.1	44.4	54.7	70.2	90.5	129.7
2.5°	45.7	45.3	40.5	38.8	39.4	41.5	44.9	55.5	71.3	91.8	133.0
0°	46.0	45.3	40.4	39.0	39.7	41.8	45.3	55.7	71.7	91.9	133.7
-2.5°	45.7	45.3	40.5	38.8	39.4	41.5	44.9	55.5	71.3	91.8	133.0
-5°	45.3	45.3	40.7	38.6	39.1	41.1	44.4	54.7	70.2	90.5	129.7
-7.5°	44.7	45.3	41.0	38.6	38.9	40.8	44.1	53.7	68.7	88.1	123.9
-10°	44.0	45.2	41.4	38.8	38.8	40.5	43.7	52.2	66.3	84.7	115.9
-12.5°	43.2	45.0	42.0	39.1	38.7	40.2	43.1	50.2	63.2	80.4	105.8
-15°	42.2	44.8	42.5	39.4	38.6	39.7	42.3	47.8	59.2	74.9	93.7
-17.5°	41.2	44.6	43.1	39.8	38.4	39.3	41.3	45.1	55.2	69.4	86.6
-20°	40.1	44.4	43.8	40.3	38.4	39.0	40.6	43.9	51.5	63.7	78.8



REPORT NUMBER: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	38.9	44.3	44.1	41.1	39.0	38.9	40.1	42.4	47.3	57.4	70.8
-25°	37.7	42.8	43.9	42.1	39.7	38.8	39.6	41.0	44.3	52.2	63.3
-27.5°	36.4	41.3	43.8	43.1	40.3	38.9	39.4	40.4	42.5	46.7	55.8
-30°	35.1	39.7	43.7	43.9	41.4	39.6	39.2	39.8	40.9	43.7	49.5
-32.5°	33.6	38.0	42.4	43.7	42.7	40.2	39.2	39.5	40.2	41.5	44.5
-35°	32.0	36.2	40.4	43.5	43.9	41.5	39.9	39.1	39.6	40.5	42.0
-37.5°	30.4	34.3	38.4	42.4	43.6	43.1	40.8	39.6	39.2	39.7	40.5
-40°	28.7	32.4	36.2	40.0	43.4	44.0	42.7	40.7	39.5	39.2	39.7
-42.5°	27.0	30.5	34.0	37.7	41.6	44.0	44.4	42.5	40.6	39.2	38.9
-45°	25.4	28.6	31.7	35.3	39.0	42.9	44.4	44.6	42.4	40.5	39.2
-47.5°	23.6	26.7	29.7	32.8	36.3	39.9	43.6	44.5	44.3	42.5	40.6
-50°	21.8	24.7	27.6	30.5	33.6	36.8	40.2	43.3	44.3	44.1	43.0
-52.5°	20.0	22.7	25.4	28.1	30.9	33.8	36.7	39.5	42.2	44.0	44.0
-55°	18.1	20.7	23.2	25.6	28.1	30.8	33.4	35.9	38.3	40.7	43.0
-57.5°	16.2	18.5	20.9	23.2	25.4	27.6	30.0	32.3	34.6	36.7	38.8
-60°	14.2	16.4	18.5	20.7	22.7	24.7	26.7	28.8	30.8	32.7	34.7
-62.5°	12.2	14.3	16.2	18.1	20.0	21.8	23.6	25.4	27.0	28.9	30.6
-65°	10.8	12.3	14.0	15.7	17.2	18.9	20.5	22.1	23.6	25.1	26.7
-67.5°	9.3	10.6	11.9	13.4	14.8	16.1	17.4	18.8	20.1	21.4	22.7
-70°	7.8	8.9	10.0	11.2	12.4	13.3	14.4	15.5	16.6	17.8	18.9
-72.5°	6.3	7.2	8.1	9.0	10.0	10.9	11.6	12.3	13.2	14.3	15.3
-75°	5.1	5.5	6.3	7.1	7.8	8.5	9.2	9.9	10.5	11.2	12.0
-77.5°	4.1	4.5	4.9	5.3	5.7	6.3	6.9	7.4	8.0	8.5	9.0
-80°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.6	6.1	6.6
-82.5°	2.2	2.4	2.7	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.5
-85°	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5	2.6
-87.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-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: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

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°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	2.7	2.8	2.9	3.0	3.1	3.0	2.9	2.8	2.7	2.7	2.8
82.5°	4.8	4.9	5.0	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.5
80°	7.0	7.2	7.3	7.3	7.4	7.6	8.0	8.3	8.6	8.8	8.9
77.5°	9.4	9.8	10.1	10.4	10.6	11.0	11.3	11.7	11.9	12.1	12.2
75°	12.7	13.3	13.7	14.2	14.6	15.0	15.4	15.7	15.9	16.1	16.3
72.5°	16.1	16.9	17.6	18.3	19.0	19.5	19.9	20.2	20.4	20.8	21.1
