

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: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-AMB-U-NR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-AMB-U-NR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

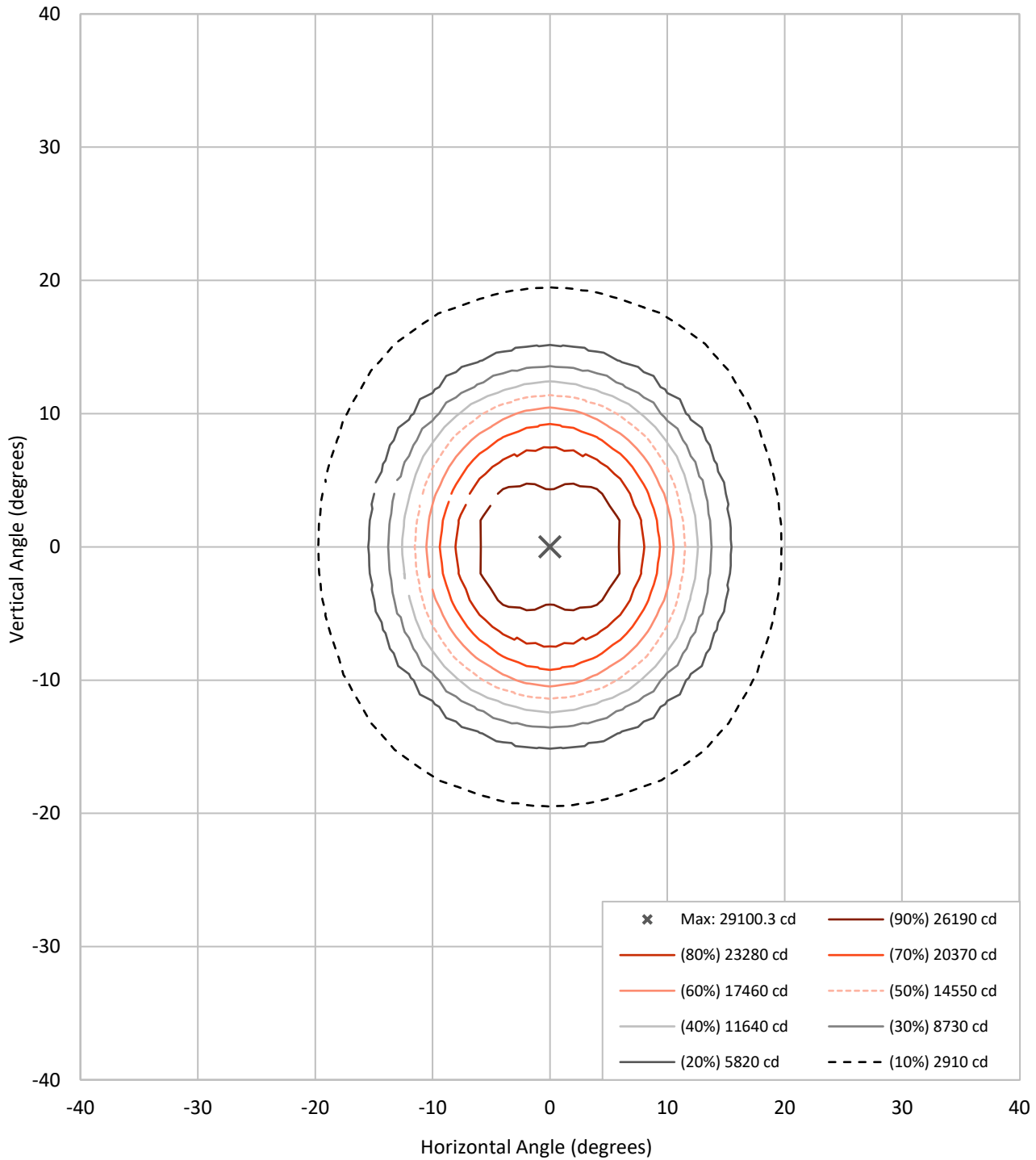
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5301.7 lumens	Max Intensity:	29100.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	23°H x 22.8°V	Field Angle (10%):	39.5°H x 39°V
Beam Lumens:	2845.8 lumens	Field Lumens:	4329.7 lumens
Beam Efficiency:	53.7%	Field Efficiency:	81.7%

Input Watts (W): 99.6
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: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





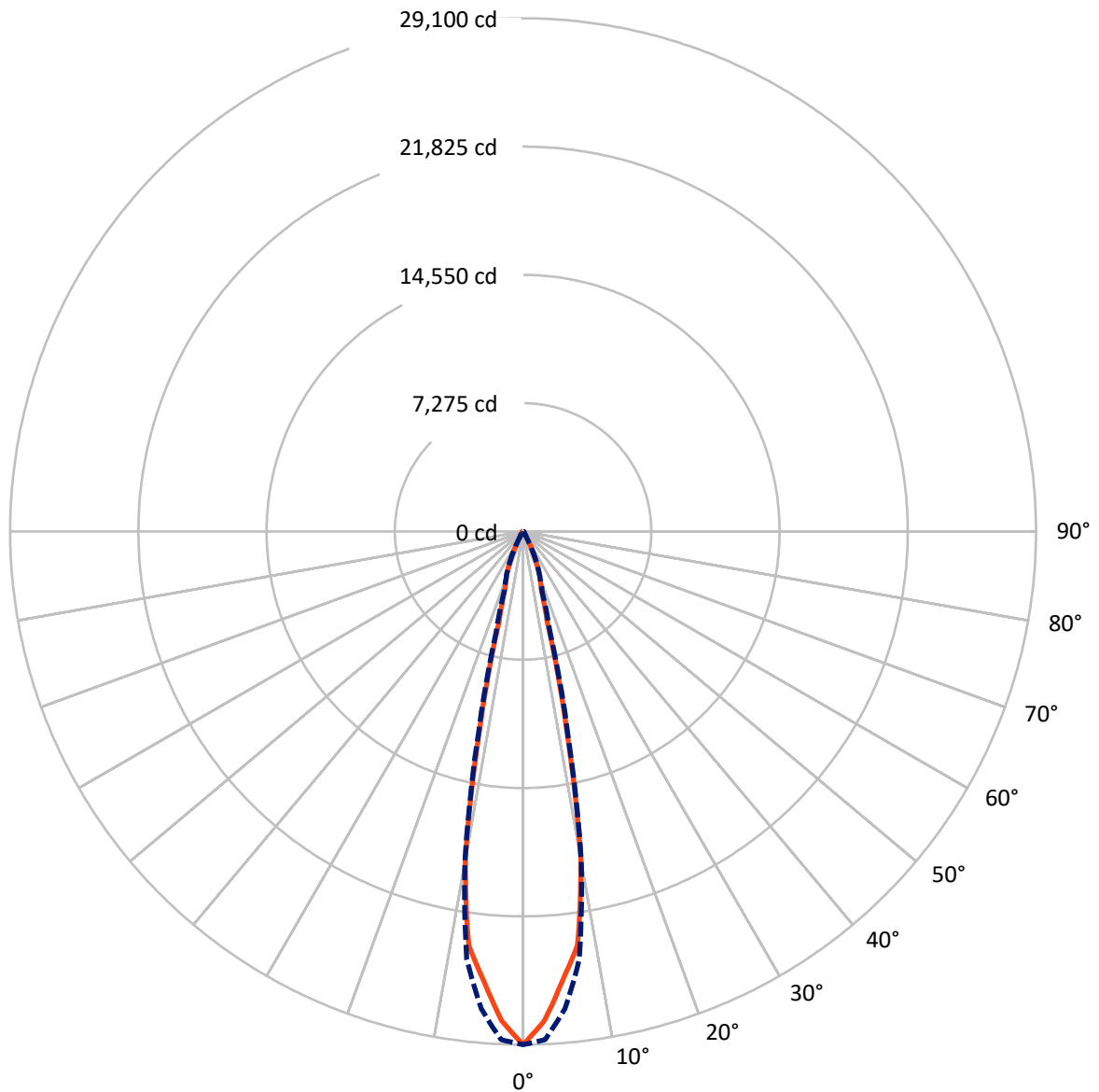
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Lumen Table

