

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: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558969 (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-SA4D-940-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

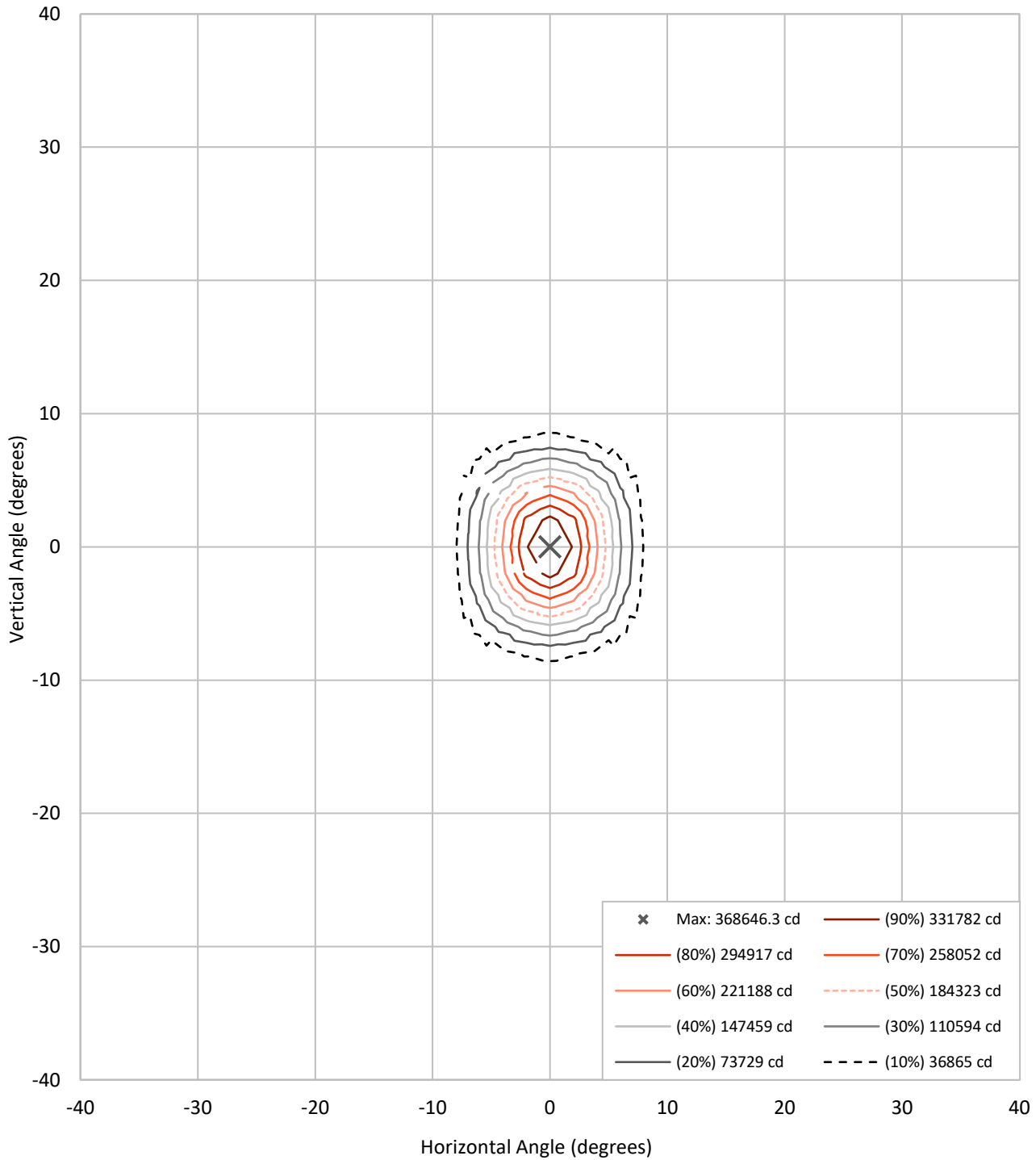
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14355.9 lumens	Max Intensity:	368646.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6153.2 lumens	Field Lumens:	10604.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 217
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





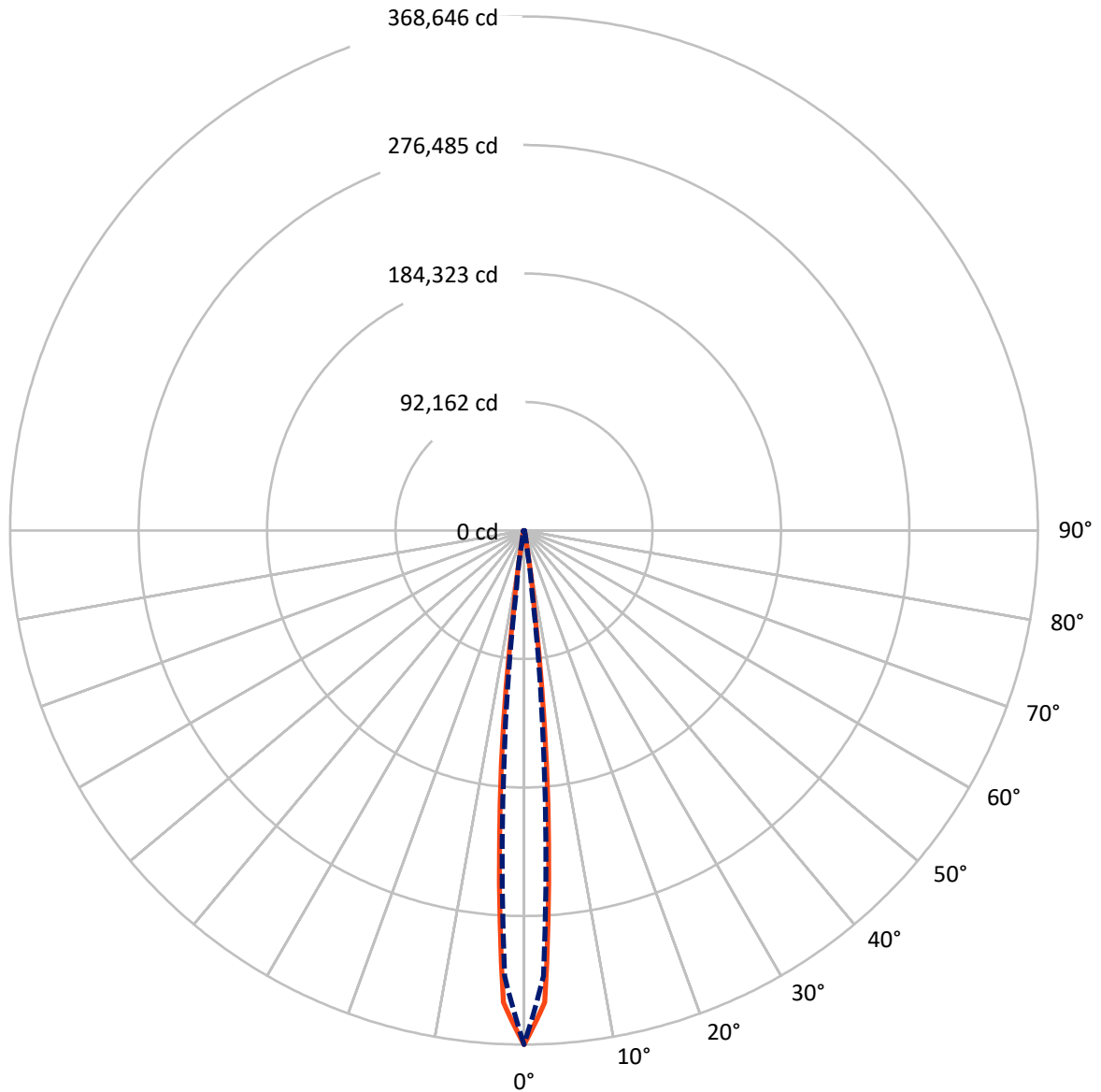
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Lumen Table

90	0.1	0.4		1.5		3.5		5.9		3.5		1.5		0.4		0.1			
80	0.1	0.4		1.5		3.5		5.9		3.5		1.5		0.4		0.1			
70	0.2	0.3	0.8	1.6	2.4	3.2	5.0	8.9	8.9	5.0	3.2	2.4	1.6	0.8	0.3	0.2			
60		0.6	1.4	2.9	4.7	6.4	8.5	11.6	11.6	8.5	6.4	4.7	2.9	1.4	0.6				
50	0.7	1.0	2.2	4.6	8.1	12.2	15.6	18.7	18.7	15.6	12.2	8.1	4.6	2.2	1.0	0.7			
40		1.6	3.2	7.0	12.6	17.0	19.2	20.4	20.4	19.2	17.0	12.6	7.0	3.2	1.6				
30	1.4	2.3	4.4	9.9	15.5	18.5	25.2	33.1	33.1	25.2	18.5	15.5	9.9	4.4	2.3	1.4			
20		3.1	6.1	12.5	17.1	24.3	49.3	98.6	98.6	49.3	24.3	17.1	12.5	6.1	3.1				
10	1.7	3.5	7.3	13.9	17.8	31.2	97.5	2884.3	2884.3	97.5	31.2	17.8	13.9	7.3	3.5	1.7			
0		3.5	7.3	13.9	17.8	31.2	97.5	2884.3	2884.3	97.5	31.2	17.8	13.9	7.3	3.5				
-10	1.4	3.1	6.1	12.5	17.1	24.3	49.3	98.6	98.6	49.3	24.3	17.1	12.5	6.1	3.1	1.4			
-20		2.3	4.4	9.9	15.5	18.5	25.2	33.1	33.1	25.2	18.5	15.5	9.9	4.4	2.3				
-30	0.7	1.6	3.2	7.0	12.6	17.0	19.2	20.4	20.4	19.2	17.0	12.6	7.0	3.2	1.6	0.7			
-40		1.0	2.2	4.6	8.1	12.2	15.6	18.7	18.7	15.6	12.2	8.1	4.6	2.2	1.0				
-50	0.2	0.6	1.4	2.9	4.7	6.4	8.5	11.6	11.6	8.5	6.4	4.7	2.9	1.4	0.6	0.2			
-60		0.3	0.8	1.6	2.4	3.2	5.0	8.9	8.9	5.0	3.2	2.4	1.6	0.8	0.3				
-70	0.1	0.4		1.5		3.5		5.9		3.5		1.5		0.4		0.1			
-80		0.4		1.5		3.5		5.9		3.5		1.5		0.4					
-90	0.1	0.4		1.5		3.5		5.9		3.5		1.5		0.4		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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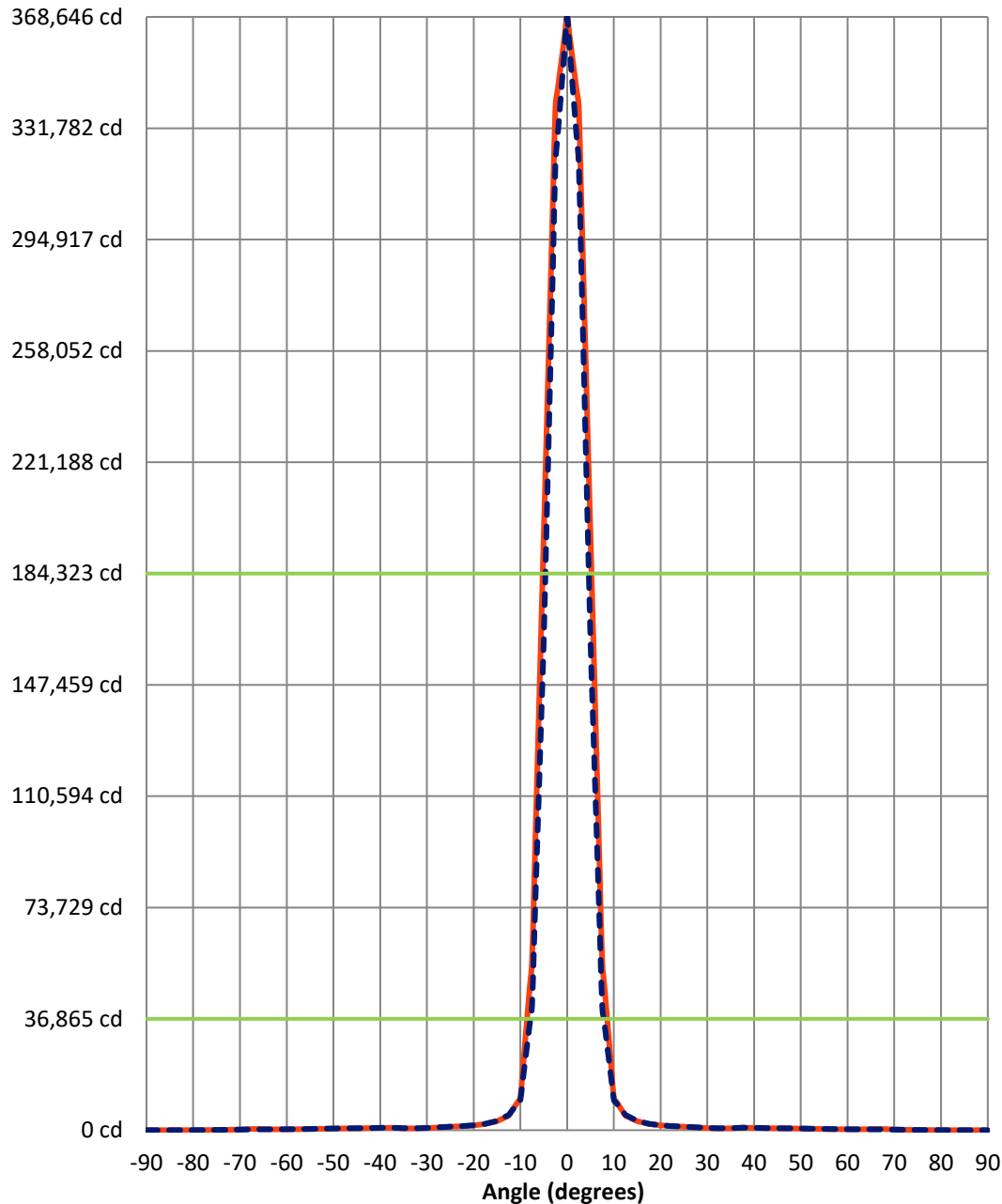
Luminous Intensity Polar Plot



— 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: 6153.2
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 10604.9
 Efficiency: 73.9%

Spill:
 Lumens: 3751
 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	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.2	4.2	4.2
80°	0.0	0.7	1.5	2.2	2.9	3.6	4.2	4.2	4.2	4.2	4.2
77.5°	0.0	0.9	1.8	2.7	3.6	4.2	4.2	4.2	4.2	4.2	4.6
75°	0.0	1.1	2.2	3.3	4.2	4.2	4.2	4.2	4.4	5.5	6.4
72.5°	0.0	1.3	2.5	3.8	4.2	4.2	4.2	4.6	6.2	7.4	8.3
70°	0.0	1.4	2.9	4.2	4.2	4.2	4.4	6.4	8.0	9.3	11.5
67.5°	0.0	1.6	3.2	4.2	4.2	4.2	6.0	8.1	9.8	12.7	15.1
65°	0.0	1.8	3.5	4.2	4.2	4.9	7.6	9.8	13.0	16.1	19.2
62.5°	0.0	1.9	3.9	4.2	4.2	6.3	9.2	12.4	16.2	19.9	24.7
60°	0.0	2.1	4.2	4.2	4.2	7.7	10.7	15.2	19.3	25.1	30.2
57.5°	0.0	2.3	4.2	4.2	5.3	9.1	13.4	18.1	23.9	30.4	36.5
55°	0.0	2.4	4.3	4.2	6.4	10.4	16.3	21.2	28.8	35.9	43.3
52.5°	0.0	2.6	4.3	4.2	7.5	12.0	19.3	25.9	33.6	42.4	50.3
50°	0.0	2.7	4.3	4.2	8.6	14.6	22.3	31.0	38.9	49.0	58.7
47.5°	0.0	2.8	4.4	4.4	9.7	17.3	25.6	36.2	44.9	55.7	67.6
45°	0.0	3.0	4.5	5.2	10.7	19.9	30.3	41.6	52.1	64.0	76.7
42.5°	0.0	3.1	4.5	6.0	11.8	22.6	35.1	47.7	59.6	72.6	87.6
40°	0.0	3.2	4.6	6.7	13.3	25.3	39.9	54.5	67.9	81.5	99.0
37.5°	0.0	3.3	4.7	7.4	15.4	27.9	44.7	61.4	77.2	92.7	110.8
35°	0.0	3.4	4.8	8.0	17.4	31.4	49.6	68.4	86.7	105.7	122.3
32.5°	0.0	3.5	4.9	8.6	19.4	35.2	54.8	75.5	96.3	119.2	136.7
30°	0.0	3.6	5.0	9.1	21.3	39.0	60.5	82.9	106.0	133.1	152.9
27.5°	0.0	3.7	5.1	9.5	22.5	42.7	66.2	90.8	116.4	147.4	170.8
25°	0.0	3.8	5.2	9.9	23.5	46.3	71.7	98.6	128.2	162.3	190.1
22.5°	0.0	3.9	5.3	10.2	24.2	49.1	77.2	106.3	139.9	178.0	206.5
20°	0.0	3.9	5.4	10.4	24.8	50.1	82.5	113.8	151.6	194.4	222.6
17.5°	0.0	4.0	5.5	10.6	25.1	50.8	85.3	121.1	163.1	211.2	238.4
15°	0.0	4.1	5.6	10.7	25.3	51.1	86.3	126.3	174.3	228.2	253.9
12.5°	0.0	4.1	5.8	10.8	25.3	51.0	87.0	129.0	181.6	245.2	269.1
10°	0.0	4.1	5.9	10.8	25.1	50.6	87.2	131.4	185.2	251.8	279.8
7.5°	0.0	4.2	6.0	10.8	24.8	49.9	87.0	133.4	188.0	255.7	281.7
5°	0.0	4.2	6.1	10.7	24.4	48.9	86.4	135.0	189.8	258.4	283.3
2.5°	0.0	4.2	6.2	10.6	23.8	47.6	85.4	136.0	190.7	259.8	284.5
