

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: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-930-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

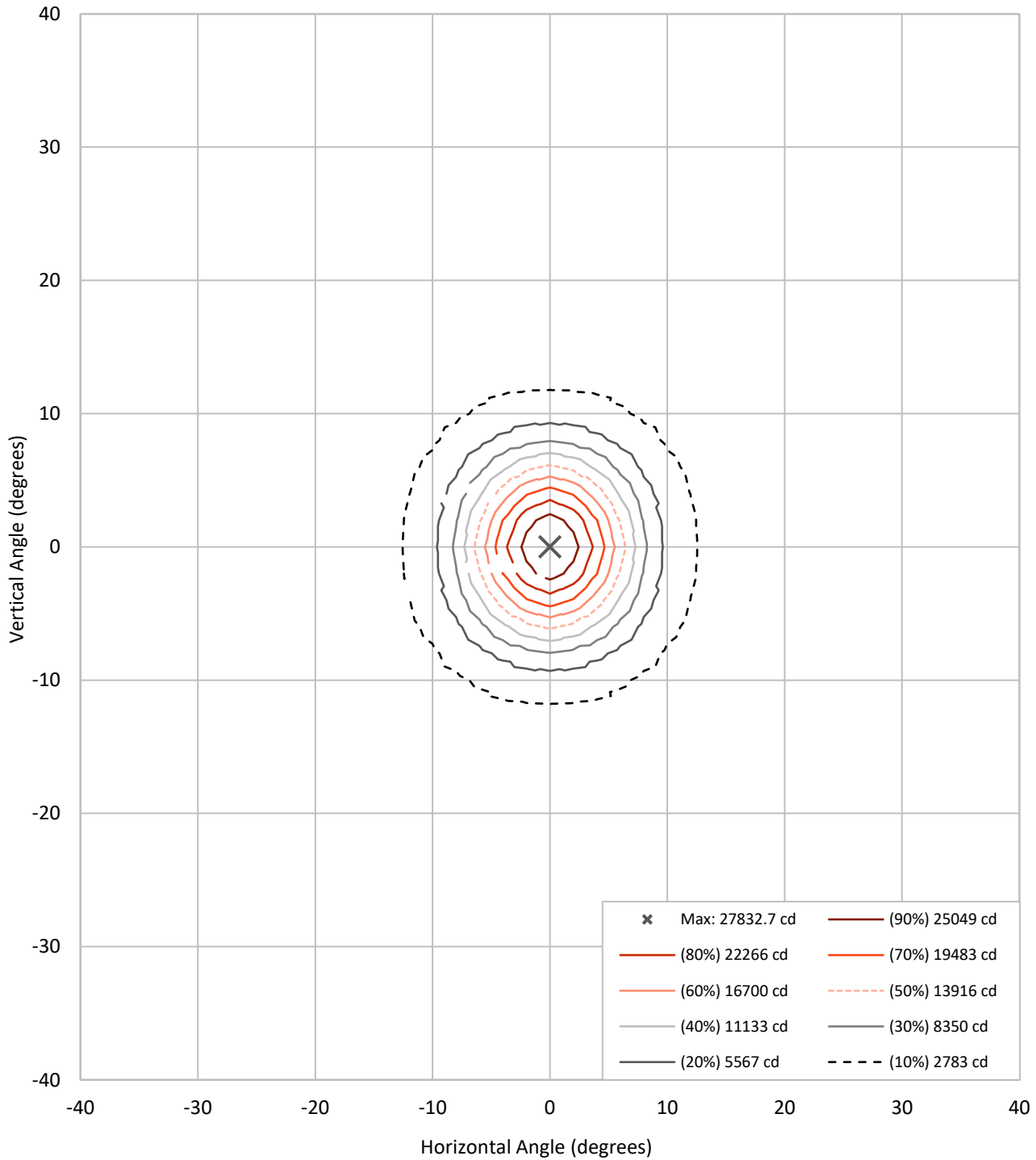
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	2017.5 lumens	Max Intensity:	27832.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	637.5 lumens	Field Lumens:	1412.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





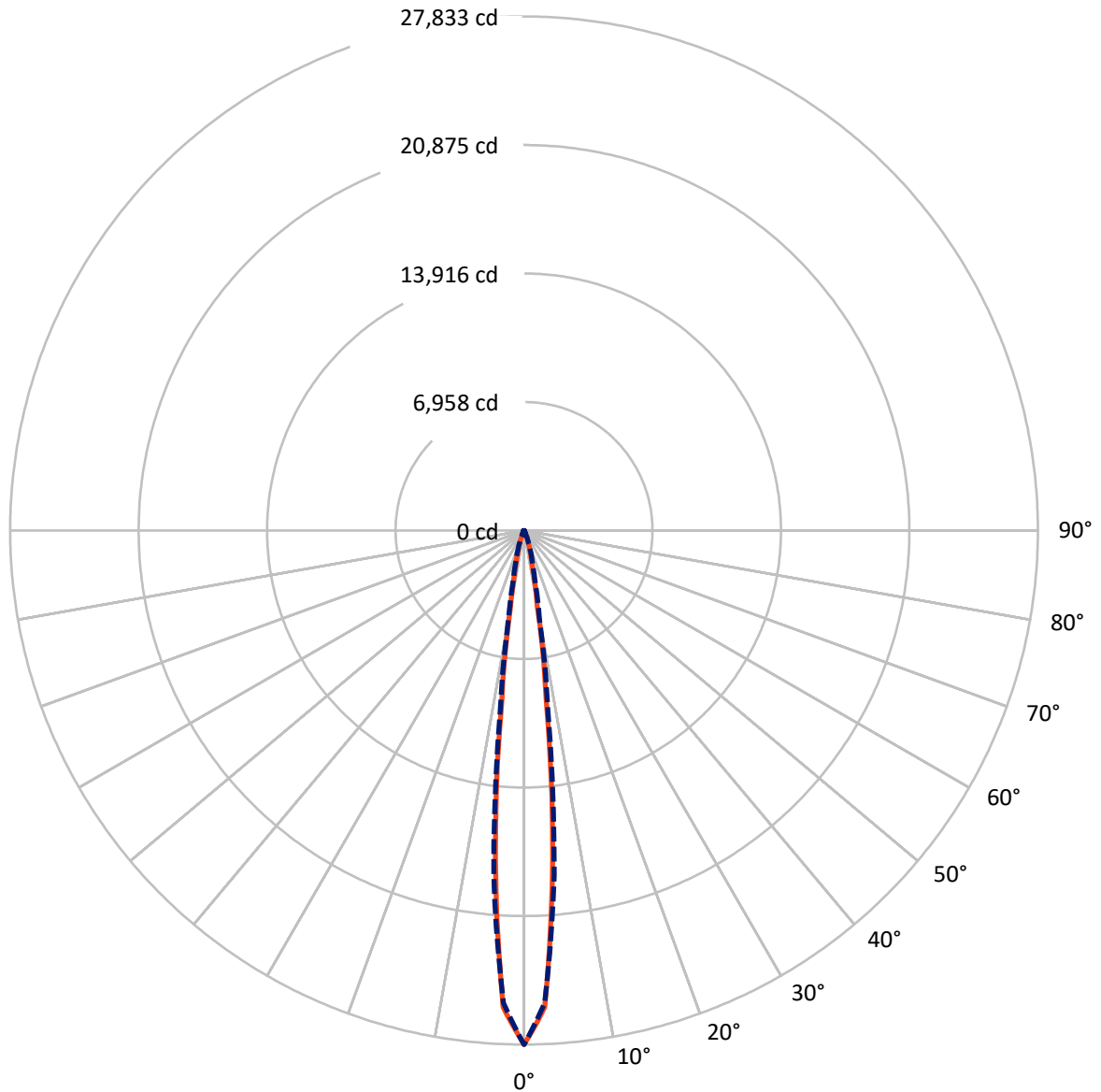
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Lumen Table

90																			
80	0.0	0.2		0.6		1.0		1.2		1.0		0.6		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1			
50		0.2	0.4	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.4	0.2				
40	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.2	1.2	1.1	1.0	0.9	0.7	0.5	0.3	0.2			
30		0.3	0.5	0.7	1.0	1.2	1.5	1.7	1.7	1.5	1.2	1.0	0.7	0.5	0.3				
20	0.3	0.3	0.6	0.8	1.1	1.7	3.9	7.0	7.0	3.9	1.7	1.1	0.8	0.6	0.3	0.3			
10		0.4	0.6	0.8	1.3	3.7	21.2	46.5	46.5	21.2	3.7	1.3	0.8	0.6	0.4				
0	0.3	0.4	0.6	0.9	1.5	7.2	50.8	328.5	328.5	50.8	7.2	1.5	0.9	0.6	0.4	0.3			
-10		0.4	0.6	0.9	1.5	7.2	50.8	328.5	328.5	50.8	7.2	1.5	0.9	0.6	0.4				
-20	0.3	0.4	0.6	0.8	1.3	3.7	21.2	46.5	46.5	21.2	3.7	1.3	0.8	0.6	0.4	0.3			
-30		0.3	0.6	0.8	1.1	1.7	3.9	7.0	7.0	3.9	1.7	1.1	0.8	0.6	0.3				
-40	0.2	0.3	0.5	0.7	1.0	1.2	1.5	1.7	1.7	1.5	1.2	1.0	0.7	0.5	0.3	0.2			
-50		0.3	0.5	0.7	0.9	1.0	1.1	1.2	1.2	1.1	1.0	0.9	0.7	0.5	0.3				
-60	0.1	0.2	0.4	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.4	0.2	0.1			
-70		0.1	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1				
-80																			
-90	0.0	0.2		0.6		1.0		1.2		1.0		0.6		0.2		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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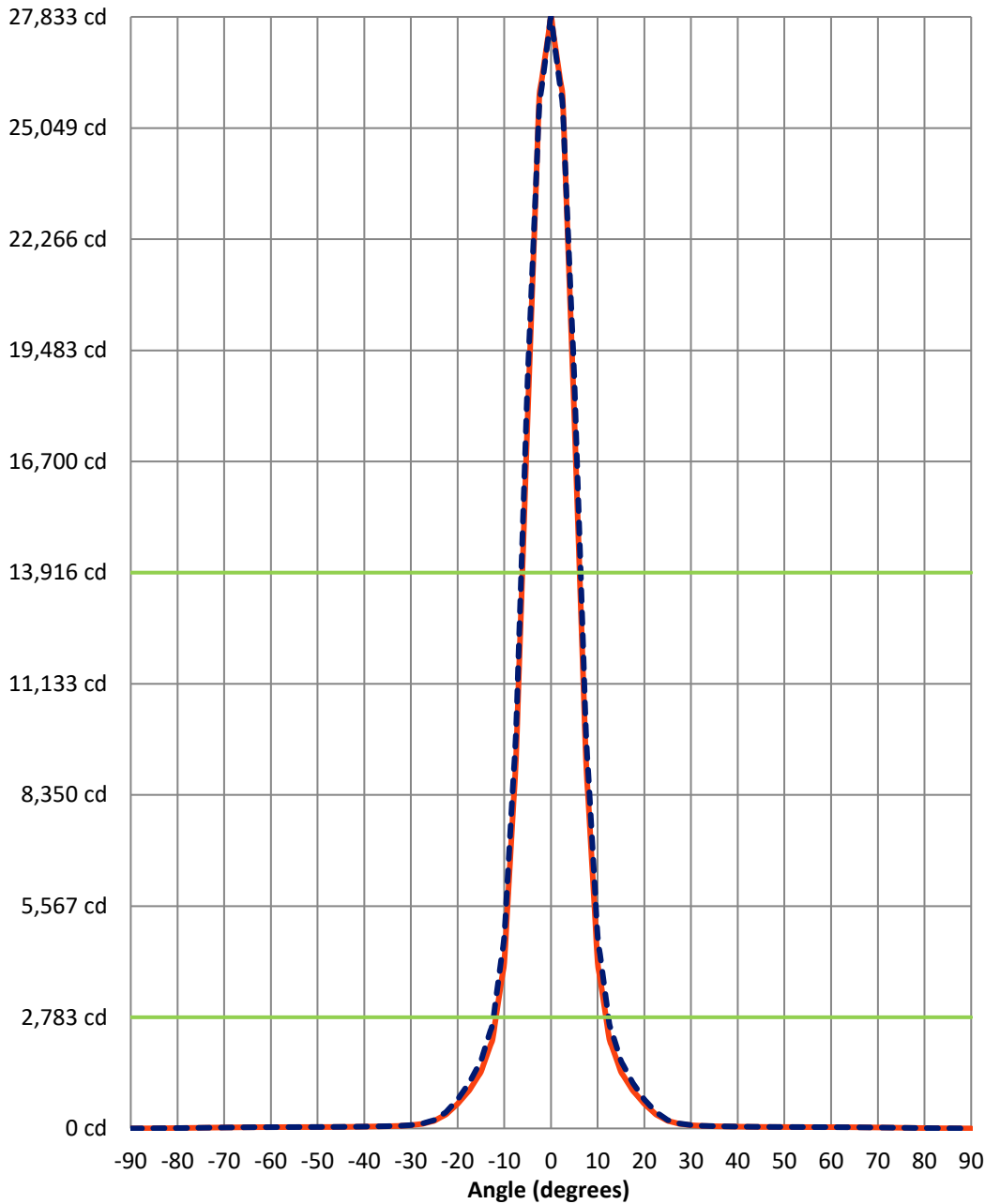
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 637.5
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 1412.3
 Efficiency: 70.0%

Spill:
 Lumens: 605.2
 Efficiency: 30.0%

— 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	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.6	1.9
80°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.4	2.7
77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.3	2.7	3.1	3.6
75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.8	3.4	4.0	4.5
72.5°	0.0	0.5	0.9	1.3	1.8	2.3	2.8	3.4	4.1	4.8	5.4
70°	0.0	0.5	1.0	1.5	2.1	2.7	3.3	4.1	4.9	5.6	6.7
67.5°	0.0	0.6	1.1	1.7	2.4	3.1	3.9	4.8	5.6	6.8	8.0
65°	0.0	0.6	1.3	2.0	2.7	3.5	4.4	5.4	6.6	7.9	9.3
62.5°	0.0	0.7	1.4	2.2	3.0	4.0	5.0	6.2	7.6	9.1	10.7
60°	0.0	0.7	1.5	2.4	3.3	4.4	5.5	7.0	8.5	10.3	12.0
57.5°	0.0	0.8	1.6	2.6	3.7	4.8	6.2	7.8	9.5	11.5	13.4
55°	0.0	0.9	1.8	2.8	4.0	5.3	6.8	8.5	10.6	12.6	14.7
52.5°	0.0	0.9	1.9	3.0	4.3	5.7	7.5	9.4	11.5	13.8	16.0
50°	0.0	1.0	2.0	3.2	4.6	6.2	8.1	10.2	12.5	14.9	17.3
47.5°	0.0	1.0	2.2	3.4	4.9	6.7	8.7	11.1	13.5	16.0	18.5
45°	0.0	1.1	2.3	3.7	5.2	7.2	9.4	11.8	14.4	17.1	19.8
42.5°	0.0	1.1	2.4	3.9	5.5	7.6	10.0	12.6	15.3	18.1	20.8
40°	0.0	1.1	2.5	4.0	5.8	8.1	10.6	13.3	16.2	19.2	21.8
37.5°	0.0	1.2	2.6	4.2	6.1	8.5	11.2	14.0	17.0	20.1	22.7
35°	0.0	1.2	2.7	4.4	6.4	8.9	11.7	14.7	17.8	20.9	23.5
32.5°	0.0	1.3	2.8	4.5	6.7	9.3	12.2	15.3	18.6	21.6	24.2
30°	0.0	1.3	2.9	4.7	7.0	9.7	12.7	15.9	19.3	22.2	24.9
27.5°	0.0	1.3	3.0	4.8	7.2	10.1	13.2	16.5	19.9	22.9	25.5
25°	0.0	1.4	3.0	4.9	7.5	10.4	13.6	17.0	20.4	23.4	26.1
22.5°	0.0	1.4	3.1	5.0	7.7	10.7	14.0	17.5	20.9	23.9	26.5
20°	0.0	1.4	3.2	5.1	7.9	11.0	14.3	17.9	21.3	24.3	26.9
17.5°	0.0	1.4	3.2	5.2	8.0	11.2	14.7	18.2	21.6	24.7	27.3
15°	0.0	1.4	3.3	5.3	8.2	11.4	14.9	18.6	21.9	25.0	27.6
12.5°	0.0	1.5	3.3	5.3	8.3	11.6	15.2	18.8	22.2	25.2	27.9
10°	0.0	1.5	3.3	5.4	8.4	11.7	15.4	19.0	22.4	25.4	28.1
7.5°	0.0	1.5	3.4	5.4	8.5	11.9	15.5	19.2	22.6	25.6	28.2
5°	0.0	1.5	3.4	5.4	8.6	11.9	15.6	19.3	22.7	25.7	28.3
2.5°	0.0	1.5	3.4	5.4	8.6	12.0	15.7	19.3	22.7	25.7	28.3
