

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: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-927-U-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

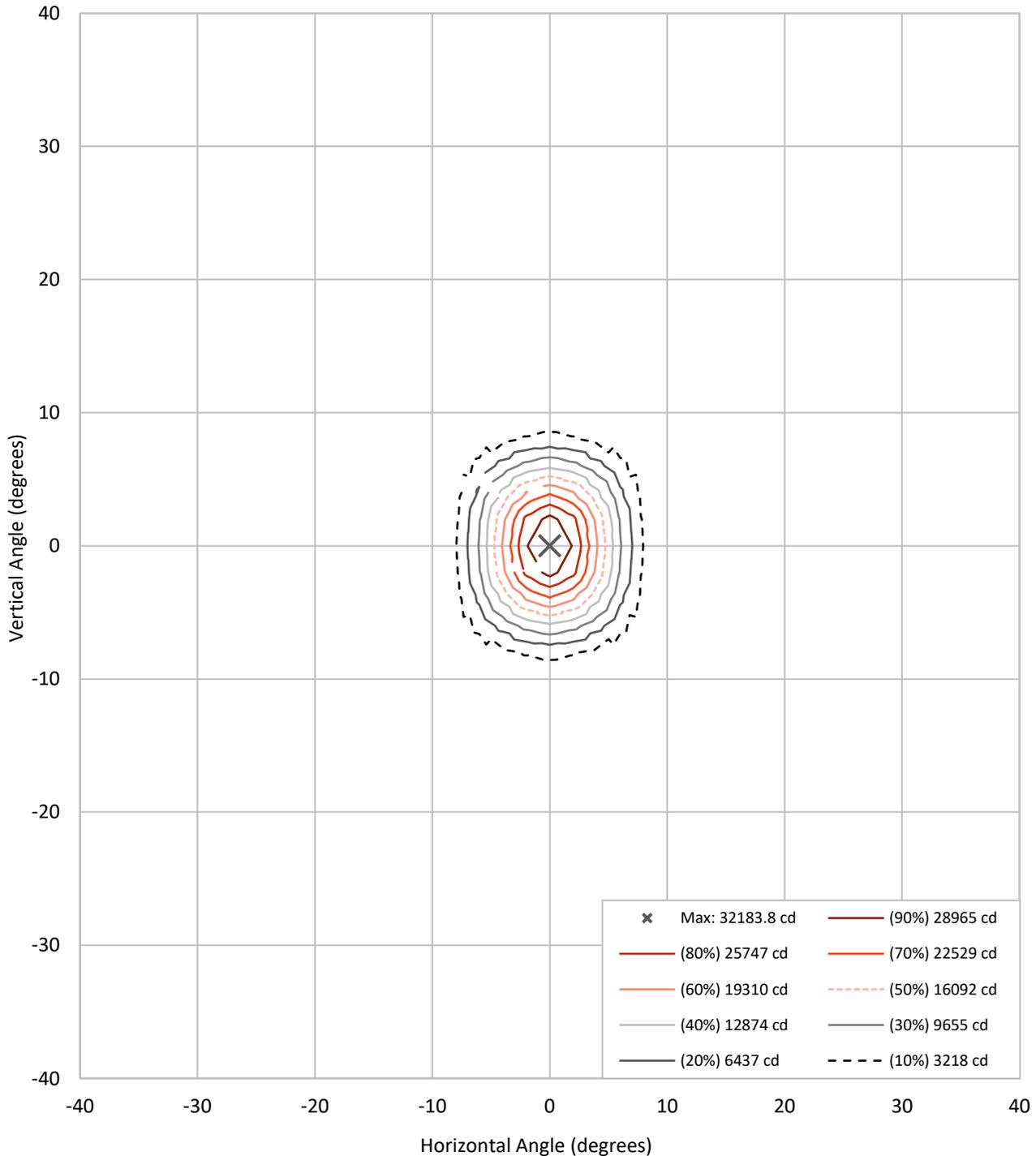
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	1253.3 lumens	Max Intensity:	32183.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	537.2 lumens	Field Lumens:	925.8 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





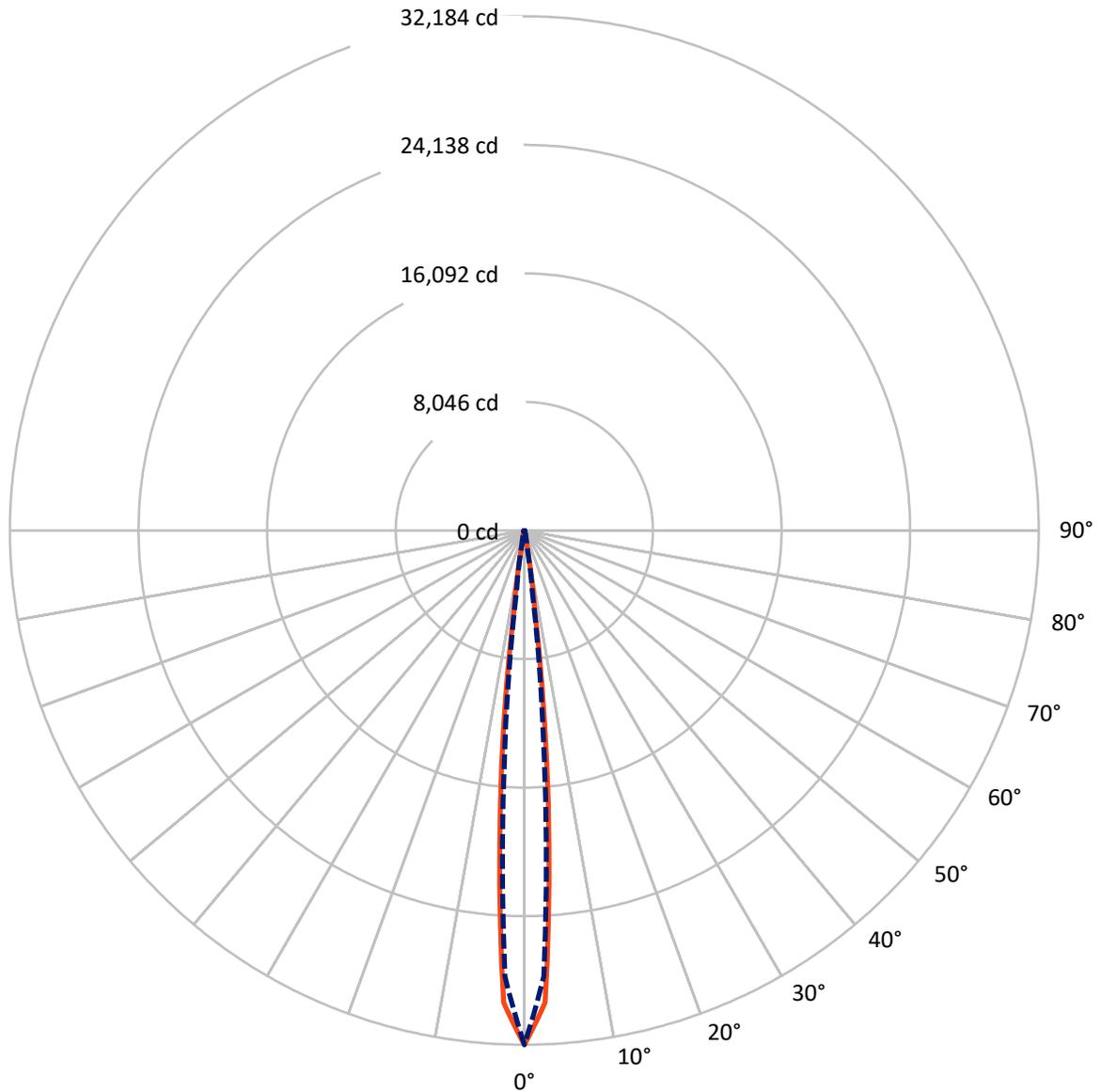
REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.0		0.0		0.1		0.3		0.5		0.3		0.1		0.0		0.0	
80	0.0		0.0		0.1		0.3		0.5		0.3		0.1		0.0		0.0	
70	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.8	0.8	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0
60		0.0	0.1	0.3	0.4	0.6	0.7	1.0	1.0	0.7	0.6	0.4	0.3	0.1	0.0			
50	0.1	0.1	0.2	0.4	0.7	1.1	1.4	1.6	1.6	1.4	1.1	0.7	0.4	0.2	0.1	0.1	0.1	0.1
40		0.1	0.3	0.6	1.1	1.5	1.7	1.8	1.8	1.7	1.5	1.1	0.6	0.3	0.1			
30	0.1	0.2	0.4	0.9	1.4	1.6	2.2	2.9	2.9	2.2	1.6	1.4	0.9	0.4	0.2	0.1	0.1	0.1
20		0.3	0.5	1.1	1.5	2.1	4.3	8.6	8.6	4.3	2.1	1.5	1.1	0.5	0.3			
10	0.1	0.3	0.6	1.2	1.6	2.7	8.5	251.8	251.8	8.5	2.7	1.6	1.2	0.6	0.3	0.1	0.1	0.1
0		0.3	0.6	1.2	1.6	2.7	8.5	251.8	251.8	8.5	2.7	1.6	1.2	0.6	0.3			
-10	0.1	0.3	0.5	1.1	1.5	2.1	4.3	8.6	8.6	4.3	2.1	1.5	1.1	0.5	0.3	0.1	0.1	0.1
-20		0.2	0.4	0.9	1.4	1.6	2.2	2.9	2.9	2.2	1.6	1.4	0.9	0.4	0.2			
-30	0.1	0.1	0.3	0.6	1.1	1.5	1.7	1.8	1.8	1.7	1.5	1.1	0.6	0.3	0.1	0.1	0.1	0.1
-40		0.1	0.2	0.4	0.7	1.1	1.4	1.6	1.6	1.4	1.1	0.7	0.4	0.2	0.1			
-50	0.0	0.0	0.1	0.3	0.4	0.6	0.7	1.0	1.0	0.7	0.6	0.4	0.3	0.1	0.0	0.0	0.0	0.0
-60		0.0	0.1	0.1	0.2	0.3	0.4	0.8	0.8	0.4	0.3	0.2	0.1	0.1	0.0			
-70	0.0	0.0	0.1	0.3	0.4	0.6	0.7	1.0	1.0	0.7	0.6	0.4	0.3	0.1	0.0	0.0	0.0	0.0
-80		0.0	0.1	0.1	0.2	0.3	0.4	0.8	0.8	0.4	0.3	0.2	0.1	0.1	0.0			
-90	0.0		0.0		0.1		0.3		0.5		0.3		0.1		0.0		0.0	

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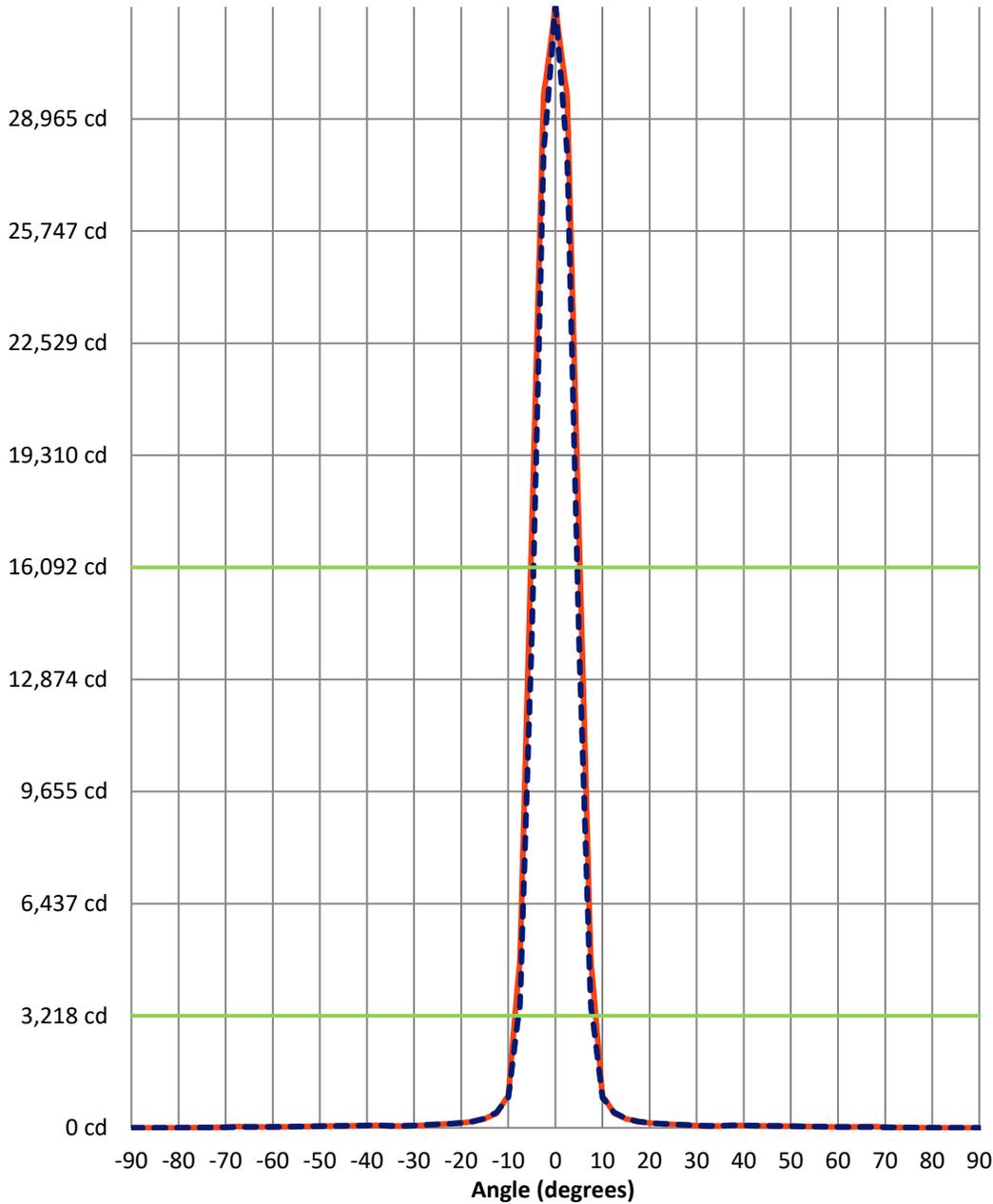
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 537.2
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 925.8
Efficiency: 73.9%

Spill:
Lumens: 327.5
Efficiency: 26.1%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.7
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.7	0.8	1.0
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.7	0.8	1.1	1.3
65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.8	1.1	1.4	1.7
62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.8	1.1	1.4	1.7	2.2
60°	0.0	0.2	0.4	0.4	0.4	0.7	0.9	1.3	1.7	2.2	2.7
57.5°	0.0	0.2	0.4	0.4	0.5	0.8	1.2	1.6	2.1	2.7	3.2
55°	0.0	0.2	0.4	0.4	0.6	0.9	1.4	1.8	2.5	3.2	3.8
52.5°	0.0	0.2	0.4	0.4	0.7	1.0	1.7	2.2	2.9	3.7	4.4
50°	0.0	0.3	0.4	0.4	0.8	1.3	1.9	2.7	3.4	4.3	5.1
47.5°	0.0	0.3	0.4	0.4	0.9	1.5	2.2	3.1	3.9	4.8	5.9
45°	0.0	0.3	0.4	0.5	0.9	1.7	2.6	3.6	4.5	5.6	6.7
42.5°	0.0	0.3	0.4	0.5	1.0	1.9	3.0	4.2	5.2	6.3	7.6
40°	0.0	0.3	0.4	0.6	1.2	2.2	3.5	4.7	5.9	7.1	8.6
37.5°	0.0	0.3	0.4	0.7	1.3	2.4	3.9	5.3	6.7	8.1	9.7
35°	0.0	0.3	0.4	0.7	1.5	2.7	4.3	6.0	7.6	9.2	10.6
32.5°	0.0	0.3	0.4	0.8	1.7	3.0	4.8	6.6	8.4	10.4	11.9
30°	0.0	0.3	0.4	0.8	1.8	3.4	5.3	7.2	9.2	11.6	13.3
27.5°	0.0	0.4	0.4	0.8	1.9	3.7	5.8	7.9	10.2	12.8	14.9
25°	0.0	0.4	0.4	0.9	2.0	4.0	6.2	8.6	11.2	14.1	16.6
22.5°	0.0	0.4	0.5	0.9	2.1	4.3	6.7	9.3	12.2	15.5	18.0
20°	0.0	0.4	0.5	0.9	2.1	4.4	7.2	9.9	13.2	17.0	19.4
17.5°	0.0	0.4	0.5	0.9	2.2	4.4	7.4	10.6	14.2	18.4	20.8
15°	0.0	0.4	0.5	0.9	2.2	4.4	7.5	11.0	15.2	19.9	22.2