0°	0.0	4.2	6.3	10.5	23.1	46.1	83.9	136.3	190.8	260.0	285.2
-2.5°	0.0	4.2	6.2	10.6	23.8	47.6	85.4	136.0	190.7	259.8	284.5
-5°	0.0	4.2	6.1	10.7	24.4	48.9	86.4	135.0	189.8	258.4	283.3
-7.5°	0.0	4.2	6.0	10.8	24.8	49.9	87.0	133.4	188.0	255.7	281.7
-10°	0.0	4.1	5.9	10.8	25.1	50.6	87.2	131.4	185.2	251.8	279.8
-12.5°	0.0	4.1	5.8	10.8	25.3	51.0	87.0	129.0	181.6	245.2	269.1
-15°	0.0	4.1	5.6	10.7	25.3	51.1	86.3	126.3	174.3	228.2	253.9
-17.5°	0.0	4.0	5.5	10.6	25.1	50.8	85.3	121.1	163.1	211.2	238.4
-20°	0.0	3.9	5.4	10.4	24.8	50.1	82.5	113.8	151.6	194.4	222.6



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	3.9	5.3	10.2	24.2	49.1	77.2	106.3	139.9	178.0	206.5
-25°	0.0	3.8	5.2	9.9	23.5	46.3	71.7	98.6	128.2	162.3	190.1
-27.5°	0.0	3.7	5.1	9.5	22.5	42.7	66.2	90.8	116.4	147.4	170.8
-30°	0.0	3.6	5.0	9.1	21.3	39.0	60.5	82.9	106.0	133.1	152.9
-32.5°	0.0	3.5	4.9	8.6	19.4	35.2	54.8	75.5	96.3	119.2	136.7
-35°	0.0	3.4	4.8	8.0	17.4	31.4	49.6	68.4	86.7	105.7	122.3
-37.5°	0.0	3.3	4.7	7.4	15.4	27.9	44.7	61.4	77.2	92.7	110.8
-40°	0.0	3.2	4.6	6.7	13.3	25.3	39.9	54.5	67.9	81.5	99.0
-42.5°	0.0	3.1	4.5	6.0	11.8	22.6	35.1	47.7	59.6	72.6	87.6
-45°	0.0	3.0	4.5	5.2	10.7	19.9	30.3	41.6	52.1	64.0	76.7
-47.5°	0.0	2.8	4.4	4.4	9.7	17.3	25.6	36.2	44.9	55.7	67.6
-50°	0.0	2.7	4.3	4.2	8.6	14.6	22.3	31.0	38.9	49.0	58.7
-52.5°	0.0	2.6	4.3	4.2	7.5	12.0	19.3	25.9	33.6	42.4	50.3
-55°	0.0	2.4	4.3	4.2	6.4	10.4	16.3	21.2	28.8	35.9	43.3
-57.5°	0.0	2.3	4.2	4.2	5.3	9.1	13.4	18.1	23.9	30.4	36.5
-60°	0.0	2.1	4.2	4.2	4.2	7.7	10.7	15.2	19.3	25.1	30.2
-62.5°	0.0	1.9	3.9	4.2	4.2	6.3	9.2	12.4	16.2	19.9	24.7
-65°	0.0	1.8	3.5	4.2	4.2	4.9	7.6	9.8	13.0	16.1	19.2
-67.5°	0.0	1.6	3.2	4.2	4.2	4.2	6.0	8.1	9.8	12.7	15.1
-70°	0.0	1.4	2.9	4.2	4.2	4.2	4.4	6.4	8.0	9.3	11.5
-72.5°	0.0	1.3	2.5	3.8	4.2	4.2	4.2	4.6	6.2	7.4	8.3
-75°	0.0	1.1	2.2	3.3	4.2	4.2	4.2	4.2	4.4	5.5	6.4
-77.5°	0.0	0.9	1.8	2.7	3.6	4.2	4.2	4.2	4.2	4.2	4.6
-80°	0.0	0.7	1.5	2.2	2.9	3.6	4.2	4.2	4.2	4.2	4.2
-82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.2	4.2	4.2
-85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-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):

	-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°	1.7	1.6	1.4	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	3.4	3.2	2.8	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
82.5°	3.9	3.7	3.6	3.6	3.8	4.0	4.3	4.7	5.1	5.4	5.8
80°	4.1	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.2	8.9	10.1
77.5°	5.4	6.2	7.0	7.8	8.7	10.3	11.7	12.9	14.3	16.0	17.8
75°	7.3	8.3	10.3	12.7	14.8	16.4	17.9	20.2	23.0	26.1	29.0
72.5°	10.1	12.6	15.4	18.4	21.9	24.9	27.7	30.5	35.0	39.9	43.6
70°	13.9	17.0	21.3	26.1	30.6	34.5	40.2	47.0	53.9	57.4	59.5
67.5°	17.9	22.9	28.2	33.9	40.2	46.7	54.6	62.0	69.0	71.9	74.5
65°	23.2	28.9	35.4	42.4	49.6	57.5	65.6	73.8	81.2	84.9	89.2
62.5°	28.6	35.4	42.9	50.7	58.7	67.2	77.1	85.4	91.7	99.3	108.1
60°	35.1	41.9	50.4	59.1	68.4	80.2	90.1	99.3	107.8	116.3	129.7
57.5°	42.0	48.5	58.0	68.3	81.0	94.5	105.7	115.6	127.4	139.7	153.1
55°	49.5	55.4	66.1	78.8	93.4	109.4	122.5	136.2	149.8	160.7	172.7
52.5°	58.1	63.5	74.7	89.3	106.2	124.2	141.7	156.0	168.6	180.6	194.1
50°	67.1	73.9	83.1	100.6	119.4	139.8	159.7	174.0	188.2	202.4	217.6
47.5°	77.6	85.2	92.9	111.8	133.1	154.0	174.6	192.8	208.6	227.5	245.0
45°	89.0	97.9	106.2	123.8	145.6	166.9	189.7	211.7	233.9	256.2	284.1
42.5°	101.0	110.8	121.3	134.9	156.8	180.4	204.7	234.1	262.3	293.3	329.6
40°	112.8	123.6	136.1	148.4	167.8	194.0	223.8	256.7	296.5	336.7	380.5
37.5°	124.2	136.7	150.1	162.9	180.0	209.6	242.5	284.4	332.3	383.1	438.9
35°	135.5	149.3	163.0	178.0	197.2	225.9	266.5	314.0	371.5	435.7	486.8
32.5°	146.5	161.3	175.2	193.4	217.1	246.5	289.6	349.5	415.8	480.9	515.0
30°	160.2	172.2	187.3	207.9	236.4	273.9	320.7	385.3	460.7	505.1	536.8
27.5°	178.6	182.9	200.1	224.1	256.3	300.8	359.1	426.2	488.5	527.5	555.9
25°	196.7	201.1	212.0	240.4	280.2	332.7	398.1	474.6	511.6	544.5	577.5
22.5°	214.0	218.6	232.3	255.8	303.3	365.1	441.2	508.1	543.4	564.3	600.1
20°	230.2	237.5	254.3	281.5	327.1	395.8	482.9	539.2	572.7	597.9	630.9
17.5°	245.9	255.9	276.5	309.6	360.3	430.3	520.9	570.1	602.9	627.2	668.0
15°	261.1	273.8	297.9	335.8	391.4	467.2	546.3	595.5	630.8	654.8	702.4
12.5°	275.8	291.3	318.3	360.2	419.4	499.5	567.8	611.9	647.1	683.7	732.9