70°	19.9	20.9	21.8	22.6	23.4	24.0	24.5	24.9	25.2	25.6	26.1
67.5°	24.0	25.3	26.3	27.2	27.9	28.5	29.1	29.7	30.3	30.8	31.3
65°	28.2	29.6	30.5	31.4	32.2	33.0	33.8	34.7	35.5	36.2	36.7
62.5°	32.1	33.6	34.9	35.9	36.8	37.5	38.8	40.0	40.9	41.7	42.4
60°	36.5	38.2	39.8	41.1	42.3	43.3	43.2	43.2	43.2	43.2	43.2
57.5°	41.0	43.1	44.5	44.1	43.8	43.4	42.7	41.8	41.1	40.4	39.9
55°	44.2	44.4	44.6	43.3	41.6	40.1	39.0	38.7	38.5	38.1	37.9
52.5°	44.1	42.9	41.5	40.1	39.3	38.8	38.3	38.1	38.0	38.0	38.0
50°	41.5	40.2	39.6	39.1	38.7	38.5	38.3	38.5	38.8	39.1	39.3
47.5°	39.5	38.8	38.9	39.0	39.0	39.2	39.5	39.9	41.0	41.9	42.5
45°	38.5	39.1	39.4	39.8	40.2	41.6	43.1	44.4	46.9	49.5	51.6
42.5°	39.5	40.1	40.6	42.2	44.2	47.0	50.8	54.3	58.3	62.0	64.8
40°	40.5	41.5	43.6	46.6	51.8	56.6	62.8	68.6	73.7	78.4	82.3
37.5°	42.0	44.5	49.3	55.2	62.6	70.1	78.0	85.5	92.1	103.7	113.0
35°	44.7	50.7	57.6	66.7	75.9	86.0	97.7	114.5	129.7	150.4	170.2
32.5°	50.9	58.9	68.8	79.9	91.4	111.7	131.1	164.2	194.3	227.7	262.0
30°	58.3	69.2	81.6	95.9	120.9	152.5	192.2	239.1	290.5	346.0	418.2
27.5°	67.4	80.8	96.6	124.3	164.4	210.2	274.3	345.4	453.1	541.9	703.6
25°	76.7	92.7	121.6	164.8	219.8	294.2	405.2	534.1	748.3	987.5	1198.0
22.5°	86.9	112.9	153.9	212.3	295.2	428.3	602.5	907.6	1202.2	1433.8	1623.9
20°	98.7	132.7	193.9	278.1	411.4	608.9	963.0	1302.5	1576.1	1816.4	2002.5
17.5°	115.6	165.3	242.1	354.2	550.3	916.1	1310.5	1631.9	1909.6	2121.8	2278.9
15°	130.8	196.0	295.3	469.7	768.1	1217.9	1588.4	1902.9	2157.3	2325.2	2455.1
12.5°	152.7	231.3	354.5	573.0	1011.5	1443.3	1805.9	2101.7	2317.1	2475.4	2610.4
10°	173.4	268.7	435.6	738.2	1217.7	1623.8	1968.8	2247.5	2442.0	2611.6	2817.9
7.5°	189.5	298.5	502.5	892.1	1373.9	1775.6	2099.8	2341.5	2530.6	2761.6	3144.2
5°	201.0	320.8	554.1	1008.1	1474.5	1871.8	2189.8	2424.0	2618.0	2933.8	3529.8
2.5°	207.7	334.6	585.7	1077.2	1542.7	1922.6	2239.2	2468.6	2677.5	3081.5	3840.9
0°	209.6	338.5	580.9	1069.1	1548.2	1936.9	2247.5	2482.9	2705.1	3144.2	4014.4
-2.5°	207.7	334.6	585.7	1077.2	1542.7	1922.6	2239.2	2468.6	2677.5	3081.5	3840.9
-5°	201.0	320.8	554.1	1008.1	1474.5	1871.8	2189.8	2424.0	2618.0	2933.8	3529.8
-7.5°	189.5	298.5	502.5	892.1	1373.9	1775.6	2099.8	2341.5	2530.6	2761.6	3144.2
-10°	173.4	268.7	435.6	738.2	1217.7	1623.8	1968.8	2247.5	2442.0	2611.6	2817.9
-12.5°	152.7	231.3	354.5	573.0	1011.5	1443.3	1805.9	2101.7	2317.1	2475.4	2610.4
-15°	130.8	196.0	295.3	469.7	768.1	1217.9	1588.4	1902.9	2157.3	2325.2	2455.1
-17.5°	115.6	165.3	242.1	354.2	550.3	916.1	1310.5	1631.9	1909.6	2121.8	2278.9
-20°	98.7	132.7	193.9	278.1	411.4	608.9	963.0	1302.5	1576.1	1816.4	2002.5



REPORT NUMBER: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	86.9	112.9	153.9	212.3	295.2	428.3	602.5	907.6	1202.2	1433.8	1623.9
-25°	76.7	92.7	121.6	164.8	219.8	294.2	405.2	534.1	748.3	987.5	1198.0
-27.5°	67.4	80.8	96.6	124.3	164.4	210.2	274.3	345.4	453.1	541.9	703.6
-30°	58.3	69.2	81.6	95.9	120.9	152.5	192.2	239.1	290.5	346.0	418.2