90	0.0	0.4	1.0	1.7	2.0	1.7	1.0	0.4	0.0										
80	0.0	0.4	1.0	1.7	2.0	1.7	1.0	0.4	0.0										
70	0.2	0.2	0.4	0.7	0.9	1.2	1.4	1.5	1.5	1.4	1.2	0.9	0.7	0.4	0.2	0.2			
60		0.3	0.6	1.0	1.3	1.6	1.7	1.8	1.8	1.7	1.6	1.3	1.0	0.6	0.3				
50	0.3	0.4	0.8	1.2	1.5	1.8	2.2	2.3	2.3	2.2	1.8	1.5	1.2	0.8	0.4	0.3			
40		0.5	0.9	1.3	1.8	2.5	4.0	5.5	5.5	4.0	2.5	1.8	1.3	0.9	0.5				
30	0.4	0.6	1.0	1.5	2.3	5.7	20.0	40.5	40.5	20.0	5.7	2.3	1.5	1.0	0.6	0.4			
20		0.6	1.0	1.6	3.5	19.2	77.3	187.8	187.8	77.3	19.2	3.5	1.6	1.0	0.6				
10	0.5	0.6	1.0	1.7	4.9	38.4	190.8	678.9	678.9	190.8	38.4	4.9	1.7	1.0	0.6	0.5			
0		0.6	1.0	1.7	4.9	38.4	190.8	678.9	678.9	190.8	38.4	4.9	1.7	1.0	0.6				
-10	0.4	0.6	1.0	1.6	3.5	19.2	77.3	187.8	187.8	77.3	19.2	3.5	1.6	1.0	0.6	0.4			
-20		0.6	1.0	1.5	2.3	5.7	20.0	40.5	40.5	20.0	5.7	2.3	1.5	1.0	0.6				
-30	0.3	0.5	0.9	1.3	1.8	2.5	4.0	5.5	5.5	4.0	2.5	1.8	1.3	0.9	0.5	0.3			
-40		0.4	0.8	1.2	1.5	1.8	2.2	2.3	2.3	2.2	1.8	1.5	1.2	0.8	0.4				
-50	0.2	0.3	0.6	1.0	1.3	1.6	1.7	1.8	1.8	1.7	1.6	1.3	1.0	0.6	0.3	0.2			
-60		0.2	0.4	0.7	0.9	1.2	1.4	1.5	1.5	1.4	1.2	0.9	0.7	0.4	0.2				
-70	0.0	0.4	1.0	1.7	2.0	1.7	1.0	0.4	0.0							0.0			
-80		0.4	1.0	1.7	2.0	1.7	1.0	0.4	0.0										
-90	0.0	0.4	1.0	1.7	2.0	1.7	1.0	0.4	0.0						0.0				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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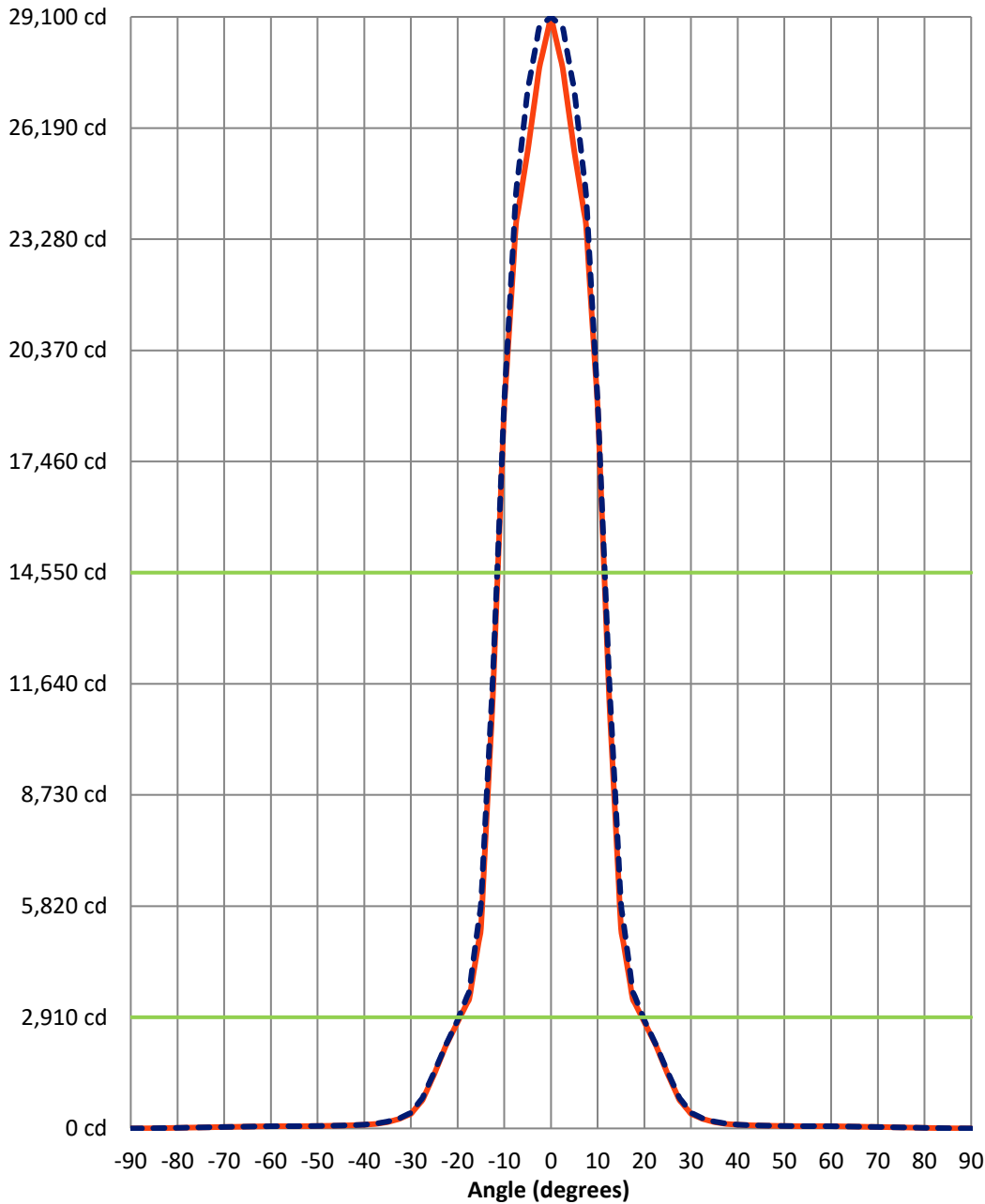
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 23°
V Angle: 22.8°
Lumens: 2845.8
Efficiency: 53.7%