10°	290.0	308.2	337.7	382.9	444.4	527.2	585.8	625.1	660.3	706.8	758.2
7.5°	292.2	316.8	353.7	403.7	466.6	550.8	600.6	635.4	673.6	728.0	781.1
5°	292.2	316.1	354.9	409.1	477.2	564.6	610.9	643.2	686.4	746.9	801.4
2.5°	292.0	314.6	355.2	410.9	479.8	566.0	612.5	645.2	693.8	765.4	820.2
0°	291.5	312.5	354.4	411.0	480.2	564.1	612.4	645.9	698.4	782.2	836.8
-2.5°	292.0	314.6	355.2	410.9	479.8	566.0	612.5	645.2	693.8	765.4	820.2
-5°	292.2	316.1	354.9	409.1	477.2	564.6	610.9	643.2	686.4	746.9	801.4
-7.5°	292.2	316.8	353.7	403.7	466.6	550.8	600.6	635.4	673.6	728.0	781.1
-10°	290.0	308.2	337.7	382.9	444.4	527.2	585.8	625.1	660.3	706.8	758.2
-12.5°	275.8	291.3	318.3	360.2	419.4	499.5	567.8	611.9	647.1	683.7	732.9
-15°	261.1	273.8	297.9	335.8	391.4	467.2	546.3	595.5	630.8	654.8	702.4
-17.5°	245.9	255.9	276.5	309.6	360.3	430.3	520.9	570.1	602.9	627.2	668.0
-20°	230.2	237.5	254.3	281.5	327.1	395.8	482.9	539.2	572.7	597.9	630.9



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	214.0	218.6	232.3	255.8	303.3	365.1	441.2	508.1	543.4	564.3	600.1
-25°	196.7	201.1	212.0	240.4	280.2	332.7	398.1	474.6	511.6	544.5	577.5
-27.5°	178.6	182.9	200.1	224.1	256.3	300.8	359.1	426.2	488.5	527.5	555.9
-30°	160.2	172.2	187.3	207.9	236.4	273.9	320.7	385.3	460.7	505.1	536.8
-32.5°	146.5	161.3	175.2	193.4	217.1	246.5	289.6	349.5	415.8	480.9	515.0
-35°	135.5	149.3	163.0	178.0	197.2	225.9	266.5	314.0	371.5	435.7	486.8
-37.5°	124.2	136.7	150.1	162.9	180.0	209.6	242.5	284.4	332.3	383.1	438.9
-40°	112.8	123.6	136.1	148.4	167.8	194.0	223.8	256.7	296.5	336.7	380.5
-42.5°	101.0	110.8	121.3	134.9	156.8	180.4	204.7	234.1	262.3	293.3	329.6
-45°	89.0	97.9	106.2	123.8	145.6	166.9	189.7	211.7	233.9	256.2	284.1
-47.5°	77.6	85.2	92.9	111.8	133.1	154.0	174.6	192.8	208.6	227.5	245.0
-50°	67.1	73.9	83.1	100.6	119.4	139.8	159.7	174.0	188.2	202.4	217.6
-52.5°	58.1	63.5	74.7	89.3	106.2	124.2	141.7	156.0	168.6	180.6	194.1
-55°	49.5	55.4	66.1	78.8	93.4	109.4	122.5	136.2	149.8	160.7	172.7
-57.5°	42.0	48.5	58.0	68.3	81.0	94.5	105.7	115.6	127.4	139.7	153.1
-60°	35.1	41.9	50.4	59.1	68.4	80.2	90.1	99.3	107.8	116.3	129.7
-62.5°	28.6	35.4	42.9	50.7	58.7	67.2	77.1	85.4	91.7	99.3	108.1
-65°	23.2	28.9	35.4	42.4	49.6	57.5	65.6	73.8	81.2	84.9	89.2
-67.5°	17.9	22.9	28.2	33.9	40.2	46.7	54.6	62.0	69.0	71.9	74.5
-70°	13.9	17.0	21.3	26.1	30.6	34.5	40.2	47.0	53.9	57.4	59.5
-72.5°	10.1	12.6	15.4	18.4	21.9	24.9	27.7	30.5	35.0	39.9	43.6
-75°	7.3	8.3	10.3	12.7	14.8	16.4	17.9	20.2	23.0	26.1	29.0
-77.5°	5.4	6.2	7.0	7.8	8.7	10.3	11.7	12.9	14.3	16.0	17.8
-80°	4.1	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.2	8.9	10.1
-82.5°	3.9	3.7	3.6	3.6	3.8	4.0	4.3	4.7	5.1	5.4	5.8
-85°	3.4	3.2	2.8	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
-87.5°	1.7	1.6	1.4	1.2	1.3	1.3	1.4	1.5	1.5	1.6	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: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-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°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
85°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.1
82.5°	6.1	6.4	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.1	8.2
80°	11.2	12.1	12.8	13.3	13.7	15.2	17.0	18.9	21.0	21.7	22.2
77.5°	20.0	21.5	22.4	23.1	23.6	26.8	31.0	35.4	39.9	42.3	44.2
75°	31.9	33.6	34.7	35.5	36.0	41.0	48.4	56.3	64.4	68.6	71.6
72.5°	46.0	47.5	48.6	49.6	50.2	57.6	71.0	85.7	101.2	110.6	117.6
70°	61.3	63.0	64.3	65.5	66.3	75.2	94.7	115.1	136.2	157.2	179.7
67.5°	77.6	81.0	82.9	83.9	85.0	92.6	113.4	132.5	150.3	188.4	248.4
65°	95.3	103.3	106.7	108.6	109.3	112.8	130.6	146.6	161.0	190.7	236.5
62.5°	117.8	128.4	133.4	135.5	136.8	137.0	151.5	165.0	177.3	195.8	224.9
60°	142.1	153.6	159.6	161.3	162.4	162.8	174.4	187.6	199.9	215.0	242.2
57.5°	164.4	175.2	184.1	187.6	190.4	192.3	202.5	218.1	232.7	247.8	277.0
55°	185.6	198.7	211.1	217.9	224.3	230.0	240.0	259.7	278.5	296.2	326.5
52.5°	208.7	225.5	242.1	254.5	266.7	277.3	288.1	313.6	338.6	362.2	391.7
50°	236.4	257.1	281.2	301.6	319.0	336.2	351.7	381.8	415.7	447.9	478.9
47.5°	271.4	298.7	329.6	358.6	382.3	408.9	433.1	464.1	494.1	524.0	549.7
45°	314.4	352.2	387.8	426.3	460.1	477.7	491.8	511.1	541.9	571.3	595.2
42.5°	369.5	413.5	457.3	485.9	507.6	521.9	532.1	542.3	574.6	603.0	626.1