-32.5°	50.9	58.9	68.8	79.9	91.4	111.7	131.1	164.2	194.3	227.7	262.0
-35°	44.7	50.7	57.6	66.7	75.9	86.0	97.7	114.5	129.7	150.4	170.2
-37.5°	42.0	44.5	49.3	55.2	62.6	70.1	78.0	85.5	92.1	103.7	113.0
-40°	40.5	41.5	43.6	46.6	51.8	56.6	62.8	68.6	73.7	78.4	82.3
-42.5°	39.5	40.1	40.6	42.2	44.2	47.0	50.8	54.3	58.3	62.0	64.8
-45°	38.5	39.1	39.4	39.8	40.2	41.6	43.1	44.4	46.9	49.5	51.6
-47.5°	39.5	38.8	38.9	39.0	39.0	39.2	39.5	39.9	41.0	41.9	42.5
-50°	41.5	40.2	39.6	39.1	38.7	38.5	38.3	38.5	38.8	39.1	39.3
-52.5°	44.1	42.9	41.5	40.1	39.3	38.8	38.3	38.1	38.0	38.0	38.0
-55°	44.2	44.4	44.6	43.3	41.6	40.1	39.0	38.7	38.5	38.1	37.9
-57.5°	41.0	43.1	44.5	44.1	43.8	43.4	42.7	41.8	41.1	40.4	39.9
-60°	36.5	38.2	39.8	41.1	42.3	43.3	43.2	43.2	43.2	43.2	43.2
-62.5°	32.1	33.6	34.9	35.9	36.8	37.5	38.8	40.0	40.9	41.7	42.4
-65°	28.2	29.6	30.5	31.4	32.2	33.0	33.8	34.7	35.5	36.2	36.7
-67.5°	24.0	25.3	26.3	27.2	27.9	28.5	29.1	29.7	30.3	30.8	31.3
-70°	19.9	20.9	21.8	22.6	23.4	24.0	24.5	24.9	25.2	25.6	26.1
-72.5°	16.1	16.9	17.6	18.3	19.0	19.5	19.9	20.2	20.4	20.8	21.1
-75°	12.7	13.3	13.7	14.2	14.6	15.0	15.4	15.7	15.9	16.1	16.3
-77.5°	9.4	9.8	10.1	10.4	10.6	11.0	11.3	11.7	11.9	12.1	12.2
-80°	7.0	7.2	7.3	7.3	7.4	7.6	8.0	8.3	8.6	8.8	8.9
-82.5°	4.8	4.9	5.0	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.5
-85°	2.7	2.8	2.9	3.0	3.1	3.0	2.9	2.8	2.7	2.7	2.8
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.8
82.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2
80°	9.0	9.0	8.7	8.4	8.7	9.0	9.0	8.9	8.8	8.6	8.3
77.5°	12.4	12.4	12.1	11.8	12.1	12.4	12.4	12.2	12.1	11.9	11.7
75°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.3	16.1	15.9	15.7
72.5°	21.3	21.5	21.6	21.6	21.6	21.5	21.3	21.1	20.8	20.4	20.2
70°	26.6	27.0	26.8	26.5	26.8	27.0	26.6	26.1	25.6	25.2	24.9
67.5°	31.6	31.8	31.6	31.3	31.6	31.8	31.6	31.3	30.8	30.3	29.7
65°	37.1	37.4	37.9	38.3	37.9	37.4	37.1	36.7	36.2	35.5	34.7
62.5°	43.0	43.6	43.5	43.2	43.5	43.6	43.0	42.4	41.7	40.9	40.0
60°	43.3	43.2	43.2	43.2	43.2	43.2	43.3	43.2	43.2	43.2	43.2
57.5°	39.5	39.2	39.1	39.0	39.1	39.2	39.5	39.9	40.4	41.1	41.8
55°	37.8	37.7	37.9	38.3	37.9	37.7	37.8	37.9	38.1	38.5	38.7
52.5°	37.9	37.7	37.9	38.3	37.9	37.7	37.9	38.0	38.0	38.0	38.1
50°	39.4	39.6	39.9	40.4	39.9	39.6	39.4	39.3	39.1	38.8	38.5
47.5°	42.9	43.0	43.4	43.9	43.4	43.0	42.9	42.5	41.9	41.0	39.9
45°	53.1	54.1	54.7	55.0	54.7	54.1	53.1	51.6	49.5	46.9	44.4
42.5°	66.9	68.4	69.3	69.6	69.3	68.4	66.9	64.8	62.0	58.3	54.3
40°	85.4	87.4	88.6	89.1	88.6	87.4	85.4	82.3	78.4	73.7	68.6
37.5°	120.4	125.8	129.0	130.2	129.0	125.8	120.4	113.0	103.7	92.1	85.5
35°	186.2	197.9	205.2	208.2	205.2	197.9	186.2	170.2	150.4	129.7	114.5
32.5°	288.8	307.9	319.2	322.5	319.2	307.9	288.8	262.0	227.7	194.3	164.2
30°	480.5	520.9	543.6	539.1	543.6	520.9	480.5	418.2	346.0	290.5	239.1
27.5°	864.5	974.9	1040.3	1069.5	1040.3	974.9	864.5	703.6	541.9	453.1	345.4
25°	1367.1	1481.0	1545.0	1556.6	1545.0	1481.0	1367.1	1198.0	987.5	748.3	534.1
