

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: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559033 (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-SA5B-940-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

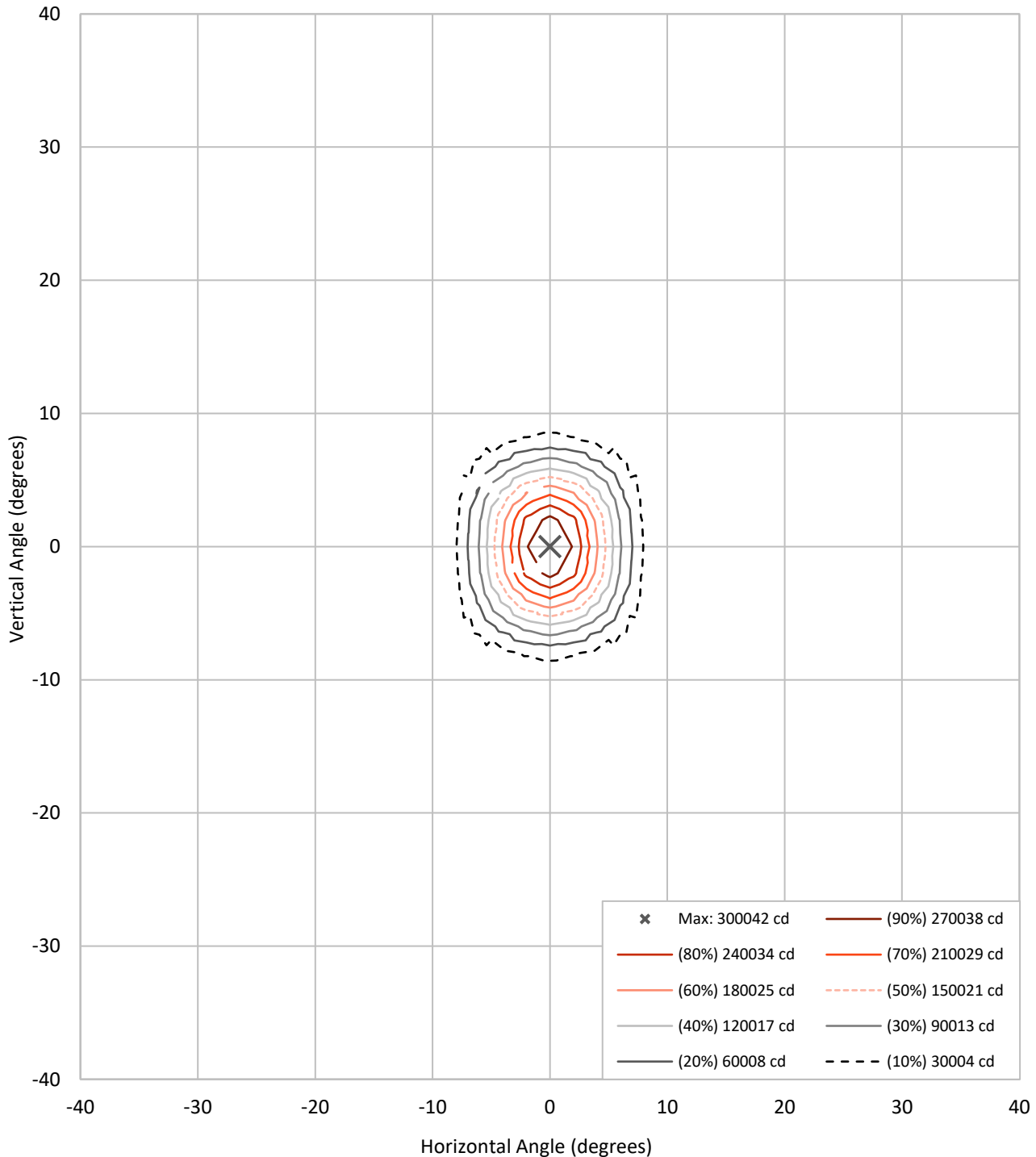
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11684.2 lumens	Max Intensity:	300042 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5008.1 lumens	Field Lumens:	8631.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 154
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





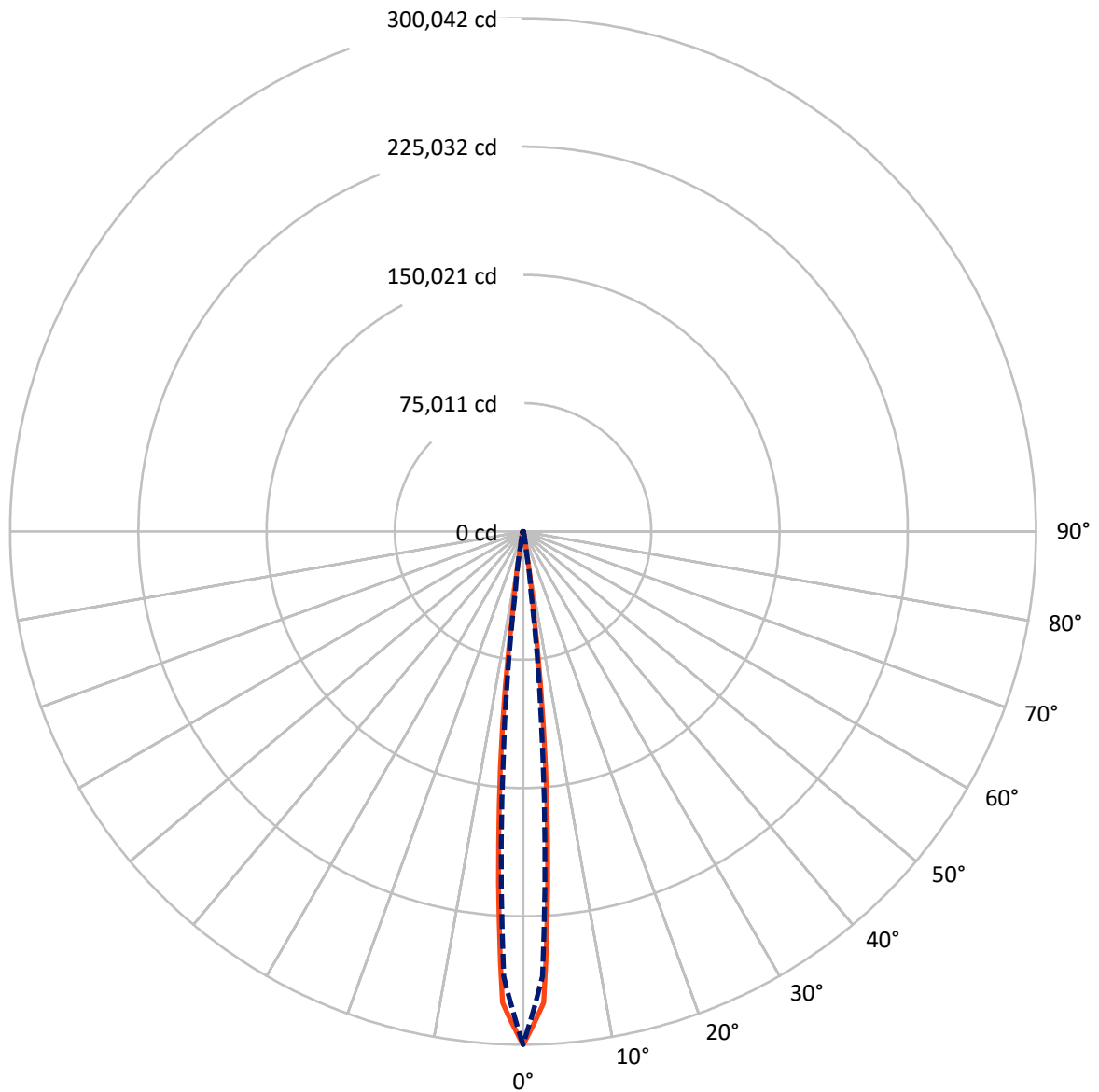
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Lumen Table

90	0.1	0.3		1.2		2.8		4.8		2.8		1.2		0.3		0.1			
80	0.1	0.3		1.2		2.8		4.8		2.8		1.2		0.3		0.1			
70	0.2	0.2	0.6	1.3	2.0	2.6	4.1	7.3	7.3	4.1	2.6	2.0	1.3	0.6	0.2	0.2			
60		0.5	1.2	2.4	3.8	5.2	7.0	9.4	9.4	7.0	5.2	3.8	2.4	1.2	0.5				
50	0.6	0.8	1.8	3.8	6.6	9.9	12.7	15.2	15.2	12.7	9.9	6.6	3.8	1.8	0.8	0.6			
40		1.3	2.6	5.7	10.3	13.8	15.7	16.6	16.6	15.7	13.8	10.3	5.7	2.6	1.3				
30	1.2	1.9	3.6	8.0	12.6	15.0	20.5	27.0	27.0	20.5	15.0	12.6	8.0	3.6	1.9	1.2			
20		2.5	5.0	10.2	13.9	19.8	40.2	80.2	80.2	40.2	19.8	13.9	10.2	5.0	2.5				
10	1.4	2.9	6.0	11.3	14.5	25.4	79.4	2347.5	2347.5	79.4	25.4	14.5	11.3	6.0	2.9	1.4			
0		2.9	6.0	11.3	14.5	25.4	79.4	2347.5	2347.5	79.4	25.4	14.5	11.3	6.0	2.9				
-10	1.2	2.5	5.0	10.2	13.9	19.8	40.2	80.2	80.2	40.2	19.8	13.9	10.2	5.0	2.5	1.2			
-20		1.9	3.6	8.0	12.6	15.0	20.5	27.0	27.0	20.5	15.0	12.6	8.0	3.6	1.9				
-30	0.6	1.3	2.6	5.7	10.3	13.8	15.7	16.6	16.6	15.7	13.8	10.3	5.7	2.6	1.3	0.6			
-40		0.8	1.8	3.8	6.6	9.9	12.7	15.2	15.2	12.7	9.9	6.6	3.8	1.8	0.8				
-50	0.2	0.5	1.2	2.4	3.8	5.2	7.0	9.4	9.4	7.0	5.2	3.8	2.4	1.2	0.5	0.2			
-60		0.2	0.6	1.3	2.0	2.6	4.1	7.3	7.3	4.1	2.6	2.0	1.3	0.6	0.2				
-70	0.1	0.3		1.2		2.8		4.8		2.8		1.2		0.3		0.1			
-80		0.3		1.2		2.8		4.8		2.8		1.2		0.3					
-90	0.1	0.3		1.2		2.8		4.8		2.8		1.2		0.3		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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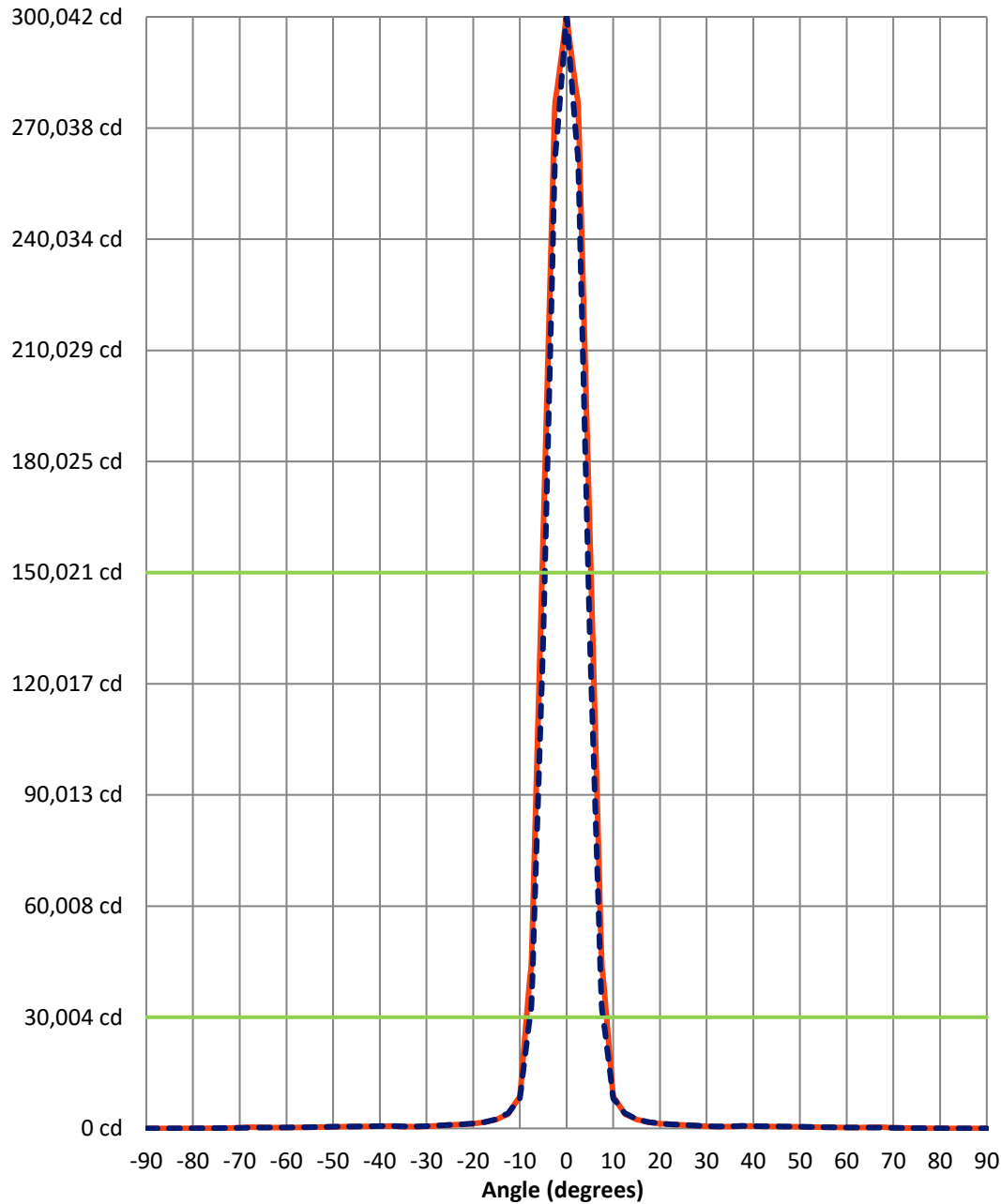
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 5008.1
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 8631.4
Efficiency: 73.9%

Spill:
Lumens: 3052.9
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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.4	3.4	3.4
80°	0.0	0.6	1.2	1.8	2.3	2.9	3.4	3.4	3.4	3.4	3.4
77.5°	0.0	0.7	1.5	2.2	2.9	3.4	3.4	3.4	3.4	3.4	3.7
75°	0.0	0.9	1.8	2.6	3.4	3.4	3.4	3.4	3.5	4.5	5.2
72.5°	0.0	1.0	2.0	3.1	3.4	3.4	3.4	3.8	5.0	6.0	6.7
70°	0.0	1.2	2.3	3.4	3.4	3.4	3.6	5.2	6.5	7.5	9.3
67.5°	0.0	1.3	2.6	3.4	3.4	3.4	4.8	6.5	8.0	10.3	12.3
65°	0.0	1.4	2.9	3.4	3.4	4.0	6.1	7.9	10.6	13.1	15.7
62.5°	0.0	1.6	3.1	3.4	3.4	5.1	7.4	10.0	13.2	16.2	20.1
60°	0.0	1.7	3.4	3.4	3.4	6.2	8.7	12.4	15.7	20.4	24.6
57.5°	0.0	1.8	3.4	3.4	4.3	7.3	10.9	14.8	19.4	24.7	29.7
55°	0.0	1.9	3.4	3.4	5.2	8.4	13.3	17.3	23.4	29.2	35.3
52.5°	0.0	2.1	3.5	3.4	6.1	9.7	15.7	21.1	27.4	34.5	40.9
50°	0.0	2.2	3.5	3.4	7.0	11.8	18.1	25.2	31.6	39.9	47.8
47.5°	0.0	2.3	3.6	3.6	7.8	14.0	20.8	29.4	36.6	45.3	55.0
45°	0.0	2.4	3.6	4.2	8.7	16.2	24.7	33.8	42.4	52.1	62.5
42.5°	0.0	2.5	3.7	4.8	9.5	18.4	28.5	38.8	48.5	59.1	71.3
40°	0.0	2.6	3.7	5.4	10.8	20.5	32.4	44.3	55.2	66.3	80.6
37.5°	0.0	2.7	3.8	6.0	12.5	22.7	36.4	49.9	62.9	75.5	90.2
35°	0.0	2.8	3.9	6.5	14.1	25.5	40.4	55.6	70.6	86.0	99.6
32.5°	0.0	2.9	3.9	7.0	15.7	28.6	44.6	61.4	78.4	97.0	111.3
30°	0.0	2.9	4.0	7.4	17.3	31.7	49.2	67.4	86.2	108.3	124.5
27.5°	0.0	3.0	4.1	7.7	18.3	34.7	53.8	73.9	94.7	120.0	139.1
25°	0.0	3.1	4.2	8.0	19.1	37.7	58.4	80.2	104.3	132.1	154.8
22.5°	0.0	3.1	4.3	8.3	19.7	40.0	62.8	86.5	113.9	144.9	168.1
20°	0.0	3.2	4.4	8.4	20.1	40.8	67.2	92.6	123.4	158.3	181.2
17.5°	0.0	3.2	4.5	8.6	20.4	41.3	69.4	98.5	132.7	171.9	194.1
15°	0.0	3.3	4.6	8.7	20.6	41.6	70.3	102.8	141.9	185.8	206.7
12.5°	0.0	3.3	4.7	8.7	20.6	41.5	70.8	105.0	147.8	199.7	219.0
10°	0.0	3.3	4.8	8.7	20.4	41.2	71.0	106.9	150.8	205.0	227.7
7.5°	0.0	3.4	4.9	8.7	20.2	40.7	70.8	108.6	153.0	208.2	229.3
5°	0.0	3.4	4.9	8.7	19.8	39.8	70.3	109.8	154.5	210.4	230.5
2.5°	0.0	3.4	5.0	8.6	19.4	38.8	69.5	110.6	155.3	211.5	231.5