40°	430.7	474.9	501.9	525.3	540.3	553.1	569.1	584.9	610.2	639.3	665.1
37.5°	483.8	512.1	535.8	554.2	572.4	589.4	612.4	635.1	659.2	691.9	715.8
35°	516.5	541.3	565.4	588.5	611.8	637.9	666.7	700.1	729.6	702.7	663.9
32.5°	541.3	566.9	596.1	631.7	663.8	699.4	735.5	677.5	618.1	594.9	599.6
30°	563.0	592.7	632.9	679.4	724.0	708.1	628.9	601.2	609.4	625.7	657.0
27.5°	586.3	623.3	672.1	729.4	694.3	606.6	611.2	627.3	681.6	727.6	797.5
25°	613.8	658.5	719.1	692.6	612.3	620.6	661.2	722.5	825.9	922.4	1006.8
22.5°	646.9	703.8	711.8	612.3	623.2	676.4	758.9	891.6	1017.3	1134.0	1221.0
20°	680.6	746.3	645.4	624.3	671.0	765.9	919.0	1071.5	1211.8	1316.1	1403.2
17.5°	721.0	697.8	626.4	648.8	743.2	907.1	1079.5	1241.1	1373.4	1553.7	1707.2
15°	756.3	651.1	637.9	711.7	853.8	1038.2	1225.5	1370.6	1609.7	1868.0	2129.4
12.5°	736.0	634.6	658.4	767.8	954.5	1153.8	1319.4	1549.2	1865.4	2242.8	2810.0
10°	706.0	643.9	702.1	845.3	1040.7	1234.9	1406.9	1708.1	2125.5	2818.7	3711.7
7.5°	682.8	647.9	731.0	904.8	1104.8	1283.8	1513.1	1878.4	2460.2	3411.2	5312.5
5°	665.2	647.7	744.3	939.2	1142.8	1317.6	1578.7	2002.3	2788.1	4143.1	7392.2
2.5°	657.5	644.3	748.0	957.8	1161.4	1336.5	1619.5	2091.2	2995.1	4823.0	9720.3
0°	662.7	637.5	746.6	964.7	1172.3	1333.8	1625.3	2118.1	3057.7	5074.1	10032.8
-2.5°	657.5	644.3	748.0	957.8	1161.4	1336.5	1619.5	2091.2	2995.1	4823.0	9720.3
-5°	665.2	647.7	744.3	939.2	1142.8	1317.6	1578.7	2002.3	2788.1	4143.1	7392.2
-7.5°	682.8	647.9	731.0	904.8	1104.8	1283.8	1513.1	1878.4	2460.2	3411.2	5312.5
-10°	706.0	643.9	702.1	845.3	1040.7	1234.9	1406.9	1708.1	2125.5	2818.7	3711.7
-12.5°	736.0	634.6	658.4	767.8	954.5	1153.8	1319.4	1549.2	1865.4	2242.8	2810.0
-15°	756.3	651.1	637.9	711.7	853.8	1038.2	1225.5	1370.6	1609.7	1868.0	2129.4
-17.5°	721.0	697.8	626.4	648.8	743.2	907.1	1079.5	1241.1	1373.4	1553.7	1707.2
-20°	680.6	746.3	645.4	624.3	671.0	765.9	919.0	1071.5	1211.8	1316.1	1403.2



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	646.9	703.8	711.8	612.3	623.2	676.4	758.9	891.6	1017.3	1134.0	1221.0
-25°	613.8	658.5	719.1	692.6	612.3	620.6	661.2	722.5	825.9	922.4	1006.8
-27.5°	586.3	623.3	672.1	729.4	694.3	606.6	611.2	627.3	681.6	727.6	797.5
-30°	563.0	592.7	632.9	679.4	724.0	708.1	628.9	601.2	609.4	625.7	657.0
-32.5°	541.3	566.9	596.1	631.7	663.8	699.4	735.5	677.5	618.1	594.9	599.6
-35°	516.5	541.3	565.4	588.5	611.8	637.9	666.7	700.1	729.6	702.7	663.9
-37.5°	483.8	512.1	535.8	554.2	572.4	589.4	612.4	635.1	659.2	691.9	715.8
-40°	430.7	474.9	501.9	525.3	540.3	553.1	569.1	584.9	610.2	639.3	665.1
-42.5°	369.5	413.5	457.3	485.9	507.6	521.9	532.1	542.3	574.6	603.0	626.1
-45°	314.4	352.2	387.8	426.3	460.1	477.7	491.8	511.1	541.9	571.3	595.2
-47.5°	271.4	298.7	329.6	358.6	382.3	408.9	433.1	464.1	494.1	524.0	549.7
-50°	236.4	257.1	281.2	301.6	319.0	336.2	351.7	381.8	415.7	447.9	478.9
-52.5°	208.7	225.5	242.1	254.5	266.7	277.3	288.1	313.6	338.6	362.2	391.7
-55°	185.6	198.7	211.1	217.9	224.3	230.0	240.0	259.7	278.5	296.2	326.5
-57.5°	164.4	175.2	184.1	187.6	190.4	192.3	202.5	218.1	232.7	247.8	277.0
-60°	142.1	153.6	159.6	161.3	162.4	162.8	174.4	187.6	199.9	215.0	242.2
-62.5°	117.8	128.4	133.4	135.5	136.8	137.0	151.5	165.0	177.3	195.8	224.9
-65°	95.3	103.3	106.7	108.6	109.3	112.8	130.6	146.6	161.0	190.7	236.5
-67.5°	77.6	81.0	82.9	83.9	85.0	92.6	113.4	132.5	150.3	188.4	248.4
-70°	61.3	63.0	64.3	65.5	66.3	75.2	94.7	115.1	136.2	157.2	179.7
-72.5°	46.0	47.5	48.6	49.6	50.2	57.6	71.0	85.7	101.2	110.6	117.6
-75°	31.9	33.6	34.7	35.5	36.0	41.0	48.4	56.3	64.4	68.6	71.6
-77.5°	20.0	21.5	22.4	23.1	23.6	26.8	31.0	35.4	39.9	42.3	44.2
-80°	11.2	12.1	12.8	13.3	13.7	15.2	17.0	18.9	21.0	21.7	22.2
-82.5°	6.1	6.4	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.1	8.2
-85°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.1
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	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: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0
82.5°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.8
80°	22.6	22.9	22.0	21.0	22.0	22.9	22.6	22.2	21.7	21.0	18.9
77.5°	46.0	47.7	46.0	44.0	46.0	47.7	46.0	44.2	42.3	39.9	35.4
75°	74.3	76.8	75.4	73.4	75.4	76.8	74.3	71.6	68.6	64.4	56.3
72.5°	124.1	130.2	128.7	125.8	128.7	130.2	124.1	117.6	110.6	101.2	85.7