0°	0.0	1.5	3.4	5.4	8.6	12.0	15.7	19.3	22.7	25.7	28.3
-2.5°	0.0	1.5	3.4	5.4	8.6	12.0	15.7	19.3	22.7	25.7	28.3
-5°	0.0	1.5	3.4	5.4	8.6	11.9	15.6	19.3	22.7	25.7	28.3
-7.5°	0.0	1.5	3.4	5.4	8.5	11.9	15.5	19.2	22.6	25.6	28.2
-10°	0.0	1.5	3.3	5.4	8.4	11.7	15.4	19.0	22.4	25.4	28.1
-12.5°	0.0	1.5	3.3	5.3	8.3	11.6	15.2	18.8	22.2	25.2	27.9
-15°	0.0	1.4	3.3	5.3	8.2	11.4	14.9	18.6	21.9	25.0	27.6
-17.5°	0.0	1.4	3.2	5.2	8.0	11.2	14.7	18.2	21.6	24.7	27.3
-20°	0.0	1.4	3.2	5.1	7.9	11.0	14.3	17.9	21.3	24.3	26.9



REPORT NUMBER: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	3.1	5.0	7.7	10.7	14.0	17.5	20.9	23.9	26.5
-25°	0.0	1.4	3.0	4.9	7.5	10.4	13.6	17.0	20.4	23.4	26.1
-27.5°	0.0	1.3	3.0	4.8	7.2	10.1	13.2	16.5	19.9	22.9	25.5
-30°	0.0	1.3	2.9	4.7	7.0	9.7	12.7	15.9	19.3	22.2	24.9
-32.5°	0.0	1.3	2.8	4.5	6.7	9.3	12.2	15.3	18.6	21.6	24.2
-35°	0.0	1.2	2.7	4.4	6.4	8.9	11.7	14.7	17.8	20.9	23.5
-37.5°	0.0	1.2	2.6	4.2	6.1	8.5	11.2	14.0	17.0	20.1	22.7
-40°	0.0	1.1	2.5	4.0	5.8	8.1	10.6	13.3	16.2	19.2	21.8
-42.5°	0.0	1.1	2.4	3.9	5.5	7.6	10.0	12.6	15.3	18.1	20.8
-45°	0.0	1.1	2.3	3.7	5.2	7.2	9.4	11.8	14.4	17.1	19.8
-47.5°	0.0	1.0	2.2	3.4	4.9	6.7	8.7	11.1	13.5	16.0	18.5
-50°	0.0	1.0	2.0	3.2	4.6	6.2	8.1	10.2	12.5	14.9	17.3
-52.5°	0.0	0.9	1.9	3.0	4.3	5.7	7.5	9.4	11.5	13.8	16.0
-55°	0.0	0.9	1.8	2.8	4.0	5.3	6.8	8.5	10.6	12.6	14.7
-57.5°	0.0	0.8	1.6	2.6	3.7	4.8	6.2	7.8	9.5	11.5	13.4
-60°	0.0	0.7	1.5	2.4	3.3	4.4	5.5	7.0	8.5	10.3	12.0
-62.5°	0.0	0.7	1.4	2.2	3.0	4.0	5.0	6.2	7.6	9.1	10.7
-65°	0.0	0.6	1.3	2.0	2.7	3.5	4.4	5.4	6.6	7.9	9.3
-67.5°	0.0	0.6	1.1	1.7	2.4	3.1	3.9	4.8	5.6	6.8	8.0
-70°	0.0	0.5	1.0	1.5	2.1	2.7	3.3	4.1	4.9	5.6	6.7
-72.5°	0.0	0.5	0.9	1.3	1.8	2.3	2.8	3.4	4.1	4.8	5.4
-75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.8	3.4	4.0	4.5
-77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.3	2.7	3.1	3.6
-80°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.4	2.7
-82.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.6	1.9
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	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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 CATALOG NUMBER: GFLD-SA1A-930-U-TS-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°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.4	1.5	1.7	1.8	1.8	1.9	2.0	2.1	2.3
82.5°	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1	3.4	3.7	3.9
80°	3.0	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4	5.8	6.2
77.5°	4.0	4.4	4.9	5.4	5.9	6.4	7.0	7.6	8.1	8.6	9.0
75°	5.0	5.6	6.4	7.2	7.9	8.7	9.4	10.1	10.8	11.3	11.9
72.5°	6.3	7.2	8.2	9.1	10.0	10.9	11.8	12.6	13.4	14.2	15.0
70°	7.8	8.9	10.0	11.1	12.2	13.2	14.2	15.3	16.3	17.2	18.0
67.5°	9.3	10.6	11.8	13.1	14.3	15.5	16.7	17.8	19.0	19.9	20.7
65°	10.8	12.2	13.7	15.0	16.4	17.7	19.0	20.3	21.4	22.2	23.1
62.5°	12.3	13.9	15.5	17.0	18.4	19.9	21.2	22.4	23.5	24.4	25.3
60°	13.8	15.6	17.2	18.9	20.5	21.8	23.1	24.3	25.4	26.4	27.2
57.5°	15.3	17.2	19.0	20.7	22.2	23.6	24.9	26.1	27.1	27.9	28.8
55°	16.8	18.8	20.7	22.4	23.9	25.2	26.5	27.6	28.5	29.3	30.1
52.5°	18.2	20.3	22.2	23.9	25.4	26.7	27.8	28.9	29.8	30.6	31.2
50°	19.6	21.7	23.6	25.2	26.7	28.0	29.1	30.0	30.9	31.6	32.2
47.5°	20.9	23.0	24.8	26.5	27.9	29.1	30.1	31.1	31.9	32.6	33.2
45°	22.0	24.1	26.0	27.6	29.0	30.1	31.1	32.0	32.8	33.4	33.9
42.5°	23.2	25.2	27.0	28.7	29.9	30.9	31.9	32.8	33.6	34.1	34.6
40°	24.1	26.2	28.0	29.5	30.7	31.7	32.7	33.5	34.2	34.8	35.3
37.5°	25.0	27.1	28.9	30.2	31.3	32.4	33.3	34.1	34.8	35.4	36.1
35°	25.9	27.9	29.5	30.8	31.9	33.0	33.9	34.7	35.3	36.1	37.0
32.5°	26.6	28.6	30.1	31.3	32.5	33.5	34.4	35.2	36.0	36.8	37.9
30°	27.3	29.2	30.6	31.8	32.9	33.9	34.8	35.7	36.5	37.6	39.0
27.5°	27.8	29.7	31.0	32.2	33.4	34.2	35.2	36.2	37.2	38.5	40.2
25°	28.4	30.1	31.4	32.6	33.6	34.6	35.6	36.6	37.8	39.6	41.8
22.5°	28.8	30.5	31.7	32.9	33.9	34.8	35.9	37.0	38.5	40.5	43.5
20°	29.1	30.8	32.0	33.2	34.0	35.1	36.2	37.4	39.1	41.8	45.2