12.5°	0.0	0.4	0.5	0.9	2.2	4.4	7.6	11.3	15.8	21.4	23.5
10°	0.0	0.4	0.5	0.9	2.2	4.4	7.6	11.5	16.2	22.0	24.4
7.5°	0.0	0.4	0.5	0.9	2.1	4.3	7.6	11.6	16.4	22.3	24.6
5°	0.0	0.4	0.5	0.9	2.1	4.2	7.5	11.8	16.6	22.6	24.7
2.5°	0.0	0.4	0.5	0.9	2.1	4.1	7.4	11.9	16.7	22.7	24.8
0°	0.0	0.4	0.5	0.9	2.0	4.0	7.3	11.9	16.7	22.7	24.9
-2.5°	0.0	0.4	0.5	0.9	2.1	4.1	7.4	11.9	16.7	22.7	24.8
-5°	0.0	0.4	0.5	0.9	2.1	4.2	7.5	11.8	16.6	22.6	24.7
-7.5°	0.0	0.4	0.5	0.9	2.1	4.3	7.6	11.6	16.4	22.3	24.6
-10°	0.0	0.4	0.5	0.9	2.2	4.4	7.6	11.5	16.2	22.0	24.4
-12.5°	0.0	0.4	0.5	0.9	2.2	4.4	7.6	11.3	15.8	21.4	23.5
-15°	0.0	0.4	0.5	0.9	2.2	4.4	7.5	11.0	15.2	19.9	22.2
-17.5°	0.0	0.4	0.5	0.9	2.2	4.4	7.4	10.6	14.2	18.4	20.8
-20°	0.0	0.4	0.5	0.9	2.1	4.4	7.2	9.9	13.2	17.0	19.4



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	0.5	0.9	2.1	4.3	6.7	9.3	12.2	15.5	18.0
-25°	0.0	0.4	0.4	0.9	2.0	4.0	6.2	8.6	11.2	14.1	16.6
-27.5°	0.0	0.4	0.4	0.8	1.9	3.7	5.8	7.9	10.2	12.8	14.9
-30°	0.0	0.3	0.4	0.8	1.8	3.4	5.3	7.2	9.2	11.6	13.3
-32.5°	0.0	0.3	0.4	0.8	1.7	3.0	4.8	6.6	8.4	10.4	11.9
-35°	0.0	0.3	0.4	0.7	1.5	2.7	4.3	6.0	7.6	9.2	10.6
-37.5°	0.0	0.3	0.4	0.7	1.3	2.4	3.9	5.3	6.7	8.1	9.7
-40°	0.0	0.3	0.4	0.6	1.2	2.2	3.5	4.7	5.9	7.1	8.6
-42.5°	0.0	0.3	0.4	0.5	1.0	1.9	3.0	4.2	5.2	6.3	7.6
-45°	0.0	0.3	0.4	0.5	0.9	1.7	2.6	3.6	4.5	5.6	6.7
-47.5°	0.0	0.3	0.4	0.4	0.9	1.5	2.2	3.1	3.9	4.8	5.9
-50°	0.0	0.3	0.4	0.4	0.8	1.3	1.9	2.7	3.4	4.3	5.1
-52.5°	0.0	0.2	0.4	0.4	0.7	1.0	1.7	2.2	2.9	3.7	4.4
-55°	0.0	0.2	0.4	0.4	0.6	0.9	1.4	1.8	2.5	3.2	3.8
-57.5°	0.0	0.2	0.4	0.4	0.5	0.8	1.2	1.6	2.1	2.7	3.2
-60°	0.0	0.2	0.4	0.4	0.4	0.7	0.9	1.3	1.7	2.2	2.7
-62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.8	1.1	1.4	1.7	2.2
-65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.8	1.1	1.4	1.7
-67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.7	0.8	1.1	1.3
-70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.7	0.8	1.0
-72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.7
-75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
80°	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8
77.5°	0.5	0.5	0.6	0.7	0.7	0.9	1.0	1.1	1.3	1.4	1.5
75°	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.0	2.3	2.5
72.5°	0.9	1.1	1.3	1.6	1.9	2.1	2.4	2.6	3.0	3.5	3.8
70°	1.2	1.5	1.8	2.2	2.6	3.0	3.5	4.1	4.7	5.0	5.2
67.5°	1.6	2.0	2.5	2.9	3.5	4.1	4.8	5.4	6.0	6.3	6.5
65°	2.1	2.5	3.1	3.7	4.3	5.0	5.7	6.5	7.1	7.4	7.8
62.5°	2.5	3.1	3.7	4.4	5.1	5.9	6.8	7.5	8.0	8.7	9.5
60°	3.1	3.6	4.4	5.2	6.0	7.0	7.9	8.7	9.4	10.2	11.3
57.5°	3.6	4.2	5.1	6.0	7.1	8.3	9.2	10.1	11.1	12.2	13.4
55°	4.3	4.8	5.8	6.9	8.2	9.5	10.7	11.9	13.1	14.0	15.1
52.5°	5.1	5.5	6.5	7.8	9.3	10.8	12.4	13.6	14.7	15.8	16.9
50°	5.8	6.5	7.3	8.8	10.4	12.2	13.9	15.2	16.4	17.7	19.0
47.5°	6.8	7.5	8.1	9.8	11.6	13.4	15.2	16.8	18.2	19.9	21.4
45°	7.8	8.6	9.3	10.8	12.7	14.6	16.5	18.5	20.4	22.4	24.8
42.5°	8.8	9.7	10.6	11.8	13.7	15.7	17.9	20.5	22.9	25.6	28.8
40°	9.8	10.8	11.9	12.9	14.6	16.9	19.6	22.4	25.9	29.4	33.2
37.5°	10.8	11.9	13.1	14.2	15.7	18.3	21.2	24.8	29.0	33.4	38.3
35°	11.8	13.0	14.2	15.5	17.2	19.7	23.3	27.4	32.4	38.0	42.5
32.5°	12.8	14.1	15.3	16.9	18.9	21.5	25.3	30.5	36.3	41.9	45.0
30°	14.0	15.0	16.3	18.1	20.7	23.9	28.0	33.6	40.2	44.1	46.9
27.5°	15.6	15.9	17.4	19.6	22.4	26.3	31.4	37.2	42.6	46.1	48.6
25°	17.1	17.5	18.5	21.0	24.5	29.1	34.8	41.4	44.7	47.6	50.4
22.5°	18.7	19.0	20.3	22.4	26.5	31.9	38.5	44.4	47.4	49.3	52.4
20°	20.1	20.7	22.2	24.6	28.6	34.6	42.2	47.1	50.0	52.2	55.1