0°	0.0	3.4	5.1	8.5	18.8	37.6	68.3	110.9	155.3	211.7	232.1
-2.5°	0.0	3.4	5.0	8.6	19.4	38.8	69.5	110.6	155.3	211.5	231.5
-5°	0.0	3.4	4.9	8.7	19.8	39.8	70.3	109.8	154.5	210.4	230.5
-7.5°	0.0	3.4	4.9	8.7	20.2	40.7	70.8	108.6	153.0	208.2	229.3
-10°	0.0	3.3	4.8	8.7	20.4	41.2	71.0	106.9	150.8	205.0	227.7
-12.5°	0.0	3.3	4.7	8.7	20.6	41.5	70.8	105.0	147.8	199.7	219.0
-15°	0.0	3.3	4.6	8.7	20.6	41.6	70.3	102.8	141.9	185.8	206.7
-17.5°	0.0	3.2	4.5	8.6	20.4	41.3	69.4	98.5	132.7	171.9	194.1
-20°	0.0	3.2	4.4	8.4	20.1	40.8	67.2	92.6	123.4	158.3	181.2



REPORT NUMBER: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-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	3.1	4.3	8.3	19.7	40.0	62.8	86.5	113.9	144.9	168.1
-25°	0.0	3.1	4.2	8.0	19.1	37.7	58.4	80.2	104.3	132.1	154.8
-27.5°	0.0	3.0	4.1	7.7	18.3	34.7	53.8	73.9	94.7	120.0	139.1
-30°	0.0	2.9	4.0	7.4	17.3	31.7	49.2	67.4	86.2	108.3	124.5
-32.5°	0.0	2.9	3.9	7.0	15.7	28.6	44.6	61.4	78.4	97.0	111.3
-35°	0.0	2.8	3.9	6.5	14.1	25.5	40.4	55.6	70.6	86.0	99.6
-37.5°	0.0	2.7	3.8	6.0	12.5	22.7	36.4	49.9	62.9	75.5	90.2
-40°	0.0	2.6	3.7	5.4	10.8	20.5	32.4	44.3	55.2	66.3	80.6
-42.5°	0.0	2.5	3.7	4.8	9.5	18.4	28.5	38.8	48.5	59.1	71.3
-45°	0.0	2.4	3.6	4.2	8.7	16.2	24.7	33.8	42.4	52.1	62.5
-47.5°	0.0	2.3	3.6	3.6	7.8	14.0	20.8	29.4	36.6	45.3	55.0
-50°	0.0	2.2	3.5	3.4	7.0	11.8	18.1	25.2	31.6	39.9	47.8
-52.5°	0.0	2.1	3.5	3.4	6.1	9.7	15.7	21.1	27.4	34.5	40.9
-55°	0.0	1.9	3.4	3.4	5.2	8.4	13.3	17.3	23.4	29.2	35.3
-57.5°	0.0	1.8	3.4	3.4	4.3	7.3	10.9	14.8	19.4	24.7	29.7
-60°	0.0	1.7	3.4	3.4	3.4	6.2	8.7	12.4	15.7	20.4	24.6
-62.5°	0.0	1.6	3.1	3.4	3.4	5.1	7.4	10.0	13.2	16.2	20.1
-65°	0.0	1.4	2.9	3.4	3.4	4.0	6.1	7.9	10.6	13.1	15.7
-67.5°	0.0	1.3	2.6	3.4	3.4	3.4	4.8	6.5	8.0	10.3	12.3
-70°	0.0	1.2	2.3	3.4	3.4	3.4	3.6	5.2	6.5	7.5	9.3
-72.5°	0.0	1.0	2.0	3.1	3.4	3.4	3.4	3.8	5.0	6.0	6.7
-75°	0.0	0.9	1.8	2.6	3.4	3.4	3.4	3.4	3.5	4.5	5.2
-77.5°	0.0	0.7	1.5	2.2	2.9	3.4	3.4	3.4	3.4	3.4	3.7
-80°	0.0	0.6	1.2	1.8	2.3	2.9	3.4	3.4	3.4	3.4	3.4
-82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.4	3.4	3.4
-85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	2.8	2.6	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
82.5°	3.2	3.0	2.9	2.9	3.1	3.3	3.5	3.8	4.1	4.4	4.7
80°	3.3	3.4	3.9	4.4	4.9	5.3	5.8	6.2	6.6	7.2	8.2
77.5°	4.4	5.0	5.7	6.3	7.0	8.4	9.5	10.5	11.7	13.0	14.5
75°	5.9	6.7	8.4	10.3	12.0	13.4	14.6	16.5	18.7	21.2	23.6
72.5°	8.2	10.3	12.5	15.0	17.8	20.2	22.5	24.8	28.4	32.5	35.5
70°	11.3	13.8	17.3	21.2	24.9	28.1	32.7	38.3	43.9	46.8	48.4
67.5°	14.6	18.6	22.9	27.5	32.7	38.0	44.4	50.5	56.2	58.5	60.6
65°	18.9	23.5	28.8	34.5	40.4	46.8	53.4	60.1	66.1	69.1	72.6
62.5°	23.3	28.8	34.9	41.3	47.8	54.7	62.7	69.5	74.6	80.8	88.0
60°	28.6	34.1	41.0	48.1	55.6	65.3	73.3	80.8	87.7	94.7	105.6
57.5°	34.2	39.5	47.2	55.6	65.9	76.9	86.0	94.2	103.7	113.7	124.6
55°	40.3	45.1	53.8	64.2	76.0	89.1	99.8	110.9	121.9	130.8	140.5
52.5°	47.3	51.7	60.8	72.7	86.5	101.1	115.4	127.0	137.2	147.0	158.0
50°	54.6	60.2	67.6	81.9	97.2	113.8	129.9	141.6	153.2	164.8	177.1
47.5°	63.2	69.4	75.6	91.0	108.3	125.3	142.1	156.9	169.8	185.2	199.4
45°	72.5	79.7	86.3	100.7	118.5	135.8	154.4	172.3	190.4	208.5	231.2
42.5°	82.3	90.2	98.7	109.8	127.6	146.8	166.6	190.5	213.4	238.7	268.2
40°	91.8	100.6	110.8	120.8	136.5	157.9	182.2	208.9	241.3	274.0	309.7
37.5°	101.1	111.3	122.2	132.6	146.5	170.6	197.3	231.5	270.5	311.8	357.2
35°	110.3	121.5	132.6	144.9	160.5	183.9	216.9	255.6	302.4	354.6	396.2
32.5°	119.2	131.3	142.6	157.4	176.7	200.6	235.8	284.5	338.4	391.4	419.2
30°	130.4	140.1	152.5	169.2	192.5	222.9	261.0	313.6	374.9	411.1	436.9
27.5°	145.4	148.9	162.8	182.4	208.7	244.8	292.2	346.8	397.6	429.3	452.4
25°	160.1	163.7	172.5	195.7	228.1	270.8	324.0	386.2	416.4	443.2	470.0
22.5°	174.2	178.0	189.1	208.3	246.9	297.1	359.0	413.5	442.2	459.3	488.4
20°	187.4	193.3	207.0	229.2	266.2	322.1	393.0	438.8	466.2	486.7	513.5
17.5°	200.2	208.3	225.1	252.0	293.3	350.2	424.0	464.0	490.7	510.5	543.7
15°	212.5	222.9	242.5	273.4	318.6	380.3	444.6	484.7	513.4	532.9	571.7
12.5°	224.5	237.1	259.1	293.3	341.4	406.5	462.1	498.1	526.7	556.5	596.6
10°	236.1	250.9	274.9	311.7	361.8	429.1	476.8	508.8	537.4	575.3	617.1
