

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: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558536 (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-SA1C-930-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

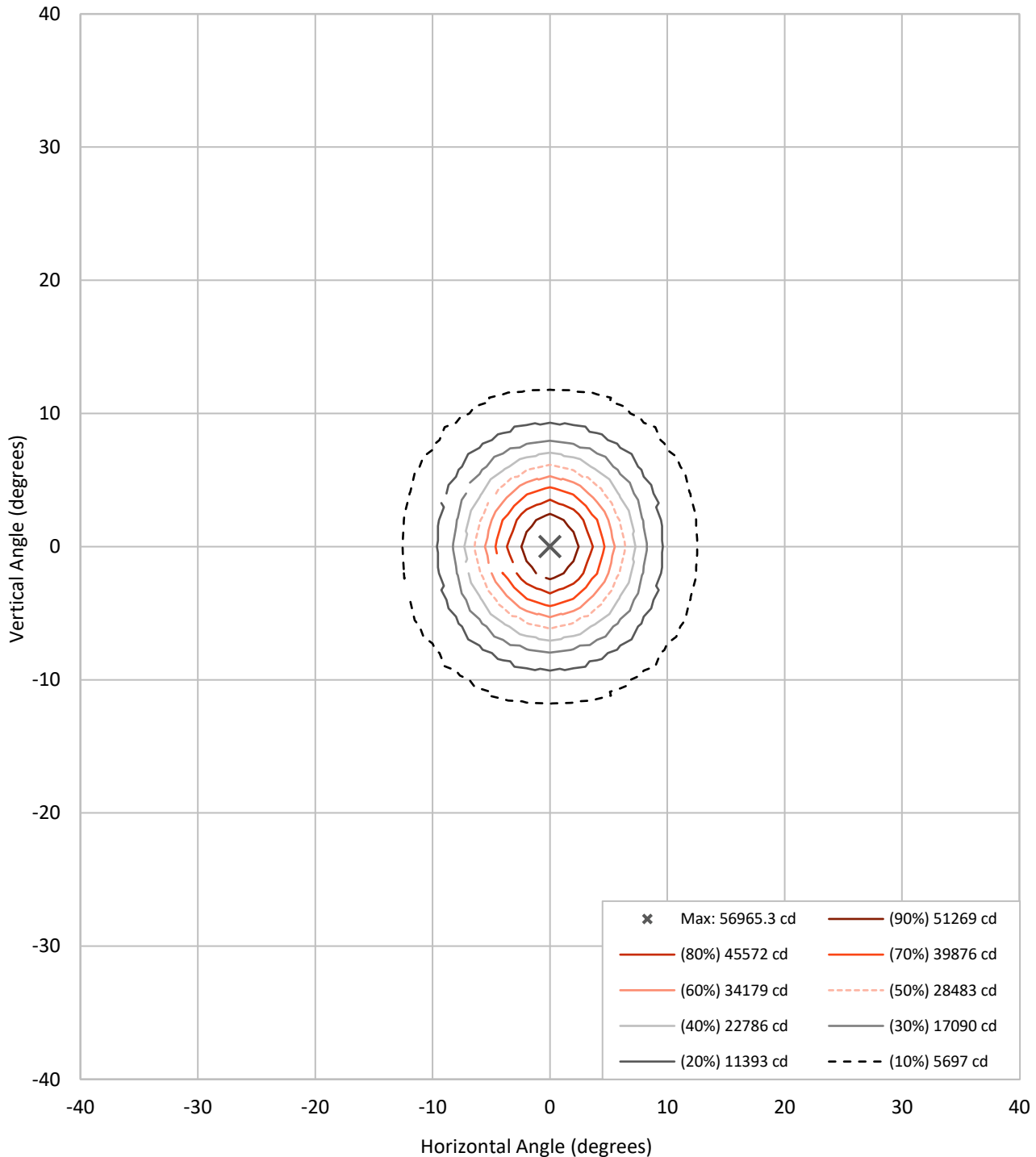
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	4129.2 lumens	Max Intensity:	56965.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1304.8 lumens	Field Lumens:	2890.5 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 44
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: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





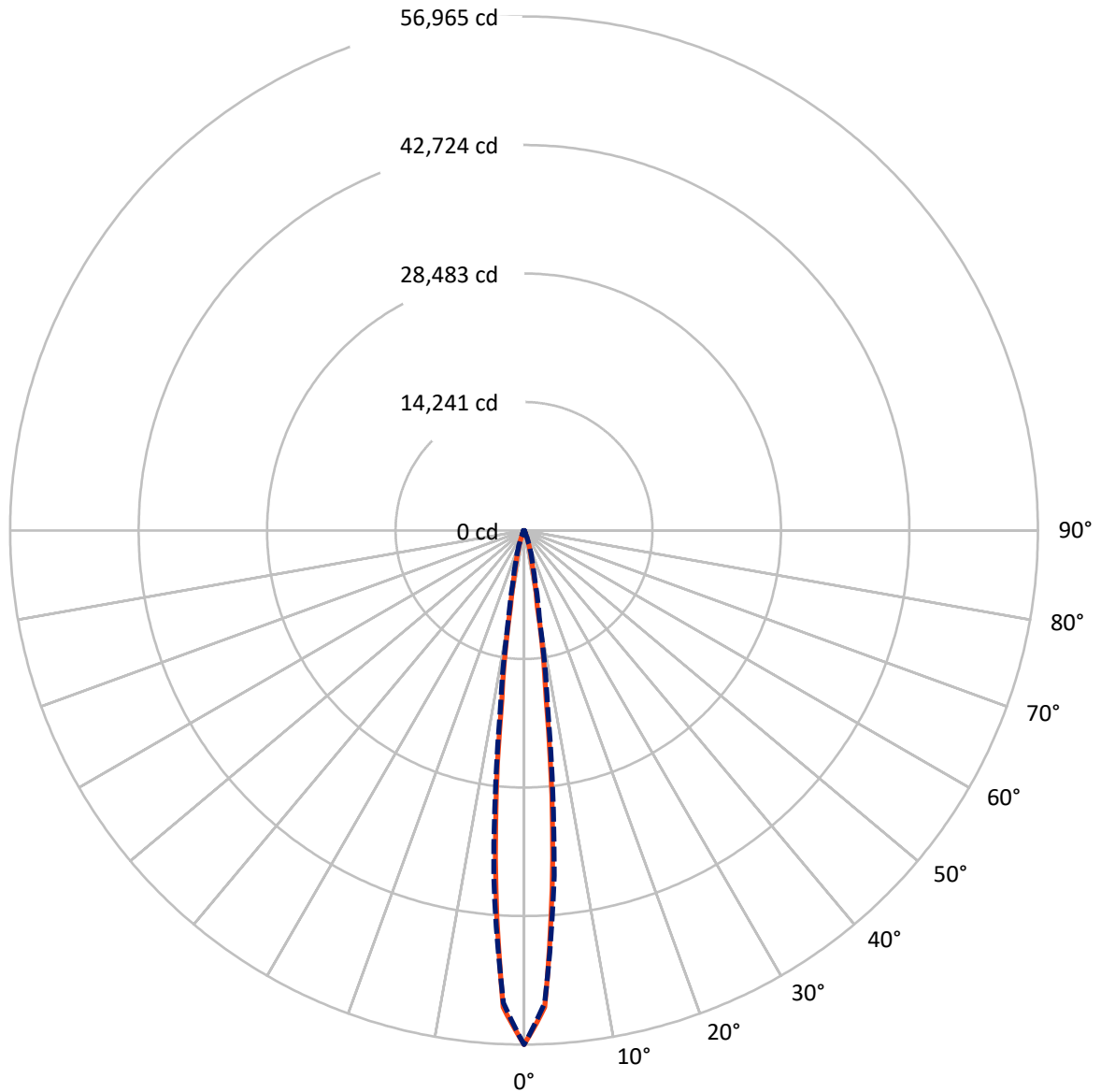
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Lumen Table

90	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1			
80	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1			
70	0.2	0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3	0.2			
60		0.4	0.8	1.2	1.6	1.8	2.0	2.1	2.1	2.0	1.8	1.6	1.2	0.8	0.4				
50	0.4	0.5	1.0	1.4	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.8	1.4	1.0	0.5	0.4			
40		0.6	1.1	1.5	2.0	2.5	3.2	3.6	3.6	3.2	2.5	2.0	1.5	1.1	0.6				
30	0.5	0.7	1.2	1.6	2.3	3.6	7.9	14.4	14.4	7.9	3.6	2.3	1.6	1.2	0.7	0.5			
20		0.7	1.2	1.7	2.7	7.7	43.3	95.3	95.3	43.3	7.7	2.7	1.7	1.2	0.7				
10	0.6	0.7	1.2	1.8	3.0	14.7	103.9	672.4	672.4	103.9	14.7	3.0	1.8	1.2	0.7	0.6			
0		0.7	1.2	1.8	3.0	14.7	103.9	672.4	672.4	103.9	14.7	3.0	1.8	1.2	0.7				
-10	0.5	0.7	1.2	1.7	2.7	7.7	43.3	95.3	95.3	43.3	7.7	2.7	1.7	1.2	0.7	0.5			
-20		0.7	1.2	1.6	2.3	3.6	7.9	14.4	14.4	7.9	3.6	2.3	1.6	1.2	0.7				
-30	0.4	0.6	1.1	1.5	2.0	2.5	3.2	3.6	3.6	3.2	2.5	2.0	1.5	1.1	0.6	0.4			
-40		0.5	1.0	1.4	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.8	1.4	1.0	0.5				
-50	0.2	0.4	0.8	1.2	1.6	1.8	2.0	2.1	2.1	2.0	1.8	1.6	1.2	0.8	0.4	0.2			
-60		0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3				
-70	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1			
-80		0.5		1.3		2.1		2.5		2.1		1.3		0.5					
-90	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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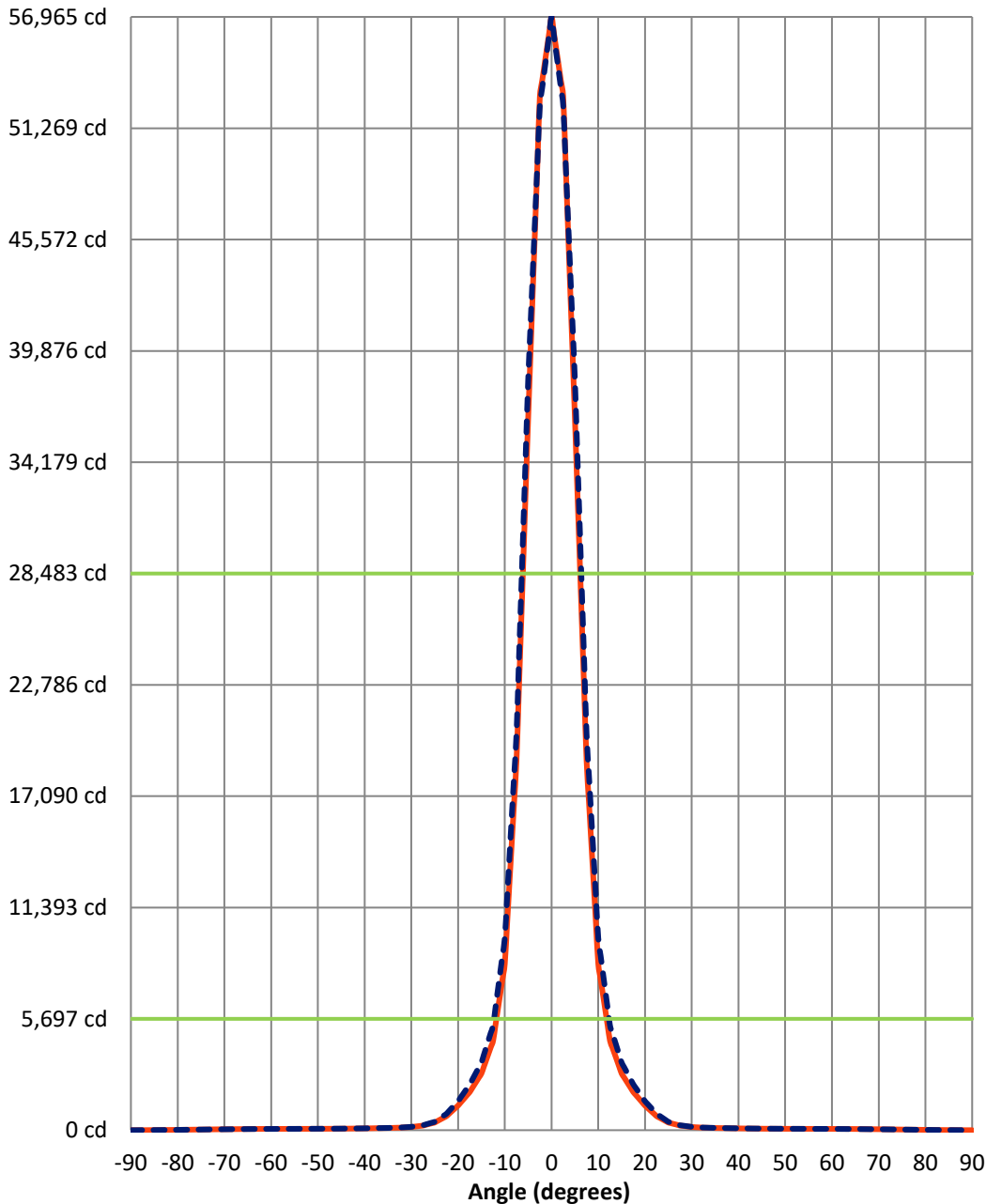
Luminous Intensity Polar Plot



— 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: 1304.8
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 2890.5
 Efficiency: 70.0%

Spill:
 Lumens: 1238.7
 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	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.8	1.2	1.5	1.8	2.1	2.4	2.8	3.3	3.8
80°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.5	4.1	4.8	5.6
77.5°	0.0	0.7	1.3	1.9	2.5	3.1	3.8	4.6	5.5	6.4	7.3
75°	0.0	0.8	1.6	2.3	3.0	3.9	4.8	5.7	6.8	8.1	9.2
72.5°	0.0	0.9	1.9	2.7	3.7	4.7	5.7	6.9	8.4	9.8	11.1
70°	0.0	1.1	2.1	3.1	4.3	5.5	6.7	8.3	10.0	11.6	13.7
67.5°	0.0	1.2	2.4	3.6	4.9	6.3	7.9	9.7	11.6	13.9	16.4
65°	0.0	1.3	2.6	4.0	5.5	7.1	9.1	11.1	13.6	16.2	19.1
62.5°	0.0	1.4	2.9	4.5	6.1	8.1	10.2	12.7	15.5	18.5	21.9
60°	0.0	1.5	3.1	4.9	6.7	9.0	11.4	14.3	17.4	21.0	24.6
57.5°	0.0	1.7	3.4	5.4	7.4	9.9	12.7	15.9	19.5	23.4	27.3
55°	0.0	1.8	3.7	5.8	8.1	10.8	14.0	17.4	21.6	25.8	30.1
52.5°	0.0	1.9	3.9	6.2	8.8	11.7	15.3	19.2	23.6	28.1	32.7
50°	0.0	2.0	4.2	6.6	9.4	12.7	16.6	20.9	25.6	30.5	35.4
47.5°	0.0	2.1	4.4	7.0	10.1	13.7	17.8	22.6	27.5	32.7	37.9
45°	0.0	2.2	4.7	7.4	10.7	14.7	19.2	24.2	29.5	35.0	40.4
42.5°	0.0	2.3	4.9	7.9	11.2	15.6	20.4	25.7	31.3	37.1	42.6
40°	0.0	2.4	5.1	8.3	11.9	16.5	21.7	27.3	33.1	39.2	44.6
37.5°	0.0	2.5	5.3	8.6	12.5	17.3	22.8	28.7	34.9	41.1	46.5
35°	0.0	2.5	5.5	9.0	13.2	18.2	23.9	30.1	36.5	42.7	48.2
32.5°	0.0	2.6	5.7	9.3	13.7	19.0	25.0	31.4	38.1	44.2	49.7
30°	0.0	2.7	5.9	9.6	14.3	19.8	26.0	32.7	39.5	45.6	51.0
27.5°	0.0	2.7	6.0	9.9	14.8	20.6	27.0	33.8	40.7	46.8	52.3
25°	0.0	2.8	6.2	10.1	15.3	21.2	27.8	34.8	41.7	47.9	53.4
22.5°	0.0	2.9	6.3	10.3	15.7	21.8	28.6	35.8	42.7	48.8	54.3
20°	0.0	2.9	6.4	10.5	16.1	22.4	29.4	36.6	43.5	49.7	55.1
17.5°	0.0	3.0	6.5	10.7	16.4	22.9	30.0	37.4	44.2	50.4	55.8
15°	0.0	3.0	6.6	10.8	16.7	23.3	30.6	38.0	44.9	51.0	56.4
12.5°	0.0	3.0	6.7	10.9	17.0	23.7	31.1	38.5	45.4	51.5	57.0