22.5°	1798.0	1922.5	1977.1	1979.8	1977.1	1922.5	1798.0	1623.9	1433.8	1202.2	907.6
20°	2158.4	2264.8	2309.0	2309.5	2309.0	2264.8	2158.4	2002.5	1816.4	1576.1	1302.5
17.5°	2391.5	2477.4	2512.9	2529.6	2512.9	2477.4	2391.5	2278.9	2121.8	1909.6	1631.9
15°	2550.8	2638.0	2703.3	2707.9	2703.3	2638.0	2550.8	2455.1	2325.2	2157.3	1902.9
12.5°	2754.9	2913.2	3054.9	3104.2	3054.9	2913.2	2754.9	2610.4	2475.4	2317.1	2101.7
10°	3120.1	3455.5	3751.9	3807.6	3751.9	3455.5	3120.1	2817.9	2611.6	2442.0	2247.5
7.5°	3729.1	4433.7	4904.7	5002.7	4904.7	4433.7	3729.1	3144.2	2761.6	2530.6	2341.5
5°	4519.0	5668.3	6294.6	6415.1	6294.6	5668.3	4519.0	3529.8	2933.8	2618.0	2424.0
2.5°	5151.8	6604.7	7310.1	7424.7	7310.1	6604.7	5151.8	3840.9	3081.5	2677.5	2468.6
0°	5404.9	6901.3	7691.4	7849.2	7691.4	6901.3	5404.9	4014.4	3144.2	2705.1	2482.9
-2.5°	5151.8	6604.7	7310.1	7424.7	7310.1	6604.7	5151.8	3840.9	3081.5	2677.5	2468.6
-5°	4519.0	5668.3	6294.6	6415.1	6294.6	5668.3	4519.0	3529.8	2933.8	2618.0	2424.0
-7.5°	3729.1	4433.7	4904.7	5002.7	4904.7	4433.7	3729.1	3144.2	2761.6	2530.6	2341.5
-10°	3120.1	3455.5	3751.9	3807.6	3751.9	3455.5	3120.1	2817.9	2611.6	2442.0	2247.5
-12.5°	2754.9	2913.2	3054.9	3104.2	3054.9	2913.2	2754.9	2610.4	2475.4	2317.1	2101.7
-15°	2550.8	2638.0	2703.3	2707.9	2703.3	2638.0	2550.8	2455.1	2325.2	2157.3	1902.9
-17.5°	2391.5	2477.4	2512.9	2529.6	2512.9	2477.4	2391.5	2278.9	2121.8	1909.6	1631.9
-20°	2158.4	2264.8	2309.0	2309.5	2309.0	2264.8	2158.4	2002.5	1816.4	1576.1	1302.5



REPORT NUMBER: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1798.0	1922.5	1977.1	1979.8	1977.1	1922.5	1798.0	1623.9	1433.8	1202.2	907.6
-25°	1367.1	1481.0	1545.0	1556.6	1545.0	1481.0	1367.1	1198.0	987.5	748.3	534.1
-27.5°	864.5	974.9	1040.3	1069.4	1040.3	974.9	864.5	703.6	541.9	453.1	345.4
-30°	480.5	520.9	543.6	539.1	543.6	520.9	480.5	418.2	346.0	290.5	239.1
-32.5°	288.8	307.9	319.2	322.5	319.2	307.9	288.8	262.0	227.7	194.3	164.2
-35°	186.2	197.9	205.2	208.2	205.2	197.9	186.2	170.2	150.4	129.7	114.5
-37.5°	120.4	125.8	129.0	130.2	129.0	125.8	120.4	113.0	103.7	92.1	85.5
-40°	85.4	87.4	88.6	89.1	88.6	87.4	85.4	82.3	78.4	73.7	68.6
-42.5°	66.9	68.4	69.3	69.6	69.3	68.4	66.9	64.8	62.0	58.3	54.3
-45°	53.1	54.1	54.7	55.0	54.7	54.1	53.1	51.6	49.5	46.9	44.4
-47.5°	42.9	43.0	43.4	43.9	43.4	43.0	42.9	42.5	41.9	41.0	39.9
-50°	39.4	39.6	39.9	40.4	39.9	39.6	39.4	39.3	39.1	38.8	38.5
-52.5°	37.9	37.7	37.9	38.3	37.9	37.7	37.9	38.0	38.0	38.0	38.1
-55°	37.8	37.7	37.9	38.3	37.9	37.7	37.8	37.9	38.1	38.5	38.7
-57.5°	39.5	39.2	39.1	39.0	39.1	39.2	39.5	39.9	40.4	41.1	41.8
-60°	43.3	43.2	43.2	43.2	43.2	43.2	43.3	43.2	43.2	43.2	43.2
-62.5°	43.0	43.6	43.5	43.2	43.5	43.6	43.0	42.4	41.7	40.9	40.0
-65°	37.1	37.4	37.9	38.3	37.9	37.4	37.1	36.7	36.2	35.5	34.7
-67.5°	31.6	31.8	31.6	31.3	31.6	31.8	31.6	31.3	30.8	30.3	29.7
-70°	26.6	27.0	26.8	26.5	26.8	27.0	26.6	26.1	25.6	25.2	24.9
-72.5°	21.3	21.5	21.6	21.6	21.6	21.5	21.3	21.1	20.8	20.4	20.2