7.5°	237.8	257.8	287.9	328.6	379.8	448.3	488.8	517.2	548.2	592.6	635.7
5°	237.9	257.3	288.9	333.0	388.4	459.6	497.2	523.5	558.7	607.9	652.3
2.5°	237.7	256.1	289.1	334.4	390.6	460.8	498.4	525.1	564.7	623.0	667.5
0°	237.3	254.3	288.5	334.5	390.9	459.2	498.4	525.7	568.4	636.7	681.0
-2.5°	237.7	256.1	289.1	334.4	390.6	460.8	498.4	525.1	564.7	623.0	667.5
-5°	237.9	257.3	288.9	333.0	388.4	459.6	497.2	523.5	558.7	607.9	652.3
-7.5°	237.8	257.8	287.9	328.6	379.8	448.3	488.8	517.2	548.2	592.6	635.7
-10°	236.1	250.9	274.9	311.7	361.8	429.1	476.8	508.8	537.4	575.3	617.1
-12.5°	224.5	237.1	259.1	293.3	341.4	406.5	462.1	498.1	526.7	556.5	596.6
-15°	212.5	222.9	242.5	273.4	318.6	380.3	444.6	484.7	513.4	532.9	571.7
-17.5°	200.2	208.3	225.1	252.0	293.3	350.2	424.0	464.0	490.7	510.5	543.7
-20°	187.4	193.3	207.0	229.2	266.2	322.1	393.0	438.8	466.2	486.7	513.5



REPORT NUMBER: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-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°	174.2	178.0	189.1	208.3	246.9	297.1	359.0	413.5	442.2	459.3	488.4
-25°	160.1	163.7	172.5	195.7	228.1	270.8	324.0	386.2	416.4	443.2	470.0
-27.5°	145.4	148.9	162.8	182.4	208.7	244.8	292.2	346.8	397.6	429.3	452.4
-30°	130.4	140.1	152.5	169.2	192.5	222.9	261.0	313.6	374.9	411.1	436.9
-32.5°	119.2	131.3	142.6	157.4	176.7	200.6	235.8	284.5	338.4	391.4	419.2
-35°	110.3	121.5	132.6	144.9	160.5	183.9	216.9	255.6	302.4	354.6	396.2
-37.5°	101.1	111.3	122.2	132.6	146.5	170.6	197.3	231.5	270.5	311.8	357.2
-40°	91.8	100.6	110.8	120.8	136.5	157.9	182.2	208.9	241.3	274.0	309.7
-42.5°	82.3	90.2	98.7	109.8	127.6	146.8	166.6	190.5	213.4	238.7	268.2
-45°	72.5	79.7	86.3	100.7	118.5	135.8	154.4	172.3	190.4	208.5	231.2
-47.5°	63.2	69.4	75.6	91.0	108.3	125.3	142.1	156.9	169.8	185.2	199.4
-50°	54.6	60.2	67.6	81.9	97.2	113.8	129.9	141.6	153.2	164.8	177.1
-52.5°	47.3	51.7	60.8	72.7	86.5	101.1	115.4	127.0	137.2	147.0	158.0
-55°	40.3	45.1	53.8	64.2	76.0	89.1	99.8	110.9	121.9	130.8	140.5
-57.5°	34.2	39.5	47.2	55.6	65.9	76.9	86.0	94.2	103.7	113.7	124.6
-60°	28.6	34.1	41.0	48.1	55.6	65.3	73.3	80.8	87.7	94.7	105.6
-62.5°	23.3	28.8	34.9	41.3	47.8	54.7	62.7	69.5	74.6	80.8	88.0
-65°	18.9	23.5	28.8	34.5	40.4	46.8	53.4	60.1	66.1	69.1	72.6
-67.5°	14.6	18.6	22.9	27.5	32.7	38.0	44.4	50.5	56.2	58.5	60.6
-70°	11.3	13.8	17.3	21.2	24.9	28.1	32.7	38.3	43.9	46.8	48.4
-72.5°	8.2	10.3	12.5	15.0	17.8	20.2	22.5	24.8	28.4	32.5	35.5
-75°	5.9	6.7	8.4	10.3	12.0	13.4	14.6	16.5	18.7	21.2	23.6
-77.5°	4.4	5.0	5.7	6.3	7.0	8.4	9.5	10.5	11.7	13.0	14.5
-80°	3.3	3.4	3.9	4.4	4.9	5.3	5.8	6.2	6.6	7.2	8.2
-82.5°	3.2	3.0	2.9	2.9	3.1	3.3	3.5	3.8	4.1	4.4	4.7
-85°	2.8	2.6	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
-87.5°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559033 (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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
82.5°	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.6
80°	9.1	9.8	10.4	10.8	11.1	12.4	13.8	15.4	17.1	17.7	18.1
77.5°	16.3	17.5	18.2	18.8	19.2	21.8	25.3	28.8	32.5	34.4	36.0
75°	25.9	27.3	28.2	28.9	29.3	33.4	39.4	45.8	52.3	55.8	58.3
72.5°	37.5	38.7	39.6	40.4	40.9	46.9	57.8	69.7	82.4	90.1	95.7
70°	49.9	51.3	52.4	53.3	54.0	61.2	77.1	93.7	110.8	128.0	146.3
67.5°	63.1	65.9	67.5	68.3	69.2	75.4	92.3	107.8	122.3	153.3	202.1
65°	77.5	84.1	86.8	88.4	88.9	91.7	106.2	119.2	131.0	155.2	192.5
62.5°	95.9	104.5	108.5	110.3	111.3	111.5	123.3	134.3	144.3	159.4	183.1
60°	115.6	125.0	129.9	131.3	132.1	132.5	141.9	152.7	162.7	175.0	197.1
57.5°	133.8	142.5	149.8	152.7	154.9	156.5	164.8	177.5	189.4	201.7	225.5
55°	151.1	161.7	171.8	177.4	182.6	187.2	195.4	211.4	226.7	241.0	265.7
52.5°	169.9	183.5	197.0	207.1	217.0	225.7	234.5	255.2	275.6	294.8	318.8
50°	192.4	209.2	228.9	245.4	259.6	273.6	286.2	310.8	338.4	364.6	389.8
47.5°	220.9	243.1	268.2	291.8	311.1	332.8	352.5	377.7	402.1	426.5	447.4
45°	255.9	286.7	315.6	346.9	374.4	388.8	400.3	416.0	441.1	465.0	484.5
42.5°	300.7	336.5	372.1	395.4	413.1	424.8	433.1	441.4	467.7	490.8	509.6
40°	350.5	386.5	408.4	427.5	439.8	450.2	463.2	476.1	496.7	520.4	541.4
37.5°	393.7	416.8	436.1	451.1	465.9	479.8	498.5	516.9	536.5	563.1	582.6
35°	420.3	440.6	460.2	479.0	498.0	519.3	542.7	569.8	593.8	571.9	540.3