70°	203.2	227.1	226.1	220.2	226.1	227.1	203.2	179.7	157.2	136.2	115.1
67.5°	313.4	381.0	402.5	413.1	402.5	381.0	313.4	248.4	188.4	150.3	132.5
65°	279.1	320.0	336.1	348.1	336.1	320.0	279.1	236.5	190.7	161.0	146.6
62.5°	251.0	275.2	280.4	281.0	280.4	275.2	251.0	224.9	195.8	177.3	165.0
60°	268.6	294.4	298.2	293.6	298.2	294.4	268.6	242.2	215.0	199.9	187.6
57.5°	305.1	332.0	337.0	331.4	337.0	332.0	305.1	277.0	247.8	232.7	218.1
55°	355.6	382.8	391.8	390.1	391.8	382.8	355.6	326.5	296.2	278.5	259.7
52.5°	419.9	445.0	455.4	455.1	455.4	445.0	419.9	391.7	362.2	338.6	313.6
50°	505.9	528.4	539.6	541.1	539.6	528.4	505.9	478.9	447.9	415.7	381.8
47.5°	567.9	582.7	590.4	591.4	590.4	582.7	567.9	549.7	524.0	494.1	464.1
45°	606.0	613.9	619.9	625.0	619.9	613.9	606.0	595.2	571.3	541.9	511.1
42.5°	641.7	658.2	670.4	673.2	670.4	658.2	641.7	626.1	603.0	574.6	542.3
40°	689.6	712.4	734.2	757.1	734.2	712.4	689.6	665.1	639.3	610.2	584.9
37.5°	740.7	766.1	787.1	799.0	787.1	766.1	740.7	715.8	691.9	659.2	635.1
35°	636.5	619.9	610.0	606.1	610.0	619.9	636.5	663.9	702.7	729.6	700.1
32.5°	602.5	603.6	601.7	597.7	601.7	603.6	602.5	599.6	594.9	618.1	677.5
30°	680.2	691.3	692.7	692.1	692.7	691.3	680.2	657.0	625.7	609.4	601.2
27.5°	849.2	877.6	886.4	903.9	886.4	877.6	849.2	797.5	727.6	681.6	627.3
25°	1072.1	1114.8	1135.4	1142.9	1135.4	1114.8	1072.1	1006.8	922.4	825.9	722.5
22.5°	1270.2	1302.8	1321.9	1338.0	1321.9	1302.8	1270.2	1221.0	1134.0	1017.3	891.6
20°	1504.8	1564.5	1591.8	1593.8	1591.8	1564.5	1504.8	1403.2	1316.1	1211.8	1071.5
17.5°	1871.3	1987.3	2045.2	2061.5	2045.2	1987.3	1871.3	1707.2	1553.7	1373.4	1241.1
15°	2449.4	2745.3	2897.6	2969.6	2897.6	2745.3	2449.4	2129.4	1868.0	1609.7	1370.6
12.5°	3392.3	4059.7	4599.4	4802.5	4599.4	4059.7	3392.3	2810.0	2242.8	1865.4	1549.2
10°	5260.7	7253.7	9582.0	10668.2	9582.0	7253.7	5260.7	3711.7	2818.7	2125.5	1708.1
7.5°	10177.3	23629.9	45798.6	56373.7	45798.6	23629.9	10177.3	5312.5	3411.2	2460.2	1878.4
5°	21693.2	93621.1	167663.8	196935.4	167663.8	93621.1	21693.2	7392.2	4143.1	2788.1	2002.3
2.5°	34552.7	153551.0	289726.0	338774.5	289726.0	153551.0	34552.7	9720.3	4823.0	2995.1	2091.2
0°	41283.5	161814.4	319706.1	368646.3	319706.1	161814.4	41283.5	10032.8	5074.1	3057.7	2118.1
-2.5°	34552.7	153551.0	289726.0	338774.4	289726.0	153551.0	34552.7	9720.3	4823.0	2995.1	2091.2
-5°	21693.2	93621.1	167663.8	196935.4	167663.8	93621.1	21693.2	7392.2	4143.1	2788.1	2002.3
-7.5°	10177.3	23629.9	45798.6	56373.7	45798.6	23629.9	10177.3	5312.5	3411.2	2460.2	1878.4
-10°	5260.7	7253.7	9582.0	10668.2	9582.0	7253.7	5260.7	3711.7	2818.7	2125.5	1708.1
-12.5°	3392.3	4059.7	4599.4	4802.5	4599.4	4059.7	3392.3	2810.0	2242.8	1865.4	1549.2
-15°	2449.4	2745.3	2897.6	2969.6	2897.6	2745.3	2449.4	2129.4	1868.0	1609.7	1370.6
-17.5°	1871.3	1987.3	2045.2	2061.5	2045.2	1987.3	1871.3	1707.2	1553.7	1373.4	1241.1
-20°	1504.8	1564.5	1591.8	1593.8	1591.8	1564.5	1504.8	1403.2	1316.1	1211.8	1071.5



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1270.2	1302.8	1321.9	1338.0	1321.9	1302.8	1270.2	1221.0	1134.0	1017.3	891.6
-25°	1072.1	1114.8	1135.4	1142.9	1135.4	1114.8	1072.1	1006.8	922.4	825.9	722.5
-27.5°	849.2	877.6	886.4	903.9	886.4	877.6	849.2	797.5	727.6	681.6	627.3
-30°	680.2	691.3	692.7	692.1	692.7	691.3	680.2	657.0	625.7	609.4	601.2
-32.5°	602.5	603.6	601.7	597.7	601.7	603.6	602.5	599.6	594.9	618.1	677.5
-35°	636.5	619.9	610.0	606.1	610.0	619.9	636.5	663.9	702.7	729.6	700.1
-37.5°	740.7	766.1	787.1	799.0	787.1	766.1	740.7	715.8	691.9	659.2	635.1
-40°	689.6	712.4	734.2	757.1	734.2	712.4	689.6	665.1	639.3	610.2	584.9
-42.5°	641.7	658.2	670.4	673.2	670.4	658.2	641.7	626.1	603.0	574.6	542.3
-45°	606.0	613.9	619.9	625.0	619.9	613.9	606.0	595.2	571.3	541.9	511.1
-47.5°	567.9	582.7	590.4	591.4	590.4	582.7	567.9	549.7	524.0	494.1	464.1
-50°	505.9	528.4	539.6	541.1	539.6	528.4	505.9	478.9	447.9	415.7	381.8
-52.5°	419.9	445.0	455.4	455.1	455.4	445.0	419.9	391.7	362.2	338.6	313.6
-55°	355.6	382.8	391.8	390.1	391.8	382.8	355.6	326.5	296.2	278.5	259.7
-57.5°	305.1	332.0	337.0	331.4	337.0	332.0	305.1	277.0	247.8	232.7	218.1
-60°	268.6	294.4	298.2	293.6	298.2	294.4	268.6	242.2	215.0	199.9	187.6
-62.5°	251.0	275.2	280.4	281.0	280.4	275.2	251.0	224.9	195.8	177.3	165.0
-65°	279.1	320.0	336.1	348.1	336.1	320.0	279.1	236.5	190.7	161.0	146.6