10°	0.0	3.1	6.8	11.0	17.2	24.0	31.5	38.9	45.8	52.0	57.4
7.5°	0.0	3.1	6.8	11.1	17.4	24.2	31.8	39.2	46.1	52.3	57.7
5°	0.0	3.1	6.9	11.1	17.5	24.4	32.0	39.4	46.3	52.4	57.9
2.5°	0.0	3.1	6.9	11.1	17.6	24.5	32.2	39.5	46.4	52.5	57.9
0°	0.0	3.1	6.9	11.1	17.6	24.5	32.2	39.5	46.4	52.5	57.9
-2.5°	0.0	3.1	6.9	11.1	17.6	24.5	32.2	39.5	46.4	52.5	57.9
-5°	0.0	3.1	6.9	11.1	17.5	24.4	32.0	39.4	46.3	52.4	57.9
-7.5°	0.0	3.1	6.8	11.1	17.4	24.2	31.8	39.2	46.1	52.3	57.7
-10°	0.0	3.1	6.8	11.0	17.2	24.0	31.5	38.9	45.8	52.0	57.4
-12.5°	0.0	3.0	6.7	10.9	17.0	23.7	31.1	38.5	45.4	51.5	57.0
-15°	0.0	3.0	6.6	10.8	16.7	23.3	30.6	38.0	44.9	51.0	56.4
-17.5°	0.0	3.0	6.5	10.7	16.4	22.9	30.0	37.4	44.2	50.4	55.8
-20°	0.0	2.9	6.4	10.5	16.1	22.4	29.4	36.6	43.5	49.7	55.1



REPORT NUMBER: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	2.9	6.3	10.3	15.7	21.8	28.6	35.8	42.7	48.8	54.3
-25°	0.0	2.8	6.2	10.1	15.3	21.2	27.8	34.8	41.7	47.9	53.4
-27.5°	0.0	2.7	6.0	9.9	14.8	20.6	27.0	33.8	40.7	46.8	52.3
-30°	0.0	2.7	5.9	9.6	14.3	19.8	26.0	32.7	39.5	45.6	51.0
-32.5°	0.0	2.6	5.7	9.3	13.7	19.0	25.0	31.4	38.1	44.2	49.7
-35°	0.0	2.5	5.5	9.0	13.2	18.2	23.9	30.1	36.5	42.7	48.2
-37.5°	0.0	2.5	5.3	8.6	12.5	17.3	22.8	28.7	34.9	41.1	46.5
-40°	0.0	2.4	5.1	8.3	11.9	16.5	21.7	27.3	33.1	39.2	44.6
-42.5°	0.0	2.3	4.9	7.9	11.2	15.6	20.4	25.7	31.3	37.1	42.6
-45°	0.0	2.2	4.7	7.4	10.7	14.7	19.2	24.2	29.5	35.0	40.4
-47.5°	0.0	2.1	4.4	7.0	10.1	13.7	17.8	22.6	27.5	32.7	37.9
-50°	0.0	2.0	4.2	6.6	9.4	12.7	16.6	20.9	25.6	30.5	35.4
-52.5°	0.0	1.9	3.9	6.2	8.8	11.7	15.3	19.2	23.6	28.1	32.7
-55°	0.0	1.8	3.7	5.8	8.1	10.8	14.0	17.4	21.6	25.8	30.1
-57.5°	0.0	1.7	3.4	5.4	7.4	9.9	12.7	15.9	19.5	23.4	27.3
-60°	0.0	1.5	3.1	4.9	6.7	9.0	11.4	14.3	17.4	21.0	24.6
-62.5°	0.0	1.4	2.9	4.5	6.1	8.1	10.2	12.7	15.5	18.5	21.9
-65°	0.0	1.3	2.6	4.0	5.5	7.1	9.1	11.1	13.6	16.2	19.1
-67.5°	0.0	1.2	2.4	3.6	4.9	6.3	7.9	9.7	11.6	13.9	16.4
-70°	0.0	1.1	2.1	3.1	4.3	5.5	6.7	8.3	10.0	11.6	13.7
-72.5°	0.0	0.9	1.9	2.7	3.7	4.7	5.7	6.9	8.4	9.8	11.1
-75°	0.0	0.8	1.6	2.3	3.0	3.9	4.8	5.7	6.8	8.1	9.2
-77.5°	0.0	0.7	1.3	1.9	2.5	3.1	3.8	4.6	5.5	6.4	7.3
-80°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.5	4.1	4.8	5.6
-82.5°	0.0	0.4	0.8	1.2	1.5	1.8	2.1	2.4	2.8	3.3	3.8
-85°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	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



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 CATALOG NUMBER: GFLD-SA1C-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°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6
82.5°	4.2	4.6	4.9	5.2	5.4	5.7	6.0	6.5	7.0	7.6	8.1
80°	6.1	6.5	7.1	7.8	8.5	9.2	9.9	10.5	11.2	11.9	12.7
77.5°	8.2	9.0	10.0	11.0	12.0	13.2	14.3	15.5	16.6	17.5	18.3
75°	10.3	11.5	13.1	14.7	16.2	17.7	19.3	20.8	22.0	23.3	24.5
72.5°	12.9	14.8	16.7	18.6	20.5	22.4	24.2	25.8	27.5	29.1	30.7
70°	15.9	18.1	20.4	22.7	25.0	27.1	29.1	31.2	33.2	35.1	36.7
67.5°	18.9	21.6	24.2	26.9	29.3	31.7	34.1	36.5	38.8	40.7	42.4
65°	22.1	25.0	28.0	30.8	33.4	36.2	39.0	41.6	43.8	45.6	47.3
62.5°	25.1	28.4	31.6	34.7	37.8	40.8	43.4	45.8	48.0	50.0	51.9
60°	28.3	31.9	35.3	38.7	41.9	44.7	47.4	49.8	52.0	54.2	55.7
57.5°	31.3	35.2	38.9	42.4	45.5	48.4	51.0	53.5	55.4	57.1	58.9
55°	34.3	38.5	42.3	45.8	48.9	51.7	54.3	56.4	58.3	59.9	61.6
52.5°	37.3	41.6	45.4	48.9	52.0	54.7	57.0	59.1	60.8	62.5	63.9
50°	40.2	44.4	48.4	51.7	54.7	57.3	59.4	61.4	63.1	64.7	65.9
47.5°	42.7	47.1	50.9	54.3	57.1	59.6	61.6	63.5	65.3	66.6	67.8
45°	45.2	49.5	53.3	56.5	59.3	61.6	63.6	65.6	67.0	68.3	69.3
42.5°	47.5	51.6	55.4	58.7	61.1	63.4	65.4	67.1	68.6	69.8	70.8
40°	49.4	53.7	57.3	60.3	62.8	65.0	66.9	68.6	70.0	71.1	72.2
37.5°	51.3	55.4	59.1	61.8	64.2	66.3	68.2	69.8	71.2	72.4	73.9
35°	53.0	57.1	60.4	63.1	65.4	67.5	69.3	70.9	72.3	74.0	75.7
32.5°	54.5	58.6	61.7	64.2	66.5	68.6	70.4	72.0	73.6	75.5	77.6
30°	55.8	59.7	62.8	65.1	67.4	69.4	71.3	73.1	74.9	77.1	79.9
27.5°	57.0	60.7	63.6	65.9	68.2	70.1	72.1	74.1	76.2	78.8	82.3
25°	58.1	61.6	64.3	66.7	68.8	70.7	72.8	74.9	77.5	80.9	85.5
22.5°	58.9	62.5	64.9	67.4	69.3	71.3	73.5	75.8	78.7	82.9	88.9