17.5°	21.4	22.3	24.1	27.1	31.5	37.6	45.5	49.8	52.6	54.8	58.3
15°	22.8	23.9	26.0	29.3	34.2	40.8	47.7	52.0	55.1	57.2	61.3
12.5°	24.0	25.4	27.8	31.5	36.6	43.6	49.6	53.4	56.5	59.7	64.0
10°	25.3	26.9	29.5	33.5	38.8	46.0	51.1	54.6	57.6	61.7	66.2
7.5°	25.5	27.6	30.9	35.3	40.7	48.1	52.4	55.5	58.8	63.6	68.2
5°	25.5	27.6	31.0	35.7	41.7	49.3	53.3	56.2	59.9	65.2	69.9
2.5°	25.4	27.5	31.0	35.9	41.9	49.5	53.5	56.3	60.6	66.8	71.6
0°	25.4	27.3	30.9	35.9	41.9	49.3	53.5	56.4	61.0	68.3	73.1
-2.5°	25.4	27.5	31.0	35.9	41.9	49.5	53.5	56.3	60.6	66.8	71.6
-5°	25.5	27.6	31.0	35.7	41.7	49.3	53.3	56.2	59.9	65.2	69.9
-7.5°	25.5	27.6	30.9	35.3	40.7	48.1	52.4	55.5	58.8	63.6	68.2
-10°	25.3	26.9	29.5	33.5	38.8	46.0	51.1	54.6	57.6	61.7	66.2
-12.5°	24.0	25.4	27.8	31.5	36.6	43.6	49.6	53.4	56.5	59.7	64.0
-15°	22.8	23.9	26.0	29.3	34.2	40.8	47.7	52.0	55.1	57.2	61.3
-17.5°	21.4	22.3	24.1	27.1	31.5	37.6	45.5	49.8	52.6	54.8	58.3
-20°	20.1	20.7	22.2	24.6	28.6	34.6	42.2	47.1	50.0	52.2	55.1



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	18.7	19.0	20.3	22.4	26.5	31.9	38.5	44.4	47.4	49.3	52.4
-25°	17.1	17.5	18.5	21.0	24.5	29.1	34.8	41.4	44.7	47.6	50.4
-27.5°	15.6	15.9	17.4	19.6	22.4	26.3	31.4	37.2	42.6	46.1	48.6
-30°	14.0	15.0	16.3	18.1	20.7	23.9	28.0	33.6	40.2	44.1	46.9
-32.5°	12.8	14.1	15.3	16.9	18.9	21.5	25.3	30.5	36.3	41.9	45.0
-35°	11.8	13.0	14.2	15.5	17.2	19.7	23.3	27.4	32.4	38.0	42.5
-37.5°	10.8	11.9	13.1	14.2	15.7	18.3	21.2	24.8	29.0	33.4	38.3
-40°	9.8	10.8	11.9	12.9	14.6	16.9	19.6	22.4	25.9	29.4	33.2
-42.5°	8.8	9.7	10.6	11.8	13.7	15.7	17.9	20.5	22.9	25.6	28.8
-45°	7.8	8.6	9.3	10.8	12.7	14.6	16.5	18.5	20.4	22.4	24.8
-47.5°	6.8	7.5	8.1	9.8	11.6	13.4	15.2	16.8	18.2	19.9	21.4
-50°	5.8	6.5	7.3	8.8	10.4	12.2	13.9	15.2	16.4	17.7	19.0
-52.5°	5.1	5.5	6.5	7.8	9.3	10.8	12.4	13.6	14.7	15.8	16.9
-55°	4.3	4.8	5.8	6.9	8.2	9.5	10.7	11.9	13.1	14.0	15.1
-57.5°	3.6	4.2	5.1	6.0	7.1	8.3	9.2	10.1	11.1	12.2	13.4
-60°	3.1	3.6	4.4	5.2	6.0	7.0	7.9	8.7	9.4	10.2	11.3
-62.5°	2.5	3.1	3.7	4.4	5.1	5.9	6.8	7.5	8.0	8.7	9.5
-65°	2.1	2.5	3.1	3.7	4.3	5.0	5.7	6.5	7.1	7.4	7.8
-67.5°	1.6	2.0	2.5	2.9	3.5	4.1	4.8	5.4	6.0	6.3	6.5
-70°	1.2	1.5	1.8	2.2	2.6	3.0	3.5	4.1	4.7	5.0	5.2
-72.5°	0.9	1.1	1.3	1.6	1.9	2.1	2.4	2.6	3.0	3.5	3.8
-75°	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.0	2.3	2.5
-77.5°	0.5	0.5	0.6	0.7	0.7	0.9	1.0	1.1	1.3	1.4	1.5
-80°	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8
-82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
80°	0.9	1.0	1.1	1.2	1.2	1.3	1.5	1.6	1.8	1.9	1.9
77.5°	1.7	1.8	1.9	2.0	2.1	2.4	2.7	3.1	3.5	3.7	3.8
75°	2.7	2.9	3.0	3.1	3.1	3.6	4.2	4.9	5.6	6.0	6.2
72.5°	4.0	4.1	4.2	4.3	4.4	5.0	6.2	7.5	8.8	9.7	10.3
70°	5.3	5.5	5.6	5.7	5.8	6.6	8.3	10.1	11.9	13.8	15.7
67.5°	6.8	7.1	7.3	7.4	7.5	8.1	9.9	11.6	13.1	16.4	21.7
65°	8.4	9.0	9.3	9.5	9.6	9.9	11.4	12.8	14.0	16.6	20.6
62.5°	10.3	11.2	11.6	11.8	11.9	11.9	13.2	14.4	15.5	17.1	19.7
60°	12.4	13.4	13.9	14.1	14.2	14.2	15.2	16.4	17.4	18.8	21.1
57.5°	14.3	15.3	16.0	16.4	16.6	16.8	17.6	19.0	20.3	21.6	24.2
55°	16.2	17.3	18.4	19.0	19.6	20.1	21.0	22.7	24.3	25.8	28.5
52.5°	18.2	19.7	21.2	22.2	23.3	24.2	25.2	27.4	29.6	31.6	34.2
50°	20.6	22.5	24.6	26.3	27.9	29.4	30.7	33.3	36.3	39.1	41.8
47.5°	23.7	26.1	28.8	31.3	33.4	35.7	37.8	40.5	43.1	45.7	48.0
45°	27.5	30.7	33.9	37.2	40.1	41.7	42.9	44.6	47.3	49.9	52.0
42.5°	32.2	36.1	39.9	42.4	44.3	45.6	46.5	47.4	50.2	52.7	54.7
40°	37.6	41.4	43.8	45.9	47.2	48.3	49.7	51.1	53.3	55.8	58.1
37.5°	42.2	44.7	46.8	48.4	50.0	51.5	53.5	55.4	57.5	60.4	62.5