Field:
H Angle: 39.5°
V Angle: 39°
Lumens: 4329.7
Efficiency: 81.7%

Spill:
Lumens: 972
Efficiency: 18.3%

— 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	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.3	2.8	3.3	3.9
77.5°	0.0	0.3	0.7	1.0	1.4	1.8	2.5	3.2	3.9	4.6	5.4
75°	0.0	0.4	0.8	1.2	1.7	2.5	3.4	4.2	5.1	6.2	7.4
72.5°	0.0	0.5	1.0	1.4	2.3	3.2	4.2	5.3	6.7	8.1	9.4
70°	0.0	0.5	1.1	1.7	2.8	3.9	5.1	6.7	8.3	9.8	11.4
67.5°	0.0	0.6	1.2	2.1	3.3	4.6	6.2	8.1	9.8	11.6	13.3
65°	0.0	0.7	1.4	2.5	3.9	5.4	7.4	9.4	11.4	13.3	15.3
62.5°	0.0	0.7	1.5	2.9	4.4	6.3	8.6	10.7	12.9	15.1	17.2
60°	0.0	0.8	1.6	3.2	4.9	7.3	9.7	12.0	14.4	16.8	19.1
57.5°	0.0	0.9	1.8	3.6	5.6	8.2	10.8	13.3	15.9	18.4	21.1
55°	0.0	0.9	2.1	4.0	6.3	9.1	11.8	14.6	17.3	20.1	23.1
52.5°	0.0	1.0	2.3	4.3	7.0	9.9	12.9	15.8	18.7	22.0	25.1
50°	0.0	1.0	2.5	4.7	7.7	10.8	13.9	17.0	20.2	23.9	27.2
47.5°	0.0	1.1	2.8	5.0	8.3	11.6	14.8	18.1	21.9	25.8	29.1
45°	0.0	1.1	3.0	5.5	8.9	12.4	15.8	19.3	23.6	27.4	30.9
42.5°	0.0	1.2	3.2	5.9	9.5	13.1	16.7	20.5	25.2	28.9	32.8
40°	0.0	1.2	3.4	6.3	10.1	13.8	17.6	21.8	26.6	30.2	34.8
37.5°	0.0	1.3	3.5	6.7	10.6	14.5	18.4	23.1	27.7	31.6	36.6
35°	0.0	1.3	3.7	7.1	11.1	15.1	19.2	24.3	28.7	33.1	38.2
32.5°	0.0	1.3	3.9	7.5	11.6	15.7	20.0	25.4	29.7	34.6	39.4
30°	0.0	1.4	4.0	7.8	12.1	16.3	20.9	26.4	30.6	36.0	40.6
27.5°	0.0	1.4	4.2	8.1	12.5	16.8	21.7	27.1	31.5	37.3	41.7
25°	0.0	1.5	4.3	8.4	12.8	17.3	22.5	27.8	32.6	38.3	42.6
22.5°	0.0	1.5	4.4	8.7	13.2	17.8	23.2	28.4	33.5	39.1	43.7
20°	0.0	1.5	4.5	8.9	13.5	18.3	23.8	29.0	34.4	39.8	44.6
17.5°	0.0	1.5	4.6	9.1	13.8	18.8	24.4	29.5	35.2	40.5	45.3
15°	0.0	1.5	4.7	9.3	14.0	19.3	24.9	29.9	35.8	41.0	45.9
12.5°	0.0	1.6	4.7	9.4	14.2	19.7	25.3	30.3	36.4	41.5	46.4
10°	0.0	1.6	4.8	9.6	14.4	20.1	25.7	30.6	36.9	41.9	46.7
7.5°	0.0	1.6	4.8	9.7	14.5	20.5	25.9	30.8	37.2	42.2	47.1
5°	0.0	1.6	4.9	9.7	14.6	20.8	26.1	31.0	37.5	42.4	47.3
2.5°	0.0	1.6	4.9	9.8	14.7	21.1	26.2	31.1	37.6	42.6	47.5
0°	0.0	1.6	4.9	9.8	14.7	21.1	26.2	31.1	37.6	42.6	47.5
-2.5°	0.0	1.6	4.9	9.8	14.7	21.1	26.2	31.1	37.6	42.6	47.5
-5°	0.0	1.6	4.9	9.7	14.6	20.8	26.1	31.0	37.5	42.4	47.3
-7.5°	0.0	1.6	4.8	9.7	14.5	20.5	25.9	30.8	37.2	42.2	47.1
-10°	0.0	1.6	4.8	9.6	14.4	20.1	25.7	30.6	36.9	41.9	46.7
-12.5°	0.0	1.6	4.7	9.4	14.2	19.7	25.3	30.3	36.4	41.5	46.4
-15°	0.0	1.5	4.7	9.3	14.0	19.3	24.9	29.9	35.8	41.0	45.9
-17.5°	0.0	1.5	4.6	9.1	13.8	18.8	24.4	29.5	35.2	40.5	45.3
-20°	0.0	1.5	4.5	8.9	13.5	18.3	23.8	29.0	34.4	39.8	44.6



REPORT NUMBER: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.5	4.4	8.7	13.2	17.8	23.2	28.4	33.5	39.1	43.7
-25°	0.0	1.5	4.3	8.4	12.8	17.3	22.5	27.8	32.6	38.3	42.6
-27.5°	0.0	1.4	4.2	8.1	12.5	16.8	21.7	27.1	31.5	37.3	41.7
-30°	0.0	1.4	4.0	7.8	12.1	16.3	20.9	26.4	30.6	36.0	40.6
-32.5°	0.0	1.3	3.9	7.5	11.6	15.7	20.0	25.4	29.7	34.6	39.4
-35°	0.0	1.3	3.7	7.1	11.1	15.1	19.2	24.3	28.7	33.1	38.2
-37.5°	0.0	1.3	3.5	6.7	10.6	14.5	18.4	23.1	27.7	31.6	36.6
-40°	0.0	1.2	3.4	6.3	10.1	13.8	17.6	21.8	26.6	30.2	34.8
-42.5°	0.0	1.2	3.2	5.9	9.5	13.1	16.7	20.5	25.2	28.9	32.8
-45°	0.0	1.1	3.0	5.5	8.9	12.4	15.8	19.3	23.6	27.4	30.9
-47.5°	0.0	1.1	2.8	5.0	8.3	11.6	14.8	18.1	21.9	25.8	29.1
-50°	0.0	1.0	2.5	4.7	7.7	10.8	13.9	17.0	20.2	23.9	27.2
-52.5°	0.0	1.0	2.3	4.3	7.0	9.9	12.9	15.8	18.7	22.0	25.1
-55°	0.0	0.9	2.1	4.0	6.3	9.1	11.8	14.6	17.3	20.1	23.1
-57.5°	0.0	0.9	1.8	3.6	5.6	8.2	10.8	13.3	15.9	18.4	21.1
-60°	0.0	0.8	1.6	3.2	4.9	7.3	9.7	12.0	14.4	16.8	19.1
-62.5°	0.0	0.7	1.5	2.9	4.4	6.3	8.6	10.7	12.9	15.1	17.2
-65°	0.0	0.7	1.4	2.5	3.9	5.4	7.4	9.4	11.4	13.3	15.3
-67.5°	0.0	0.6	1.2	2.1	3.3	4.6	6.2	8.1	9.8	11.6	13.3
-70°	0.0	0.5	1.1	1.7	2.8	3.9	5.1	6.7	8.3	9.8	11.4
-72.5°	0.0	0.5	1.0	1.4	2.3	3.2	4.2	5.3	6.7	8.1	9.4
-75°	0.0	0.4	0.8	1.2	1.7	2.5	3.4	4.2	5.1	6.2	7.4
-77.5°	0.0	0.3	0.7	1.0	1.4	1.8	2.5	3.2	3.9	4.6	5.4
-80°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.3	2.8	3.3	3.9
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-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):

	-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.4	3.5
82.5°	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.5	5.9	6.3	6.7
80°	4.4	4.9	5.6	6.3	7.0	7.7	8.3	8.9	9.5	10.1	10.6
77.5°	6.3	7.3	8.2	9.1	9.9	10.8	11.6	12.4	13.1	13.8	14.5
75°	8.6	9.7	10.8	11.8	12.9	13.9	14.8	15.8	16.7	17.6	18.4
72.5°	10.7	12.0	13.3	14.6	15.8	17.0	18.1	19.3	20.5	21.8	23.1
70°	12.9	14.4	15.9	17.3	18.7	20.2	21.9	23.6	25.2	26.6	27.7
67.5°	15.1	16.8	18.4	20.1	22.2	24.2	26.2	27.6	28.9	30.2	31.6
65°	17.2	19.1	21.1	23.4	25.9	27.7	29.3	30.9	32.8	34.8	36.6
62.5°	19.3	21.5	23.9	26.5	28.7	30.6	32.9	35.2	37.4	39.1	40.6
60°	21.4	23.8	26.6	29.3	31.7	34.4	37.0	39.1	40.9	42.6	44.5
57.5°	23.5	26.2	29.4	32.3	35.3	38.1	40.2	42.3	44.2	46.2	48.3
55°	25.8	28.9	32.3	35.6	38.6	40.9	43.2	45.4	47.5	49.6	51.6
52.5°	28.2	31.7	35.3	38.6	41.1	43.6	46.1	48.5	50.8	52.8	54.2
50°	30.5	34.4	38.1	40.9	43.6	46.3	48.9	51.5	53.4	55.0	56.1
47.5°	32.9	37.0	40.2	43.2	46.1	48.9	51.7	53.8	55.5	56.4	57.2
45°	35.2	39.1	42.3	45.4	48.5	51.5	53.8	55.7	56.6	57.5	58.4
42.5°	37.4	40.9	44.3	47.5	50.8	53.4	55.5	56.7	57.6	58.6	60.0
40°	39.1	42.6	46.5	49.7	52.8	55.0	56.8	57.9	58.6	60.2	62.1
37.5°	40.6	44.6	48.6	51.9	54.2	56.5	58.2	59.0	60.2	62.1	64.8
35°	42.1	46.6	50.5	53.6	55.8	58.0	59.3	60.3	62.3	65.0	67.9
32.5°	43.7	48.6	52.3	55.0	57.1	59.2	60.2	62.2	64.8	68.0	71.1
30°	45.4	50.2	53.9	56.3	58.3	59.7	61.6	64.1	67.6	70.5	73.9
27.5°	46.8	51.7	55.0	57.3	59.1	59.9	62.4	66.5	69.7	72.7	76.5
25°	48.1	52.7	56.2	58.1	59.2	60.3	63.1	67.8	71.3	75.0	80.8
22.5°	49.0	53.6	57.0	58.7	59.2	60.6	64.2	68.5	72.2	77.1	85.4
20°	49.7	54.2	57.5	59.0	59.0	60.7	65.1	68.9	73.6	80.6	89.9
17.5°	50.3	54.8	57.9	59.0	59.3	61.2	65.8	69.2	75.1	83.7	94.3
15°	50.8	55.4	58.2	59.0	59.7	62.2	66.3	70.3	77.1	86.7	98.6
12.5°	51.2	55.9	58.4	59.0	59.9	62.9	66.9	71.8	79.3	89.9	106.8
10°	51.5	56.3	58.6	59.0	60.2	63.3	67.5	73.1	81.0	92.7	114.1
7.5°	51.9	56.7	58.8	59.0	60.4	63.5	68.0	74.0	82.2	95.0	120.4
5°	52.2	57.1	58.9	59.0	60.5	63.7	68.4	74.7	82.8	96.8	125.4
2.5°	52.3	57.2	59.0	59.0	60.6	63.8	68.7	75.2	83.3	97.9	127.4
0°	52.4	57.3	59.0	59.0	60.6	63.9	68.8	75.3	83.5	98.3	126.1
-2.5°	52.3	57.2	59.0	59.0	60.6	63.8	68.7	75.2	83.3	97.9	127.4
-5°	52.2	57.1	58.9	59.0	60.5	63.7	68.4	74.7	82.8	96.8	125.4
-7.5°	51.9	56.7	58.8	59.0	60.4	63.5	68.0	74.0	82.2	95.0	120.4
-10°	51.5	56.3	58.6	59.0	60.2	63.3	67.5	73.1	81.0	92.7	114.1
-12.5°	51.2	55.9	58.4	59.0	59.9	62.9	66.9	71.8	79.3	89.9	106.8
-15°	50.8	55.4	58.2	59.0	59.7	62.2	66.3	70.3	77.1	86.7	98.6
-17.5°	50.3	54.8	57.9	59.0	59.3	61.2	65.8	69.2	75.1	83.7	94.3
-20°	49.7	54.2	57.5	59.0	59.0	60.7	65.1	68.9	73.6	80.6	89.9