20°	59.6	63.0	65.4	67.9	69.7	71.9	74.0	76.6	80.1	85.5	92.5
17.5°	60.3	63.5	65.9	68.2	70.1	72.3	74.6	77.2	81.2	88.0	95.8
15°	60.8	63.8	66.2	68.4	70.4	72.7	75.0	78.0	82.7	90.4	98.8
12.5°	61.3	64.1	66.5	68.6	70.7	72.9	75.4	78.7	84.3	92.6	101.8
10°	61.7	64.4	66.7	68.7	70.9	73.0	75.7	79.2	85.5	93.8	103.5
7.5°	62.0	64.5	66.8	68.8	71.0	73.0	75.9	79.4	86.2	94.5	104.5
5°	62.1	64.7	67.0	68.9	71.1	73.1	76.1	79.5	86.5	94.6	104.8
2.5°	62.2	64.8	67.1	69.0	71.3	73.4	76.5	79.9	86.8	95.0	105.1
0°	62.1	64.8	67.1	69.0	71.3	73.6	76.7	80.2	86.7	95.5	105.1
-2.5°	62.2	64.8	67.1	69.0	71.3	73.4	76.5	79.9	86.8	95.0	105.1
-5°	62.1	64.7	67.0	68.9	71.1	73.1	76.1	79.5	86.5	94.6	104.8
-7.5°	62.0	64.5	66.8	68.8	71.0	73.0	75.9	79.4	86.2	94.5	104.5
-10°	61.7	64.4	66.7	68.7	70.9	73.0	75.7	79.2	85.5	93.8	103.5
-12.5°	61.3	64.1	66.5	68.6	70.7	72.9	75.4	78.7	84.3	92.6	101.8
-15°	60.8	63.8	66.2	68.4	70.4	72.7	75.0	78.0	82.7	90.4	98.8
-17.5°	60.3	63.5	65.9	68.2	70.1	72.3	74.6	77.2	81.2	88.0	95.8
-20°	59.6	63.0	65.4	67.9	69.7	71.9	74.0	76.6	80.1	85.5	92.5



REPORT NUMBER: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	58.9	62.5	64.9	67.4	69.3	71.3	73.5	75.8	78.7	82.9	88.9
-25°	58.1	61.6	64.3	66.7	68.8	70.7	72.8	74.9	77.5	80.9	85.5
-27.5°	57.0	60.7	63.6	65.9	68.2	70.1	72.1	74.1	76.2	78.8	82.3
-30°	55.8	59.7	62.8	65.1	67.4	69.4	71.3	73.1	74.9	77.1	79.9
-32.5°	54.5	58.6	61.7	64.2	66.5	68.6	70.4	72.0	73.6	75.5	77.6
-35°	53.0	57.1	60.4	63.1	65.4	67.5	69.3	70.9	72.3	74.0	75.7
-37.5°	51.3	55.4	59.1	61.8	64.2	66.3	68.2	69.8	71.2	72.4	73.9
-40°	49.4	53.7	57.3	60.3	62.8	65.0	66.9	68.6	70.0	71.1	72.2
-42.5°	47.5	51.6	55.4	58.7	61.1	63.4	65.4	67.1	68.6	69.8	70.8
-45°	45.2	49.5	53.3	56.5	59.3	61.6	63.6	65.6	67.0	68.3	69.3
-47.5°	42.7	47.1	50.9	54.3	57.1	59.6	61.6	63.5	65.3	66.6	67.8
-50°	40.2	44.4	48.4	51.7	54.7	57.3	59.4	61.4	63.1	64.7	65.9
-52.5°	37.3	41.6	45.4	48.9	52.0	54.7	57.0	59.1	60.8	62.5	63.9
-55°	34.3	38.5	42.3	45.8	48.9	51.7	54.3	56.4	58.3	59.9	61.6
-57.5°	31.3	35.2	38.9	42.4	45.5	48.4	51.0	53.5	55.4	57.1	58.9
-60°	28.3	31.9	35.3	38.7	41.9	44.7	47.4	49.8	52.0	54.2	55.7
-62.5°	25.1	28.4	31.6	34.7	37.8	40.8	43.4	45.8	48.0	50.0	51.9
-65°	22.1	25.0	28.0	30.8	33.4	36.2	39.0	41.6	43.8	45.6	47.3
-67.5°	18.9	21.6	24.2	26.9	29.3	31.7	34.1	36.5	38.8	40.7	42.4
-70°	15.9	18.1	20.4	22.7	25.0	27.1	29.1	31.2	33.2	35.1	36.7
-72.5°	12.9	14.8	16.7	18.6	20.5	22.4	24.2	25.8	27.5	29.1	30.7
-75°	10.3	11.5	13.1	14.7	16.2	17.7	19.3	20.8	22.0	23.3	24.5
-77.5°	8.2	9.0	10.0	11.0	12.0	13.2	14.3	15.5	16.6	17.5	18.3
-80°	6.1	6.5	7.1	7.8	8.5	9.2	9.9	10.5	11.2	11.9	12.7
-82.5°	4.2	4.6	4.9	5.2	5.4	5.7	6.0	6.5	7.0	7.6	8.1
-85°	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6
-87.5°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
-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: P558536 (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°	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3
85°	4.9	5.1	5.3	5.5	5.7	5.9	6.0	6.1	6.2	6.3	6.4
82.5°	8.6	9.0	9.4	9.8	10.1	10.4	10.6	10.8	11.0	11.1	11.3
80°	13.4	14.0	14.7	15.3	15.8	16.2	16.6	16.9	17.1	17.4	17.6
77.5°	19.1	20.1	20.9	21.7	22.5	23.0	23.6	24.0	24.4	24.9	25.3
75°	25.7	26.8	27.8	28.7	29.5	30.3	31.0	31.6	32.0	32.5	33.0
72.5°	32.1	33.5	34.6	35.6	36.5	37.4	38.2	39.1	39.8	40.4	40.8
70°	38.2	39.6	40.9	42.0	43.1	44.2	45.3	46.3	47.3	47.9	48.2
67.5°	43.9	45.3	46.7	48.1	49.3	50.5	51.6	52.6	53.5	54.2	54.5
65°	48.9	50.5	52.0	53.5	54.8	55.7	56.7	57.7	58.6	59.4	59.9
62.5°	53.7	55.2	56.5	57.7	58.8	59.8	60.8	61.7	62.5	63.1	63.8
60°	57.3	58.9	60.1	61.3	62.3	63.3	64.1	64.7	65.2	65.6	66.0
57.5°	60.4	61.9	63.2	64.1	65.0	65.9	66.6	67.0	67.4	67.6	67.8
55°	63.1	64.3	65.4	66.4	67.3	68.1	68.7	69.0	69.2	69.2	69.3
52.5°	65.2	66.4	67.5	68.5	69.2	69.9	70.5	70.6	70.7	70.7	70.7
50°	67.2	68.4	69.2	70.0	70.8	71.4	71.9	72.1	72.3	72.3	72.2
47.5°	68.8	69.8	70.7	71.6	72.3	73.0	73.6	73.9	74.2	74.3	74.3
45°	70.2	71.3	72.3	73.3	74.2	75.1	75.9	76.5	77.0	77.4	77.5
42.5°	71.8	73.0	74.1	75.5	76.8	78.0	79.2	80.4	81.6	82.9	83.7
40°	73.5	74.7	76.5	78.1	80.0	81.7	84.4	87.2	89.2	91.0	92.6