-75°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.3	16.1	15.9	15.7
-77.5°	12.4	12.4	12.1	11.8	12.1	12.4	12.4	12.2	12.1	11.9	11.7
-80°	9.0	9.0	8.7	8.4	8.7	9.0	9.0	8.9	8.8	8.6	8.3
-82.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2
-85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.8
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-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: P561372 (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°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
85°	2.9	3.0	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
82.5°	5.2	5.1	5.0	5.0	5.0	4.9	4.8	4.5	4.2	4.0	3.7
80°	8.0	7.6	7.4	7.3	7.3	7.2	7.0	6.6	6.1	5.6	5.2
77.5°	11.3	11.0	10.6	10.4	10.1	9.8	9.4	9.0	8.5	8.0	7.4
75°	15.4	15.0	14.6	14.2	13.7	13.3	12.7	12.0	11.2	10.5	9.9
72.5°	19.9	19.5	19.0	18.3	17.6	16.9	16.1	15.3	14.3	13.2	12.3
70°	24.5	24.0	23.4	22.6	21.8	20.9	19.9	18.9	17.8	16.6	15.5
67.5°	29.1	28.5	27.9	27.2	26.3	25.3	24.0	22.7	21.4	20.1	18.8
65°	33.8	33.0	32.2	31.4	30.5	29.6	28.2	26.7	25.1	23.6	22.1
62.5°	38.8	37.5	36.8	35.9	34.9	33.6	32.1	30.6	28.9	27.0	25.4
60°	43.2	43.3	42.3	41.1	39.8	38.2	36.5	34.7	32.7	30.8	28.8
57.5°	42.7	43.4	43.8	44.1	44.5	43.1	41.0	38.8	36.7	34.6	32.3
55°	39.0	40.1	41.6	43.3	44.6	44.4	44.2	43.0	40.7	38.3	35.9
52.5°	38.3	38.8	39.3	40.1	41.5	42.9	44.1	44.0	44.0	42.2	39.5
50°	38.3	38.5	38.7	39.1	39.6	40.2	41.5	43.0	44.1	44.3	43.3
47.5°	39.5	39.2	39.0	39.0	38.9	38.8	39.5	40.6	42.5	44.3	44.5
45°	43.1	41.6	40.2	39.8	39.4	39.1	38.5	39.2	40.5	42.4	44.6
42.5°	50.8	47.0	44.2	42.2	40.6	40.1	39.5	38.9	39.2	40.6	42.5
40°	62.8	56.6	51.8	46.6	43.6	41.5	40.5	39.7	39.2	39.5	40.7
37.5°	78.0	70.1	62.6	55.2	49.3	44.5	42.0	40.5	39.7	39.2	39.6
35°	97.7	86.0	75.9	66.7	57.6	50.7	44.7	42.0	40.5	39.6	39.1
32.5°	131.1	111.7	91.4	79.9	68.8	58.9	50.9	44.5	41.5	40.2	39.5
30°	192.2	152.5	120.9	95.9	81.6	69.2	58.3	49.5	43.7	40.9	39.8
27.5°	274.3	210.2	164.4	124.3	96.6	80.8	67.4	55.8	46.7	42.5	40.4
25°	405.2	294.2	219.8	164.8	121.6	92.7	76.7	63.3	52.2	44.3	41.0
22.5°	602.5	428.3	295.2	212.3	153.9	112.9	86.9	70.8	57.4	47.3	42.4
20°	963.0	608.9	411.4	278.1	193.9	132.7	98.7	78.8	63.7	51.5	43.9
17.5°	1310.5	916.1	550.3	354.2	242.1	165.3	115.6	86.6	69.4	55.2	45.1
15°	1588.4	1217.9	768.1	469.7	295.3	196.0	130.8	93.7	74.9	59.2	47.8
12.5°	1805.9	1443.3	1011.5	573.0	354.5	231.3	152.7	105.8	80.4	63.2	50.2
10°	1968.8	1623.8	1217.7	738.2	435.6	268.7	173.4	115.9	84.7	66.3	52.2
7.5°	2099.8	1775.6	1373.9	892.1	502.5	298.5	189.5	123.9	88.1	68.7	53.7
5°	2189.8	1871.8	1474.5	1008.1	554.1	320.8	201.0	129.7	90.5	70.2	54.7
2.5°	2239.2	1922.6	1542.7	1077.2	585.7	334.6	207.7	133.0	91.8	71.3	55.5
0°	2247.5	1936.9	1548.2	1069.1	580.9	338.5	209.6	133.7	91.9	71.7	55.7
-2.5°	2239.2	1922.6	1542.7	1077.2	585.7	334.6	207.7	133.0	91.8	71.3	55.5
-5°	2189.8	1871.8	1474.5	1008.1	554.1	320.8	201.0	129.7	90.5	70.2	54.7
-7.5°	2099.8	1775.6	1373.9	892.1	502.5	298.5	189.5	123.9	88.1	68.7	53.7