REPORT NUMBER: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	49.0	53.6	57.0	58.7	59.2	60.6	64.2	68.5	72.2	77.1	85.4
-25°	48.1	52.7	56.2	58.1	59.2	60.3	63.1	67.8	71.3	75.0	80.8
-27.5°	46.8	51.7	55.0	57.3	59.1	59.9	62.4	66.5	69.7	72.7	76.5
-30°	45.4	50.2	53.9	56.3	58.3	59.7	61.6	64.1	67.6	70.5	73.9
-32.5°	43.7	48.6	52.3	55.0	57.1	59.2	60.2	62.2	64.8	68.0	71.1
-35°	42.1	46.6	50.5	53.6	55.8	58.0	59.3	60.3	62.3	65.0	67.9
-37.5°	40.6	44.6	48.6	51.9	54.2	56.5	58.2	59.0	60.2	62.1	64.8
-40°	39.1	42.6	46.5	49.7	52.8	55.0	56.8	57.9	58.6	60.2	62.1
-42.5°	37.4	40.9	44.3	47.5	50.8	53.4	55.5	56.7	57.6	58.6	60.0
-45°	35.2	39.1	42.3	45.4	48.5	51.5	53.8	55.7	56.6	57.5	58.4
-47.5°	32.9	37.0	40.2	43.2	46.1	48.9	51.7	53.8	55.5	56.4	57.2
-50°	30.5	34.4	38.1	40.9	43.6	46.3	48.9	51.5	53.4	55.0	56.1
-52.5°	28.2	31.7	35.3	38.6	41.1	43.6	46.1	48.5	50.8	52.8	54.2
-55°	25.8	28.9	32.3	35.6	38.6	40.9	43.2	45.4	47.5	49.6	51.6
-57.5°	23.5	26.2	29.4	32.3	35.3	38.1	40.2	42.3	44.2	46.2	48.3
-60°	21.4	23.8	26.6	29.3	31.7	34.4	37.0	39.1	40.9	42.6	44.5
-62.5°	19.3	21.5	23.9	26.5	28.7	30.6	32.9	35.2	37.4	39.1	40.6
-65°	17.2	19.1	21.1	23.4	25.9	27.7	29.3	30.9	32.8	34.8	36.6
-67.5°	15.1	16.8	18.4	20.1	22.2	24.2	26.2	27.6	28.9	30.2	31.6
-70°	12.9	14.4	15.9	17.3	18.7	20.2	21.9	23.6	25.2	26.6	27.7
-72.5°	10.7	12.0	13.3	14.6	15.8	17.0	18.1	19.3	20.5	21.8	23.1
-75°	8.6	9.7	10.8	11.8	12.9	13.9	14.8	15.8	16.7	17.6	18.4
-77.5°	6.3	7.3	8.2	9.1	9.9	10.8	11.6	12.4	13.1	13.8	14.5
-80°	4.4	4.9	5.6	6.3	7.0	7.7	8.3	8.9	9.5	10.1	10.6
-82.5°	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.5	5.9	6.3	6.7
-85°	1.5	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.4	3.5
-87.5°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	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: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-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°	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6
85°	3.7	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8
82.5°	7.1	7.5	7.8	8.1	8.4	8.7	8.9	9.1	9.3	9.4	9.6
80°	11.1	11.6	12.1	12.5	12.8	13.2	13.5	13.8	14.0	14.2	14.4
77.5°	15.1	15.7	16.3	16.8	17.3	17.8	18.2	18.5	18.8	19.4	20.0
75°	19.2	20.0	20.9	21.7	22.5	23.2	23.8	24.4	24.8	25.3	25.7
72.5°	24.3	25.4	26.4	27.1	27.8	28.4	29.0	29.5	29.9	30.5	31.2
70°	28.7	29.7	30.6	31.5	32.6	33.5	34.4	35.2	35.8	36.5	37.0
67.5°	33.1	34.6	36.0	37.3	38.3	39.1	40.0	41.0	42.0	42.6	42.7
65°	38.2	39.4	40.6	41.7	42.7	43.9	45.3	46.4	47.2	47.8	48.2
62.5°	42.1	43.7	45.4	47.0	48.4	49.4	50.2	51.0	51.8	52.6	53.1
60°	46.5	48.7	50.0	50.9	51.7	52.4	53.4	54.2	54.8	55.3	56.3
57.5°	50.2	51.6	52.7	53.7	54.6	55.4	55.9	56.2	56.5	56.8	57.6
55°	53.1	54.3	55.4	56.1	56.5	57.0	57.4	57.8	58.1	58.4	58.3
52.5°	55.6	56.3	56.9	57.4	58.0	58.5	58.9	59.7	60.1	60.1	59.8
50°	56.8	57.5	58.2	58.8	60.0	61.5	63.2	63.6	63.4	62.9	62.8
47.5°	58.0	58.8	60.0	61.3	63.0	65.1	67.3	68.1	67.8	67.2	67.2
45°	59.5	61.1	62.5	64.0	65.8	68.9	71.5	73.0	72.7	72.6	73.1
42.5°	61.8	63.5	65.1	67.7	70.7	73.4	75.2	76.6	77.9	79.7	81.4
40°	64.2	66.2	69.6	72.8	75.1	77.2	80.7	83.5	86.2	89.0	91.0
37.5°	67.4	70.8	74.3	77.3	80.9	85.3	89.4	93.2	96.6	103.1	107.9
35°	71.3	75.0	79.1	83.0	88.4	94.6	101.3	111.1	119.3	131.8	143.6
32.5°	74.6	78.9	83.8	90.7	98.5	110.7	123.4	142.1	161.2	182.9	205.8
30°	77.8	84.3	91.7	101.5	115.7	135.0	158.1	190.0	225.0	260.6	306.3
27.5°	83.3	91.0	100.8	117.5	141.3	169.3	214.8	265.5	334.6	391.8	492.4
25°	88.8	97.6	116.1	142.2	176.3	227.2	303.6	390.4	534.5	718.7	920.2
22.5°	94.5	111.0	136.6	171.2	228.7	317.6	436.2	652.0	926.8	1248.9	1566.5
20°	102.0	124.7	162.4	217.7	305.7	436.2	695.5	1071.8	1495.3	1921.6	2265.2
17.5°	113.6	146.6	195.3	268.0	393.0	649.0	1066.6	1597.8	2105.7	2541.9	2843.4
15°	123.9	167.2	230.5	338.6	541.9	939.1	1488.2	2089.1	2626.3	3052.0	3414.3
12.5°	138.6	191.1	270.0	402.5	739.2	1284.9	1918.8	2520.3	3052.8	3662.8	4640.5
10°	153.3	217.0	321.8	514.9	963.9	1610.9	2269.6	2854.5	3467.4	4734.6	7782.9
7.5°	165.9	237.1	362.2	628.4	1179.1	1865.8	2523.5	3112.5	4081.0	6905.3	12244.8
5°	175.7	251.1	390.1	721.2	1349.1	2050.6	2700.2	3337.9	4855.1	9427.3	15938.5
2.5°	180.8	259.3	406.8	797.3	1463.4	2162.4	2805.4	3517.1	5609.0	11078.9	18215.5
0°	180.1	262.0	411.0	804.0	1477.0	2187.7	2832.9	3602.5	5878.7	11678.7	19029.6
-2.5°	180.8	259.3	406.8	797.3	1463.4	2162.4	2805.4	3517.1	5609.0	11078.9	18215.5
-5°	175.7	251.1	390.1	721.2	1349.1	2050.6	2700.2	3337.9	4855.1	9427.3	15938.5
-7.5°	165.9	237.1	362.2	628.4	1179.1	1865.8	2523.5	3112.5	4081.0	6905.3	12244.8
-10°	153.3	217.0	321.8	514.9	963.9	1610.9	2269.6	2854.5	3467.4	4734.6	7782.9
-12.5°	138.6	191.1	270.0	402.5	739.2	1284.9	1918.8	2520.3	3052.8	3662.8	4640.5
-15°	123.9	167.2	230.5	338.6	541.9	939.1	1488.2	2089.1	2626.3	3052.0	3414.3
-17.5°	113.6	146.6	195.3	268.0	393.0	649.0	1066.6	1597.8	2105.7	2541.9	2843.4
-20°	102.0	124.7	162.4	217.7	305.7	436.2	695.5	1071.8	1495.3	1921.6	2265.2