37.5°	75.4	77.2	79.3	81.5	84.5	87.6	91.1	94.4	97.4	100.1	102.2
35°	77.6	80.0	82.6	86.4	90.2	94.1	98.2	102.8	106.6	109.4	111.4
32.5°	80.3	83.4	87.5	92.3	97.0	102.0	107.1	112.1	115.8	119.7	123.6
30°	83.3	87.7	93.0	98.9	104.8	110.8	117.1	124.0	130.7	137.8	148.0
27.5°	87.1	92.5	98.7	105.6	112.8	120.0	130.9	142.8	160.6	174.8	199.0
25°	91.2	97.5	104.9	112.9	121.7	134.4	154.4	178.1	220.0	252.5	301.8
22.5°	95.7	103.1	111.3	120.6	134.6	158.7	192.9	253.7	338.2	421.7	514.5
20°	100.1	108.3	117.3	131.4	155.2	193.3	267.5	398.8	545.5	754.4	929.6
17.5°	104.4	113.1	124.5	143.5	179.1	255.8	399.4	624.4	930.7	1267.4	1548.1
15°	108.1	117.0	132.4	162.4	222.6	342.1	558.9	941.8	1456.5	1917.4	2328.6
12.5°	111.2	121.8	140.9	177.7	260.4	437.3	785.1	1328.7	1957.3	2603.7	3124.0
10°	113.5	126.9	152.3	206.0	320.4	550.5	973.6	1659.4	2416.2	3201.9	4142.4
7.5°	114.9	130.5	160.9	227.0	374.0	676.6	1210.0	1954.5	2823.6	3896.2	5333.2
5°	115.9	133.0	167.4	242.8	409.7	760.0	1359.3	2178.2	3175.2	4726.0	7683.4
2.5°	116.4	134.1	171.0	251.5	426.0	802.8	1464.4	2306.2	3389.1	5311.5	9311.6
0°	116.2	133.5	171.4	253.5	428.4	835.6	1481.8	2342.8	3461.4	5363.9	9833.6
-2.5°	116.4	134.1	171.0	251.5	426.0	802.8	1464.4	2306.2	3389.1	5311.5	9311.6
-5°	115.9	133.0	167.4	242.8	409.7	760.0	1359.3	2178.2	3175.2	4726.0	7683.4
-7.5°	114.9	130.5	160.9	227.0	374.0	676.6	1210.0	1954.5	2823.6	3896.2	5333.2
-10°	113.5	126.9	152.3	206.0	320.4	550.5	973.6	1659.4	2416.2	3201.9	4142.4
-12.5°	111.2	121.8	140.9	177.7	260.4	437.3	785.1	1328.7	1957.3	2603.7	3124.0
-15°	108.1	117.0	132.4	162.4	222.6	342.1	558.9	941.8	1456.5	1917.4	2328.6
-17.5°	104.4	113.1	124.5	143.5	179.1	255.8	399.4	624.4	930.7	1267.4	1548.1
-20°	100.1	108.3	117.3	131.4	155.2	193.3	267.5	398.8	545.5	754.4	929.6



REPORT NUMBER: P558536 (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°	95.7	103.1	111.3	120.6	134.6	158.7	192.9	253.7	338.2	421.7	514.5
-25°	91.2	97.5	104.9	112.9	121.7	134.4	154.4	178.1	220.0	252.5	301.8
-27.5°	87.1	92.5	98.7	105.6	112.8	120.0	130.9	142.8	160.6	174.8	199.0
-30°	83.3	87.7	93.0	98.9	104.8	110.8	117.1	124.0	130.7	137.8	148.0
-32.5°	80.3	83.4	87.5	92.3	97.0	102.0	107.1	112.1	115.8	119.7	123.6
-35°	77.6	80.0	82.6	86.4	90.2	94.1	98.2	102.8	106.6	109.4	111.4
-37.5°	75.4	77.2	79.3	81.5	84.5	87.6	91.1	94.4	97.4	100.1	102.2
-40°	73.5	74.7	76.5	78.1	80.0	81.7	84.4	87.2	89.2	91.0	92.6
-42.5°	71.8	73.0	74.1	75.5	76.8	78.0	79.2	80.4	81.6	82.9	83.7
-45°	70.2	71.3	72.3	73.3	74.2	75.1	75.9	76.5	77.0	77.4	77.5
-47.5°	68.8	69.8	70.7	71.6	72.3	73.0	73.6	73.9	74.2	74.3	74.3
-50°	67.2	68.4	69.2	70.0	70.8	71.4	71.9	72.1	72.3	72.3	72.2
-52.5°	65.2	66.4	67.5	68.5	69.2	69.9	70.5	70.6	70.7	70.7	70.7
-55°	63.1	64.3	65.4	66.4	67.3	68.1	68.7	69.0	69.2	69.2	69.3
-57.5°	60.4	61.9	63.2	64.1	65.0	65.9	66.6	67.0	67.4	67.6	67.8
-60°	57.3	58.9	60.1	61.3	62.3	63.3	64.1	64.7	65.2	65.6	66.0
-62.5°	53.7	55.2	56.5	57.7	58.8	59.8	60.8	61.7	62.5	63.1	63.8
-65°	48.9	50.5	52.0	53.5	54.8	55.7	56.7	57.7	58.6	59.4	59.9
-67.5°	43.9	45.3	46.7	48.1	49.3	50.5	51.6	52.6	53.5	54.2	54.5
-70°	38.2	39.6	40.9	42.0	43.1	44.2	45.3	46.3	47.3	47.9	48.2
-72.5°	32.1	33.5	34.6	35.6	36.5	37.4	38.2	39.1	39.8	40.4	40.8
-75°	25.7	26.8	27.8	28.7	29.5	30.3	31.0	31.6	32.0	32.5	33.0
-77.5°	19.1	20.1	20.9	21.7	22.5	23.0	23.6	24.0	24.4	24.9	25.3
-80°	13.4	14.0	14.7	15.3	15.8	16.2	16.6	16.9	17.1	17.4	17.6
-82.5°	8.6	9.0	9.4	9.8	10.1	10.4	10.6	10.8	11.0	11.1	11.3
-85°	4.9	5.1	5.3	5.5	5.7	5.9	6.0	6.1	6.2	6.3	6.4
-87.5°	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-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: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
85°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2	6.1
82.5°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3	11.1	11.0	10.8
80°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6	17.4	17.1	16.9
77.5°	25.6	25.9	26.1	26.1	26.1	25.9	25.6	25.3	24.9	24.4	24.0
75°	33.3	33.5	33.7	33.7	33.7	33.5	33.3	33.0	32.5	32.0	31.6
72.5°	41.0	41.2	41.5	41.8	41.5	41.2	41.0	40.8	40.4	39.8	39.1