35°	45.1	47.3	49.4	51.4	53.4	55.7	58.2	61.1	63.7	61.4	57.9
32.5°	47.3	49.5	52.1	55.2	58.0	61.0	64.2	59.1	53.9	51.9	52.3
30°	49.2	51.8	55.3	59.4	63.2	61.8	54.9	52.5	53.2	54.6	57.3
27.5°	51.2	54.4	58.7	63.7	60.6	53.0	53.4	54.7	59.5	63.5	69.6
25°	53.6	57.5	62.8	60.5	53.5	54.2	57.7	63.1	72.1	80.5	87.9
22.5°	56.5	61.4	62.2	53.5	54.4	59.1	66.2	77.8	88.8	99.0	106.6
20°	59.4	65.1	56.4	54.5	58.6	66.9	80.3	93.6	105.8	114.9	122.5
17.5°	62.9	60.9	54.7	56.6	64.9	79.2	94.3	108.3	119.9	135.6	149.0
15°	66.0	56.9	55.7	62.1	74.5	90.7	107.0	119.7	140.5	163.1	185.9
12.5°	64.3	55.4	57.5	67.0	83.3	100.7	115.2	135.3	162.8	195.8	245.3
10°	61.7	56.2	61.3	73.8	90.9	107.8	122.8	149.1	185.6	246.1	324.0
7.5°	59.6	56.6	63.8	79.0	96.5	112.1	132.1	164.0	214.8	297.8	463.8
5°	58.1	56.6	65.0	82.0	99.8	115.1	137.8	174.8	243.4	361.7	645.4
2.5°	57.4	56.3	65.3	83.6	101.4	116.7	141.4	182.6	261.5	421.1	848.6
0°	57.9	55.7	65.2	84.2	102.3	116.4	141.9	184.9	266.9	443.0	875.9
-2.5°	57.4	56.3	65.3	83.6	101.4	116.7	141.4	182.6	261.5	421.1	848.6
-5°	58.1	56.6	65.0	82.0	99.8	115.1	137.8	174.8	243.4	361.7	645.4
-7.5°	59.6	56.6	63.8	79.0	96.5	112.1	132.1	164.0	214.8	297.8	463.8
-10°	61.7	56.2	61.3	73.8	90.9	107.8	122.8	149.1	185.6	246.1	324.0
-12.5°	64.3	55.4	57.5	67.0	83.3	100.7	115.2	135.3	162.8	195.8	245.3
-15°	66.0	56.9	55.7	62.1	74.5	90.7	107.0	119.7	140.5	163.1	185.9
-17.5°	62.9	60.9	54.7	56.6	64.9	79.2	94.3	108.3	119.9	135.6	149.0
-20°	59.4	65.1	56.4	54.5	58.6	66.9	80.3	93.6	105.8	114.9	122.5



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	56.5	61.4	62.2	53.5	54.4	59.1	66.2	77.8	88.8	99.0	106.6
-25°	53.6	57.5	62.8	60.5	53.5	54.2	57.7	63.1	72.1	80.5	87.9
-27.5°	51.2	54.4	58.7	63.7	60.6	53.0	53.4	54.7	59.5	63.5	69.6
-30°	49.2	51.8	55.3	59.4	63.2	61.8	54.9	52.5	53.2	54.6	57.3
-32.5°	47.3	49.5	52.1	55.2	58.0	61.0	64.2	59.1	53.9	51.9	52.3
-35°	45.1	47.3	49.4	51.4	53.4	55.7	58.2	61.1	63.7	61.4	57.9
-37.5°	42.2	44.7	46.8	48.4	50.0	51.5	53.5	55.4	57.5	60.4	62.5
-40°	37.6	41.4	43.8	45.9	47.2	48.3	49.7	51.1	53.3	55.8	58.1
-42.5°	32.2	36.1	39.9	42.4	44.3	45.6	46.5	47.4	50.2	52.7	54.7
-45°	27.5	30.7	33.9	37.2	40.1	41.7	42.9	44.6	47.3	49.9	52.0
-47.5°	23.7	26.1	28.8	31.3	33.4	35.7	37.8	40.5	43.1	45.7	48.0
-50°	20.6	22.5	24.6	26.3	27.9	29.4	30.7	33.3	36.3	39.1	41.8
-52.5°	18.2	19.7	21.2	22.2	23.3	24.2	25.2	27.4	29.6	31.6	34.2
-55°	16.2	17.3	18.4	19.0	19.6	20.1	21.0	22.7	24.3	25.8	28.5
-57.5°	14.3	15.3	16.0	16.4	16.6	16.8	17.6	19.0	20.3	21.6	24.2
-60°	12.4	13.4	13.9	14.1	14.2	14.2	15.2	16.4	17.4	18.8	21.1
-62.5°	10.3	11.2	11.6	11.8	11.9	11.9	13.2	14.4	15.5	17.1	19.7
-65°	8.4	9.0	9.3	9.5	9.6	9.9	11.4	12.8	14.0	16.6	20.6
-67.5°	6.8	7.1	7.3	7.4	7.5	8.1	9.9	11.6	13.1	16.4	21.7
-70°	5.3	5.5	5.6	5.7	5.8	6.6	8.3	10.1	11.9	13.8	15.7
-72.5°	4.0	4.1	4.2	4.3	4.4	5.0	6.2	7.5	8.8	9.7	10.3
-75°	2.7	2.9	3.0	3.1	3.1	3.6	4.2	4.9	5.6	6.0	6.2
-77.5°	1.7	1.8	1.9	2.0	2.1	2.4	2.7	3.1	3.5	3.7	3.8
-80°	0.9	1.0	1.1	1.2	1.2	1.3	1.5	1.6	1.8	1.9	1.9
-82.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	2.0	2.0	1.9	1.8	1.9	2.0	2.0	1.9	1.9	1.8	1.6
77.5°	4.0	4.2	4.0	3.8	4.0	4.2	4.0	3.8	3.7	3.5	3.1
75°	6.5	6.7	6.6	6.4	6.6	6.7	6.5	6.2	6.0	5.6	4.9
72.5°	10.8	11.3	11.2	11.0	11.2	11.3	10.8	10.3	9.7	8.8	7.5
70°	17.7	19.8	19.7	19.2	19.7	19.8	17.7	15.7	13.8	11.9	10.1
67.5°	27.4	33.3	35.1	36.1	35.1	33.3	27.4	21.7	16.4	13.1	11.6
65°	24.4	27.9	29.4	30.4	29.4	27.9	24.4	20.6	16.6	14.0	12.8
62.5°	22.0	24.1	24.5	24.5	24.5	24.1	22.0	19.7	17.1	15.5	14.4