REPORT NUMBER: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	94.5	111.0	136.6	171.2	228.7	317.6	436.2	652.0	926.8	1248.9	1566.5
-25°	88.8	97.6	116.1	142.2	176.3	227.2	303.6	390.4	534.5	718.7	920.2
-27.5°	83.3	91.0	100.8	117.5	141.3	169.3	214.8	265.5	334.6	391.8	492.4
-30°	77.8	84.3	91.7	101.5	115.7	135.0	158.1	190.0	225.0	260.6	306.3
-32.5°	74.6	78.9	83.8	90.7	98.5	110.7	123.4	142.1	161.2	182.9	205.8
-35°	71.3	75.0	79.1	83.0	88.4	94.6	101.3	111.1	119.3	131.8	143.6
-37.5°	67.4	70.8	74.3	77.3	80.9	85.3	89.4	93.2	96.6	103.1	107.9
-40°	64.2	66.2	69.6	72.8	75.1	77.2	80.7	83.5	86.2	89.0	91.0
-42.5°	61.8	63.5	65.1	67.7	70.7	73.4	75.2	76.6	77.9	79.7	81.4
-45°	59.5	61.1	62.5	64.0	65.8	68.9	71.5	73.0	72.7	72.6	73.1
-47.5°	58.0	58.8	60.0	61.3	63.0	65.1	67.3	68.1	67.8	67.2	67.2
-50°	56.8	57.5	58.2	58.8	60.0	61.5	63.2	63.6	63.4	62.9	62.8
-52.5°	55.6	56.3	56.9	57.4	58.0	58.5	58.9	59.7	60.1	60.1	59.8
-55°	53.1	54.3	55.4	56.1	56.5	57.0	57.4	57.8	58.1	58.4	58.3
-57.5°	50.2	51.6	52.7	53.7	54.6	55.4	55.9	56.2	56.5	56.8	57.6
-60°	46.5	48.7	50.0	50.9	51.7	52.4	53.4	54.2	54.8	55.3	56.3
-62.5°	42.1	43.7	45.4	47.0	48.4	49.4	50.2	51.0	51.8	52.6	53.1
-65°	38.2	39.4	40.6	41.7	42.7	43.9	45.3	46.4	47.2	47.8	48.2
-67.5°	33.1	34.6	36.0	37.3	38.3	39.1	40.0	41.0	42.0	42.6	42.7
-70°	28.7	29.7	30.6	31.5	32.6	33.5	34.4	35.2	35.8	36.5	37.0
-72.5°	24.3	25.4	26.4	27.1	27.8	28.4	29.0	29.5	29.9	30.5	31.2
-75°	19.2	20.0	20.9	21.7	22.5	23.2	23.8	24.4	24.8	25.3	25.7
-77.5°	15.1	15.7	16.3	16.8	17.3	17.8	18.2	18.5	18.8	19.4	20.0
-80°	11.1	11.6	12.1	12.5	12.8	13.2	13.5	13.8	14.0	14.2	14.4
-82.5°	7.1	7.5	7.8	8.1	8.4	8.7	8.9	9.1	9.3	9.4	9.6
-85°	3.7	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8
-87.5°	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6
-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: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
85°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7	4.6
82.5°	9.7	9.7	9.8	9.8	9.8	9.7	9.7	9.6	9.4	9.3	9.1
80°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.4	14.2	14.0	13.8
77.5°	20.6	21.2	21.3	21.3	21.3	21.2	20.6	20.0	19.4	18.8	18.5
75°	25.9	26.1	26.2	26.2	26.2	26.1	25.9	25.7	25.3	24.8	24.4
72.5°	31.9	32.6	32.8	32.8	32.8	32.6	31.9	31.2	30.5	29.9	29.5
70°	37.3	37.5	37.7	37.7	37.7	37.5	37.3	37.0	36.5	35.8	35.2
67.5°	42.7	42.5	42.6	42.6	42.6	42.5	42.7	42.7	42.6	42.0	41.0
65°	48.6	48.8	49.0	49.1	49.0	48.8	48.6	48.2	47.8	47.2	46.4
62.5°	53.5	53.8	53.9	54.0	53.9	53.8	53.5	53.1	52.6	51.8	51.0
60°	57.4	58.5	58.9	59.0	58.9	58.5	57.4	56.3	55.3	54.8	54.2
57.5°	58.3	58.8	59.0	59.0	59.0	58.8	58.3	57.6	56.8	56.5	56.2
55°	58.0	57.6	57.3	57.3	57.3	57.6	58.0	58.3	58.4	58.1	57.8
52.5°	59.5	59.1	59.0	59.0	59.0	59.1	59.5	59.8	60.1	60.1	59.7
50°	63.2	63.6	63.8	63.9	63.8	63.6	63.2	62.8	62.9	63.4	63.6
47.5°	67.9	68.4	68.7	68.8	68.7	68.4	67.9	67.2	67.2	67.8	68.1
45°	74.0	74.7	75.2	75.3	75.2	74.7	74.0	73.1	72.6	72.7	73.0
42.5°	82.6	83.1	83.3	83.5	83.3	83.1	82.6	81.4	79.7	77.9	76.6
40°	93.0	94.9	96.3	96.6	96.3	94.9	93.0	91.0	89.0	86.2	83.5
37.5°	112.5	116.4	118.6	117.9	118.6	116.4	112.5	107.9	103.1	96.6	93.2
35°	153.2	160.1	164.0	165.4	164.0	160.1	153.2	143.6	131.8	119.3	111.1
32.5°	224.9	238.2	246.0	248.9	246.0	238.2	224.9	205.8	182.9	161.2	142.1
30°	340.7	362.4	373.4	381.5	373.4	362.4	340.7	306.3	260.6	225.0	190.0
27.5°	591.8	671.9	733.5	747.6	733.5	671.9	591.8	492.4	391.8	334.6	265.5
25°	1120.2	1285.8	1377.0	1423.0	1377.0	1285.8	1120.2	920.2	718.7	534.5	390.4
22.5°	1840.9	2031.3	2126.9	2168.9	2126.9	2031.3	1840.9	1566.5	1248.9	926.8	652.0
20°	2513.7	2676.0	2756.6	2783.8	2756.6	2676.0	2513.7	2265.2	1921.6	1495.3	1071.8
17.5°	3054.7	3211.6	3343.9	3394.6	3343.9	3211.6	3054.7	2843.4	2541.9	2105.7	1597.8
15°	3897.7	4491.1	5033.0	5241.7	5033.0	4491.1	3897.7	3414.3	3052.0	2626.3	2089.1
12.5°	6539.2	8808.8	10600.6	11178.5	10600.6	8808.8	6539.2	4640.5	3662.8	3052.8	2520.3
10°	12085.7	15580.3	17998.4	18890.4	17998.4	15580.3	12085.7	7782.9	4734.6	3467.4	2854.5
7.5°	17506.4	21095.8	23233.8	23665.4	23233.8	21095.8	17506.4	12244.8	6905.3	4081.0	3112.5
5°	21275.9	25443.3	26094.8	25574.7	26094.8	25443.3	21275.9	15938.5	9427.3	4855.1	3337.9
2.5°	23949.8	27572.6	28539.8	27765.7	28539.8	27572.6	23949.8	18215.5	11078.9	5609.0	3517.1
0°	24467.7	27166.4	28836.6	29100.3	28836.6	27166.4	24467.7	19029.6	11678.7	5878.7	3602.5
-2.5°	23949.8	27572.6	28539.8	27765.7	28539.8	27572.6	23949.8	18215.5	11078.9	5609.0	3517.1
-5°	21275.9	25443.3	26094.8	25574.7	26094.8	25443.3	21275.9	15938.5	9427.3	4855.1	3337.9
-7.5°	17506.4	21095.8	23233.8	23665.4	23233.8	21095.8	17506.4	12244.8	6905.3	4081.0	3112.5
-10°	12085.7	15580.3	17998.4	18890.4	17998.4	15580.3	12085.7	7782.9	4734.6	3467.4	2854.5
-12.5°	6539.2	8808.8	10600.6	11178.5	10600.6	8808.8	6539.2	4640.5	3662.8	3052.8	2520.3
-15°	3897.7	4491.1	5033.0	5241.7	5033.0	4491.1	3897.7	3414.3	3052.0	2626.3	2089.1
-17.5°	3054.7	3211.6	3343.9	3394.6	3343.9	3211.6	3054.7	2843.4	2541.9	2105.7	1597.8
-20°	2513.7	2676.0	2756.6	2783.8	2756.6	2676.0	2513.7	2265.2	1921.6	1495.3	1071.8