70°	48.4	48.5	48.8	49.1	48.8	48.5	48.4	48.2	47.9	47.3	46.3
67.5°	54.8	55.0	55.0	54.8	55.0	55.0	54.8	54.5	54.2	53.5	52.6
65°	60.4	60.7	60.8	60.6	60.8	60.7	60.4	59.9	59.4	58.6	57.7
62.5°	64.4	64.9	65.2	65.2	65.2	64.9	64.4	63.8	63.1	62.5	61.7
60°	66.4	66.6	66.7	66.7	66.7	66.6	66.4	66.0	65.6	65.2	64.7
57.5°	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.8	67.6	67.4	67.0
55°	69.4	69.4	69.2	69.0	69.2	69.4	69.4	69.3	69.2	69.2	69.0
52.5°	70.7	70.6	70.4	70.2	70.4	70.6	70.7	70.7	70.7	70.7	70.6
50°	72.1	71.8	71.7	71.7	71.7	71.8	72.1	72.2	72.3	72.3	72.1
47.5°	74.2	74.0	74.0	74.0	74.0	74.0	74.2	74.3	74.3	74.2	73.9
45°	77.6	77.5	77.4	77.5	77.4	77.5	77.6	77.5	77.4	77.0	76.5
42.5°	84.2	84.3	84.2	84.4	84.2	84.3	84.2	83.7	82.9	81.6	80.4
40°	93.2	93.2	92.9	92.8	92.9	93.2	93.2	92.6	91.0	89.2	87.2
37.5°	103.1	103.1	102.8	102.8	102.8	103.1	103.1	102.2	100.1	97.4	94.4
35°	112.4	112.8	112.7	112.4	112.7	112.8	112.4	111.4	109.4	106.6	102.8
32.5°	126.4	128.6	129.7	129.2	129.7	128.6	126.4	123.6	119.7	115.8	112.1
30°	154.5	160.0	162.8	164.1	162.8	160.0	154.5	148.0	137.8	130.7	124.0
27.5°	216.2	228.4	233.9	235.8	233.9	228.4	216.2	199.0	174.8	160.6	142.8
25°	344.9	372.5	386.0	390.4	386.0	372.5	344.9	301.8	252.5	220.0	178.1
22.5°	616.8	669.7	706.0	714.1	706.0	669.7	616.8	514.5	421.7	338.2	253.7
20°	1105.8	1208.4	1264.0	1259.0	1264.0	1208.4	1105.8	929.6	754.4	545.5	398.8
17.5°	1786.8	1918.3	1980.9	1951.6	1980.9	1918.3	1786.8	1548.1	1267.4	930.7	624.4
15°	2619.3	2797.0	2874.5	2898.4	2874.5	2797.0	2619.3	2328.6	1917.4	1456.5	941.8
12.5°	3643.3	4225.7	4504.3	4578.9	4504.3	4225.7	3643.3	3124.0	2603.7	1957.3	1328.7
10°	5104.4	7062.1	8226.5	8510.9	8226.5	7062.1	5104.4	4142.4	3201.9	2416.2	1659.4
7.5°	8335.9	12314.1	16770.6	18880.9	16770.6	12314.1	8335.9	5333.2	3896.2	2823.6	1954.5
5°	12712.2	22063.1	32381.3	36426.2	32381.3	22063.1	12712.2	7683.4	4726.0	3175.2	2178.2
2.5°	18032.4	33313.6	47570.8	52885.6	47570.8	33313.6	18032.4	9311.6	5311.5	3389.1	2306.2
0°	20280.2	38406.9	52412.7	56965.3	52412.7	38406.9	20280.2	9833.6	5363.9	3461.4	2342.8
-2.5°	18032.4	33313.6	47570.8	52885.5	47570.8	33313.6	18032.4	9311.6	5311.5	3389.1	2306.2
-5°	12712.2	22063.1	32381.3	36426.2	32381.3	22063.1	12712.2	7683.4	4726.0	3175.2	2178.2
-7.5°	8335.9	12314.1	16770.6	18880.9	16770.6	12314.1	8335.9	5333.2	3896.2	2823.6	1954.5
-10°	5104.4	7062.1	8226.5	8510.9	8226.5	7062.1	5104.4	4142.4	3201.9	2416.2	1659.4
-12.5°	3643.3	4225.7	4504.3	4578.9	4504.3	4225.7	3643.3	3124.0	2603.7	1957.3	1328.7
-15°	2619.3	2797.0	2874.5	2898.4	2874.5	2797.0	2619.3	2328.6	1917.4	1456.5	941.8
-17.5°	1786.8	1918.3	1980.9	1951.6	1980.9	1918.3	1786.8	1548.1	1267.4	930.7	624.4
-20°	1105.8	1208.4	1264.0	1259.0	1264.0	1208.4	1105.8	929.6	754.4	545.5	398.8



REPORT NUMBER: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	616.8	669.7	706.0	714.1	706.0	669.7	616.8	514.5	421.7	338.2	253.7
-25°	344.9	372.5	386.0	390.4	386.0	372.5	344.9	301.8	252.5	220.0	178.1
-27.5°	216.2	228.4	233.9	235.8	233.9	228.4	216.2	199.0	174.8	160.6	142.8
-30°	154.5	160.0	162.8	164.1	162.8	160.0	154.5	148.0	137.8	130.7	124.0
-32.5°	126.4	128.6	129.7	129.2	129.7	128.6	126.4	123.6	119.7	115.8	112.1
-35°	112.4	112.8	112.7	112.4	112.7	112.8	112.4	111.4	109.4	106.6	102.8
-37.5°	103.1	103.1	102.8	102.8	102.8	103.1	103.1	102.2	100.1	97.4	94.4
-40°	93.2	93.2	92.9	92.8	92.9	93.2	93.2	92.6	91.0	89.2	87.2
-42.5°	84.2	84.3	84.2	84.4	84.2	84.3	84.2	83.7	82.9	81.6	80.4
-45°	77.6	77.5	77.4	77.5	77.4	77.5	77.6	77.5	77.4	77.0	76.5
-47.5°	74.2	74.0	74.0	74.0	74.0	74.0	74.2	74.3	74.3	74.2	73.9
-50°	72.1	71.8	71.7	71.7	71.7	71.8	72.1	72.2	72.3	72.3	72.1
-52.5°	70.7	70.6	70.4	70.2	70.4	70.6	70.7	70.7	70.7	70.7	70.6
-55°	69.4	69.4	69.2	69.0	69.2	69.4	69.4	69.3	69.2	69.2	69.0
-57.5°	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.8	67.6	67.4	67.0
-60°	66.4	66.6	66.7	66.7	66.7	66.6	66.4	66.0	65.6	65.2	64.7
-62.5°	64.4	64.9	65.2	65.2	65.2	64.9	64.4	63.8	63.1	62.5	61.7
-65°	60.4	60.7	60.8	60.6	60.8	60.7	60.4	59.9	59.4	58.6	57.7
-67.5°	54.8	55.0	55.0	54.8	55.0	55.0	54.8	54.5	54.2	53.5	52.6