17.5°	29.4	31.0	32.2	33.3	34.2	35.3	36.5	37.7	39.7	43.0	46.8
15°	29.7	31.2	32.4	33.4	34.4	35.5	36.7	38.1	40.4	44.2	48.3
12.5°	29.9	31.4	32.5	33.5	34.6	35.6	36.9	38.5	41.2	45.3	49.7
10°	30.1	31.5	32.6	33.6	34.7	35.7	37.0	38.7	41.8	45.9	50.6
7.5°	30.3	31.6	32.7	33.6	34.7	35.7	37.1	38.8	42.1	46.2	51.0
5°	30.4	31.6	32.7	33.6	34.8	35.8	37.2	38.9	42.2	46.2	51.2
2.5°	30.4	31.7	32.8	33.7	34.9	35.9	37.4	39.1	42.3	46.5	51.3
0°	30.4	31.7	32.8	33.7	34.9	35.9	37.4	39.1	42.3	46.7	51.3
-2.5°	30.4	31.7	32.8	33.7	34.9	35.9	37.4	39.1	42.3	46.5	51.3
-5°	30.4	31.6	32.7	33.6	34.8	35.8	37.2	38.9	42.2	46.2	51.2
-7.5°	30.3	31.6	32.7	33.6	34.7	35.7	37.1	38.8	42.1	46.2	51.0
-10°	30.1	31.5	32.6	33.6	34.7	35.7	37.0	38.7	41.8	45.9	50.6
-12.5°	29.9	31.4	32.5	33.5	34.6	35.6	36.9	38.5	41.2	45.3	49.7
-15°	29.7	31.2	32.4	33.4	34.4	35.5	36.7	38.1	40.4	44.2	48.3
-17.5°	29.4	31.0	32.2	33.3	34.2	35.3	36.5	37.7	39.7	43.0	46.8
-20°	29.1	30.8	32.0	33.2	34.0	35.1	36.2	37.4	39.1	41.8	45.2



REPORT NUMBER: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	28.8	30.5	31.7	32.9	33.9	34.8	35.9	37.0	38.5	40.5	43.5
-25°	28.4	30.1	31.4	32.6	33.6	34.6	35.6	36.6	37.8	39.6	41.8
-27.5°	27.8	29.7	31.0	32.2	33.4	34.2	35.2	36.2	37.2	38.5	40.2
-30°	27.3	29.2	30.6	31.8	32.9	33.9	34.8	35.7	36.5	37.6	39.0
-32.5°	26.6	28.6	30.1	31.3	32.5	33.5	34.4	35.2	36.0	36.8	37.9
-35°	25.9	27.9	29.5	30.8	31.9	33.0	33.9	34.7	35.3	36.1	37.0
-37.5°	25.0	27.1	28.9	30.2	31.3	32.4	33.3	34.1	34.8	35.4	36.1
-40°	24.1	26.2	28.0	29.5	30.7	31.7	32.7	33.5	34.2	34.8	35.3
-42.5°	23.2	25.2	27.0	28.7	29.9	30.9	31.9	32.8	33.6	34.1	34.6
-45°	22.0	24.1	26.0	27.6	29.0	30.1	31.1	32.0	32.8	33.4	33.9
-47.5°	20.9	23.0	24.8	26.5	27.9	29.1	30.1	31.1	31.9	32.6	33.2
-50°	19.6	21.7	23.6	25.2	26.7	28.0	29.1	30.0	30.9	31.6	32.2
-52.5°	18.2	20.3	22.2	23.9	25.4	26.7	27.8	28.9	29.8	30.6	31.2
-55°	16.8	18.8	20.7	22.4	23.9	25.2	26.5	27.6	28.5	29.3	30.1
-57.5°	15.3	17.2	19.0	20.7	22.2	23.6	24.9	26.1	27.1	27.9	28.8
-60°	13.8	15.6	17.2	18.9	20.5	21.8	23.1	24.3	25.4	26.4	27.2
-62.5°	12.3	13.9	15.5	17.0	18.4	19.9	21.2	22.4	23.5	24.4	25.3
-65°	10.8	12.2	13.7	15.0	16.4	17.7	19.0	20.3	21.4	22.2	23.1
-67.5°	9.3	10.6	11.8	13.1	14.3	15.5	16.7	17.8	19.0	19.9	20.7
-70°	7.8	8.9	10.0	11.1	12.2	13.2	14.2	15.3	16.3	17.2	18.0
-72.5°	6.3	7.2	8.2	9.1	10.0	10.9	11.8	12.6	13.4	14.2	15.0
-75°	5.0	5.6	6.4	7.2	7.9	8.7	9.4	10.1	10.8	11.3	11.9
-77.5°	4.0	4.4	4.9	5.4	5.9	6.4	7.0	7.6	8.1	8.6	9.0
-80°	3.0	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4	5.8	6.2
-82.5°	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1	3.4	3.7	3.9
-85°	1.2	1.3	1.4	1.5	1.7	1.8	1.8	1.9	2.0	2.1	2.3
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	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



REPORT NUMBER: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.1
82.5°	4.2	4.4	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.4	5.5
80°	6.5	6.9	7.2	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.6
77.5°	9.4	9.8	10.2	10.6	10.9	11.2	11.5	11.7	11.9	12.2	12.4
75°	12.5	13.0	13.5	14.0	14.4	14.8	15.2	15.4	15.7	15.9	16.1
72.5°	15.7	16.4	17.0	17.4	17.9	18.3	18.7	19.1	19.4	19.7	19.9
70°	18.7	19.4	20.0	20.5	21.0	21.6	22.1	22.6	23.1	23.4	23.6
67.5°	21.4	22.1	22.8	23.5	24.1	24.7	25.2	25.7	26.2	26.5	26.7
65°	23.9	24.7	25.4	26.1	26.8	27.2	27.7	28.2	28.7	29.0	29.3
62.5°	26.2	27.0	27.6	28.2	28.7	29.2	29.7	30.1	30.5	30.9	31.2
60°	28.0	28.8	29.4	29.9	30.4	30.9	31.3	31.6	31.9	32.1	32.3
57.5°	29.5	30.2	30.8	31.3	31.8	32.2	32.5	32.7	32.9	33.1	33.1
55°	30.8	31.4	31.9	32.4	32.9	33.3	33.5	33.7	33.8	33.8	33.9
52.5°	31.9	32.4	33.0	33.5	33.8	34.1	34.4	34.5	34.6	34.6	34.6
50°	32.9	33.4	33.8	34.2	34.6	34.9	35.1	35.2	35.3	35.3	35.3
47.5°	33.6	34.1	34.5	35.0	35.3	35.7	36.0	36.1	36.3	36.3	36.3
45°	34.3	34.8	35.3	35.8	36.3	36.7	37.1	37.4	37.6	37.8	37.9
42.5°	35.1	35.7	36.2	36.9	37.5	38.1	38.7	39.2	39.8	40.5	40.9
40°	35.9	36.6	37.4	38.1	39.1	39.9	41.2	42.6	43.6	44.4	45.2