60°	23.5	25.7	26.0	25.6	26.0	25.7	23.5	21.1	18.8	17.4	16.4
57.5°	26.6	29.0	29.4	28.9	29.4	29.0	26.6	24.2	21.6	20.3	19.0
55°	31.0	33.4	34.2	34.1	34.2	33.4	31.0	28.5	25.8	24.3	22.7
52.5°	36.6	38.8	39.7	39.7	39.7	38.8	36.6	34.2	31.6	29.6	27.4
50°	44.2	46.1	47.1	47.2	47.1	46.1	44.2	41.8	39.1	36.3	33.3
47.5°	49.6	50.8	51.5	51.6	51.5	50.8	49.6	48.0	45.7	43.1	40.5
45°	52.9	53.6	54.1	54.6	54.1	53.6	52.9	52.0	49.9	47.3	44.6
42.5°	56.0	57.5	58.5	58.8	58.5	57.5	56.0	54.7	52.7	50.2	47.4
40°	60.2	62.2	64.1	66.1	64.1	62.2	60.2	58.1	55.8	53.3	51.1
37.5°	64.7	66.9	68.8	69.8	68.8	66.9	64.7	62.5	60.4	57.5	55.4
35°	55.5	54.1	53.2	52.9	53.2	54.1	55.5	57.9	61.4	63.7	61.1
32.5°	52.6	52.7	52.5	52.2	52.5	52.7	52.6	52.3	51.9	53.9	59.1
30°	59.4	60.4	60.5	60.4	60.5	60.4	59.4	57.3	54.6	53.2	52.5
27.5°	74.1	76.6	77.4	78.9	77.4	76.6	74.1	69.6	63.5	59.5	54.7
25°	93.6	97.3	99.2	99.8	99.2	97.3	93.6	87.9	80.5	72.1	63.1
22.5°	110.9	113.8	115.4	116.8	115.4	113.8	110.9	106.6	99.0	88.8	77.8
20°	131.4	136.6	139.0	139.1	139.0	136.6	131.4	122.5	114.9	105.8	93.6
17.5°	163.4	173.5	178.6	180.0	178.6	173.5	163.4	149.0	135.6	119.9	108.3
15°	213.9	239.7	253.0	259.3	253.0	239.7	213.9	185.9	163.1	140.5	119.7
12.5°	296.2	354.4	401.5	419.3	401.5	354.4	296.2	245.3	195.8	162.8	135.3
10°	459.3	633.3	836.5	931.4	836.5	633.3	459.3	324.0	246.1	185.6	149.1
7.5°	888.5	2062.9	3998.4	4921.6	3998.4	2062.9	888.5	463.8	297.8	214.8	164.0
5°	1893.8	8173.4	14637.5	17193.0	14637.5	8173.4	1893.8	645.4	361.7	243.4	174.8
2.5°	3016.5	13405.4	25293.8	29576.0	25293.8	13405.4	3016.5	848.6	421.1	261.5	182.6
0°	3604.1	14126.8	27911.2	32183.8	27911.2	14126.8	3604.1	875.9	443.0	266.9	184.9
-2.5°	3016.5	13405.4	25293.8	29575.9	25293.8	13405.4	3016.5	848.6	421.1	261.5	182.6
-5°	1893.8	8173.4	14637.5	17193.0	14637.5	8173.4	1893.8	645.4	361.7	243.4	174.8
-7.5°	888.5	2062.9	3998.4	4921.6	3998.4	2062.9	888.5	463.8	297.8	214.8	164.0
-10°	459.3	633.3	836.5	931.4	836.5	633.3	459.3	324.0	246.1	185.6	149.1
-12.5°	296.2	354.4	401.5	419.3	401.5	354.4	296.2	245.3	195.8	162.8	135.3
-15°	213.9	239.7	253.0	259.3	253.0	239.7	213.9	185.9	163.1	140.5	119.7
-17.5°	163.4	173.5	178.6	180.0	178.6	173.5	163.4	149.0	135.6	119.9	108.3
-20°	131.4	136.6	139.0	139.1	139.0	136.6	131.4	122.5	114.9	105.8	93.6



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	110.9	113.8	115.4	116.8	115.4	113.8	110.9	106.6	99.0	88.8	77.8
-25°	93.6	97.3	99.2	99.8	99.2	97.3	93.6	87.9	80.5	72.1	63.1
-27.5°	74.1	76.6	77.4	78.9	77.4	76.6	74.1	69.6	63.5	59.5	54.7
-30°	59.4	60.4	60.5	60.4	60.5	60.4	59.4	57.3	54.6	53.2	52.5
-32.5°	52.6	52.7	52.5	52.2	52.5	52.7	52.6	52.3	51.9	53.9	59.1
-35°	55.5	54.1	53.2	52.9	53.2	54.1	55.5	57.9	61.4	63.7	61.1
-37.5°	64.7	66.9	68.8	69.8	68.8	66.9	64.7	62.5	60.4	57.5	55.4
-40°	60.2	62.2	64.1	66.1	64.1	62.2	60.2	58.1	55.8	53.3	51.1
-42.5°	56.0	57.5	58.5	58.8	58.5	57.5	56.0	54.7	52.7	50.2	47.4
-45°	52.9	53.6	54.1	54.6	54.1	53.6	52.9	52.0	49.9	47.3	44.6
-47.5°	49.6	50.8	51.5	51.6	51.5	50.8	49.6	48.0	45.7	43.1	40.5
-50°	44.2	46.1	47.1	47.2	47.1	46.1	44.2	41.8	39.1	36.3	33.3
-52.5°	36.6	38.8	39.7	39.7	39.7	38.8	36.6	34.2	31.6	29.6	27.4
-55°	31.0	33.4	34.2	34.1	34.2	33.4	31.0	28.5	25.8	24.3	22.7
-57.5°	26.6	29.0	29.4	28.9	29.4	29.0	26.6	24.2	21.6	20.3	19.0
-60°	23.5	25.7	26.0	25.6	26.0	25.7	23.5	21.1	18.8	17.4	16.4
-62.5°	22.0	24.1	24.5	24.5	24.5	24.1	22.0	19.7	17.1	15.5	14.4
-65°	24.4	27.9	29.4	30.4	29.4	27.9	24.4	20.6	16.6	14.0	12.8