32.5°	440.6	461.4	485.1	514.1	540.3	569.3	598.6	551.4	503.0	484.1	488.0
30°	458.2	482.4	515.1	553.0	589.3	576.3	511.9	489.3	495.9	509.2	534.7
27.5°	477.2	507.3	547.0	593.7	565.1	493.7	497.4	510.5	554.7	592.2	649.2
25°	499.6	536.0	585.2	563.7	498.3	505.0	538.1	588.1	672.2	750.8	819.4
22.5°	526.6	572.9	579.3	498.4	507.3	550.5	617.6	725.7	828.0	922.9	993.8
20°	554.0	607.4	525.2	508.1	546.1	623.4	748.0	872.1	986.2	1071.2	1142.1
17.5°	586.8	567.9	509.8	528.1	604.9	738.3	878.6	1010.1	1117.8	1264.5	1389.5
15°	615.5	529.9	519.2	579.3	694.9	845.0	997.4	1115.6	1310.1	1520.4	1733.1
12.5°	599.0	516.5	535.8	624.9	776.8	939.1	1073.9	1260.9	1518.3	1825.4	2287.1
10°	574.6	524.1	571.4	687.9	847.0	1005.1	1145.1	1390.2	1729.9	2294.1	3021.0
7.5°	555.7	527.3	595.0	736.4	899.2	1044.9	1231.5	1528.8	2002.3	2776.4	4323.9
5°	541.4	527.2	605.8	764.4	930.1	1072.4	1284.9	1629.6	2269.3	3372.0	6016.6
2.5°	535.1	524.4	608.8	779.5	945.2	1087.7	1318.1	1702.1	2437.7	3925.4	7911.4
0°	539.4	518.9	607.6	785.2	954.1	1085.6	1322.8	1723.9	2488.6	4129.8	8165.7
-2.5°	535.1	524.4	608.8	779.5	945.2	1087.7	1318.1	1702.1	2437.7	3925.4	7911.4
-5°	541.4	527.2	605.8	764.4	930.1	1072.4	1284.9	1629.6	2269.3	3372.0	6016.6
-7.5°	555.7	527.3	595.0	736.4	899.2	1044.9	1231.5	1528.8	2002.3	2776.4	4323.9
-10°	574.6	524.1	571.4	687.9	847.0	1005.1	1145.1	1390.2	1729.9	2294.1	3021.0
-12.5°	599.0	516.5	535.8	624.9	776.8	939.1	1073.9	1260.9	1518.3	1825.4	2287.1
-15°	615.5	529.9	519.2	579.3	694.9	845.0	997.4	1115.6	1310.1	1520.4	1733.1
-17.5°	586.8	567.9	509.8	528.1	604.9	738.3	878.6	1010.1	1117.8	1264.5	1389.5
-20°	554.0	607.4	525.2	508.1	546.1	623.4	748.0	872.1	986.2	1071.2	1142.1



REPORT NUMBER: P559033 (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°	526.6	572.9	579.3	498.4	507.3	550.5	617.6	725.7	828.0	922.9	993.8
-25°	499.6	536.0	585.2	563.7	498.3	505.0	538.1	588.1	672.2	750.8	819.4
-27.5°	477.2	507.3	547.0	593.7	565.1	493.7	497.4	510.5	554.7	592.2	649.2
-30°	458.2	482.4	515.1	553.0	589.3	576.3	511.9	489.3	495.9	509.2	534.7
-32.5°	440.6	461.4	485.1	514.1	540.3	569.3	598.6	551.4	503.0	484.1	488.0
-35°	420.3	440.6	460.2	479.0	498.0	519.3	542.7	569.8	593.8	571.9	540.3
-37.5°	393.7	416.8	436.1	451.1	465.9	479.8	498.5	516.9	536.5	563.1	582.6
-40°	350.5	386.5	408.4	427.5	439.8	450.2	463.2	476.1	496.7	520.4	541.4
-42.5°	300.7	336.5	372.1	395.4	413.1	424.8	433.1	441.4	467.7	490.8	509.6
-45°	255.9	286.7	315.6	346.9	374.4	388.8	400.3	416.0	441.1	465.0	484.5
-47.5°	220.9	243.1	268.2	291.8	311.1	332.8	352.5	377.7	402.1	426.5	447.4
-50°	192.4	209.2	228.9	245.4	259.6	273.6	286.2	310.8	338.4	364.6	389.8
-52.5°	169.9	183.5	197.0	207.1	217.0	225.7	234.5	255.2	275.6	294.8	318.8
-55°	151.1	161.7	171.8	177.4	182.6	187.2	195.4	211.4	226.7	241.0	265.7
-57.5°	133.8	142.5	149.8	152.7	154.9	156.5	164.8	177.5	189.4	201.7	225.5
-60°	115.6	125.0	129.9	131.3	132.1	132.5	141.9	152.7	162.7	175.0	197.1
-62.5°	95.9	104.5	108.5	110.3	111.3	111.5	123.3	134.3	144.3	159.4	183.1
-65°	77.5	84.1	86.8	88.4	88.9	91.7	106.2	119.2	131.0	155.2	192.5
-67.5°	63.1	65.9	67.5	68.3	69.2	75.4	92.3	107.8	122.3	153.3	202.1
-70°	49.9	51.3	52.4	53.3	54.0	61.2	77.1	93.7	110.8	128.0	146.3
-72.5°	37.5	38.7	39.6	40.4	40.9	46.9	57.8	69.7	82.4	90.1	95.7
-75°	25.9	27.3	28.2	28.9	29.3	33.4	39.4	45.8	52.3	55.8	58.3
-77.5°	16.3	17.5	18.2	18.8	19.2	21.8	25.3	28.8	32.5	34.4	36.0
-80°	9.1	9.8	10.4	10.8	11.1	12.4	13.8	15.4	17.1	17.7	18.1
-82.5°	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.6	6.6
-85°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.6	6.5	6.3
80°	18.4	18.6	17.9	17.1	17.9	18.6	18.4	18.1	17.7	17.1	15.4
77.5°	37.5	38.9	37.5	35.8	37.5	38.9	37.5	36.0	34.4	32.5	28.8
75°	60.5	62.6	61.4	59.7	61.4	62.6	60.5	58.3	55.8	52.3	45.8
72.5°	101.0	106.0	104.8	102.4	104.8	106.0	101.0	95.7	90.1	82.4	69.7
70°	165.4	184.9	184.0	179.2	184.0	184.9	165.4	146.3	128.0	110.8	93.7
67.5°	255.0	310.1	327.6	336.3	327.6	310.1	255.0	202.1	153.3	122.3	107.8
65°	227.2	260.4	273.6	283.3	273.6	260.4	227.2	192.5	155.2	131.0	119.2
62.5°	204.3	224.0	228.3	228.7	228.3	224.0	204.3	183.1	159.4	144.3	134.3
60°	218.6	239.6	242.7	239.0	242.7	239.6	218.6	197.1	175.0	162.7	152.7