-10°	1968.8	1623.8	1217.7	738.2	435.6	268.7	173.4	115.9	84.7	66.3	52.2
-12.5°	1805.9	1443.3	1011.5	573.0	354.5	231.3	152.7	105.8	80.4	63.2	50.2
-15°	1588.4	1217.9	768.1	469.7	295.3	196.0	130.8	93.7	74.9	59.2	47.8
-17.5°	1310.5	916.1	550.3	354.2	242.1	165.3	115.6	86.6	69.4	55.2	45.1
-20°	963.0	608.9	411.4	278.1	193.9	132.7	98.7	78.8	63.7	51.5	43.9



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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°	602.5	428.3	295.2	212.3	153.9	112.9	86.9	70.8	57.4	47.3	42.4
-25°	405.2	294.2	219.8	164.8	121.6	92.7	76.7	63.3	52.2	44.3	41.0
-27.5°	274.3	210.2	164.4	124.3	96.6	80.8	67.4	55.8	46.7	42.5	40.4
-30°	192.2	152.5	120.9	95.9	81.6	69.2	58.3	49.5	43.7	40.9	39.8
-32.5°	131.1	111.7	91.4	79.9	68.8	58.9	50.9	44.5	41.5	40.2	39.5
-35°	97.7	86.0	75.9	66.7	57.6	50.7	44.7	42.0	40.5	39.6	39.1
-37.5°	78.0	70.1	62.6	55.2	49.3	44.5	42.0	40.5	39.7	39.2	39.6
-40°	62.8	56.6	51.8	46.6	43.6	41.5	40.5	39.7	39.2	39.5	40.7
-42.5°	50.8	47.0	44.2	42.2	40.6	40.1	39.5	38.9	39.2	40.6	42.5
-45°	43.1	41.6	40.2	39.8	39.4	39.1	38.5	39.2	40.5	42.4	44.6
-47.5°	39.5	39.2	39.0	39.0	38.9	38.8	39.5	40.6	42.5	44.3	44.5
-50°	38.3	38.5	38.7	39.1	39.6	40.2	41.5	43.0	44.1	44.3	43.3
-52.5°	38.3	38.8	39.3	40.1	41.5	42.9	44.1	44.0	44.0	42.2	39.5
-55°	39.0	40.1	41.6	43.3	44.6	44.4	44.2	43.0	40.7	38.3	35.9
-57.5°	42.7	43.4	43.8	44.1	44.5	43.1	41.0	38.8	36.7	34.6	32.3
-60°	43.2	43.3	42.3	41.1	39.8	38.2	36.5	34.7	32.7	30.8	28.8
-62.5°	38.8	37.5	36.8	35.9	34.9	33.6	32.1	30.6	28.9	27.0	25.4
-65°	33.8	33.0	32.2	31.4	30.5	29.6	28.2	26.7	25.1	23.6	22.1
-67.5°	29.1	28.5	27.9	27.2	26.3	25.3	24.0	22.7	21.4	20.1	18.8
-70°	24.5	24.0	23.4	22.6	21.8	20.9	19.9	18.9	17.8	16.6	15.5
-72.5°	19.9	19.5	19.0	18.3	17.6	16.9	16.1	15.3	14.3	13.2	12.3
-75°	15.4	15.0	14.6	14.2	13.7	13.3	12.7	12.0	11.2	10.5	9.9
-77.5°	11.3	11.0	10.6	10.4	10.1	9.8	9.4	9.0	8.5	8.0	7.4
-80°	8.0	7.6	7.4	7.3	7.3	7.2	7.0	6.6	6.1	5.6	5.2
-82.5°	5.2	5.1	5.0	5.0	5.0	4.9	4.8	4.5	4.2	4.0	3.7
-85°	2.9	3.0	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	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):

	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°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
85°	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	3.5	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.7	1.4	1.3
80°	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.8	2.5	2.2	1.8
77.5°	6.9	6.3	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.4
75°	9.2	8.5	7.8	7.1	6.3	5.5	5.1	4.6	4.1	3.6	3.0
72.5°	11.6	10.9	10.0	9.0	8.1	7.2	6.3	5.4	4.9	4.3	3.7
70°	14.4	13.3	12.4	11.2	10.0	8.9	7.8	6.7	5.6	4.9	4.3
67.5°	17.4	16.1	14.8	13.4	11.9	10.6	9.3	8.1	6.9	5.6	4.9
65°	20.5	18.9	17.2	15.7	14.0	12.3	10.8	9.5	8.1	6.7	5.4
62.5°	23.6	21.8	20.0	18.1	16.2	14.3	12.2	10.8	9.3	7.8	6.3
60°	26.7	24.7	22.7	20.7	18.5	16.4	14.2	12.1	10.5	8.9	7.2
57.5°	30.0	27.6	25.4	23.2	20.9	18.5	16.2	13.7	11.6	9.9	8.1