37.5°	36.9	37.7	38.7	39.8	41.3	42.8	44.5	46.2	47.6	48.9	50.0
35°	37.9	39.1	40.4	42.2	44.1	46.0	48.0	50.2	52.1	53.5	54.4
32.5°	39.2	40.7	42.8	45.1	47.4	49.9	52.3	54.8	56.6	58.5	60.4
30°	40.7	42.9	45.5	48.3	51.2	54.1	57.2	60.6	63.8	67.4	72.3
27.5°	42.6	45.2	48.2	51.6	55.1	58.6	63.9	69.8	78.5	85.5	97.2
25°	44.5	47.6	51.2	55.2	59.4	65.7	75.4	87.0	107.5	123.4	147.5
22.5°	46.7	50.4	54.4	58.9	65.8	77.6	94.3	123.9	165.2	206.0	251.4
20°	48.9	52.9	57.3	64.2	75.8	94.5	130.7	194.8	266.5	368.5	454.2
17.5°	51.0	55.3	60.8	70.1	87.5	125.0	195.1	305.0	454.8	619.2	756.4
15°	52.8	57.2	64.7	79.4	108.8	167.1	273.1	460.1	711.7	936.9	1137.7
12.5°	54.3	59.5	68.9	86.8	127.2	213.7	383.6	649.2	956.3	1272.1	1526.4
10°	55.5	62.0	74.4	100.7	156.6	269.0	475.7	810.7	1180.5	1564.4	2023.9
7.5°	56.1	63.8	78.7	110.9	182.7	330.6	591.2	954.9	1379.6	1903.6	2605.7
5°	56.6	65.0	81.8	118.7	200.2	371.3	664.1	1064.2	1551.4	2309.1	3754.1
2.5°	56.8	65.5	83.5	122.9	208.1	392.3	715.5	1126.8	1655.9	2595.2	4549.6
0°	56.8	65.2	83.8	123.9	209.3	408.3	724.0	1144.7	1691.2	2620.8	4804.6
-2.5°	56.8	65.5	83.5	122.9	208.1	392.3	715.5	1126.8	1655.9	2595.2	4549.6
-5°	56.6	65.0	81.8	118.7	200.2	371.3	664.1	1064.2	1551.4	2309.1	3754.1
-7.5°	56.1	63.8	78.7	110.9	182.7	330.6	591.2	954.9	1379.6	1903.6	2605.7
-10°	55.5	62.0	74.4	100.7	156.6	269.0	475.7	810.7	1180.5	1564.4	2023.9
-12.5°	54.3	59.5	68.9	86.8	127.2	213.7	383.6	649.2	956.3	1272.1	1526.4
-15°	52.8	57.2	64.7	79.4	108.8	167.1	273.1	460.1	711.7	936.9	1137.7
-17.5°	51.0	55.3	60.8	70.1	87.5	125.0	195.1	305.0	454.8	619.2	756.4
-20°	48.9	52.9	57.3	64.2	75.8	94.5	130.7	194.8	266.5	368.5	454.2



REPORT NUMBER: P558472 (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°	46.7	50.4	54.4	58.9	65.8	77.6	94.3	123.9	165.2	206.0	251.4
-25°	44.5	47.6	51.2	55.2	59.4	65.7	75.4	87.0	107.5	123.4	147.5
-27.5°	42.6	45.2	48.2	51.6	55.1	58.6	63.9	69.8	78.5	85.5	97.2
-30°	40.7	42.9	45.5	48.3	51.2	54.1	57.2	60.6	63.8	67.4	72.3
-32.5°	39.2	40.7	42.8	45.1	47.4	49.9	52.3	54.8	56.6	58.5	60.4
-35°	37.9	39.1	40.4	42.2	44.1	46.0	48.0	50.2	52.1	53.5	54.4
-37.5°	36.9	37.7	38.7	39.8	41.3	42.8	44.5	46.2	47.6	48.9	50.0
-40°	35.9	36.6	37.4	38.1	39.1	39.9	41.2	42.6	43.6	44.4	45.2
-42.5°	35.1	35.7	36.2	36.9	37.5	38.1	38.7	39.2	39.8	40.5	40.9
-45°	34.3	34.8	35.3	35.8	36.3	36.7	37.1	37.4	37.6	37.8	37.9
-47.5°	33.6	34.1	34.5	35.0	35.3	35.7	36.0	36.1	36.3	36.3	36.3
-50°	32.9	33.4	33.8	34.2	34.6	34.9	35.1	35.2	35.3	35.3	35.3
-52.5°	31.9	32.4	33.0	33.5	33.8	34.1	34.4	34.5	34.6	34.6	34.6
-55°	30.8	31.4	31.9	32.4	32.9	33.3	33.5	33.7	33.8	33.8	33.9
-57.5°	29.5	30.2	30.8	31.3	31.8	32.2	32.5	32.7	32.9	33.1	33.1
-60°	28.0	28.8	29.4	29.9	30.4	30.9	31.3	31.6	31.9	32.1	32.3
-62.5°	26.2	27.0	27.6	28.2	28.7	29.2	29.7	30.1	30.5	30.9	31.2
-65°	23.9	24.7	25.4	26.1	26.8	27.2	27.7	28.2	28.7	29.0	29.3
-67.5°	21.4	22.1	22.8	23.5	24.1	24.7	25.2	25.7	26.2	26.5	26.7
-70°	18.7	19.4	20.0	20.5	21.0	21.6	22.1	22.6	23.1	23.4	23.6
-72.5°	15.7	16.4	17.0	17.4	17.9	18.3	18.7	19.1	19.4	19.7	19.9
-75°	12.5	13.0	13.5	14.0	14.4	14.8	15.2	15.4	15.7	15.9	16.1
-77.5°	9.4	9.8	10.2	10.6	10.9	11.2	11.5	11.7	11.9	12.2	12.4
-80°	6.5	6.9	7.2	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.6
-82.5°	4.2	4.4	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.4	5.5
-85°	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.1
-87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	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: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0
82.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3
80°	8.7	8.8	8.8	8.8	8.8	8.8	8.7	8.6	8.5	8.4	8.2
77.5°	12.5	12.6	12.7	12.7	12.7	12.6	12.5	12.4	12.2	11.9	11.7
75°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.1	15.9	15.7	15.4
72.5°	20.0	20.1	20.3	20.4	20.3	20.1	20.0	19.9	19.7	19.4	19.1
70°	23.7	23.7	23.9	24.0	23.9	23.7	23.7	23.6	23.4	23.1	22.6