57.5°	248.3	270.3	274.3	269.7	274.3	270.3	248.3	225.5	201.7	189.4	177.5
55°	289.4	311.5	318.9	317.5	318.9	311.5	289.4	265.7	241.0	226.7	211.4
52.5°	341.7	362.2	370.6	370.4	370.6	362.2	341.7	318.8	294.8	275.6	255.2
50°	411.8	430.1	439.1	440.4	439.1	430.1	411.8	389.8	364.6	338.4	310.8
47.5°	462.3	474.2	480.5	481.3	480.5	474.2	462.3	447.4	426.5	402.1	377.7
45°	493.2	499.6	504.5	508.6	504.5	499.6	493.2	484.5	465.0	441.1	416.0
42.5°	522.3	535.7	545.6	547.9	545.6	535.7	522.3	509.6	490.8	467.7	441.4
40°	561.3	579.8	597.6	616.2	597.6	579.8	561.3	541.4	520.4	496.7	476.1
37.5°	602.9	623.5	640.7	650.3	640.7	623.5	602.9	582.6	563.1	536.5	516.9
35°	518.1	504.5	496.5	493.3	496.5	504.5	518.1	540.3	571.9	593.8	569.8
32.5°	490.3	491.3	489.7	486.5	489.7	491.3	490.3	488.0	484.1	503.0	551.4
30°	553.7	562.7	563.8	563.3	563.8	562.7	553.7	534.7	509.2	495.9	489.3
27.5°	691.2	714.3	721.4	735.7	721.4	714.3	691.2	649.2	592.2	554.7	510.5
25°	872.6	907.4	924.1	930.2	924.1	907.4	872.6	819.4	750.8	672.2	588.1
22.5°	1033.8	1060.3	1075.9	1089.0	1075.9	1060.3	1033.8	993.8	922.9	828.0	725.7
20°	1224.8	1273.3	1295.5	1297.2	1295.5	1273.3	1224.8	1142.1	1071.2	986.2	872.1
17.5°	1523.0	1617.4	1664.6	1677.9	1664.6	1617.4	1523.0	1389.5	1264.5	1117.8	1010.1
15°	1993.5	2234.4	2358.4	2416.9	2358.4	2234.4	1993.5	1733.1	1520.4	1310.1	1115.6
12.5°	2761.0	3304.2	3743.4	3908.8	3743.4	3304.2	2761.0	2287.1	1825.4	1518.3	1260.9
10°	4281.7	5903.8	7798.8	8682.9	7798.8	5903.8	4281.7	3021.0	2294.1	1729.9	1390.2
7.5°	8283.3	19232.4	37275.6	45882.6	37275.6	19232.4	8283.3	4323.9	2776.4	2002.3	1528.8
5°	17656.1	76198.5	136461.9	160286.1	136461.9	76198.5	17656.1	6016.6	3372.0	2269.3	1629.6
2.5°	28122.5	124975.4	235808.5	275729.2	235808.5	124975.4	28122.5	7911.4	3925.4	2437.7	1702.1
0°	33600.7	131701.1	260209.4	300042.0	260209.4	131701.1	33600.7	8165.7	4129.8	2488.6	1723.9
-2.5°	28122.5	124975.4	235808.5	275729.1	235808.5	124975.4	28122.5	7911.4	3925.4	2437.7	1702.1
-5°	17656.1	76198.5	136461.9	160286.1	136461.9	76198.5	17656.1	6016.6	3372.0	2269.3	1629.6
-7.5°	8283.3	19232.4	37275.6	45882.6	37275.6	19232.4	8283.3	4323.9	2776.4	2002.3	1528.8
-10°	4281.7	5903.8	7798.8	8682.9	7798.8	5903.8	4281.7	3021.0	2294.1	1729.9	1390.2
-12.5°	2761.0	3304.2	3743.4	3908.8	3743.4	3304.2	2761.0	2287.1	1825.4	1518.3	1260.9
-15°	1993.5	2234.4	2358.4	2416.9	2358.4	2234.4	1993.5	1733.1	1520.4	1310.1	1115.6
-17.5°	1523.0	1617.4	1664.6	1677.9	1664.6	1617.4	1523.0	1389.5	1264.5	1117.8	1010.1
-20°	1224.8	1273.3	1295.5	1297.2	1295.5	1273.3	1224.8	1142.1	1071.2	986.2	872.1



REPORT NUMBER: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-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°	1033.8	1060.3	1075.9	1089.0	1075.9	1060.3	1033.8	993.8	922.9	828.0	725.7
-25°	872.6	907.4	924.1	930.2	924.1	907.4	872.6	819.4	750.8	672.2	588.1
-27.5°	691.2	714.3	721.4	735.7	721.4	714.3	691.2	649.2	592.2	554.7	510.5
-30°	553.7	562.7	563.8	563.3	563.8	562.7	553.7	534.7	509.2	495.9	489.3
-32.5°	490.3	491.3	489.7	486.5	489.7	491.3	490.3	488.0	484.1	503.0	551.4
-35°	518.1	504.5	496.5	493.3	496.5	504.5	518.1	540.3	571.9	593.8	569.8
-37.5°	602.9	623.5	640.7	650.3	640.7	623.5	602.9	582.6	563.1	536.5	516.9
-40°	561.3	579.8	597.6	616.2	597.6	579.8	561.3	541.4	520.4	496.7	476.1
-42.5°	522.3	535.7	545.6	547.9	545.6	535.7	522.3	509.6	490.8	467.7	441.4
-45°	493.2	499.6	504.5	508.6	504.5	499.6	493.2	484.5	465.0	441.1	416.0
-47.5°	462.3	474.2	480.5	481.3	480.5	474.2	462.3	447.4	426.5	402.1	377.7
-50°	411.8	430.1	439.1	440.4	439.1	430.1	411.8	389.8	364.6	338.4	310.8
-52.5°	341.7	362.2	370.6	370.4	370.6	362.2	341.7	318.8	294.8	275.6	255.2
-55°	289.4	311.5	318.9	317.5	318.9	311.5	289.4	265.7	241.0	226.7	211.4
-57.5°	248.3	270.3	274.3	269.7	274.3	270.3	248.3	225.5	201.7	189.4	177.5
-60°	218.6	239.6	242.7	239.0	242.7	239.6	218.6	197.1	175.0	162.7	152.7
-62.5°	204.3	224.0	228.3	228.7	228.3	224.0	204.3	183.1	159.4	144.3	134.3
-65°	227.2	260.4	273.6	283.3	273.6	260.4	227.2	192.5	155.2	131.0	119.2
-67.5°	255.0	310.1	327.6	336.3	327.6	310.1	255.0	202.1	153.3	122.3	107.8
-70°	165.4	184.9	184.0	179.2	184.0	184.9	165.4	146.3	128.0	110.8	93.7