REPORT NUMBER: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1840.9	2031.3	2126.9	2168.9	2126.9	2031.3	1840.9	1566.5	1248.9	926.8	652.0
-25°	1120.2	1285.8	1377.0	1423.0	1377.0	1285.8	1120.2	920.2	718.7	534.5	390.4
-27.5°	591.8	671.9	733.5	747.6	733.5	671.9	591.8	492.4	391.8	334.6	265.5
-30°	340.7	362.4	373.4	381.5	373.4	362.4	340.7	306.3	260.6	225.0	190.0
-32.5°	224.9	238.2	246.0	248.9	246.0	238.2	224.9	205.8	182.9	161.2	142.1
-35°	153.2	160.1	164.0	165.4	164.0	160.1	153.2	143.6	131.8	119.3	111.1
-37.5°	112.5	116.4	118.6	117.9	118.6	116.4	112.5	107.9	103.1	96.6	93.2
-40°	93.0	94.9	96.3	96.6	96.3	94.9	93.0	91.0	89.0	86.2	83.5
-42.5°	82.6	83.1	83.3	83.5	83.3	83.1	82.6	81.4	79.7	77.9	76.6
-45°	74.0	74.7	75.2	75.3	75.2	74.7	74.0	73.1	72.6	72.7	73.0
-47.5°	67.9	68.4	68.7	68.8	68.7	68.4	67.9	67.2	67.2	67.8	68.1
-50°	63.2	63.6	63.8	63.9	63.8	63.6	63.2	62.8	62.9	63.4	63.6
-52.5°	59.5	59.1	59.0	59.0	59.0	59.1	59.5	59.8	60.1	60.1	59.7
-55°	58.0	57.6	57.3	57.3	57.3	57.6	58.0	58.3	58.4	58.1	57.8
-57.5°	58.3	58.8	59.0	59.0	59.0	58.8	58.3	57.6	56.8	56.5	56.2
-60°	57.4	58.5	58.9	59.0	58.9	58.5	57.4	56.3	55.3	54.8	54.2
-62.5°	53.5	53.8	53.9	54.0	53.9	53.8	53.5	53.1	52.6	51.8	51.0
-65°	48.6	48.8	49.0	49.1	49.0	48.8	48.6	48.2	47.8	47.2	46.4
-67.5°	42.7	42.5	42.6	42.6	42.6	42.5	42.7	42.7	42.6	42.0	41.0
-70°	37.3	37.5	37.7	37.7	37.7	37.5	37.3	37.0	36.5	35.8	35.2
-72.5°	31.9	32.6	32.8	32.8	32.8	32.6	31.9	31.2	30.5	29.9	29.5
-75°	25.9	26.1	26.2	26.2	26.2	26.1	25.9	25.7	25.3	24.8	24.4
-77.5°	20.6	21.2	21.3	21.3	21.3	21.2	20.6	20.0	19.4	18.8	18.5
-80°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.4	14.2	14.0	13.8
-82.5°	9.7	9.7	9.8	9.8	9.8	9.7	9.7	9.6	9.4	9.3	9.1
-85°	4.8	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7	4.6
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
-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: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-BK

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°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
85°	4.5	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.4	3.2	3.0
82.5°	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.9	5.5
80°	13.5	13.2	12.8	12.5	12.1	11.6	11.1	10.6	10.1	9.5	8.9
77.5°	18.2	17.8	17.3	16.8	16.3	15.7	15.1	14.5	13.8	13.1	12.4
75°	23.8	23.2	22.5	21.7	20.9	20.0	19.2	18.4	17.6	16.7	15.8
72.5°	29.0	28.4	27.8	27.1	26.4	25.4	24.3	23.1	21.8	20.5	19.3
70°	34.4	33.5	32.6	31.5	30.6	29.7	28.7	27.7	26.6	25.2	23.6
67.5°	40.0	39.1	38.3	37.3	36.0	34.6	33.1	31.6	30.2	28.9	27.6
65°	45.3	43.9	42.7	41.7	40.6	39.4	38.2	36.6	34.8	32.8	30.9
62.5°	50.2	49.4	48.4	47.0	45.4	43.7	42.1	40.6	39.1	37.4	35.2
60°	53.4	52.4	51.7	50.9	50.0	48.7	46.5	44.5	42.6	40.9	39.1
57.5°	55.9	55.4	54.6	53.7	52.7	51.6	50.2	48.3	46.2	44.2	42.3
55°	57.4	57.0	56.5	56.1	55.4	54.3	53.1	51.6	49.6	47.5	45.4
52.5°	58.9	58.5	58.0	57.4	56.9	56.3	55.6	54.2	52.8	50.8	48.5
50°	63.2	61.5	60.0	58.8	58.2	57.5	56.8	56.1	55.0	53.4	51.5
47.5°	67.3	65.1	63.0	61.3	60.0	58.8	58.0	57.2	56.4	55.5	53.8
45°	71.5	68.9	65.8	64.0	62.5	61.1	59.5	58.4	57.5	56.6	55.7
42.5°	75.2	73.4	70.7	67.7	65.1	63.5	61.8	60.0	58.6	57.6	56.7
40°	80.7	77.2	75.1	72.8	69.6	66.2	64.2	62.1	60.2	58.6	57.9
37.5°	89.4	85.3	80.9	77.3	74.3	70.8	67.4	64.8	62.1	60.2	59.0
35°	101.3	94.6	88.4	83.0	79.1	75.0	71.3	67.9	65.0	62.3	60.3
32.5°	123.4	110.7	98.5	90.7	83.8	78.9	74.6	71.1	68.0	64.8	62.2
30°	158.1	135.0	115.7	101.5	91.7	84.3	77.8	73.9	70.5	67.6	64.1
27.5°	214.8	169.3	141.3	117.5	100.8	91.0	83.3	76.5	72.7	69.7	66.5
25°	303.6	227.2	176.3	142.2	116.1	97.6	88.8	80.8	75.0	71.3	67.8
22.5°	436.2	317.6	228.7	171.2	136.6	111.0	94.5	85.4	77.1	72.2	68.5
20°	695.5	436.2	305.7	217.7	162.4	124.7	102.0	89.9	80.6	73.6	68.9
17.5°	1066.6	649.0	393.0	268.0	195.3	146.6	113.6	94.3	83.7	75.1	69.2
15°	1488.2	939.1	541.9	338.6	230.5	167.2	123.9	98.6	86.7	77.1	70.3
12.5°	1918.8	1284.9	739.2	402.5	270.0	191.1	138.6	106.8	89.9	79.3	71.8
10°	2269.6	1610.9	963.9	514.9	321.8	217.0	153.3	114.1	92.7	81.0	73.1
7.5°	2523.5	1865.8	1179.1	628.4	362.2	237.1	165.9	120.4	95.0	82.2	74.0
5°	2700.2	2050.6	1349.1	721.2	390.1	251.1	175.7	125.4	96.8	82.8	74.7
2.5°	2805.4	2162.4	1463.4	797.3	406.8	259.3	180.8	127.4	97.9	83.3	75.2
0°	2832.9	2187.7	1477.0	804.0	411.0	262.0	180.1	126.1	98.3	83.5	75.3
-2.5°	2805.4	2162.4	1463.4	797.3	406.8	259.3	180.8	127.4	97.9	83.3	75.2
-5°	2700.2	2050.6	1349.1	721.2	390.1	251.1	175.7	125.4	96.8	82.8	74.7
-7.5°	2523.5	1865.8	1179.1	628.4	362.2	237.1	165.9	120.4	95.0	82.2	74.0
-10°	2269.6	1610.9	963.9	514.9	321.8	217.0	153.3	114.1	92.7	81.0	73.1
-12.5°	1918.8	1284.9	739.2	402.5	270.0	191.1	138.6	106.8	89.9	79.3	71.8
-15°	1488.2	939.1	541.9	338.6	230.5	167.2	123.9	98.6	86.7	77.1	70.3
-17.5°	1066.6	649.0	393.0	268.0	195.3	146.6	113.6	94.3	83.7	75.1	69.2
-20°	695.5	436.2	305.7	217.7	162.4	124.7	102.0	89.9	80.6	73.6	68.9