67.5°	26.8	26.9	26.9	26.8	26.9	26.9	26.8	26.7	26.5	26.2	25.7
65°	29.5	29.7	29.7	29.6	29.7	29.7	29.5	29.3	29.0	28.7	28.2
62.5°	31.5	31.8	31.9	31.9	31.9	31.8	31.5	31.2	30.9	30.5	30.1
60°	32.4	32.5	32.6	32.6	32.6	32.5	32.4	32.3	32.1	31.9	31.6
57.5°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.1	33.1	32.9	32.7
55°	33.9	33.9	33.8	33.7	33.8	33.9	33.9	33.9	33.8	33.8	33.7
52.5°	34.6	34.5	34.4	34.3	34.4	34.5	34.6	34.6	34.6	34.6	34.5
50°	35.2	35.1	35.0	35.0	35.0	35.1	35.2	35.3	35.3	35.3	35.2
47.5°	36.3	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.1
45°	37.9	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.8	37.6	37.4
42.5°	41.1	41.1	41.1	41.2	41.1	41.1	41.1	40.9	40.5	39.8	39.2
40°	45.5	45.5	45.3	45.3	45.3	45.5	45.5	45.2	44.4	43.6	42.6
37.5°	50.4	50.4	50.2	50.2	50.2	50.4	50.4	50.0	48.9	47.6	46.2
35°	54.9	55.1	55.1	54.9	55.1	55.1	54.9	54.4	53.5	52.1	50.2
32.5°	61.8	62.8	63.4	63.1	63.4	62.8	61.8	60.4	58.5	56.6	54.8
30°	75.4	78.1	79.6	80.2	79.6	78.1	75.4	72.3	67.4	63.8	60.6
27.5°	105.7	111.6	114.3	115.2	114.3	111.6	105.7	97.2	85.5	78.5	69.8
25°	168.5	182.0	188.6	190.7	188.6	182.0	168.5	147.5	123.4	107.5	87.0
22.5°	301.4	327.3	345.0	348.9	345.0	327.3	301.4	251.4	206.0	165.2	123.9
20°	540.3	590.4	617.6	615.1	617.6	590.4	540.3	454.2	368.5	266.5	194.8
17.5°	873.0	937.2	967.8	953.5	967.8	937.2	873.0	756.4	619.2	454.8	305.0
15°	1279.8	1366.6	1404.5	1416.2	1404.5	1366.6	1279.8	1137.7	936.9	711.7	460.1
12.5°	1780.1	2064.7	2200.7	2237.2	2200.7	2064.7	1780.1	1526.4	1272.1	956.3	649.2
10°	2493.9	3450.4	4019.4	4158.3	4019.4	3450.4	2493.9	2023.9	1564.4	1180.5	810.7
7.5°	4072.8	6016.5	8193.9	9225.1	8193.9	6016.5	4072.8	2605.7	1903.6	1379.6	954.9
5°	6211.1	10779.8	15821.2	17797.5	15821.2	10779.8	6211.1	3754.1	2309.1	1551.4	1064.2
2.5°	8810.5	16276.7	23242.6	25839.4	23242.6	16276.7	8810.5	4549.6	2595.2	1655.9	1126.8
0°	9908.7	18765.2	25608.4	27832.7	25608.4	18765.2	9908.7	4804.6	2620.8	1691.2	1144.7
-2.5°	8810.5	16276.7	23242.6	25839.3	23242.6	16276.7	8810.5	4549.6	2595.2	1655.9	1126.8
-5°	6211.1	10779.8	15821.2	17797.5	15821.2	10779.8	6211.1	3754.1	2309.1	1551.4	1064.2
-7.5°	4072.8	6016.5	8193.9	9225.1	8193.9	6016.5	4072.8	2605.7	1903.6	1379.6	954.9
-10°	2493.9	3450.4	4019.4	4158.3	4019.4	3450.4	2493.9	2023.9	1564.4	1180.5	810.7
-12.5°	1780.1	2064.7	2200.7	2237.2	2200.7	2064.7	1780.1	1526.4	1272.1	956.3	649.2
-15°	1279.8	1366.6	1404.5	1416.2	1404.5	1366.6	1279.8	1137.7	936.9	711.7	460.1
-17.5°	873.0	937.2	967.8	953.5	967.8	937.2	873.0	756.4	619.2	454.8	305.0
-20°	540.3	590.4	617.6	615.1	617.6	590.4	540.3	454.2	368.5	266.5	194.8



REPORT NUMBER: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	301.4	327.3	345.0	348.9	345.0	327.3	301.4	251.4	206.0	165.2	123.9
-25°	168.5	182.0	188.6	190.7	188.6	182.0	168.5	147.5	123.4	107.5	87.0
-27.5°	105.7	111.6	114.3	115.2	114.3	111.6	105.7	97.2	85.5	78.5	69.8
-30°	75.4	78.1	79.6	80.2	79.6	78.1	75.4	72.3	67.4	63.8	60.6
-32.5°	61.8	62.8	63.4	63.1	63.4	62.8	61.8	60.4	58.5	56.6	54.8
-35°	54.9	55.1	55.1	54.9	55.1	55.1	54.9	54.4	53.5	52.1	50.2
-37.5°	50.4	50.4	50.2	50.2	50.2	50.4	50.4	50.0	48.9	47.6	46.2
-40°	45.5	45.5	45.3	45.3	45.3	45.5	45.5	45.2	44.4	43.6	42.6
-42.5°	41.1	41.1	41.1	41.2	41.1	41.1	41.1	40.9	40.5	39.8	39.2
-45°	37.9	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.8	37.6	37.4
-47.5°	36.3	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.1
-50°	35.2	35.1	35.0	35.0	35.0	35.1	35.2	35.3	35.3	35.3	35.2
-52.5°	34.6	34.5	34.4	34.3	34.4	34.5	34.6	34.6	34.6	34.6	34.5
-55°	33.9	33.9	33.8	33.7	33.8	33.9	33.9	33.9	33.8	33.8	33.7
-57.5°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.1	33.1	32.9	32.7
-60°	32.4	32.5	32.6	32.6	32.6	32.5	32.4	32.3	32.1	31.9	31.6
-62.5°	31.5	31.8	31.9	31.9	31.9	31.8	31.5	31.2	30.9	30.5	30.1
-65°	29.5	29.7	29.7	29.6	29.7	29.7	29.5	29.3	29.0	28.7	28.2
-67.5°	26.8	26.9	26.9	26.8	26.9	26.9	26.8	26.7	26.5	26.2	25.7
-70°	23.7	23.7	23.9	24.0	23.9	23.7	23.7	23.6	23.4	23.1	22.6