55°	33.4	30.8	28.1	25.6	23.2	20.7	18.1	15.5	12.9	10.9	9.0
52.5°	36.7	33.8	30.9	28.1	25.4	22.7	20.0	17.2	14.4	11.8	9.8
50°	40.2	36.8	33.6	30.5	27.6	24.7	21.8	18.9	15.9	12.9	10.7
47.5°	43.6	39.9	36.3	32.8	29.7	26.7	23.6	20.5	17.4	14.2	11.4
45°	44.4	42.9	39.0	35.3	31.7	28.6	25.4	22.1	18.8	15.4	12.2
42.5°	44.4	44.0	41.6	37.7	34.0	30.5	27.0	23.6	20.1	16.6	13.1
40°	42.7	44.0	43.4	40.0	36.2	32.4	28.7	25.0	21.4	17.7	14.0
37.5°	40.8	43.1	43.6	42.4	38.4	34.3	30.4	26.4	22.6	18.7	14.9
35°	39.9	41.5	43.9	43.5	40.4	36.2	32.0	27.8	23.8	19.8	15.7
32.5°	39.2	40.2	42.7	43.7	42.4	38.0	33.6	29.1	24.9	20.8	16.5
30°	39.2	39.6	41.4	43.9	43.7	39.7	35.1	30.4	25.9	21.7	17.2
27.5°	39.4	38.9	40.3	43.1	43.8	41.3	36.4	31.5	26.9	22.6	17.9
25°	39.6	38.8	39.7	42.1	43.9	42.8	37.7	32.5	27.8	23.4	18.6
22.5°	40.1	38.9	39.0	41.1	44.1	44.3	38.9	33.5	28.6	24.1	19.3
20°	40.6	39.0	38.4	40.3	43.8	44.4	40.1	34.4	29.4	24.7	19.9
17.5°	41.3	39.3	38.4	39.8	43.1	44.6	41.2	35.3	30.0	25.3	20.4
15°	42.3	39.7	38.6	39.4	42.5	44.8	42.2	36.1	30.5	25.8	20.9
12.5°	43.1	40.2	38.7	39.1	42.0	45.0	43.2	36.7	30.9	26.2	21.4
10°	43.7	40.5	38.8	38.8	41.4	45.2	44.0	37.3	31.3	26.6	21.7
7.5°	44.1	40.8	38.9	38.6	41.0	45.3	44.7	37.9	31.6	26.9	22.0
5°	44.4	41.1	39.1	38.6	40.7	45.3	45.3	38.4	31.8	27.0	22.2
2.5°	44.9	41.5	39.4	38.8	40.5	45.3	45.7	38.8	32.0	27.2	22.3
0°	45.3	41.8	39.7	39.0	40.4	45.3	46.0	39.0	32.0	27.2	22.3
-2.5°	44.9	41.5	39.4	38.8	40.5	45.3	45.7	38.8	32.0	27.2	22.3
-5°	44.4	41.1	39.1	38.6	40.7	45.3	45.3	38.4	31.8	27.0	22.2
-7.5°	44.1	40.8	38.9	38.6	41.0	45.3	44.7	37.9	31.6	26.9	22.0
-10°	43.7	40.5	38.8	38.8	41.4	45.2	44.0	37.3	31.3	26.6	21.7
-12.5°	43.1	40.2	38.7	39.1	42.0	45.0	43.2	36.7	30.9	26.2	21.4
-15°	42.3	39.7	38.6	39.4	42.5	44.8	42.2	36.1	30.5	25.8	20.9
-17.5°	41.3	39.3	38.4	39.8	43.1	44.6	41.2	35.3	30.0	25.3	20.4
-20°	40.6	39.0	38.4	40.3	43.8	44.4	40.1	34.4	29.4	24.7	19.9



REPORT NUMBER: P561372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	40.1	38.9	39.0	41.1	44.1	44.3	38.9	33.5	28.6	24.1	19.3
-25°	39.6	38.8	39.7	42.1	43.9	42.8	37.7	32.5	27.8	23.4	18.6
-27.5°	39.4	38.9	40.3	43.1	43.8	41.3	36.4	31.5	26.9	22.6	17.9
-30°	39.2	39.6	41.4	43.9	43.7	39.7	35.1	30.4	25.9	21.7	17.2
-32.5°	39.2	40.2	42.7	43.7	42.4	38.0	33.6	29.1	24.9	20.8	16.5
-35°	39.9	41.5	43.9	43.5	40.4	36.2	32.0	27.8	23.8	19.8	15.7
-37.5°	40.8	43.1	43.6	42.4	38.4	34.3	30.4	26.4	22.6	18.7	14.9
-40°	42.7	44.0	43.4	40.0	36.2	32.4	28.7	25.0	21.4	17.7	14.0
-42.5°	44.4	44.0	41.6	37.7	34.0	30.5	27.0	23.6	20.1	16.6	13.1
-45°	44.4	42.9	39.0	35.3	31.7	28.6	25.4	22.1	18.8	15.4	12.2
-47.5°	43.6	39.9	36.3	32.8	29.7	26.7	23.6	20.5	17.4	14.2	11.4
-50°	40.2	36.8	33.6	30.5	27.6	24.7	21.8	18.9	15.9	12.9	10.7
-52.5°	36.7	33.8	30.9	28.1	25.4	22.7	20.0	17.2	14.4	11.8	9.8
-55°	33.4	30.8	28.1	25.6	23.2	20.7	18.1	15.5	12.9	10.9	9.0
-57.5°	30.0	27.6	25.4	23.2	20.9	18.5	16.2	13.7	11.6	9.9	8.1
-60°	26.7	24.7	22.7	20.7	18.5	16.4	14.2	12.1	10.5	8.9	7.2