-72.5°	101.0	106.0	104.8	102.4	104.8	106.0	101.0	95.7	90.1	82.4	69.7
-75°	60.5	62.6	61.4	59.7	61.4	62.6	60.5	58.3	55.8	52.3	45.8
-77.5°	37.5	38.9	37.5	35.8	37.5	38.9	37.5	36.0	34.4	32.5	28.8
-80°	18.4	18.6	17.9	17.1	17.9	18.6	18.4	18.1	17.7	17.1	15.4
-82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.6	6.5	6.3
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
82.5°	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8
80°	13.8	12.4	11.1	10.8	10.4	9.8	9.1	8.2	7.2	6.6	6.2
77.5°	25.3	21.8	19.2	18.8	18.2	17.5	16.3	14.5	13.0	11.7	10.5
75°	39.4	33.4	29.3	28.9	28.2	27.3	25.9	23.6	21.2	18.7	16.5
72.5°	57.8	46.9	40.9	40.4	39.6	38.7	37.5	35.5	32.5	28.4	24.8
70°	77.1	61.2	54.0	53.3	52.4	51.3	49.9	48.4	46.8	43.9	38.3
67.5°	92.3	75.4	69.2	68.3	67.5	65.9	63.1	60.6	58.5	56.2	50.5
65°	106.2	91.7	88.9	88.4	86.8	84.1	77.5	72.6	69.1	66.1	60.1
62.5°	123.3	111.5	111.3	110.3	108.5	104.5	95.9	88.0	80.8	74.6	69.5
60°	141.9	132.5	132.1	131.3	129.9	125.0	115.6	105.6	94.7	87.7	80.8
57.5°	164.8	156.5	154.9	152.7	149.8	142.5	133.8	124.6	113.7	103.7	94.2
55°	195.4	187.2	182.6	177.4	171.8	161.7	151.1	140.5	130.8	121.9	110.9
52.5°	234.5	225.7	217.0	207.1	197.0	183.5	169.9	158.0	147.0	137.2	127.0
50°	286.2	273.6	259.6	245.4	228.9	209.2	192.4	177.1	164.8	153.2	141.6
47.5°	352.5	332.8	311.1	291.8	268.2	243.1	220.9	199.4	185.2	169.8	156.9
45°	400.3	388.8	374.4	346.9	315.6	286.7	255.9	231.2	208.5	190.4	172.3
42.5°	433.1	424.8	413.1	395.4	372.1	336.5	300.7	268.2	238.7	213.4	190.5
40°	463.2	450.2	439.8	427.5	408.4	386.5	350.5	309.7	274.0	241.3	208.9
37.5°	498.5	479.8	465.9	451.1	436.1	416.8	393.7	357.2	311.8	270.5	231.5
35°	542.7	519.3	498.0	479.0	460.2	440.6	420.3	396.2	354.6	302.4	255.6
32.5°	598.6	569.3	540.3	514.1	485.1	461.4	440.6	419.2	391.4	338.4	284.5
30°	511.9	576.3	589.3	553.0	515.1	482.4	458.2	436.9	411.1	374.9	313.6
27.5°	497.4	493.7	565.1	593.7	547.0	507.3	477.2	452.4	429.3	397.6	346.8
25°	538.1	505.0	498.3	563.7	585.2	536.0	499.6	470.0	443.2	416.4	386.2
22.5°	617.6	550.5	507.3	498.4	579.3	572.9	526.6	488.4	459.3	442.2	413.5
20°	748.0	623.4	546.1	508.1	525.2	607.4	554.0	513.5	486.7	466.2	438.8
17.5°	878.6	738.3	604.9	528.1	509.8	567.9	586.8	543.7	510.5	490.7	464.0
15°	997.4	845.0	694.9	579.3	519.2	529.9	615.5	571.7	532.9	513.4	484.7
12.5°	1073.9	939.1	776.8	624.9	535.8	516.5	599.0	596.6	556.5	526.7	498.1
10°	1145.1	1005.1	847.0	687.9	571.4	524.1	574.6	617.1	575.3	537.4	508.8
7.5°	1231.5	1044.9	899.2	736.4	595.0	527.3	555.7	635.7	592.6	548.2	517.2
5°	1284.9	1072.4	930.1	764.4	605.8	527.2	541.4	652.3	607.9	558.7	523.5
2.5°	1318.1	1087.7	945.2	779.5	608.8	524.4	535.1	667.5	623.0	564.7	525.1
0°	1322.8	1085.6	954.1	785.2	607.6	518.9	539.4	681.0	636.7	568.4	525.7
-2.5°	1318.1	1087.7	945.2	779.5	608.8	524.4	535.1	667.5	623.0	564.7	525.1
-5°	1284.9	1072.4	930.1	764.4	605.8	527.2	541.4	652.3	607.9	558.7	523.5
-7.5°	1231.5	1044.9	899.2	736.4	595.0	527.3	555.7	635.7	592.6	548.2	517.2
-10°	1145.1	1005.1	847.0	687.9	571.4	524.1	574.6	617.1	575.3	537.4	508.8
-12.5°	1073.9	939.1	776.8	624.9	535.8	516.5	599.0	596.6	556.5	526.7	498.1
-15°	997.4	845.0	694.9	579.3	519.2	529.9	615.5	571.7	532.9	513.4	484.7
-17.5°	878.6	738.3	604.9	528.1	509.8	567.9	586.8	543.7	510.5	490.7	464.0
-20°	748.0	623.4	546.1	508.1	525.2	607.4	554.0	513.5	486.7	466.2	438.8



REPORT NUMBER: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	617.6	550.5	507.3	498.4	579.3	572.9	526.6	488.4	459.3	442.2	413.5
-25°	538.1	505.0	498.3	563.7	585.2	536.0	499.6	470.0	443.2	416.4	386.2
-27.5°	497.4	493.7	565.1	593.7	547.0	507.3	477.2	452.4	429.3	397.6	346.8
-30°	511.9	576.3	589.3	553.0	515.1	482.4	458.2	436.9	411.1	374.9	313.6
-32.5°	598.6	569.3	540.3	514.1	485.1	461.4	440.6	419.2	391.4	338.4	284.5
-35°	542.7	519.3	498.0	479.0	460.2	440.6	420.3	396.2	354.6	302.4	255.6
-37.5°	498.5	479.8	465.9	451.1	436.1	416.8	393.7	357.2	311.8	270.5	231.5
-40°	463.2	450.2	439.8	427.5	408.4	386.5	350.5	309.7	274.0	241.3	208.9
-42.5°	433.1	424.8	413.1	395.4	372.1	336.5	300.7	268.2	238.7	213.4	190.5
-45°	400.3	388.8	374.4	346.9	315.6	286.7	255.9	231.2	208.5	190.4	172.3
-47.5°	352.5	332.8	311.1	291.8	268.2	243.1	220.9	199.4	185.2	169.8	156.9
-50°	286.2	273.6	259.6	245.4	228.9	209.2	192.4	177.1	164.8	153.2	141.6