-70°	48.4	48.5	48.8	49.1	48.8	48.5	48.4	48.2	47.9	47.3	46.3
-72.5°	41.0	41.2	41.5	41.8	41.5	41.2	41.0	40.8	40.4	39.8	39.1
-75°	33.3	33.5	33.7	33.7	33.7	33.5	33.3	33.0	32.5	32.0	31.6
-77.5°	25.6	25.9	26.1	26.1	26.1	25.9	25.6	25.3	24.9	24.4	24.0
-80°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6	17.4	17.1	16.9
-82.5°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3	11.1	11.0	10.8
-85°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2	6.1
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-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: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.0	1.9
85°	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4	4.2	4.0
82.5°	10.6	10.4	10.1	9.8	9.4	9.0	8.6	8.1	7.6	7.0	6.5
80°	16.6	16.2	15.8	15.3	14.7	14.0	13.4	12.7	11.9	11.2	10.5
77.5°	23.6	23.0	22.5	21.7	20.9	20.1	19.1	18.3	17.5	16.6	15.5
75°	31.0	30.3	29.5	28.7	27.8	26.8	25.7	24.5	23.3	22.0	20.8
72.5°	38.2	37.4	36.5	35.6	34.6	33.5	32.1	30.7	29.1	27.5	25.8
70°	45.3	44.2	43.1	42.0	40.9	39.6	38.2	36.7	35.1	33.2	31.2
67.5°	51.6	50.5	49.3	48.1	46.7	45.3	43.9	42.4	40.7	38.8	36.5
65°	56.7	55.7	54.8	53.5	52.0	50.5	48.9	47.3	45.6	43.8	41.6
62.5°	60.8	59.8	58.8	57.7	56.5	55.2	53.7	51.9	50.0	48.0	45.8
60°	64.1	63.3	62.3	61.3	60.1	58.9	57.3	55.7	54.2	52.0	49.8
57.5°	66.6	65.9	65.0	64.1	63.2	61.9	60.4	58.9	57.1	55.4	53.5
55°	68.7	68.1	67.3	66.4	65.4	64.3	63.1	61.6	59.9	58.3	56.4
52.5°	70.5	69.9	69.2	68.5	67.5	66.4	65.2	63.9	62.5	60.8	59.1
50°	71.9	71.4	70.8	70.0	69.2	68.4	67.2	65.9	64.7	63.1	61.4
47.5°	73.6	73.0	72.3	71.6	70.7	69.8	68.8	67.8	66.6	65.3	63.5
45°	75.9	75.1	74.2	73.3	72.3	71.3	70.2	69.3	68.3	67.0	65.6
42.5°	79.2	78.0	76.8	75.5	74.1	73.0	71.8	70.8	69.8	68.6	67.1
40°	84.4	81.7	80.0	78.1	76.5	74.7	73.5	72.2	71.1	70.0	68.6
37.5°	91.1	87.6	84.5	81.5	79.3	77.2	75.4	73.9	72.4	71.2	69.8
35°	98.2	94.1	90.2	86.4	82.6	80.0	77.6	75.7	74.0	72.3	70.9
32.5°	107.1	102.0	97.0	92.3	87.5	83.4	80.3	77.6	75.5	73.6	72.0
30°	117.1	110.8	104.8	98.9	93.0	87.7	83.3	79.9	77.1	74.9	73.1
27.5°	130.9	120.0	112.8	105.6	98.7	92.5	87.1	82.3	78.8	76.2	74.1
25°	154.4	134.4	121.7	112.9	104.9	97.5	91.2	85.5	80.9	77.5	74.9
22.5°	192.9	158.7	134.6	120.6	111.3	103.1	95.7	88.9	82.9	78.7	75.8
20°	267.5	193.3	155.2	131.4	117.3	108.3	100.1	92.5	85.5	80.1	76.6
17.5°	399.4	255.8	179.1	143.5	124.5	113.1	104.4	95.8	88.0	81.2	77.2
15°	558.9	342.1	222.6	162.4	132.4	117.0	108.1	98.8	90.4	82.7	78.0
12.5°	785.1	437.3	260.4	177.7	140.9	121.8	111.2	101.8	92.6	84.3	78.7
10°	973.6	550.5	320.4	206.0	152.3	126.9	113.5	103.5	93.8	85.5	79.2
7.5°	1210.0	676.6	374.0	227.0	160.9	130.5	114.9	104.5	94.5	86.2	79.4
5°	1359.3	760.0	409.7	242.8	167.4	133.0	115.9	104.8	94.6	86.5	79.5
2.5°	1464.4	802.8	426.0	251.5	171.0	134.1	116.4	105.1	95.0	86.8	79.9
0°	1481.8	835.6	428.4	253.5	171.4	133.5	116.2	105.1	95.5	86.7	80.2
-2.5°	1464.4	802.8	426.0	251.5	171.0	134.1	116.4	105.1	95.0	86.8	79.9
-5°	1359.3	760.0	409.7	242.8	167.4	133.0	115.9	104.8	94.6	86.5	79.5
-7.5°	1210.0	676.6	374.0	227.0	160.9	130.5	114.9	104.5	94.5	86.2	79.4
-10°	973.6	550.5	320.4	206.0	152.3	126.9	113.5	103.5	93.8	85.5	79.2
-12.5°	785.1	437.3	260.4	177.7	140.9	121.8	111.2	101.8	92.6	84.3	78.7
-15°	558.9	342.1	222.6	162.4	132.4	117.0	108.1	98.8	90.4	82.7	78.0
-17.5°	399.4	255.8	179.1	143.5	124.5	113.1	104.4	95.8	88.0	81.2	77.2
-20°	267.5	193.3	155.2	131.4	117.3	108.3	100.1	92.5	85.5	80.1	76.6



REPORT NUMBER: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	192.9	158.7	134.6	120.6	111.3	103.1	95.7	88.9	82.9	78.7	75.8
-25°	154.4	134.4	121.7	112.9	104.9	97.5	91.2	85.5	80.9	77.5	74.9
-27.5°	130.9	120.0	112.8	105.6	98.7	92.5	87.1	82.3	78.8	76.2	74.1
-30°	117.1	110.8	104.8	98.9	93.0	87.7	83.3	79.9	77.1	74.9	73.1
-32.5°	107.1	102.0	97.0	92.3	87.5	83.4	80.3	77.6	75.5	73.6	72.0
-35°	98.2	94.1	90.2	86.4	82.6	80.0	77.6	75.7	74.0	72.3	70.9
-37.5°	91.1	87.6	84.5	81.5	79.3	77.2	75.4	73.9	72.4	71.2	69.8
-40°	84.4	81.7	80.0	78.1	76.5	74.7	73.5	72.2	71.1	70.0	68.6
-42.5°	79.2	78.0	76.8	75.5	74.1	73.0	71.8	70.8	69.8	68.6	67.1