REPORT NUMBER: P561399 (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°	436.2	317.6	228.7	171.2	136.6	111.0	94.5	85.4	77.1	72.2	68.5
-25°	303.6	227.2	176.3	142.2	116.1	97.6	88.8	80.8	75.0	71.3	67.8
-27.5°	214.8	169.3	141.3	117.5	100.8	91.0	83.3	76.5	72.7	69.7	66.5
-30°	158.1	135.0	115.7	101.5	91.7	84.3	77.8	73.9	70.5	67.6	64.1
-32.5°	123.4	110.7	98.5	90.7	83.8	78.9	74.6	71.1	68.0	64.8	62.2
-35°	101.3	94.6	88.4	83.0	79.1	75.0	71.3	67.9	65.0	62.3	60.3
-37.5°	89.4	85.3	80.9	77.3	74.3	70.8	67.4	64.8	62.1	60.2	59.0
-40°	80.7	77.2	75.1	72.8	69.6	66.2	64.2	62.1	60.2	58.6	57.9
-42.5°	75.2	73.4	70.7	67.7	65.1	63.5	61.8	60.0	58.6	57.6	56.7
-45°	71.5	68.9	65.8	64.0	62.5	61.1	59.5	58.4	57.5	56.6	55.7
-47.5°	67.3	65.1	63.0	61.3	60.0	58.8	58.0	57.2	56.4	55.5	53.8
-50°	63.2	61.5	60.0	58.8	58.2	57.5	56.8	56.1	55.0	53.4	51.5
-52.5°	58.9	58.5	58.0	57.4	56.9	56.3	55.6	54.2	52.8	50.8	48.5
-55°	57.4	57.0	56.5	56.1	55.4	54.3	53.1	51.6	49.6	47.5	45.4
-57.5°	55.9	55.4	54.6	53.7	52.7	51.6	50.2	48.3	46.2	44.2	42.3
-60°	53.4	52.4	51.7	50.9	50.0	48.7	46.5	44.5	42.6	40.9	39.1
-62.5°	50.2	49.4	48.4	47.0	45.4	43.7	42.1	40.6	39.1	37.4	35.2
-65°	45.3	43.9	42.7	41.7	40.6	39.4	38.2	36.6	34.8	32.8	30.9
-67.5°	40.0	39.1	38.3	37.3	36.0	34.6	33.1	31.6	30.2	28.9	27.6
-70°	34.4	33.5	32.6	31.5	30.6	29.7	28.7	27.7	26.6	25.2	23.6
-72.5°	29.0	28.4	27.8	27.1	26.4	25.4	24.3	23.1	21.8	20.5	19.3
-75°	23.8	23.2	22.5	21.7	20.9	20.0	19.2	18.4	17.6	16.7	15.8
-77.5°	18.2	17.8	17.3	16.8	16.3	15.7	15.1	14.5	13.8	13.1	12.4
-80°	13.5	13.2	12.8	12.5	12.1	11.6	11.1	10.6	10.1	9.5	8.9
-82.5°	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.9	5.5
-85°	4.5	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.4	3.2	3.0
-87.5°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	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: P561399 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-NR-BK