-72.5°	20.0	20.1	20.3	20.4	20.3	20.1	20.0	19.9	19.7	19.4	19.1
-75°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.1	15.9	15.7	15.4
-77.5°	12.5	12.6	12.7	12.7	12.7	12.6	12.5	12.4	12.2	11.9	11.7
-80°	8.7	8.8	8.8	8.8	8.8	8.8	8.7	8.6	8.5	8.4	8.2
-82.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3
-85°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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



REPORT NUMBER: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	0.9
85°	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9
82.5°	5.2	5.0	4.9	4.8	4.6	4.4	4.2	3.9	3.7	3.4	3.1
80°	8.1	7.9	7.7	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.1
77.5°	11.5	11.2	10.9	10.6	10.2	9.8	9.4	9.0	8.6	8.1	7.6
75°	15.2	14.8	14.4	14.0	13.5	13.0	12.5	11.9	11.3	10.8	10.1
72.5°	18.7	18.3	17.9	17.4	17.0	16.4	15.7	15.0	14.2	13.4	12.6
70°	22.1	21.6	21.0	20.5	20.0	19.4	18.7	18.0	17.2	16.3	15.3
67.5°	25.2	24.7	24.1	23.5	22.8	22.1	21.4	20.7	19.9	19.0	17.8
65°	27.7	27.2	26.8	26.1	25.4	24.7	23.9	23.1	22.2	21.4	20.3
62.5°	29.7	29.2	28.7	28.2	27.6	27.0	26.2	25.3	24.4	23.5	22.4
60°	31.3	30.9	30.4	29.9	29.4	28.8	28.0	27.2	26.4	25.4	24.3
57.5°	32.5	32.2	31.8	31.3	30.8	30.2	29.5	28.8	27.9	27.1	26.1
55°	33.5	33.3	32.9	32.4	31.9	31.4	30.8	30.1	29.3	28.5	27.6
52.5°	34.4	34.1	33.8	33.5	33.0	32.4	31.9	31.2	30.6	29.8	28.9
50°	35.1	34.9	34.6	34.2	33.8	33.4	32.9	32.2	31.6	30.9	30.0
47.5°	36.0	35.7	35.3	35.0	34.5	34.1	33.6	33.2	32.6	31.9	31.1
45°	37.1	36.7	36.3	35.8	35.3	34.8	34.3	33.9	33.4	32.8	32.0
42.5°	38.7	38.1	37.5	36.9	36.2	35.7	35.1	34.6	34.1	33.6	32.8
40°	41.2	39.9	39.1	38.1	37.4	36.6	35.9	35.3	34.8	34.2	33.5
37.5°	44.5	42.8	41.3	39.8	38.7	37.7	36.9	36.1	35.4	34.8	34.1
35°	48.0	46.0	44.1	42.2	40.4	39.1	37.9	37.0	36.1	35.3	34.7
32.5°	52.3	49.9	47.4	45.1	42.8	40.7	39.2	37.9	36.8	36.0	35.2
30°	57.2	54.1	51.2	48.3	45.5	42.9	40.7	39.0	37.6	36.5	35.7
27.5°	63.9	58.6	55.1	51.6	48.2	45.2	42.6	40.2	38.5	37.2	36.2
25°	75.4	65.7	59.4	55.2	51.2	47.6	44.5	41.8	39.6	37.8	36.6
22.5°	94.3	77.6	65.8	58.9	54.4	50.4	46.7	43.5	40.5	38.5	37.0
20°	130.7	94.5	75.8	64.2	57.3	52.9	48.9	45.2	41.8	39.1	37.4
17.5°	195.1	125.0	87.5	70.1	60.8	55.3	51.0	46.8	43.0	39.7	37.7
15°	273.1	167.1	108.8	79.4	64.7	57.2	52.8	48.3	44.2	40.4	38.1
12.5°	383.6	213.7	127.2	86.8	68.9	59.5	54.3	49.7	45.3	41.2	38.5
10°	475.7	269.0	156.6	100.7	74.4	62.0	55.5	50.6	45.9	41.8	38.7
7.5°	591.2	330.6	182.7	110.9	78.7	63.8	56.1	51.0	46.2	42.1	38.8
5°	664.1	371.3	200.2	118.7	81.8	65.0	56.6	51.2	46.2	42.2	38.9
2.5°	715.5	392.3	208.1	122.9	83.5	65.5	56.8	51.3	46.5	42.3	39.1
0°	724.0	408.3	209.3	123.9	83.8	65.2	56.8	51.3	46.7	42.3	39.2
-2.5°	715.5	392.3	208.1	122.9	83.5	65.5	56.8	51.3	46.5	42.3	39.1
-5°	664.1	371.3	200.2	118.7	81.8	65.0	56.6	51.2	46.2	42.2	38.9
-7.5°	591.2	330.6	182.7	110.9	78.7	63.8	56.1	51.0	46.2	42.1	38.8
-10°	475.7	269.0	156.6	100.7	74.4	62.0	55.5	50.6	45.9	41.8	38.7
-12.5°	383.6	213.7	127.2	86.8	68.9	59.5	54.3	49.7	45.3	41.2	38.5
-15°	273.1	167.1	108.8	79.4	64.7	57.2	52.8	48.3	44.2	40.4	38.1
-17.5°	195.1	125.0	87.5	70.1	60.8	55.3	51.0	46.8	43.0	39.7	37.7
-20°	130.7	94.5	75.8	64.2	57.3	52.9	48.9	45.2	41.8	39.1	37.4



REPORT NUMBER: P558472 (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°	94.3	77.6	65.8	58.9	54.4	50.4	46.7	43.5	40.5	38.5	37.0
-25°	75.4	65.7	59.4	55.2	51.2	47.6	44.5	41.8	39.6	37.8	36.6
-27.5°	63.9	58.6	55.1	51.6	48.2	45.2	42.6	40.2	38.5	37.2	36.2
-30°	57.2	54.1	51.2	48.3	45.5	42.9	40.7	39.0	37.6	36.5	35.7
-32.5°	52.3	49.9	47.4	45.1	42.8	40.7	39.2	37.9	36.8	36.0	35.2
-35°	48.0	46.0	44.1	42.2	40.4	39.1	37.9	37.0	36.1	35.3	34.7
-37.5°	44.5	42.8	41.3	39.8	38.7	37.7	36.9	36.1	35.4	34.8	34.1
-40°	41.2	39.9	39.1	38.1	37.4	36.6	35.9	35.3	34.8	34.2	33.5
-42.5°	38.7	38.1	37.5	36.9	36.2	35.7	35.1	34.6	34.1	33.6	32.8
-45°	37.1	36.7	36.3	35.8	35.3	34.8	34.3	33.9	33.4	32.8	32.0
-47.5°	36.0	35.7	35.3	35.0	34.5	34.1	33.6	33.2	32.6	31.9	31.1