-67.5°	313.4	381.0	402.5	413.1	402.5	381.0	313.4	248.4	188.4	150.3	132.5
-70°	203.2	227.1	226.1	220.2	226.1	227.1	203.2	179.7	157.2	136.2	115.1
-72.5°	124.1	130.2	128.7	125.8	128.7	130.2	124.1	117.6	110.6	101.2	85.7
-75°	74.3	76.8	75.4	73.4	75.4	76.8	74.3	71.6	68.6	64.4	56.3
-77.5°	46.0	47.7	46.0	44.0	46.0	47.7	46.0	44.2	42.3	39.9	35.4
-80°	22.6	22.9	22.0	21.0	22.0	22.9	22.6	22.2	21.7	21.0	18.9
-82.5°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.8
-85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
82.5°	7.6	7.4	7.2	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.7
80°	17.0	15.2	13.7	13.3	12.8	12.1	11.2	10.1	8.9	8.2	7.6
77.5°	31.0	26.8	23.6	23.1	22.4	21.5	20.0	17.8	16.0	14.3	12.9
75°	48.4	41.0	36.0	35.5	34.7	33.6	31.9	29.0	26.1	23.0	20.2
72.5°	71.0	57.6	50.2	49.6	48.6	47.5	46.0	43.6	39.9	35.0	30.5
70°	94.7	75.2	66.3	65.5	64.3	63.0	61.3	59.5	57.4	53.9	47.0
67.5°	113.4	92.6	85.0	83.9	82.9	81.0	77.6	74.5	71.9	69.0	62.0
65°	130.6	112.8	109.3	108.6	106.7	103.3	95.3	89.2	84.9	81.2	73.8
62.5°	151.5	137.0	136.8	135.5	133.4	128.4	117.8	108.1	99.3	91.7	85.4
60°	174.4	162.8	162.4	161.3	159.6	153.6	142.1	129.7	116.3	107.8	99.3
57.5°	202.5	192.3	190.4	187.6	184.1	175.2	164.4	153.1	139.7	127.4	115.6
55°	240.0	230.0	224.3	217.9	211.1	198.7	185.6	172.7	160.7	149.8	136.2
52.5°	288.1	277.3	266.7	254.5	242.1	225.5	208.7	194.1	180.6	168.6	156.0
50°	351.7	336.2	319.0	301.6	281.2	257.1	236.4	217.6	202.4	188.2	174.0
47.5°	433.1	408.9	382.3	358.6	329.6	298.7	271.4	245.0	227.5	208.6	192.8
45°	491.8	477.7	460.1	426.3	387.8	352.2	314.4	284.1	256.2	233.9	211.7
42.5°	532.1	521.9	507.6	485.9	457.3	413.5	369.5	329.6	293.3	262.3	234.1
40°	569.1	553.1	540.3	525.3	501.9	474.9	430.7	380.5	336.7	296.5	256.7
37.5°	612.4	589.4	572.4	554.2	535.8	512.1	483.8	438.9	383.1	332.3	284.4
35°	666.7	637.9	611.8	588.5	565.4	541.3	516.5	486.8	435.7	371.5	314.0
32.5°	735.5	699.4	663.8	631.7	596.1	566.9	541.3	515.0	480.9	415.8	349.5
30°	628.9	708.1	724.0	679.4	632.9	592.7	563.0	536.8	505.1	460.7	385.3
27.5°	611.2	606.6	694.3	729.4	672.1	623.3	586.3	555.9	527.5	488.5	426.2
25°	661.2	620.6	612.3	692.6	719.1	658.5	613.8	577.5	544.5	511.6	474.6
22.5°	758.9	676.4	623.2	612.3	711.8	703.8	646.9	600.1	564.3	543.4	508.1
20°	919.0	765.9	671.0	624.3	645.4	746.3	680.6	630.9	597.9	572.7	539.2
17.5°	1079.5	907.1	743.2	648.8	626.4	697.8	721.0	668.0	627.2	602.9	570.1
15°	1225.5	1038.2	853.8	711.7	637.9	651.1	756.3	702.4	654.8	630.8	595.5
12.5°	1319.4	1153.8	954.5	767.8	658.4	634.6	736.0	732.9	683.7	647.1	611.9
10°	1406.9	1234.9	1040.7	845.3	702.1	643.9	706.0	758.2	706.8	660.3	625.1
7.5°	1513.1	1283.8	1104.8	904.8	731.0	647.9	682.8	781.1	728.0	673.6	635.4
5°	1578.7	1317.6	1142.8	939.2	744.3	647.7	665.2	801.4	746.9	686.4	643.2
2.5°	1619.5	1336.5	1161.4	957.8	748.0	644.3	657.5	820.2	765.4	693.8	645.2
0°	1625.3	1333.8	1172.3	964.7	746.6	637.5	662.7	836.8	782.2	698.4	645.9
-2.5°	1619.5	1336.5	1161.4	957.8	748.0	644.3	657.5	820.2	765.4	693.8	645.2
-5°	1578.7	1317.6	1142.8	939.2	744.3	647.7	665.2	801.4	746.9	686.4	643.2
-7.5°	1513.1	1283.8	1104.8	904.8	731.0	647.9	682.8	781.1	728.0	673.6	635.4
-10°	1406.9	1234.9	1040.7	845.3	702.1	643.9	706.0	758.2	706.8	660.3	625.1
-12.5°	1319.4	1153.8	954.5	767.8	658.4	634.6	736.0	732.9	683.7	647.1	611.9
-15°	1225.5	1038.2	853.8	711.7	637.9	651.1	756.3	702.4	654.8	630.8	595.5
-17.5°	1079.5	907.1	743.2	648.8	626.4	697.8	721.0	668.0	627.2	602.9	570.1
-20°	919.0	765.9	671.0	624.3	645.4	746.3	680.6	630.9	597.9	572.7	539.2



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	758.9	676.4	623.2	612.3	711.8	703.8	646.9	600.1	564.3	543.4	508.1
-25°	661.2	620.6	612.3	692.6	719.1	658.5	613.8	577.5	544.5	511.6	474.6
-27.5°	611.2	606.6	694.3	729.4	672.1	623.3	586.3	555.9	527.5	488.5	426.2
-30°	628.9	708.1	724.0	679.4	632.9	592.7	563.0	536.8	505.1	460.7	385.3
-32.5°	735.5	699.4	663.8	631.7	596.1	566.9	541.3	515.0	480.9	415.8	349.5
-35°	666.7	637.9	611.8	588.5	565.4	541.3	516.5	486.8	435.7	371.5	314.0
-37.5°	612.4	589.4	572.4	554.2	535.8	512.1	483.8	438.9	383.1	332.3	284.4
-40°	569.1	553.1	540.3	525.3	501.9	474.9	430.7	380.5	336.7	296.5	256.7
-42.5°	532.1	521.9	507.6	485.9	457.3	413.5	369.5	329.6	293.3	262.3	234.1