-45°	75.9	75.1	74.2	73.3	72.3	71.3	70.2	69.3	68.3	67.0	65.6
-47.5°	73.6	73.0	72.3	71.6	70.7	69.8	68.8	67.8	66.6	65.3	63.5
-50°	71.9	71.4	70.8	70.0	69.2	68.4	67.2	65.9	64.7	63.1	61.4
-52.5°	70.5	69.9	69.2	68.5	67.5	66.4	65.2	63.9	62.5	60.8	59.1
-55°	68.7	68.1	67.3	66.4	65.4	64.3	63.1	61.6	59.9	58.3	56.4
-57.5°	66.6	65.9	65.0	64.1	63.2	61.9	60.4	58.9	57.1	55.4	53.5
-60°	64.1	63.3	62.3	61.3	60.1	58.9	57.3	55.7	54.2	52.0	49.8
-62.5°	60.8	59.8	58.8	57.7	56.5	55.2	53.7	51.9	50.0	48.0	45.8
-65°	56.7	55.7	54.8	53.5	52.0	50.5	48.9	47.3	45.6	43.8	41.6
-67.5°	51.6	50.5	49.3	48.1	46.7	45.3	43.9	42.4	40.7	38.8	36.5
-70°	45.3	44.2	43.1	42.0	40.9	39.6	38.2	36.7	35.1	33.2	31.2
-72.5°	38.2	37.4	36.5	35.6	34.6	33.5	32.1	30.7	29.1	27.5	25.8
-75°	31.0	30.3	29.5	28.7	27.8	26.8	25.7	24.5	23.3	22.0	20.8
-77.5°	23.6	23.0	22.5	21.7	20.9	20.1	19.1	18.3	17.5	16.6	15.5
-80°	16.6	16.2	15.8	15.3	14.7	14.0	13.4	12.7	11.9	11.2	10.5
-82.5°	10.6	10.4	10.1	9.8	9.4	9.0	8.6	8.1	7.6	7.0	6.5
-85°	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4	4.2	4.0
-87.5°	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.0	1.9
-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: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8
85°	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.8	1.6
82.5°	6.0	5.7	5.4	5.2	4.9	4.6	4.2	3.8	3.3	2.8	2.4
80°	9.9	9.2	8.5	7.8	7.1	6.5	6.1	5.6	4.8	4.1	3.5
77.5°	14.3	13.2	12.0	11.0	10.0	9.0	8.2	7.3	6.4	5.5	4.6
75°	19.3	17.7	16.2	14.7	13.1	11.5	10.3	9.2	8.1	6.8	5.7
72.5°	24.2	22.4	20.5	18.6	16.7	14.8	12.9	11.1	9.8	8.4	6.9
70°	29.1	27.1	25.0	22.7	20.4	18.1	15.9	13.7	11.6	10.0	8.3
67.5°	34.1	31.7	29.3	26.9	24.2	21.6	18.9	16.4	13.9	11.6	9.7
65°	39.0	36.2	33.4	30.8	28.0	25.0	22.1	19.1	16.2	13.6	11.1
62.5°	43.4	40.8	37.8	34.7	31.6	28.4	25.1	21.9	18.5	15.5	12.7
60°	47.4	44.7	41.9	38.7	35.3	31.9	28.3	24.6	21.0	17.4	14.3
57.5°	51.0	48.4	45.5	42.4	38.9	35.2	31.3	27.3	23.4	19.5	15.9
55°	54.3	51.7	48.9	45.8	42.3	38.5	34.3	30.1	25.8	21.6	17.4
52.5°	57.0	54.7	52.0	48.9	45.4	41.6	37.3	32.7	28.1	23.6	19.2
50°	59.4	57.3	54.7	51.7	48.4	44.4	40.2	35.4	30.5	25.6	20.9
47.5°	61.6	59.6	57.1	54.3	50.9	47.1	42.7	37.9	32.7	27.5	22.6
45°	63.6	61.6	59.3	56.5	53.3	49.5	45.2	40.4	35.0	29.5	24.2
42.5°	65.4	63.4	61.1	58.7	55.4	51.6	47.5	42.6	37.1	31.3	25.7
40°	66.9	65.0	62.8	60.3	57.3	53.7	49.4	44.6	39.2	33.1	27.3
37.5°	68.2	66.3	64.2	61.8	59.1	55.4	51.3	46.5	41.1	34.9	28.7
35°	69.3	67.5	65.4	63.1	60.4	57.1	53.0	48.2	42.7	36.5	30.1
32.5°	70.4	68.6	66.5	64.2	61.7	58.6	54.5	49.7	44.2	38.1	31.4
30°	71.3	69.4	67.4	65.1	62.8	59.7	55.8	51.0	45.6	39.5	32.7
27.5°	72.1	70.1	68.2	65.9	63.6	60.7	57.0	52.3	46.8	40.7	33.8
25°	72.8	70.7	68.8	66.7	64.3	61.6	58.1	53.4	47.9	41.7	34.8
22.5°	73.5	71.3	69.3	67.4	64.9	62.5	58.9	54.3	48.8	42.7	35.8
20°	74.0	71.9	69.7	67.9	65.4	63.0	59.6	55.1	49.7	43.5	36.6
17.5°	74.6	72.3	70.1	68.2	65.9	63.5	60.3	55.8	50.4	44.2	37.4
15°	75.0	72.7	70.4	68.4	66.2	63.8	60.8	56.4	51.0	44.9	38.0
12.5°	75.4	72.9	70.7	68.6	66.5	64.1	61.3	57.0	51.5	45.4	38.5
10°	75.7	73.0	70.9	68.7	66.7	64.4	61.7	57.4	52.0	45.8	38.9
7.5°	75.9	73.0	71.0	68.8	66.8	64.5	62.0	57.7	52.3	46.1	39.2
5°	76.1	73.1	71.1	68.9	67.0	64.7	62.1	57.9	52.4	46.3	39.4
2.5°	76.5	73.4	71.3	69.0	67.1	64.8	62.2	57.9	52.5	46.4	39.5
0°	76.7	73.6	71.3	69.0	67.1	64.8	62.1	57.9	52.5	46.4	39.5
-2.5°	76.5	73.4	71.3	69.0	67.1	64.8	62.2	57.9	52.5	46.4	39.5
-5°	76.1	73.1	71.1	68.9	67.0	64.7	62.1	57.9	52.4	46.3	39.4
-7.5°	75.9	73.0	71.0	68.8	66.8	64.5	62.0	57.7	52.3	46.1	39.2
-10°	75.7	73.0	70.9	68.7	66.7	64.4	61.7	57.4	52.0	45.8	38.9
-12.5°	75.4	72.9	70.7	68.6	66.5	64.1	61.3	57.0	51.5	45.4	38.5
-15°	75.0	72.7	70.4	68.4	66.2	63.8	60.8	56.4	51.0	44.9	38.0
-17.5°	74.6	72.3	70.1	68.2	65.9	63.5	60.3	55.8	50.4	44.2	37.4
-20°	74.0	71.9	69.7	67.9	65.4	63.0	59.6	55.1	49.7	43.5	36.6



REPORT NUMBER: P558536 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	73.5	71.3	69.3	67.4	64.9	62.5	58.9	54.3	48.8	42.7	35.8
-25°	72.8	70.7	68.8	66.7	64.3	61.6	58.1	53.4	47.9	41.7	34.8
-27.5°	72.1	70.1	68.2	65.9	63.6	60.7	57.0	52.3	46.8	40.7	33.8