-67.5°	27.4	33.3	35.1	36.1	35.1	33.3	27.4	21.7	16.4	13.1	11.6
-70°	17.7	19.8	19.7	19.2	19.7	19.8	17.7	15.7	13.8	11.9	10.1
-72.5°	10.8	11.3	11.2	11.0	11.2	11.3	10.8	10.3	9.7	8.8	7.5
-75°	6.5	6.7	6.6	6.4	6.6	6.7	6.5	6.2	6.0	5.6	4.9
-77.5°	4.0	4.2	4.0	3.8	4.0	4.2	4.0	3.8	3.7	3.5	3.1
-80°	2.0	2.0	1.9	1.8	1.9	2.0	2.0	1.9	1.9	1.8	1.6
-82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
80°	1.5	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6
77.5°	2.7	2.4	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1
75°	4.2	3.6	3.1	3.1	3.0	2.9	2.7	2.5	2.3	2.0	1.8
72.5°	6.2	5.0	4.4	4.3	4.2	4.1	4.0	3.8	3.5	3.0	2.6
70°	8.3	6.6	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.7	4.1
67.5°	9.9	8.1	7.5	7.4	7.3	7.1	6.8	6.5	6.3	6.0	5.4
65°	11.4	9.9	9.6	9.5	9.3	9.0	8.4	7.8	7.4	7.1	6.5
62.5°	13.2	11.9	11.9	11.8	11.6	11.2	10.3	9.5	8.7	8.0	7.5
60°	15.2	14.2	14.2	14.1	13.9	13.4	12.4	11.3	10.2	9.4	8.7
57.5°	17.6	16.8	16.6	16.4	16.0	15.3	14.3	13.4	12.2	11.1	10.1
55°	21.0	20.1	19.6	19.0	18.4	17.3	16.2	15.1	14.0	13.1	11.9
52.5°	25.2	24.2	23.3	22.2	21.2	19.7	18.2	16.9	15.8	14.7	13.6
50°	30.7	29.4	27.9	26.3	24.6	22.5	20.6	19.0	17.7	16.4	15.2
47.5°	37.8	35.7	33.4	31.3	28.8	26.1	23.7	21.4	19.9	18.2	16.8
45°	42.9	41.7	40.1	37.2	33.9	30.7	27.5	24.8	22.4	20.4	18.5
42.5°	46.5	45.6	44.3	42.4	39.9	36.1	32.2	28.8	25.6	22.9	20.5
40°	49.7	48.3	47.2	45.9	43.8	41.4	37.6	33.2	29.4	25.9	22.4
37.5°	53.5	51.5	50.0	48.4	46.8	44.7	42.2	38.3	33.4	29.0	24.8
35°	58.2	55.7	53.4	51.4	49.4	47.3	45.1	42.5	38.0	32.4	27.4
32.5°	64.2	61.0	58.0	55.2	52.1	49.5	47.3	45.0	41.9	36.3	30.5
30°	54.9	61.8	63.2	59.4	55.3	51.8	49.2	46.9	44.1	40.2	33.6
27.5°	53.4	53.0	60.6	63.7	58.7	54.4	51.2	48.6	46.1	42.6	37.2
25°	57.7	54.2	53.5	60.5	62.8	57.5	53.6	50.4	47.6	44.7	41.4
22.5°	66.2	59.1	54.4	53.5	62.2	61.4	56.5	52.4	49.3	47.4	44.4
20°	80.3	66.9	58.6	54.5	56.4	65.1	59.4	55.1	52.2	50.0	47.1
17.5°	94.3	79.2	64.9	56.6	54.7	60.9	62.9	58.3	54.8	52.6	49.8
15°	107.0	90.7	74.5	62.1	55.7	56.9	66.0	61.3	57.2	55.1	52.0
12.5°	115.2	100.7	83.3	67.0	57.5	55.4	64.3	64.0	59.7	56.5	53.4
10°	122.8	107.8	90.9	73.8	61.3	56.2	61.7	66.2	61.7	57.6	54.6
7.5°	132.1	112.1	96.5	79.0	63.8	56.6	59.6	68.2	63.6	58.8	55.5
5°	137.8	115.1	99.8	82.0	65.0	56.6	58.1	69.9	65.2	59.9	56.2
2.5°	141.4	116.7	101.4	83.6	65.3	56.3	57.4	71.6	66.8	60.6	56.3
0°	141.9	116.4	102.3	84.2	65.2	55.7	57.9	73.1	68.3	61.0	56.4
-2.5°	141.4	116.7	101.4	83.6	65.3	56.3	57.4	71.6	66.8	60.6	56.3
-5°	137.8	115.1	99.8	82.0	65.0	56.6	58.1	69.9	65.2	59.9	56.2
-7.5°	132.1	112.1	96.5	79.0	63.8	56.6	59.6	68.2	63.6	58.8	55.5
-10°	122.8	107.8	90.9	73.8	61.3	56.2	61.7	66.2	61.7	57.6	54.6
-12.5°	115.2	100.7	83.3	67.0	57.5	55.4	64.3	64.0	59.7	56.5	53.4
-15°	107.0	90.7	74.5	62.1	55.7	56.9	66.0	61.3	57.2	55.1	52.0
-17.5°	94.3	79.2	64.9	56.6	54.7	60.9	62.9	58.3	54.8	52.6	49.8
-20°	80.3	66.9	58.6	54.5	56.4	65.1	59.4	55.1	52.2	50.0	47.1



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	66.2	59.1	54.4	53.5	62.2	61.4	56.5	52.4	49.3	47.4	44.4
-25°	57.7	54.2	53.5	60.5	62.8	57.5	53.6	50.4	47.6	44.7	41.4
-27.5°	53.4	53.0	60.6	63.7	58.7	54.4	51.2	48.6	46.1	42.6	37.2
-30°	54.9	61.8	63.2	59.4	55.3	51.8	49.2	46.9	44.1	40.2	33.6
-32.5°	64.2	61.0	58.0	55.2	52.1	49.5	47.3	45.0	41.9	36.3	30.5
-35°	58.2	55.7	53.4	51.4	49.4	47.3	45.1	42.5	38.0	32.4	27.4
-37.5°	53.5	51.5	50.0	48.4	46.8	44.7	42.2	38.3	33.4	29.0	24.8
-40°	49.7	48.3	47.2	45.9	43.8	41.4	37.6	33.2	29.4	25.9	22.4