-52.5°	234.5	225.7	217.0	207.1	197.0	183.5	169.9	158.0	147.0	137.2	127.0
-55°	195.4	187.2	182.6	177.4	171.8	161.7	151.1	140.5	130.8	121.9	110.9
-57.5°	164.8	156.5	154.9	152.7	149.8	142.5	133.8	124.6	113.7	103.7	94.2
-60°	141.9	132.5	132.1	131.3	129.9	125.0	115.6	105.6	94.7	87.7	80.8
-62.5°	123.3	111.5	111.3	110.3	108.5	104.5	95.9	88.0	80.8	74.6	69.5
-65°	106.2	91.7	88.9	88.4	86.8	84.1	77.5	72.6	69.1	66.1	60.1
-67.5°	92.3	75.4	69.2	68.3	67.5	65.9	63.1	60.6	58.5	56.2	50.5
-70°	77.1	61.2	54.0	53.3	52.4	51.3	49.9	48.4	46.8	43.9	38.3
-72.5°	57.8	46.9	40.9	40.4	39.6	38.7	37.5	35.5	32.5	28.4	24.8
-75°	39.4	33.4	29.3	28.9	28.2	27.3	25.9	23.6	21.2	18.7	16.5
-77.5°	25.3	21.8	19.2	18.8	18.2	17.5	16.3	14.5	13.0	11.7	10.5
-80°	13.8	12.4	11.1	10.8	10.4	9.8	9.1	8.2	7.2	6.6	6.2
-82.5°	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.4	4.1	3.8
-85°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
-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: P559033 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-940-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°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.4	1.3	1.2	1.0
85°	2.3	2.2	2.1	2.0	2.2	2.6	2.8	2.9	2.6	2.3	2.0
82.5°	3.5	3.3	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.1
80°	5.8	5.3	4.9	4.4	3.9	3.4	3.3	3.4	3.4	3.4	3.4
77.5°	9.5	8.4	7.0	6.3	5.7	5.0	4.4	3.7	3.4	3.4	3.4
75°	14.6	13.4	12.0	10.3	8.4	6.7	5.9	5.2	4.5	3.5	3.4
72.5°	22.5	20.2	17.8	15.0	12.5	10.3	8.2	6.7	6.0	5.0	3.8
70°	32.7	28.1	24.9	21.2	17.3	13.8	11.3	9.3	7.5	6.5	5.2
67.5°	44.4	38.0	32.7	27.5	22.9	18.6	14.6	12.3	10.3	8.0	6.5
65°	53.4	46.8	40.4	34.5	28.8	23.5	18.9	15.7	13.1	10.6	7.9
62.5°	62.7	54.7	47.8	41.3	34.9	28.8	23.3	20.1	16.2	13.2	10.0
60°	73.3	65.3	55.6	48.1	41.0	34.1	28.6	24.6	20.4	15.7	12.4
57.5°	86.0	76.9	65.9	55.6	47.2	39.5	34.2	29.7	24.7	19.4	14.8
55°	99.8	89.1	76.0	64.2	53.8	45.1	40.3	35.3	29.2	23.4	17.3
52.5°	115.4	101.1	86.5	72.7	60.8	51.7	47.3	40.9	34.5	27.4	21.1
50°	129.9	113.8	97.2	81.9	67.6	60.2	54.6	47.8	39.9	31.6	25.2
47.5°	142.1	125.3	108.3	91.0	75.6	69.4	63.2	55.0	45.3	36.6	29.4
45°	154.4	135.8	118.5	100.7	86.3	79.7	72.5	62.5	52.1	42.4	33.8
42.5°	166.6	146.8	127.6	109.8	98.7	90.2	82.3	71.3	59.1	48.5	38.8
40°	182.2	157.9	136.5	120.8	110.8	100.6	91.8	80.6	66.3	55.2	44.3
37.5°	197.3	170.6	146.5	132.6	122.2	111.3	101.1	90.2	75.5	62.9	49.9
35°	216.9	183.9	160.5	144.9	132.6	121.5	110.3	99.6	86.0	70.6	55.6
32.5°	235.8	200.6	176.7	157.4	142.6	131.3	119.2	111.3	97.0	78.4	61.4
30°	261.0	222.9	192.5	169.2	152.5	140.1	130.4	124.5	108.3	86.2	67.4
27.5°	292.2	244.8	208.7	182.4	162.8	148.9	145.4	139.1	120.0	94.7	73.9
25°	324.0	270.8	228.1	195.7	172.5	163.7	160.1	154.8	132.1	104.3	80.2
22.5°	359.0	297.1	246.9	208.3	189.1	178.0	174.2	168.1	144.9	113.9	86.5
20°	393.0	322.1	266.2	229.2	207.0	193.3	187.4	181.2	158.3	123.4	92.6
17.5°	424.0	350.2	293.3	252.0	225.1	208.3	200.2	194.1	171.9	132.7	98.5
15°	444.6	380.3	318.6	273.4	242.5	222.9	212.5	206.7	185.8	141.9	102.8
12.5°	462.1	406.5	341.4	293.3	259.1	237.1	224.5	219.0	199.7	147.8	105.0
10°	476.8	429.1	361.8	311.7	274.9	250.9	236.1	227.7	205.0	150.8	106.9
7.5°	488.8	448.3	379.8	328.6	287.9	257.8	237.8	229.3	208.2	153.0	108.6
5°	497.2	459.6	388.4	333.0	288.9	257.3	237.9	230.5	210.4	154.5	109.8
2.5°	498.4	460.8	390.6	334.4	289.1	256.1	237.7	231.5	211.5	155.3	110.6
0°	498.4	459.2	390.9	334.5	288.5	254.3	237.3	232.1	211.7	155.3	110.9
-2.5°	498.4	460.8	390.6	334.4	289.1	256.1	237.7	231.5	211.5	155.3	110.6
-5°	497.2	459.6	388.4	333.0	288.9	257.3	237.9	230.5	210.4	154.5	109.8
-7.5°	488.8	448.3	379.8	328.6	287.9	257.8	237.8	229.3	208.2	153.0	108.6
-10°	476.8	429.1	361.8	311.7	274.9	250.9	236.1	227.7	205.0	150.8	106.9
-12.5°	462.1	406.5	341.4	293.3	259.1	237.1	224.5	219.0	199.7	147.8	105.0
-15°	444.6	380.3	318.6	273.4	242.5	222.9	212.5	206.7	185.8	141.9	102.8
-17.5°	424.0	350.2	293.3	252.0	225.1	208.3	200.2	194.1	171.9	132.7	98.5
-20°	393.0	322.1	266.2	229.2	207.0	193.3	187.4	181.2	158.3	123.4	92.6



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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°	359.0	297.1	246.9	208.3	189.1	178.0	174.2	168.1	144.9	113.9	86.5