-45°	491.8	477.7	460.1	426.3	387.8	352.2	314.4	284.1	256.2	233.9	211.7
-47.5°	433.1	408.9	382.3	358.6	329.6	298.7	271.4	245.0	227.5	208.6	192.8
-50°	351.7	336.2	319.0	301.6	281.2	257.1	236.4	217.6	202.4	188.2	174.0
-52.5°	288.1	277.3	266.7	254.5	242.1	225.5	208.7	194.1	180.6	168.6	156.0
-55°	240.0	230.0	224.3	217.9	211.1	198.7	185.6	172.7	160.7	149.8	136.2
-57.5°	202.5	192.3	190.4	187.6	184.1	175.2	164.4	153.1	139.7	127.4	115.6
-60°	174.4	162.8	162.4	161.3	159.6	153.6	142.1	129.7	116.3	107.8	99.3
-62.5°	151.5	137.0	136.8	135.5	133.4	128.4	117.8	108.1	99.3	91.7	85.4
-65°	130.6	112.8	109.3	108.6	106.7	103.3	95.3	89.2	84.9	81.2	73.8
-67.5°	113.4	92.6	85.0	83.9	82.9	81.0	77.6	74.5	71.9	69.0	62.0
-70°	94.7	75.2	66.3	65.5	64.3	63.0	61.3	59.5	57.4	53.9	47.0
-72.5°	71.0	57.6	50.2	49.6	48.6	47.5	46.0	43.6	39.9	35.0	30.5
-75°	48.4	41.0	36.0	35.5	34.7	33.6	31.9	29.0	26.1	23.0	20.2
-77.5°	31.0	26.8	23.6	23.1	22.4	21.5	20.0	17.8	16.0	14.3	12.9
-80°	17.0	15.2	13.7	13.3	12.8	12.1	11.2	10.1	8.9	8.2	7.6
-82.5°	7.6	7.4	7.2	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.7
-85°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558969 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1.4	1.3	1.3	1.2	1.4	1.6	1.7	1.8	1.6	1.4	1.3
85°	2.8	2.7	2.6	2.4	2.8	3.2	3.4	3.5	3.2	2.9	2.5
82.5°	4.3	4.0	3.8	3.6	3.6	3.7	3.9	4.2	4.2	4.2	3.8
80°	7.1	6.6	6.0	5.4	4.8	4.2	4.1	4.2	4.2	4.2	4.2
77.5°	11.7	10.3	8.7	7.8	7.0	6.2	5.4	4.6	4.2	4.2	4.2
75°	17.9	16.4	14.8	12.7	10.3	8.3	7.3	6.4	5.5	4.4	4.2
72.5°	27.7	24.9	21.9	18.4	15.4	12.6	10.1	8.3	7.4	6.2	4.6
70°	40.2	34.5	30.6	26.1	21.3	17.0	13.9	11.5	9.3	8.0	6.4
67.5°	54.6	46.7	40.2	33.9	28.2	22.9	17.9	15.1	12.7	9.8	8.1
65°	65.6	57.5	49.6	42.4	35.4	28.9	23.2	19.2	16.1	13.0	9.8
62.5°	77.1	67.2	58.7	50.7	42.9	35.4	28.6	24.7	19.9	16.2	12.4
60°	90.1	80.2	68.4	59.1	50.4	41.9	35.1	30.2	25.1	19.3	15.2
57.5°	105.7	94.5	81.0	68.3	58.0	48.5	42.0	36.5	30.4	23.9	18.1
55°	122.5	109.4	93.4	78.8	66.1	55.4	49.5	43.3	35.9	28.8	21.2
52.5°	141.7	124.2	106.2	89.3	74.7	63.5	58.1	50.3	42.4	33.6	25.9
50°	159.7	139.8	119.4	100.6	83.1	73.9	67.1	58.7	49.0	38.9	31.0
47.5°	174.6	154.0	133.1	111.8	92.9	85.2	77.6	67.6	55.7	44.9	36.2
45°	189.7	166.9	145.6	123.8	106.2	97.9	89.0	76.7	64.0	52.1	41.6
42.5°	204.7	180.4	156.8	134.9	121.3	110.8	101.0	87.6	72.6	59.6	47.7
40°	223.8	194.0	167.8	148.4	136.1	123.6	112.8	99.0	81.5	67.9	54.5
37.5°	242.5	209.6	180.0	162.9	150.1	136.7	124.2	110.8	92.7	77.2	61.4
35°	266.5	225.9	197.2	178.0	163.0	149.3	135.5	122.3	105.7	86.7	68.4
32.5°	289.6	246.5	217.1	193.4	175.2	161.3	146.5	136.7	119.2	96.3	75.5
30°	320.7	273.9	236.4	207.9	187.3	172.2	160.2	152.9	133.1	106.0	82.9
27.5°	359.1	300.8	256.3	224.1	200.1	182.9	178.6	170.8	147.4	116.4	90.8
25°	398.1	332.7	280.2	240.4	212.0	201.1	196.7	190.1	162.3	128.2	98.6
22.5°	441.2	365.1	303.3	255.8	232.3	218.6	214.0	206.5	178.0	139.9	106.3
20°	482.9	395.8	327.1	281.5	254.3	237.5	230.2	222.6	194.4	151.6	113.8
17.5°	520.9	430.3	360.3	309.6	276.5	255.9	245.9	238.4	211.2	163.1	121.1
15°	546.3	467.2	391.4	335.8	297.9	273.8	261.1	253.9	228.2	174.3	126.3
12.5°	567.8	499.5	419.4	360.2	318.3	291.3	275.8	269.1	245.2	181.6	129.0
10°	585.8	527.2	444.4	382.9	337.7	308.2	290.0	279.8	251.8	185.2	131.4
7.5°	600.6	550.8	466.6	403.7	353.7	316.8	292.2	281.7	255.7	188.0	133.4
5°	610.9	564.6	477.2	409.1	354.9	316.1	292.2	283.3	258.4	189.8	135.0
2.5°	612.5	566.0	479.8	410.9	355.2	314.6	292.0	284.5	259.8	190.7	136.0
0°	612.4	564.1	480.2	411.0	354.4	312.5	291.5	285.2	260.0	190.8	136.3
-2.5°	612.5	566.0	479.8	410.9	355.2	314.6	292.0	284.5	259.8	190.7	136.0
-5°	610.9	564.6	477.2	409.1	354.9	316.1	292.2	283.3	258.4	189.8	135.0
-7.5°	600.6	550.8	466.6	403.7	353.7	316.8	292.2	281.7	255.7	188.0	133.4
-10°	585.8	527.2	444.4	382.9	337.7	308.2	290.0	279.8	251.8	185.2	131.4
-12.5°	567.8	499.5	419.4	360.2	318.3	291.3	275.8	269.1	245.2	181.6	129.0
-15°	546.3	467.2	391.4	335.8	297.9	273.8	261.1	253.9	228.2	174.3	126.3
-17.5°	520.9	430.3	360.3	309.6	276.5	255.9	245.9	238.4	211.2	163.1	121.1
-20°	482.9	395.8	327.1	281.5	254.3	237.5	230.2	222.6	194.4	151.6	113.8



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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°	441.2	365.1	303.3	255.8	232.3	218.6	214.0	206.5	178.0	139.9	106.3