-42.5°	46.5	45.6	44.3	42.4	39.9	36.1	32.2	28.8	25.6	22.9	20.5
-45°	42.9	41.7	40.1	37.2	33.9	30.7	27.5	24.8	22.4	20.4	18.5
-47.5°	37.8	35.7	33.4	31.3	28.8	26.1	23.7	21.4	19.9	18.2	16.8
-50°	30.7	29.4	27.9	26.3	24.6	22.5	20.6	19.0	17.7	16.4	15.2
-52.5°	25.2	24.2	23.3	22.2	21.2	19.7	18.2	16.9	15.8	14.7	13.6
-55°	21.0	20.1	19.6	19.0	18.4	17.3	16.2	15.1	14.0	13.1	11.9
-57.5°	17.6	16.8	16.6	16.4	16.0	15.3	14.3	13.4	12.2	11.1	10.1
-60°	15.2	14.2	14.2	14.1	13.9	13.4	12.4	11.3	10.2	9.4	8.7
-62.5°	13.2	11.9	11.9	11.8	11.6	11.2	10.3	9.5	8.7	8.0	7.5
-65°	11.4	9.9	9.6	9.5	9.3	9.0	8.4	7.8	7.4	7.1	6.5
-67.5°	9.9	8.1	7.5	7.4	7.3	7.1	6.8	6.5	6.3	6.0	5.4
-70°	8.3	6.6	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.7	4.1
-72.5°	6.2	5.0	4.4	4.3	4.2	4.1	4.0	3.8	3.5	3.0	2.6
-75°	4.2	3.6	3.1	3.1	3.0	2.9	2.7	2.5	2.3	2.0	1.8
-77.5°	2.7	2.4	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1
-80°	1.5	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6
-82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	1.0	0.9	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4
75°	1.6	1.4	1.3	1.1	0.9	0.7	0.6	0.6	0.5	0.4	0.4
72.5°	2.4	2.1	1.9	1.6	1.3	1.1	0.9	0.7	0.6	0.6	0.4
70°	3.5	3.0	2.6	2.2	1.8	1.5	1.2	1.0	0.8	0.7	0.6
67.5°	4.8	4.1	3.5	2.9	2.5	2.0	1.6	1.3	1.1	0.8	0.7
65°	5.7	5.0	4.3	3.7	3.1	2.5	2.1	1.7	1.4	1.1	0.8
62.5°	6.8	5.9	5.1	4.4	3.7	3.1	2.5	2.2	1.7	1.4	1.1
60°	7.9	7.0	6.0	5.2	4.4	3.6	3.1	2.7	2.2	1.7	1.3
57.5°	9.2	8.3	7.1	6.0	5.1	4.2	3.6	3.2	2.7	2.1	1.6
55°	10.7	9.5	8.2	6.9	5.8	4.8	4.3	3.8	3.2	2.5	1.8
52.5°	12.4	10.8	9.3	7.8	6.5	5.5	5.1	4.4	3.7	2.9	2.2
50°	13.9	12.2	10.4	8.8	7.3	6.5	5.8	5.1	4.3	3.4	2.7
47.5°	15.2	13.4	11.6	9.8	8.1	7.5	6.8	5.9	4.8	3.9	3.1
45°	16.5	14.6	12.7	10.8	9.3	8.6	7.8	6.7	5.6	4.5	3.6
42.5°	17.9	15.7	13.7	11.8	10.6	9.7	8.8	7.6	6.3	5.2	4.2
40°	19.6	16.9	14.6	12.9	11.9	10.8	9.8	8.6	7.1	5.9	4.7
37.5°	21.2	18.3	15.7	14.2	13.1	11.9	10.8	9.7	8.1	6.7	5.3
35°	23.3	19.7	17.2	15.5	14.2	13.0	11.8	10.6	9.2	7.6	6.0
32.5°	25.3	21.5	18.9	16.9	15.3	14.1	12.8	11.9	10.4	8.4	6.6
30°	28.0	23.9	20.7	18.1	16.3	15.0	14.0	13.3	11.6	9.2	7.2
27.5°	31.4	26.3	22.4	19.6	17.4	15.9	15.6	14.9	12.8	10.2	7.9
25°	34.8	29.1	24.5	21.0	18.5	17.5	17.1	16.6	14.1	11.2	8.6
22.5°	38.5	31.9	26.5	22.4	20.3	19.0	18.7	18.0	15.5	12.2	9.3
20°	42.2	34.6	28.6	24.6	22.2	20.7	20.1	19.4	17.0	13.2	9.9
17.5°	45.5	37.6	31.5	27.1	24.1	22.3	21.4	20.8	18.4	14.2	10.6
15°	47.7	40.8	34.2	29.3	26.0	23.9	22.8	22.2	19.9	15.2	11.0
12.5°	49.6	43.6	36.6	31.5	27.8	25.4	24.0	23.5	21.4	15.8	11.3
10°	51.1	46.0	38.8	33.5	29.5	26.9	25.3	24.4	22.0	16.2	11.5
7.5°	52.4	48.1	40.7	35.3	30.9	27.6	25.5	24.6	22.3	16.4	11.6
5°	53.3	49.3	41.7	35.7	31.0	27.6	25.5	24.7	22.6	16.6	11.8
2.5°	53.5	49.5	41.9	35.9	31.0	27.5	25.4	24.8	22.7	16.7	11.9
0°	53.5	49.3	41.9	35.9	30.9	27.3	25.4	24.9	22.7	16.7	11.9
-2.5°	53.5	49.5	41.9	35.9	31.0	27.5	25.4	24.8	22.7	16.7	11.9
-5°	53.3	49.3	41.7	35.7	31.0	27.6	25.5	24.7	22.6	16.6	11.8
-7.5°	52.4	48.1	40.7	35.3	30.9	27.6	25.5	24.6	22.3	16.4	11.6
-10°	51.1	46.0	38.8	33.5	29.5	26.9	25.3	24.4	22.0	16.2	11.5
-12.5°	49.6	43.6	36.6	31.5	27.8	25.4	24.0	23.5	21.4	15.8	11.3
-15°	47.7	40.8	34.2	29.3	26.0	23.9	22.8	22.2	19.9	15.2	11.0
-17.5°	45.5	37.6	31.5	27.1	24.1	22.3	21.4	20.8	18.4	14.2	10.6
-20°	42.2	34.6	28.6	24.6	22.2	20.7	20.1	19.4	17.0	13.2	9.9



REPORT NUMBER: P558465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	38.5	31.9	26.5	22.4	20.3	19.0	18.7	18.0	15.5	12.2	9.3
-25°	34.8	29.1	24.5	21.0	18.5	17.5	17.1	16.6	14.1	11.2	8.6