-50°	35.1	34.9	34.6	34.2	33.8	33.4	32.9	32.2	31.6	30.9	30.0
-52.5°	34.4	34.1	33.8	33.5	33.0	32.4	31.9	31.2	30.6	29.8	28.9
-55°	33.5	33.3	32.9	32.4	31.9	31.4	30.8	30.1	29.3	28.5	27.6
-57.5°	32.5	32.2	31.8	31.3	30.8	30.2	29.5	28.8	27.9	27.1	26.1
-60°	31.3	30.9	30.4	29.9	29.4	28.8	28.0	27.2	26.4	25.4	24.3
-62.5°	29.7	29.2	28.7	28.2	27.6	27.0	26.2	25.3	24.4	23.5	22.4
-65°	27.7	27.2	26.8	26.1	25.4	24.7	23.9	23.1	22.2	21.4	20.3
-67.5°	25.2	24.7	24.1	23.5	22.8	22.1	21.4	20.7	19.9	19.0	17.8
-70°	22.1	21.6	21.0	20.5	20.0	19.4	18.7	18.0	17.2	16.3	15.3
-72.5°	18.7	18.3	17.9	17.4	17.0	16.4	15.7	15.0	14.2	13.4	12.6
-75°	15.2	14.8	14.4	14.0	13.5	13.0	12.5	11.9	11.3	10.8	10.1
-77.5°	11.5	11.2	10.9	10.6	10.2	9.8	9.4	9.0	8.6	8.1	7.6
-80°	8.1	7.9	7.7	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.1
-82.5°	5.2	5.0	4.9	4.8	4.6	4.4	4.2	3.9	3.7	3.4	3.1
-85°	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9
-87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	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: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.8	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.6	1.3	1.2
80°	4.8	4.5	4.2	3.8	3.5	3.2	3.0	2.7	2.4	2.0	1.7
77.5°	7.0	6.4	5.9	5.4	4.9	4.4	4.0	3.6	3.1	2.7	2.3
75°	9.4	8.7	7.9	7.2	6.4	5.6	5.0	4.5	4.0	3.4	2.8
72.5°	11.8	10.9	10.0	9.1	8.2	7.2	6.3	5.4	4.8	4.1	3.4
70°	14.2	13.2	12.2	11.1	10.0	8.9	7.8	6.7	5.6	4.9	4.1
67.5°	16.7	15.5	14.3	13.1	11.8	10.6	9.3	8.0	6.8	5.6	4.8
65°	19.0	17.7	16.4	15.0	13.7	12.2	10.8	9.3	7.9	6.6	5.4
62.5°	21.2	19.9	18.4	17.0	15.5	13.9	12.3	10.7	9.1	7.6	6.2
60°	23.1	21.8	20.5	18.9	17.2	15.6	13.8	12.0	10.3	8.5	7.0
57.5°	24.9	23.6	22.2	20.7	19.0	17.2	15.3	13.4	11.5	9.5	7.8
55°	26.5	25.2	23.9	22.4	20.7	18.8	16.8	14.7	12.6	10.6	8.5
52.5°	27.8	26.7	25.4	23.9	22.2	20.3	18.2	16.0	13.8	11.5	9.4
50°	29.1	28.0	26.7	25.2	23.6	21.7	19.6	17.3	14.9	12.5	10.2
47.5°	30.1	29.1	27.9	26.5	24.8	23.0	20.9	18.5	16.0	13.5	11.1
45°	31.1	30.1	29.0	27.6	26.0	24.1	22.0	19.8	17.1	14.4	11.8
42.5°	31.9	30.9	29.9	28.7	27.0	25.2	23.2	20.8	18.1	15.3	12.6
40°	32.7	31.7	30.7	29.5	28.0	26.2	24.1	21.8	19.2	16.2	13.3
37.5°	33.3	32.4	31.3	30.2	28.9	27.1	25.0	22.7	20.1	17.0	14.0
35°	33.9	33.0	31.9	30.8	29.5	27.9	25.9	23.5	20.9	17.8	14.7
32.5°	34.4	33.5	32.5	31.3	30.1	28.6	26.6	24.2	21.6	18.6	15.3
30°	34.8	33.9	32.9	31.8	30.6	29.2	27.3	24.9	22.2	19.3	15.9
27.5°	35.2	34.2	33.4	32.2	31.0	29.7	27.8	25.5	22.9	19.9	16.5
25°	35.6	34.6	33.6	32.6	31.4	30.1	28.4	26.1	23.4	20.4	17.0
22.5°	35.9	34.8	33.9	32.9	31.7	30.5	28.8	26.5	23.9	20.9	17.5
20°	36.2	35.1	34.0	33.2	32.0	30.8	29.1	26.9	24.3	21.3	17.9
17.5°	36.5	35.3	34.2	33.3	32.2	31.0	29.4	27.3	24.7	21.6	18.2
15°	36.7	35.5	34.4	33.4	32.4	31.2	29.7	27.6	25.0	21.9	18.6
12.5°	36.9	35.6	34.6	33.5	32.5	31.4	29.9	27.9	25.2	22.2	18.8
10°	37.0	35.7	34.7	33.6	32.6	31.5	30.1	28.1	25.4	22.4	19.0
7.5°	37.1	35.7	34.7	33.6	32.7	31.6	30.3	28.2	25.6	22.6	19.2
5°	37.2	35.8	34.8	33.6	32.7	31.6	30.4	28.3	25.7	22.7	19.3
2.5°	37.4	35.9	34.9	33.7	32.8	31.7	30.4	28.3	25.7	22.7	19.3
0°	37.5	36.0	34.9	33.7	32.8	31.7	30.4	28.3	25.7	22.7	19.3
-2.5°	37.4	35.9	34.9	33.7	32.8	31.7	30.4	28.3	25.7	22.7	19.3
-5°	37.2	35.8	34.8	33.6	32.7	31.6	30.4	28.3	25.7	22.7	19.3
-7.5°	37.1	35.7	34.7	33.6	32.7	31.6	30.3	28.2	25.6	22.6	19.2
-10°	37.0	35.7	34.7	33.6	32.6	31.5	30.1	28.1	25.4	22.4	19.0
-12.5°	36.9	35.6	34.6	33.5	32.5	31.4	29.9	27.9	25.2	22.2	18.8
-15°	36.7	35.5	34.4	33.4	32.4	31.2	29.7	27.6	25.0	21.9	18.6
-17.5°	36.5	35.3	34.2	33.3	32.2	31.0	29.4	27.3	24.7	21.6	18.2
-20°	36.2	35.1	34.0	33.2	32.0	30.8	29.1	26.9	24.3	21.3	17.9



REPORT NUMBER: P558472 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	35.9	34.8	33.9	32.9	31.7	30.5	28.8	26.5	23.9	20.9	17.5
-25°	35.6	34.6	33.6	32.6	31.4	30.1	28.4	26.1	23.4	20.4	17.0
-27.5°	35.2	34.2	33.4	32.2	31.0	29.7	27.8	25.5	22.9	19.9	16.5
-30°	34.8	33.9	32.9	31.8	30.6	29.2	27.3	24.9	22.2	19.3	15.9