-25°	398.1	332.7	280.2	240.4	212.0	201.1	196.7	190.1	162.3	128.2	98.6
-27.5°	359.1	300.8	256.3	224.1	200.1	182.9	178.6	170.8	147.4	116.4	90.8
-30°	320.7	273.9	236.4	207.9	187.3	172.2	160.2	152.9	133.1	106.0	82.9
-32.5°	289.6	246.5	217.1	193.4	175.2	161.3	146.5	136.7	119.2	96.3	75.5
-35°	266.5	225.9	197.2	178.0	163.0	149.3	135.5	122.3	105.7	86.7	68.4
-37.5°	242.5	209.6	180.0	162.9	150.1	136.7	124.2	110.8	92.7	77.2	61.4
-40°	223.8	194.0	167.8	148.4	136.1	123.6	112.8	99.0	81.5	67.9	54.5
-42.5°	204.7	180.4	156.8	134.9	121.3	110.8	101.0	87.6	72.6	59.6	47.7
-45°	189.7	166.9	145.6	123.8	106.2	97.9	89.0	76.7	64.0	52.1	41.6
-47.5°	174.6	154.0	133.1	111.8	92.9	85.2	77.6	67.6	55.7	44.9	36.2
-50°	159.7	139.8	119.4	100.6	83.1	73.9	67.1	58.7	49.0	38.9	31.0
-52.5°	141.7	124.2	106.2	89.3	74.7	63.5	58.1	50.3	42.4	33.6	25.9
-55°	122.5	109.4	93.4	78.8	66.1	55.4	49.5	43.3	35.9	28.8	21.2
-57.5°	105.7	94.5	81.0	68.3	58.0	48.5	42.0	36.5	30.4	23.9	18.1
-60°	90.1	80.2	68.4	59.1	50.4	41.9	35.1	30.2	25.1	19.3	15.2
-62.5°	77.1	67.2	58.7	50.7	42.9	35.4	28.6	24.7	19.9	16.2	12.4
-65°	65.6	57.5	49.6	42.4	35.4	28.9	23.2	19.2	16.1	13.0	9.8
-67.5°	54.6	46.7	40.2	33.9	28.2	22.9	17.9	15.1	12.7	9.8	8.1
-70°	40.2	34.5	30.6	26.1	21.3	17.0	13.9	11.5	9.3	8.0	6.4
-72.5°	27.7	24.9	21.9	18.4	15.4	12.6	10.1	8.3	7.4	6.2	4.6
-75°	17.9	16.4	14.8	12.7	10.3	8.3	7.3	6.4	5.5	4.4	4.2
-77.5°	11.7	10.3	8.7	7.8	7.0	6.2	5.4	4.6	4.2	4.2	4.2
-80°	7.1	6.6	6.0	5.4	4.8	4.2	4.1	4.2	4.2	4.2	4.2
-82.5°	4.3	4.0	3.8	3.6	3.6	3.7	3.9	4.2	4.2	4.2	3.8
-85°	2.8	2.7	2.6	2.4	2.8	3.2	3.4	3.5	3.2	2.9	2.5
-87.5°	1.4	1.3	1.3	1.2	1.4	1.6	1.7	1.8	1.6	1.4	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



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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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
80°	4.2	3.6	2.9	2.2	1.5	0.7	0.0
77.5°	4.2	4.2	3.6	2.7	1.8	0.9	0.0
75°	4.2	4.2	4.2	3.3	2.2	1.1	0.0
72.5°	4.2	4.2	4.2	3.8	2.5	1.3	0.0
70°	4.4	4.2	4.2	4.2	2.9	1.4	0.0
67.5°	6.0	4.2	4.2	4.2	3.2	1.6	0.0
65°	7.6	4.9	4.2	4.2	3.5	1.8	0.0
62.5°	9.2	6.3	4.2	4.2	3.9	1.9	0.0
60°	10.7	7.7	4.2	4.2	4.2	2.1	0.0
57.5°	13.4	9.1	5.3	4.2	4.2	2.3	0.0
55°	16.3	10.4	6.4	4.2	4.3	2.4	0.0
52.5°	19.3	12.0	7.5	4.2	4.3	2.6	0.0
50°	22.3	14.6	8.6	4.2	4.3	2.7	0.0
47.5°	25.6	17.3	9.7	4.4	4.4	2.8	0.0
45°	30.3	19.9	10.7	5.2	4.5	3.0	0.0
42.5°	35.1	22.6	11.8	6.0	4.5	3.1	0.0
40°	39.9	25.3	13.3	6.7	4.6	3.2	0.0
37.5°	44.7	27.9	15.4	7.4	4.7	3.3	0.0
35°	49.6	31.4	17.4	8.0	4.8	3.4	0.0
32.5°	54.8	35.2	19.4	8.6	4.9	3.5	0.0
30°	60.5	39.0	21.3	9.1	5.0	3.6	0.0
27.5°	66.2	42.7	22.5	9.5	5.1	3.7	0.0
25°	71.7	46.3	23.5	9.9	5.2	3.8	0.0
22.5°	77.2	49.1	24.2	10.2	5.3	3.9	0.0
20°	82.5	50.1	24.8	10.4	5.4	3.9	0.0
17.5°	85.3	50.8	25.1	10.6	5.5	4.0	0.0
15°	86.3	51.1	25.3	10.7	5.6	4.1	0.0
12.5°	87.0	51.0	25.3	10.8	5.8	4.1	0.0
10°	87.2	50.6	25.1	10.8	5.9	4.1	0.0
7.5°	87.0	49.9	24.8	10.8	6.0	4.2	0.0
5°	86.4	48.9	24.4	10.7	6.1	4.2	0.0
2.5°	85.4	47.6	23.8	10.6	6.2	4.2	0.0
0°	83.9	46.1	23.1	10.5	6.3	4.2	0.0
-2.5°	85.4	47.6	23.8	10.6	6.2	4.2	0.0
-5°	86.4	48.9	24.4	10.7	6.1	4.2	0.0
-7.5°	87.0	49.9	24.8	10.8	6.0	4.2	0.0
-10°	87.2	50.6	25.1	10.8	5.9	4.1	0.0
-12.5°	87.0	51.0	25.3	10.8	5.8	4.1	0.0
-15°	86.3	51.1	25.3	10.7	5.6	4.1	0.0
-17.5°	85.3	50.8	25.1	10.6	5.5	4.0	0.0
-20°	82.5	50.1	24.8	10.4	5.4	3.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.2	49.1	24.2	10.2	5.3	3.9	0.0
-25°	71.7	46.3	23.5	9.9	5.2	3.8	0.0
-27.5°	66.2	42.7	22.5	9.5	5.1	3.7	0.0
-30°	60.5	39.0	21.3	9.1	5.0	3.6	0.0
-32.5°	54.8	35.2	19.4	8.6	4.9	3.5	0.0
-35°	49.6	31.4	17.4	8.0	4.8	3.4	0.0
-37.5°	44.7	27.9	15.4	7.4	4.7	3.3	0.0
-40°	39.9	25.3	13.3	6.7	4.6	3.2	0.0
-42.5°	35.1	22.6	11.8	6.0	4.5	3.1	0.0
-45°	30.3	19.9	10.7	5.2	4.5	3.0	0.0
-47.5°	25.6	17.3	9.7	4.4	4.4	2.8	0.0
-50°	22.3	14.6	8.6	4.2	4.3	2.7	0.0
-52.5°	19.3	12.0	7.5	4.2	4.3	2.6	0.0
-55°	16.3	10.4	6.4	4.2	4.3	2.4	0.0
-57.5°	13.4	9.1	5.3	4.2	4.2	2.3	0.0
-60°	10.7	7.7	4.2	4.2	4.2	2.1	0.0
-62.5°	9.2	6.3	4.2	4.2	3.9	1.9	0.0
-65°	7.6	4.9	4.2	4.2	3.5	1.8	0.0
-67.5°	6.0	4.2	4.2	4.2	3.2	1.6	0.0
-70°	4.4	4.2	4.2	4.2	2.9	1.4	0.0
-72.5°	4.2	4.2	4.2	3.8	2.5	1.3	0.0
-75°	4.2	4.2	4.2	3.3	2.2	1.1	0.0
-77.5°	4.2	4.2	3.6	2.7	1.8	0.9	0.0
-80°	4.2	3.6	2.9	2.2	1.5	0.7	0.0
-82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)