-25°	324.0	270.8	228.1	195.7	172.5	163.7	160.1	154.8	132.1	104.3	80.2
-27.5°	292.2	244.8	208.7	182.4	162.8	148.9	145.4	139.1	120.0	94.7	73.9
-30°	261.0	222.9	192.5	169.2	152.5	140.1	130.4	124.5	108.3	86.2	67.4
-32.5°	235.8	200.6	176.7	157.4	142.6	131.3	119.2	111.3	97.0	78.4	61.4
-35°	216.9	183.9	160.5	144.9	132.6	121.5	110.3	99.6	86.0	70.6	55.6
-37.5°	197.3	170.6	146.5	132.6	122.2	111.3	101.1	90.2	75.5	62.9	49.9
-40°	182.2	157.9	136.5	120.8	110.8	100.6	91.8	80.6	66.3	55.2	44.3
-42.5°	166.6	146.8	127.6	109.8	98.7	90.2	82.3	71.3	59.1	48.5	38.8
-45°	154.4	135.8	118.5	100.7	86.3	79.7	72.5	62.5	52.1	42.4	33.8
-47.5°	142.1	125.3	108.3	91.0	75.6	69.4	63.2	55.0	45.3	36.6	29.4
-50°	129.9	113.8	97.2	81.9	67.6	60.2	54.6	47.8	39.9	31.6	25.2
-52.5°	115.4	101.1	86.5	72.7	60.8	51.7	47.3	40.9	34.5	27.4	21.1
-55°	99.8	89.1	76.0	64.2	53.8	45.1	40.3	35.3	29.2	23.4	17.3
-57.5°	86.0	76.9	65.9	55.6	47.2	39.5	34.2	29.7	24.7	19.4	14.8
-60°	73.3	65.3	55.6	48.1	41.0	34.1	28.6	24.6	20.4	15.7	12.4
-62.5°	62.7	54.7	47.8	41.3	34.9	28.8	23.3	20.1	16.2	13.2	10.0
-65°	53.4	46.8	40.4	34.5	28.8	23.5	18.9	15.7	13.1	10.6	7.9
-67.5°	44.4	38.0	32.7	27.5	22.9	18.6	14.6	12.3	10.3	8.0	6.5
-70°	32.7	28.1	24.9	21.2	17.3	13.8	11.3	9.3	7.5	6.5	5.2
-72.5°	22.5	20.2	17.8	15.0	12.5	10.3	8.2	6.7	6.0	5.0	3.8
-75°	14.6	13.4	12.0	10.3	8.4	6.7	5.9	5.2	4.5	3.5	3.4
-77.5°	9.5	8.4	7.0	6.3	5.7	5.0	4.4	3.7	3.4	3.4	3.4
-80°	5.8	5.3	4.9	4.4	3.9	3.4	3.3	3.4	3.4	3.4	3.4
-82.5°	3.5	3.3	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.1
-85°	2.3	2.2	2.1	2.0	2.2	2.6	2.8	2.9	2.6	2.3	2.0
-87.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.4	1.3	1.2	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
80°	3.4	2.9	2.3	1.8	1.2	0.6	0.0
77.5°	3.4	3.4	2.9	2.2	1.5	0.7	0.0
75°	3.4	3.4	3.4	2.6	1.8	0.9	0.0
72.5°	3.4	3.4	3.4	3.1	2.0	1.0	0.0
70°	3.6	3.4	3.4	3.4	2.3	1.2	0.0
67.5°	4.8	3.4	3.4	3.4	2.6	1.3	0.0
65°	6.1	4.0	3.4	3.4	2.9	1.4	0.0
62.5°	7.4	5.1	3.4	3.4	3.1	1.6	0.0
60°	8.7	6.2	3.4	3.4	3.4	1.7	0.0
57.5°	10.9	7.3	4.3	3.4	3.4	1.8	0.0
55°	13.3	8.4	5.2	3.4	3.4	1.9	0.0
52.5°	15.7	9.7	6.1	3.4	3.5	2.1	0.0
50°	18.1	11.8	7.0	3.4	3.5	2.2	0.0
47.5°	20.8	14.0	7.8	3.6	3.6	2.3	0.0
45°	24.7	16.2	8.7	4.2	3.6	2.4	0.0
42.5°	28.5	18.4	9.5	4.8	3.7	2.5	0.0
40°	32.4	20.5	10.8	5.4	3.7	2.6	0.0
37.5°	36.4	22.7	12.5	6.0	3.8	2.7	0.0
35°	40.4	25.5	14.1	6.5	3.9	2.8	0.0
32.5°	44.6	28.6	15.7	7.0	3.9	2.9	0.0
30°	49.2	31.7	17.3	7.4	4.0	2.9	0.0
27.5°	53.8	34.7	18.3	7.7	4.1	3.0	0.0
25°	58.4	37.7	19.1	8.0	4.2	3.1	0.0
22.5°	62.8	40.0	19.7	8.3	4.3	3.1	0.0
20°	67.2	40.8	20.1	8.4	4.4	3.2	0.0
17.5°	69.4	41.3	20.4	8.6	4.5	3.2	0.0
15°	70.3	41.6	20.6	8.7	4.6	3.3	0.0
12.5°	70.8	41.5	20.6	8.7	4.7	3.3	0.0
10°	71.0	41.2	20.4	8.7	4.8	3.3	0.0
7.5°	70.8	40.7	20.2	8.7	4.9	3.4	0.0
5°	70.3	39.8	19.8	8.7	4.9	3.4	0.0
2.5°	69.5	38.8	19.4	8.6	5.0	3.4	0.0
0°	68.3	37.6	18.8	8.5	5.1	3.4	0.0
-2.5°	69.5	38.8	19.4	8.6	5.0	3.4	0.0
-5°	70.3	39.8	19.8	8.7	4.9	3.4	0.0
-7.5°	70.8	40.7	20.2	8.7	4.9	3.4	0.0
-10°	71.0	41.2	20.4	8.7	4.8	3.3	0.0
-12.5°	70.8	41.5	20.6	8.7	4.7	3.3	0.0
-15°	70.3	41.6	20.6	8.7	4.6	3.3	0.0
-17.5°	69.4	41.3	20.4	8.6	4.5	3.2	0.0
-20°	67.2	40.8	20.1	8.4	4.4	3.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.8	40.0	19.7	8.3	4.3	3.1	0.0
-25°	58.4	37.7	19.1	8.0	4.2	3.1	0.0
-27.5°	53.8	34.7	18.3	7.7	4.1	3.0	0.0
-30°	49.2	31.7	17.3	7.4	4.0	2.9	0.0
-32.5°	44.6	28.6	15.7	7.0	3.9	2.9	0.0
-35°	40.4	25.5	14.1	6.5	3.9	2.8	0.0
-37.5°	36.4	22.7	12.5	6.0	3.8	2.7	0.0
-40°	32.4	20.5	10.8	5.4	3.7	2.6	0.0
-42.5°	28.5	18.4	9.5	4.8	3.7	2.5	0.0
-45°	24.7	16.2	8.7	4.2	3.6	2.4	0.0
-47.5°	20.8	14.0	7.8	3.6	3.6	2.3	0.0
-50°	18.1	11.8	7.0	3.4	3.5	2.2	0.0
-52.5°	15.7	9.7	6.1	3.4	3.5	2.1	0.0
-55°	13.3	8.4	5.2	3.4	3.4	1.9	0.0
-57.5°	10.9	7.3	4.3	3.4	3.4	1.8	0.0
-60°	8.7	6.2	3.4	3.4	3.4	1.7	0.0
-62.5°	7.4	5.1	3.4	3.4	3.1	1.6	0.0
-65°	6.1	4.0	3.4	3.4	2.9	1.4	0.0
-67.5°	4.8	3.4	3.4	3.4	2.6	1.3	0.0
-70°	3.6	3.4	3.4	3.4	2.3	1.2	0.0
-72.5°	3.4	3.4	3.4	3.1	2.0	1.0	0.0
-75°	3.4	3.4	3.4	2.6	1.8	0.9	0.0
-77.5°	3.4	3.4	2.9	2.2	1.5	0.7	0.0
-80°	3.4	2.9	2.3	1.8	1.2	0.6	0.0
-82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	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)