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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	2.8	2.5	2.3	2.1	1.8	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	5.0	4.7	4.3	4.0	3.6	3.2	2.9	2.5	2.1	1.7	1.4
80°	8.3	7.7	7.0	6.3	5.6	4.9	4.4	3.9	3.3	2.8	2.3
77.5°	11.6	10.8	9.9	9.1	8.2	7.3	6.3	5.4	4.6	3.9	3.2
75°	14.8	13.9	12.9	11.8	10.8	9.7	8.6	7.4	6.2	5.1	4.2
72.5°	18.1	17.0	15.8	14.6	13.3	12.0	10.7	9.4	8.1	6.7	5.3
70°	21.9	20.2	18.7	17.3	15.9	14.4	12.9	11.4	9.8	8.3	6.7
67.5°	26.2	24.2	22.2	20.1	18.4	16.8	15.1	13.3	11.6	9.8	8.1
65°	29.3	27.7	25.9	23.4	21.1	19.1	17.2	15.3	13.3	11.4	9.4
62.5°	32.9	30.6	28.7	26.5	23.9	21.5	19.3	17.2	15.1	12.9	10.7
60°	37.0	34.4	31.7	29.3	26.6	23.8	21.4	19.1	16.8	14.4	12.0
57.5°	40.2	38.1	35.3	32.3	29.4	26.2	23.5	21.1	18.4	15.9	13.3
55°	43.2	40.9	38.6	35.6	32.3	28.9	25.8	23.1	20.1	17.3	14.6
52.5°	46.1	43.6	41.1	38.6	35.3	31.7	28.2	25.1	22.0	18.7	15.8
50°	48.9	46.3	43.6	40.9	38.1	34.4	30.5	27.2	23.9	20.2	17.0
47.5°	51.7	48.9	46.1	43.2	40.2	37.0	32.9	29.1	25.8	21.9	18.1
45°	53.8	51.5	48.5	45.4	42.3	39.1	35.2	30.9	27.4	23.6	19.3
42.5°	55.5	53.4	50.8	47.5	44.3	40.9	37.4	32.8	28.9	25.2	20.5
40°	56.8	55.0	52.8	49.7	46.5	42.6	39.1	34.8	30.2	26.6	21.8
37.5°	58.2	56.5	54.2	51.9	48.6	44.6	40.6	36.6	31.6	27.7	23.1
35°	59.3	58.0	55.8	53.6	50.5	46.6	42.1	38.2	33.1	28.7	24.3
32.5°	60.2	59.2	57.1	55.0	52.3	48.6	43.7	39.4	34.6	29.7	25.4
30°	61.6	59.7	58.3	56.3	53.9	50.2	45.4	40.6	36.0	30.6	26.4
27.5°	62.4	59.9	59.1	57.3	55.0	51.7	46.8	41.7	37.3	31.5	27.1
25°	63.1	60.3	59.2	58.1	56.2	52.7	48.1	42.6	38.3	32.6	27.8
22.5°	64.2	60.6	59.2	58.7	57.0	53.6	49.0	43.7	39.1	33.5	28.4
20°	65.1	60.7	59.0	59.0	57.5	54.2	49.7	44.6	39.8	34.4	29.0
17.5°	65.8	61.2	59.3	59.0	57.9	54.8	50.3	45.3	40.5	35.2	29.5
15°	66.3	62.2	59.7	59.0	58.2	55.4	50.8	45.9	41.0	35.8	29.9
12.5°	66.9	62.9	59.9	59.0	58.4	55.9	51.2	46.4	41.5	36.4	30.3
10°	67.5	63.3	60.2	59.0	58.6	56.3	51.5	46.7	41.9	36.9	30.6
7.5°	68.0	63.5	60.4	59.0	58.8	56.7	51.9	47.1	42.2	37.2	30.8
5°	68.4	63.7	60.5	59.0	58.9	57.1	52.2	47.3	42.4	37.5	31.0
2.5°	68.7	63.8	60.6	59.0	59.0	57.2	52.3	47.5	42.6	37.6	31.1
0°	68.8	63.9	60.6	59.0	59.0	57.3	52.4	47.5	42.6	37.7	31.1
-2.5°	68.7	63.8	60.6	59.0	59.0	57.2	52.3	47.5	42.6	37.6	31.1
-5°	68.4	63.7	60.5	59.0	58.9	57.1	52.2	47.3	42.4	37.5	31.0
-7.5°	68.0	63.5	60.4	59.0	58.8	56.7	51.9	47.1	42.2	37.2	30.8
-10°	67.5	63.3	60.2	59.0	58.6	56.3	51.5	46.7	41.9	36.9	30.6
-12.5°	66.9	62.9	59.9	59.0	58.4	55.9	51.2	46.4	41.5	36.4	30.3
-15°	66.3	62.2	59.7	59.0	58.2	55.4	50.8	45.9	41.0	35.8	29.9
-17.5°	65.8	61.2	59.3	59.0	57.9	54.8	50.3	45.3	40.5	35.2	29.5
-20°	65.1	60.7	59.0	59.0	57.5	54.2	49.7	44.6	39.8	34.4	29.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	64.2	60.6	59.2	58.7	57.0	53.6	49.0	43.7	39.1	33.5	28.4
-25°	63.1	60.3	59.2	58.1	56.2	52.7	48.1	42.6	38.3	32.6	27.8
-27.5°	62.4	59.9	59.1	57.3	55.0	51.7	46.8	41.7	37.3	31.5	27.1
-30°	61.6	59.7	58.3	56.3	53.9	50.2	45.4	40.6	36.0	30.6	26.4
-32.5°	60.2	59.2	57.1	55.0	52.3	48.6	43.7	39.4	34.6	29.7	25.4
-35°	59.3	58.0	55.8	53.6	50.5	46.6	42.1	38.2	33.1	28.7	24.3
-37.5°	58.2	56.5	54.2	51.9	48.6	44.6	40.6	36.6	31.6	27.7	23.1
-40°	56.8	55.0	52.8	49.7	46.5	42.6	39.1	34.8	30.2	26.6	21.8
-42.5°	55.5	53.4	50.8	47.5	44.3	40.9	37.4	32.8	28.9	25.2	20.5
-45°	53.8	51.5	48.5	45.4	42.3	39.1	35.2	30.9	27.4	23.6	19.3
-47.5°	51.7	48.9	46.1	43.2	40.2	37.0	32.9	29.1	25.8	21.9	18.1
-50°	48.9	46.3	43.6	40.9	38.1	34.4	30.5	27.2	23.9	20.2	17.0
-52.5°	46.1	43.6	41.1	38.6	35.3	31.7	28.2	25.1	22.0	18.7	15.8
-55°	43.2	40.9	38.6	35.6	32.3	28.9	25.8	23.1	20.1	17.3	14.6
-57.5°	40.2	38.1	35.3	32.3	29.4	26.2	23.5	21.1	18.4	15.9	13.3
-60°	37.0	34.4	31.7	29.3	26.6	23.8	21.4	19.1	16.8	14.4	12.0
-62.5°	32.9	30.6	28.7	26.5	23.9	21.5	19.3	17.2	15.1	12.9	10.7
-65°	29.3	27.7	25.9	23.4	21.1	19.1	17.2	15.3	13.3	11.4	9.4
-67.5°	26.2	24.2	22.2	20.1	18.4	16.8	15.1	13.3	11.6	9.8	8.1
-70°	21.9	20.2	18.7	17.3	15.9	14.4	12.9	11.4	9.8	8.3	6.7
-72.5°	18.1	17.0	15.8	14.6	13.3	12.0	10.7	9.4	8.1	6.7	5.3
-75°	14.8	13.9	12.9	11.8	10.8	9.7	8.6	7.4	6.2	5.1	4.2
-77.5°	11.6	10.8	9.9	9.1	8.2	7.3	6.3	5.4	4.6	3.9	3.2
-80°	8.3	7.7	7.0	6.3	5.6	4.9	4.4	3.9	3.3	2.8	2.3
-82.5°	5.0	4.7	4.3	4.0	3.6	3.2	2.9	2.5	2.1	1.7	1.4
-85°	2.8	2.5	2.3	2.1	1.8	1.6	1.5	1.4	1.2	1.1	1.0
-87.5°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	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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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	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	2.5	1.8	1.4	1.0	0.7	0.3	0.0
75°	3.4	2.5	1.7	1.2	0.8	0.4	0.0
72.5°	4.2	3.2	2.3	1.4	1.0	0.5	0.0
70°	5.1	3.9	2.8	1.7	1.1	0.5	0.0
67.5°	6.2	4.6	3.3	2.1	1.2	0.6	0.0
65°	7.4	5.4	3.9	2.5	1.4	0.7	0.0
62.5°	8.6	6.3	4.4	2.9	1.5	0.7	0.0
60°	9.7	7.3	4.9	3.2	1.6	0.8	0.0
57.5°	10.8	8.2	5.6	3.6	1.8	0.9	0.0
55°	11.8	9.1	6.3	4.0	2.1	0.9	0.0
52.5°	12.9	9.9	7.0	4.3	2.3	1.0	0.0
50°	13.9	10.8	7.7	4.7	2.5	1.0	0.0
47.5°	14.8	11.6	8.3	5.0	2.8	1.1	0.0
45°	15.8	12.4	8.9	5.5	3.0	1.1	0.0
42.5°	16.7	13.1	9.5	5.9	3.2	1.2	0.0
40°	17.6	13.8	10.1	6.3	3.4	1.2	0.0
37.5°	18.4	14.5	10.6	6.7	3.5	1.3	0.0
35°	19.2	15.1	11.1	7.1	3.7	1.3	0.0
32.5°	20.0	15.7	11.6	7.5	3.9	1.3	0.0
30°	20.9	16.3	12.1	7.8	4.0	1.4	0.0
27.5°	21.7	16.8	12.5	8.1	4.2	1.4	0.0
25°	22.5	17.3	12.8	8.4	4.3	1.5	0.0
22.5°	23.2	17.8	13.2	8.7	4.4	1.5	0.0
20°	23.8	18.3	13.5	8.9	4.5	1.5	0.0
17.5°	24.4	18.8	13.8	9.1	4.6	1.5	0.0
15°	24.9	19.3	14.0	9.3	4.7	1.5	0.0
12.5°	25.3	19.7	14.2	9.4	4.7	1.6	0.0
10°	25.7	20.1	14.4	9.6	4.8	1.6	0.0
7.5°	25.9	20.5	14.5	9.7	4.8	1.6	0.0
5°	26.1	20.8	14.6	9.7	4.9	1.6	0.0
2.5°	26.2	21.1	14.7	9.8	4.9	1.6	0.0
0°	26.2	21.3	14.7	9.8	4.9	1.6	0.0
-2.5°	26.2	21.1	14.7	9.8	4.9	1.6	0.0
-5°	26.1	20.8	14.6	9.7	4.9	1.6	0.0
-7.5°	25.9	20.5	14.5	9.7	4.8	1.6	0.0
-10°	25.7	20.1	14.4	9.6	4.8	1.6	0.0
-12.5°	25.3	19.7	14.2	9.4	4.7	1.6	0.0
-15°	24.9	19.3	14.0	9.3	4.7	1.5	0.0
-17.5°	24.4	18.8	13.8	9.1	4.6	1.5	0.0
-20°	23.8	18.3	13.5	8.9	4.5	1.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.2	17.8	13.2	8.7	4.4	1.5	0.0
-25°	22.5	17.3	12.8	8.4	4.3	1.5	0.0
-27.5°	21.7	16.8	12.5	8.1	4.2	1.4	0.0
-30°	20.9	16.3	12.1	7.8	4.0	1.4	0.0
-32.5°	20.0	15.7	11.6	7.5	3.9	1.3	0.0
-35°	19.2	15.1	11.1	7.1	3.7	1.3	0.0
-37.5°	18.4	14.5	10.6	6.7	3.5	1.3	0.0
-40°	17.6	13.8	10.1	6.3	3.4	1.2	0.0
-42.5°	16.7	13.1	9.5	5.9	3.2	1.2	0.0
-45°	15.8	12.4	8.9	5.5	3.0	1.1	0.0
-47.5°	14.8	11.6	8.3	5.0	2.8	1.1	0.0
-50°	13.9	10.8	7.7	4.7	2.5	1.0	0.0
-52.5°	12.9	9.9	7.0	4.3	2.3	1.0	0.0
-55°	11.8	9.1	6.3	4.0	2.1	0.9	0.0
-57.5°	10.8	8.2	5.6	3.6	1.8	0.9	0.0
-60°	9.7	7.3	4.9	3.2	1.6	0.8	0.0
-62.5°	8.6	6.3	4.4	2.9	1.5	0.7	0.0
-65°	7.4	5.4	3.9	2.5	1.4	0.7	0.0
-67.5°	6.2	4.6	3.3	2.1	1.2	0.6	0.0
-70°	5.1	3.9	2.8	1.7	1.1	0.5	0.0
-72.5°	4.2	3.2	2.3	1.4	1.0	0.5	0.0
-75°	3.4	2.5	1.7	1.2	0.8	0.4	0.0
-77.5°	2.5	1.8	1.4	1.0	0.7	0.3	0.0
-80°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	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)