-62.5°	23.6	21.8	20.0	18.1	16.2	14.3	12.2	10.8	9.3	7.8	6.3
-65°	20.5	18.9	17.2	15.7	14.0	12.3	10.8	9.5	8.1	6.7	5.4
-67.5°	17.4	16.1	14.8	13.4	11.9	10.6	9.3	8.1	6.9	5.6	4.9
-70°	14.4	13.3	12.4	11.2	10.0	8.9	7.8	6.7	5.6	4.9	4.3
-72.5°	11.6	10.9	10.0	9.0	8.1	7.2	6.3	5.4	4.9	4.3	3.7
-75°	9.2	8.5	7.8	7.1	6.3	5.5	5.1	4.6	4.1	3.6	3.0
-77.5°	6.9	6.3	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.4
-80°	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.8	2.5	2.2	1.8
-82.5°	3.5	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.7	1.4	1.3
-85°	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.8
-87.5°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	2.0	1.6	1.2	0.9	0.6	0.3	0.0
75°	2.5	2.0	1.5	1.1	0.7	0.4	0.0
72.5°	3.0	2.4	1.8	1.3	0.8	0.4	0.0
70°	3.6	2.9	2.2	1.4	1.0	0.5	0.0
67.5°	4.1	3.3	2.5	1.7	1.1	0.5	0.0
65°	4.6	3.7	2.8	2.0	1.2	0.6	0.0
62.5°	5.1	4.1	3.2	2.2	1.3	0.6	0.0
60°	5.5	4.5	3.5	2.4	1.4	0.7	0.0
57.5°	6.3	4.9	3.8	2.7	1.6	0.8	0.0
55°	7.1	5.3	4.1	2.9	1.7	0.8	0.0
52.5°	7.8	5.7	4.4	3.1	1.9	0.9	0.0
50°	8.5	6.3	4.7	3.3	2.0	0.9	0.0
47.5°	9.2	6.9	5.0	3.5	2.1	0.9	0.0
45°	9.8	7.4	5.2	3.7	2.3	1.0	0.0
42.5°	10.5	8.0	5.5	3.9	2.4	1.0	0.0
40°	11.1	8.5	5.8	4.1	2.5	1.1	0.0
37.5°	11.6	8.9	6.2	4.3	2.6	1.1	0.0
35°	12.1	9.4	6.5	4.5	2.7	1.1	0.0
32.5°	12.7	9.8	6.9	4.6	2.8	1.2	0.0
30°	13.3	10.2	7.2	4.8	2.9	1.2	0.0
27.5°	13.8	10.6	7.5	4.9	3.0	1.2	0.0
25°	14.3	10.9	7.8	5.0	3.1	1.3	0.0
22.5°	14.8	11.2	8.0	5.1	3.2	1.3	0.0
20°	15.2	11.5	8.2	5.2	3.2	1.3	0.0
17.5°	15.5	11.7	8.4	5.3	3.3	1.3	0.0
15°	15.9	11.9	8.6	5.4	3.4	1.4	0.0
12.5°	16.3	12.1	8.8	5.4	3.4	1.4	0.0
10°	16.6	12.2	8.9	5.5	3.4	1.4	0.0
7.5°	16.9	12.4	9.0	5.5	3.5	1.4	0.0
5°	17.1	12.4	9.0	5.6	3.5	1.4	0.0
2.5°	17.3	12.5	9.1	5.6	3.5	1.4	0.0
0°	17.4	12.5	9.1	5.6	3.5	1.4	0.0
-2.5°	17.3	12.5	9.1	5.6	3.5	1.4	0.0
-5°	17.1	12.4	9.0	5.6	3.5	1.4	0.0
-7.5°	16.9	12.4	9.0	5.5	3.5	1.4	0.0
-10°	16.6	12.2	8.9	5.5	3.4	1.4	0.0
-12.5°	16.3	12.1	8.8	5.4	3.4	1.4	0.0
-15°	15.9	11.9	8.6	5.4	3.4	1.4	0.0
-17.5°	15.5	11.7	8.4	5.3	3.3	1.3	0.0
-20°	15.2	11.5	8.2	5.2	3.2	1.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.8	11.2	8.0	5.1	3.2	1.3	0.0
-25°	14.3	10.9	7.8	5.0	3.1	1.3	0.0
-27.5°	13.8	10.6	7.5	4.9	3.0	1.2	0.0
-30°	13.3	10.2	7.2	4.8	2.9	1.2	0.0
-32.5°	12.7	9.8	6.9	4.6	2.8	1.2	0.0
-35°	12.1	9.4	6.5	4.5	2.7	1.1	0.0
-37.5°	11.6	8.9	6.2	4.3	2.6	1.1	0.0
-40°	11.1	8.5	5.8	4.1	2.5	1.1	0.0
-42.5°	10.5	8.0	5.5	3.9	2.4	1.0	0.0
-45°	9.8	7.4	5.2	3.7	2.3	1.0	0.0
-47.5°	9.2	6.9	5.0	3.5	2.1	0.9	0.0
-50°	8.5	6.3	4.7	3.3	2.0	0.9	0.0
-52.5°	7.8	5.7	4.4	3.1	1.9	0.9	0.0
-55°	7.1	5.3	4.1	2.9	1.7	0.8	0.0
-57.5°	6.3	4.9	3.8	2.7	1.6	0.8	0.0
-60°	5.5	4.5	3.5	2.4	1.4	0.7	0.0
-62.5°	5.1	4.1	3.2	2.2	1.3	0.6	0.0
-65°	4.6	3.7	2.8	2.0	1.2	0.6	0.0
-67.5°	4.1	3.3	2.5	1.7	1.1	0.5	0.0
-70°	3.6	2.9	2.2	1.4	1.0	0.5	0.0
-72.5°	3.0	2.4	1.8	1.3	0.8	0.4	0.0
-75°	2.5	2.0	1.5	1.1	0.7	0.4	0.0
-77.5°	2.0	1.6	1.2	0.9	0.6	0.3	0.0
-80°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)