-32.5°	34.4	33.5	32.5	31.3	30.1	28.6	26.6	24.2	21.6	18.6	15.3
-35°	33.9	33.0	31.9	30.8	29.5	27.9	25.9	23.5	20.9	17.8	14.7
-37.5°	33.3	32.4	31.3	30.2	28.9	27.1	25.0	22.7	20.1	17.0	14.0
-40°	32.7	31.7	30.7	29.5	28.0	26.2	24.1	21.8	19.2	16.2	13.3
-42.5°	31.9	30.9	29.9	28.7	27.0	25.2	23.2	20.8	18.1	15.3	12.6
-45°	31.1	30.1	29.0	27.6	26.0	24.1	22.0	19.8	17.1	14.4	11.8
-47.5°	30.1	29.1	27.9	26.5	24.8	23.0	20.9	18.5	16.0	13.5	11.1
-50°	29.1	28.0	26.7	25.2	23.6	21.7	19.6	17.3	14.9	12.5	10.2
-52.5°	27.8	26.7	25.4	23.9	22.2	20.3	18.2	16.0	13.8	11.5	9.4
-55°	26.5	25.2	23.9	22.4	20.7	18.8	16.8	14.7	12.6	10.6	8.5
-57.5°	24.9	23.6	22.2	20.7	19.0	17.2	15.3	13.4	11.5	9.5	7.8
-60°	23.1	21.8	20.5	18.9	17.2	15.6	13.8	12.0	10.3	8.5	7.0
-62.5°	21.2	19.9	18.4	17.0	15.5	13.9	12.3	10.7	9.1	7.6	6.2
-65°	19.0	17.7	16.4	15.0	13.7	12.2	10.8	9.3	7.9	6.6	5.4
-67.5°	16.7	15.5	14.3	13.1	11.8	10.6	9.3	8.0	6.8	5.6	4.8
-70°	14.2	13.2	12.2	11.1	10.0	8.9	7.8	6.7	5.6	4.9	4.1
-72.5°	11.8	10.9	10.0	9.1	8.2	7.2	6.3	5.4	4.8	4.1	3.4
-75°	9.4	8.7	7.9	7.2	6.4	5.6	5.0	4.5	4.0	3.4	2.8
-77.5°	7.0	6.4	5.9	5.4	4.9	4.4	4.0	3.6	3.1	2.7	2.3
-80°	4.8	4.5	4.2	3.8	3.5	3.2	3.0	2.7	2.4	2.0	1.7
-82.5°	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.6	1.3	1.2
-85°	1.8	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.0	0.9	0.7	0.6	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
77.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
75°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
72.5°	2.8	2.3	1.8	1.3	0.9	0.5	0.0
70°	3.3	2.7	2.1	1.5	1.0	0.5	0.0
67.5°	3.9	3.1	2.4	1.7	1.1	0.6	0.0
65°	4.4	3.5	2.7	2.0	1.3	0.6	0.0
62.5°	5.0	4.0	3.0	2.2	1.4	0.7	0.0
60°	5.5	4.4	3.3	2.4	1.5	0.7	0.0
57.5°	6.2	4.8	3.7	2.6	1.6	0.8	0.0
55°	6.8	5.3	4.0	2.8	1.8	0.9	0.0
52.5°	7.5	5.7	4.3	3.0	1.9	0.9	0.0
50°	8.1	6.2	4.6	3.2	2.0	1.0	0.0
47.5°	8.7	6.7	4.9	3.4	2.2	1.0	0.0
45°	9.4	7.2	5.2	3.7	2.3	1.1	0.0
42.5°	10.0	7.6	5.5	3.9	2.4	1.1	0.0
40°	10.6	8.1	5.8	4.0	2.5	1.1	0.0
37.5°	11.2	8.5	6.1	4.2	2.6	1.2	0.0
35°	11.7	8.9	6.4	4.4	2.7	1.2	0.0
32.5°	12.2	9.3	6.7	4.5	2.8	1.3	0.0
30°	12.7	9.7	7.0	4.7	2.9	1.3	0.0
27.5°	13.2	10.1	7.2	4.8	3.0	1.3	0.0
25°	13.6	10.4	7.5	4.9	3.0	1.4	0.0
22.5°	14.0	10.7	7.7	5.0	3.1	1.4	0.0
20°	14.3	11.0	7.9	5.1	3.2	1.4	0.0
17.5°	14.7	11.2	8.0	5.2	3.2	1.4	0.0
15°	14.9	11.4	8.2	5.3	3.3	1.4	0.0
12.5°	15.2	11.6	8.3	5.3	3.3	1.5	0.0
10°	15.4	11.7	8.4	5.4	3.3	1.5	0.0
7.5°	15.5	11.9	8.5	5.4	3.4	1.5	0.0
5°	15.6	11.9	8.6	5.4	3.4	1.5	0.0
2.5°	15.7	12.0	8.6	5.4	3.4	1.5	0.0
0°	15.7	12.0	8.6	5.4	3.4	1.5	0.0
-2.5°	15.7	12.0	8.6	5.4	3.4	1.5	0.0
-5°	15.6	11.9	8.6	5.4	3.4	1.5	0.0
-7.5°	15.5	11.9	8.5	5.4	3.4	1.5	0.0
-10°	15.4	11.7	8.4	5.4	3.3	1.5	0.0
-12.5°	15.2	11.6	8.3	5.3	3.3	1.5	0.0
-15°	14.9	11.4	8.2	5.3	3.3	1.4	0.0
-17.5°	14.7	11.2	8.0	5.2	3.2	1.4	0.0
-20°	14.3	11.0	7.9	5.1	3.2	1.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.0	10.7	7.7	5.0	3.1	1.4	0.0
-25°	13.6	10.4	7.5	4.9	3.0	1.4	0.0
-27.5°	13.2	10.1	7.2	4.8	3.0	1.3	0.0
-30°	12.7	9.7	7.0	4.7	2.9	1.3	0.0
-32.5°	12.2	9.3	6.7	4.5	2.8	1.3	0.0
-35°	11.7	8.9	6.4	4.4	2.7	1.2	0.0
-37.5°	11.2	8.5	6.1	4.2	2.6	1.2	0.0
-40°	10.6	8.1	5.8	4.0	2.5	1.1	0.0
-42.5°	10.0	7.6	5.5	3.9	2.4	1.1	0.0
-45°	9.4	7.2	5.2	3.7	2.3	1.1	0.0
-47.5°	8.7	6.7	4.9	3.4	2.2	1.0	0.0
-50°	8.1	6.2	4.6	3.2	2.0	1.0	0.0
-52.5°	7.5	5.7	4.3	3.0	1.9	0.9	0.0
-55°	6.8	5.3	4.0	2.8	1.8	0.9	0.0
-57.5°	6.2	4.8	3.7	2.6	1.6	0.8	0.0
-60°	5.5	4.4	3.3	2.4	1.5	0.7	0.0
-62.5°	5.0	4.0	3.0	2.2	1.4	0.7	0.0
-65°	4.4	3.5	2.7	2.0	1.3	0.6	0.0
-67.5°	3.9	3.1	2.4	1.7	1.1	0.6	0.0
-70°	3.3	2.7	2.1	1.5	1.0	0.5	0.0
-72.5°	2.8	2.3	1.8	1.3	0.9	0.5	0.0
-75°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-77.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-80°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
-82.5°	1.0	0.9	0.7	0.6	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.3	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)