-27.5°	31.4	26.3	22.4	19.6	17.4	15.9	15.6	14.9	12.8	10.2	7.9
-30°	28.0	23.9	20.7	18.1	16.3	15.0	14.0	13.3	11.6	9.2	7.2
-32.5°	25.3	21.5	18.9	16.9	15.3	14.1	12.8	11.9	10.4	8.4	6.6
-35°	23.3	19.7	17.2	15.5	14.2	13.0	11.8	10.6	9.2	7.6	6.0
-37.5°	21.2	18.3	15.7	14.2	13.1	11.9	10.8	9.7	8.1	6.7	5.3
-40°	19.6	16.9	14.6	12.9	11.9	10.8	9.8	8.6	7.1	5.9	4.7
-42.5°	17.9	15.7	13.7	11.8	10.6	9.7	8.8	7.6	6.3	5.2	4.2
-45°	16.5	14.6	12.7	10.8	9.3	8.6	7.8	6.7	5.6	4.5	3.6
-47.5°	15.2	13.4	11.6	9.8	8.1	7.5	6.8	5.9	4.8	3.9	3.1
-50°	13.9	12.2	10.4	8.8	7.3	6.5	5.8	5.1	4.3	3.4	2.7
-52.5°	12.4	10.8	9.3	7.8	6.5	5.5	5.1	4.4	3.7	2.9	2.2
-55°	10.7	9.5	8.2	6.9	5.8	4.8	4.3	3.8	3.2	2.5	1.8
-57.5°	9.2	8.3	7.1	6.0	5.1	4.2	3.6	3.2	2.7	2.1	1.6
-60°	7.9	7.0	6.0	5.2	4.4	3.6	3.1	2.7	2.2	1.7	1.3
-62.5°	6.8	5.9	5.1	4.4	3.7	3.1	2.5	2.2	1.7	1.4	1.1
-65°	5.7	5.0	4.3	3.7	3.1	2.5	2.1	1.7	1.4	1.1	0.8
-67.5°	4.8	4.1	3.5	2.9	2.5	2.0	1.6	1.3	1.1	0.8	0.7
-70°	3.5	3.0	2.6	2.2	1.8	1.5	1.2	1.0	0.8	0.7	0.6
-72.5°	2.4	2.1	1.9	1.6	1.3	1.1	0.9	0.7	0.6	0.6	0.4
-75°	1.6	1.4	1.3	1.1	0.9	0.7	0.6	0.6	0.5	0.4	0.4
-77.5°	1.0	0.9	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4
-80°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-87.5°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
62.5°	0.8	0.6	0.4	0.4	0.4	0.2	0.0
60°	0.9	0.7	0.4	0.4	0.4	0.2	0.0
57.5°	1.2	0.8	0.5	0.4	0.4	0.2	0.0
55°	1.4	0.9	0.6	0.4	0.4	0.2	0.0
52.5°	1.7	1.0	0.7	0.4	0.4	0.2	0.0
50°	1.9	1.3	0.8	0.4	0.4	0.3	0.0
47.5°	2.2	1.5	0.9	0.4	0.4	0.3	0.0
45°	2.6	1.7	0.9	0.5	0.4	0.3	0.0
42.5°	3.0	1.9	1.0	0.5	0.4	0.3	0.0
40°	3.5	2.2	1.2	0.6	0.4	0.3	0.0
37.5°	3.9	2.4	1.3	0.7	0.4	0.3	0.0
35°	4.3	2.7	1.5	0.7	0.4	0.3	0.0
32.5°	4.8	3.0	1.7	0.8	0.4	0.3	0.0
30°	5.3	3.4	1.8	0.8	0.4	0.3	0.0
27.5°	5.8	3.7	1.9	0.8	0.4	0.4	0.0
25°	6.2	4.0	2.0	0.9	0.4	0.4	0.0
22.5°	6.7	4.3	2.1	0.9	0.5	0.4	0.0
20°	7.2	4.4	2.1	0.9	0.5	0.4	0.0
17.5°	7.4	4.4	2.2	0.9	0.5	0.4	0.0
15°	7.5	4.4	2.2	0.9	0.5	0.4	0.0
12.5°	7.6	4.4	2.2	0.9	0.5	0.4	0.0
10°	7.6	4.4	2.2	0.9	0.5	0.4	0.0
7.5°	7.6	4.3	2.1	0.9	0.5	0.4	0.0
5°	7.5	4.2	2.1	0.9	0.5	0.4	0.0
2.5°	7.4	4.1	2.1	0.9	0.5	0.4	0.0
0°	7.3	4.0	2.0	0.9	0.5	0.4	0.0
-2.5°	7.4	4.1	2.1	0.9	0.5	0.4	0.0
-5°	7.5	4.2	2.1	0.9	0.5	0.4	0.0
-7.5°	7.6	4.3	2.1	0.9	0.5	0.4	0.0
-10°	7.6	4.4	2.2	0.9	0.5	0.4	0.0
-12.5°	7.6	4.4	2.2	0.9	0.5	0.4	0.0
-15°	7.5	4.4	2.2	0.9	0.5	0.4	0.0
-17.5°	7.4	4.4	2.2	0.9	0.5	0.4	0.0
-20°	7.2	4.4	2.1	0.9	0.5	0.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.7	4.3	2.1	0.9	0.5	0.4	0.0
-25°	6.2	4.0	2.0	0.9	0.4	0.4	0.0
-27.5°	5.8	3.7	1.9	0.8	0.4	0.4	0.0
-30°	5.3	3.4	1.8	0.8	0.4	0.3	0.0
-32.5°	4.8	3.0	1.7	0.8	0.4	0.3	0.0
-35°	4.3	2.7	1.5	0.7	0.4	0.3	0.0
-37.5°	3.9	2.4	1.3	0.7	0.4	0.3	0.0
-40°	3.5	2.2	1.2	0.6	0.4	0.3	0.0
-42.5°	3.0	1.9	1.0	0.5	0.4	0.3	0.0
-45°	2.6	1.7	0.9	0.5	0.4	0.3	0.0
-47.5°	2.2	1.5	0.9	0.4	0.4	0.3	0.0
-50°	1.9	1.3	0.8	0.4	0.4	0.3	0.0
-52.5°	1.7	1.0	0.7	0.4	0.4	0.2	0.0
-55°	1.4	0.9	0.6	0.4	0.4	0.2	0.0
-57.5°	1.2	0.8	0.5	0.4	0.4	0.2	0.0
-60°	0.9	0.7	0.4	0.4	0.4	0.2	0.0
-62.5°	0.8	0.6	0.4	0.4	0.4	0.2	0.0
-65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
-67.5°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
-70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
-72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
-75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
-77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
-80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)