-30°	71.3	69.4	67.4	65.1	62.8	59.7	55.8	51.0	45.6	39.5	32.7
-32.5°	70.4	68.6	66.5	64.2	61.7	58.6	54.5	49.7	44.2	38.1	31.4
-35°	69.3	67.5	65.4	63.1	60.4	57.1	53.0	48.2	42.7	36.5	30.1
-37.5°	68.2	66.3	64.2	61.8	59.1	55.4	51.3	46.5	41.1	34.9	28.7
-40°	66.9	65.0	62.8	60.3	57.3	53.7	49.4	44.6	39.2	33.1	27.3
-42.5°	65.4	63.4	61.1	58.7	55.4	51.6	47.5	42.6	37.1	31.3	25.7
-45°	63.6	61.6	59.3	56.5	53.3	49.5	45.2	40.4	35.0	29.5	24.2
-47.5°	61.6	59.6	57.1	54.3	50.9	47.1	42.7	37.9	32.7	27.5	22.6
-50°	59.4	57.3	54.7	51.7	48.4	44.4	40.2	35.4	30.5	25.6	20.9
-52.5°	57.0	54.7	52.0	48.9	45.4	41.6	37.3	32.7	28.1	23.6	19.2
-55°	54.3	51.7	48.9	45.8	42.3	38.5	34.3	30.1	25.8	21.6	17.4
-57.5°	51.0	48.4	45.5	42.4	38.9	35.2	31.3	27.3	23.4	19.5	15.9
-60°	47.4	44.7	41.9	38.7	35.3	31.9	28.3	24.6	21.0	17.4	14.3
-62.5°	43.4	40.8	37.8	34.7	31.6	28.4	25.1	21.9	18.5	15.5	12.7
-65°	39.0	36.2	33.4	30.8	28.0	25.0	22.1	19.1	16.2	13.6	11.1
-67.5°	34.1	31.7	29.3	26.9	24.2	21.6	18.9	16.4	13.9	11.6	9.7
-70°	29.1	27.1	25.0	22.7	20.4	18.1	15.9	13.7	11.6	10.0	8.3
-72.5°	24.2	22.4	20.5	18.6	16.7	14.8	12.9	11.1	9.8	8.4	6.9
-75°	19.3	17.7	16.2	14.7	13.1	11.5	10.3	9.2	8.1	6.8	5.7
-77.5°	14.3	13.2	12.0	11.0	10.0	9.0	8.2	7.3	6.4	5.5	4.6
-80°	9.9	9.2	8.5	7.8	7.1	6.5	6.1	5.6	4.8	4.1	3.5
-82.5°	6.0	5.7	5.4	5.2	4.9	4.6	4.2	3.8	3.3	2.8	2.4
-85°	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.8	1.6
-87.5°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
82.5°	2.1	1.8	1.5	1.2	0.8	0.4	0.0
80°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
77.5°	3.8	3.1	2.5	1.9	1.3	0.7	0.0
75°	4.8	3.9	3.0	2.3	1.6	0.8	0.0
72.5°	5.7	4.7	3.7	2.7	1.9	0.9	0.0
70°	6.7	5.5	4.3	3.1	2.1	1.1	0.0
67.5°	7.9	6.3	4.9	3.6	2.4	1.2	0.0
65°	9.1	7.1	5.5	4.0	2.6	1.3	0.0
62.5°	10.2	8.1	6.1	4.5	2.9	1.4	0.0
60°	11.4	9.0	6.7	4.9	3.1	1.5	0.0
57.5°	12.7	9.9	7.4	5.4	3.4	1.7	0.0
55°	14.0	10.8	8.1	5.8	3.7	1.8	0.0
52.5°	15.3	11.7	8.8	6.2	3.9	1.9	0.0
50°	16.6	12.7	9.4	6.6	4.2	2.0	0.0
47.5°	17.8	13.7	10.1	7.0	4.4	2.1	0.0
45°	19.2	14.7	10.7	7.4	4.7	2.2	0.0
42.5°	20.4	15.6	11.2	7.9	4.9	2.3	0.0
40°	21.7	16.5	11.9	8.3	5.1	2.4	0.0
37.5°	22.8	17.3	12.5	8.6	5.3	2.5	0.0
35°	23.9	18.2	13.2	9.0	5.5	2.5	0.0
32.5°	25.0	19.0	13.7	9.3	5.7	2.6	0.0
30°	26.0	19.8	14.3	9.6	5.9	2.7	0.0
27.5°	27.0	20.6	14.8	9.9	6.0	2.7	0.0
25°	27.8	21.2	15.3	10.1	6.2	2.8	0.0
22.5°	28.6	21.8	15.7	10.3	6.3	2.9	0.0
20°	29.4	22.4	16.1	10.5	6.4	2.9	0.0
17.5°	30.0	22.9	16.4	10.7	6.5	3.0	0.0
15°	30.6	23.3	16.7	10.8	6.6	3.0	0.0
12.5°	31.1	23.7	17.0	10.9	6.7	3.0	0.0
10°	31.5	24.0	17.2	11.0	6.8	3.1	0.0
7.5°	31.8	24.2	17.4	11.1	6.8	3.1	0.0
5°	32.0	24.4	17.5	11.1	6.9	3.1	0.0
2.5°	32.2	24.5	17.6	11.1	6.9	3.1	0.0
0°	32.2	24.5	17.6	11.1	6.9	3.1	0.0
-2.5°	32.2	24.5	17.6	11.1	6.9	3.1	0.0
-5°	32.0	24.4	17.5	11.1	6.9	3.1	0.0
-7.5°	31.8	24.2	17.4	11.1	6.8	3.1	0.0
-10°	31.5	24.0	17.2	11.0	6.8	3.1	0.0
-12.5°	31.1	23.7	17.0	10.9	6.7	3.0	0.0
-15°	30.6	23.3	16.7	10.8	6.6	3.0	0.0
-17.5°	30.0	22.9	16.4	10.7	6.5	3.0	0.0
-20°	29.4	22.4	16.1	10.5	6.4	2.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.6	21.8	15.7	10.3	6.3	2.9	0.0
-25°	27.8	21.2	15.3	10.1	6.2	2.8	0.0
-27.5°	27.0	20.6	14.8	9.9	6.0	2.7	0.0
-30°	26.0	19.8	14.3	9.6	5.9	2.7	0.0
-32.5°	25.0	19.0	13.7	9.3	5.7	2.6	0.0
-35°	23.9	18.2	13.2	9.0	5.5	2.5	0.0
-37.5°	22.8	17.3	12.5	8.6	5.3	2.5	0.0
-40°	21.7	16.5	11.9	8.3	5.1	2.4	0.0
-42.5°	20.4	15.6	11.2	7.9	4.9	2.3	0.0
-45°	19.2	14.7	10.7	7.4	4.7	2.2	0.0
-47.5°	17.8	13.7	10.1	7.0	4.4	2.1	0.0
-50°	16.6	12.7	9.4	6.6	4.2	2.0	0.0
-52.5°	15.3	11.7	8.8	6.2	3.9	1.9	0.0
-55°	14.0	10.8	8.1	5.8	3.7	1.8	0.0
-57.5°	12.7	9.9	7.4	5.4	3.4	1.7	0.0
-60°	11.4	9.0	6.7	4.9	3.1	1.5	0.0
-62.5°	10.2	8.1	6.1	4.5	2.9	1.4	0.0
-65°	9.1	7.1	5.5	4.0	2.6	1.3	0.0
-67.5°	7.9	6.3	4.9	3.6	2.4	1.2	0.0
-70°	6.7	5.5	4.3	3.1	2.1	1.1	0.0
-72.5°	5.7	4.7	3.7	2.7	1.9	0.9	0.0
-75°	4.8	3.9	3.0	2.3	1.6	0.8	0.0
-77.5°	3.8	3.1	2.5	1.9	1.3	0.7	0.0
-80°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
-82.5°	2.1	1.8	1.5	1.2	0.8	0.4	0.0
-85°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
-87.5°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)