

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: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558945 (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-927-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

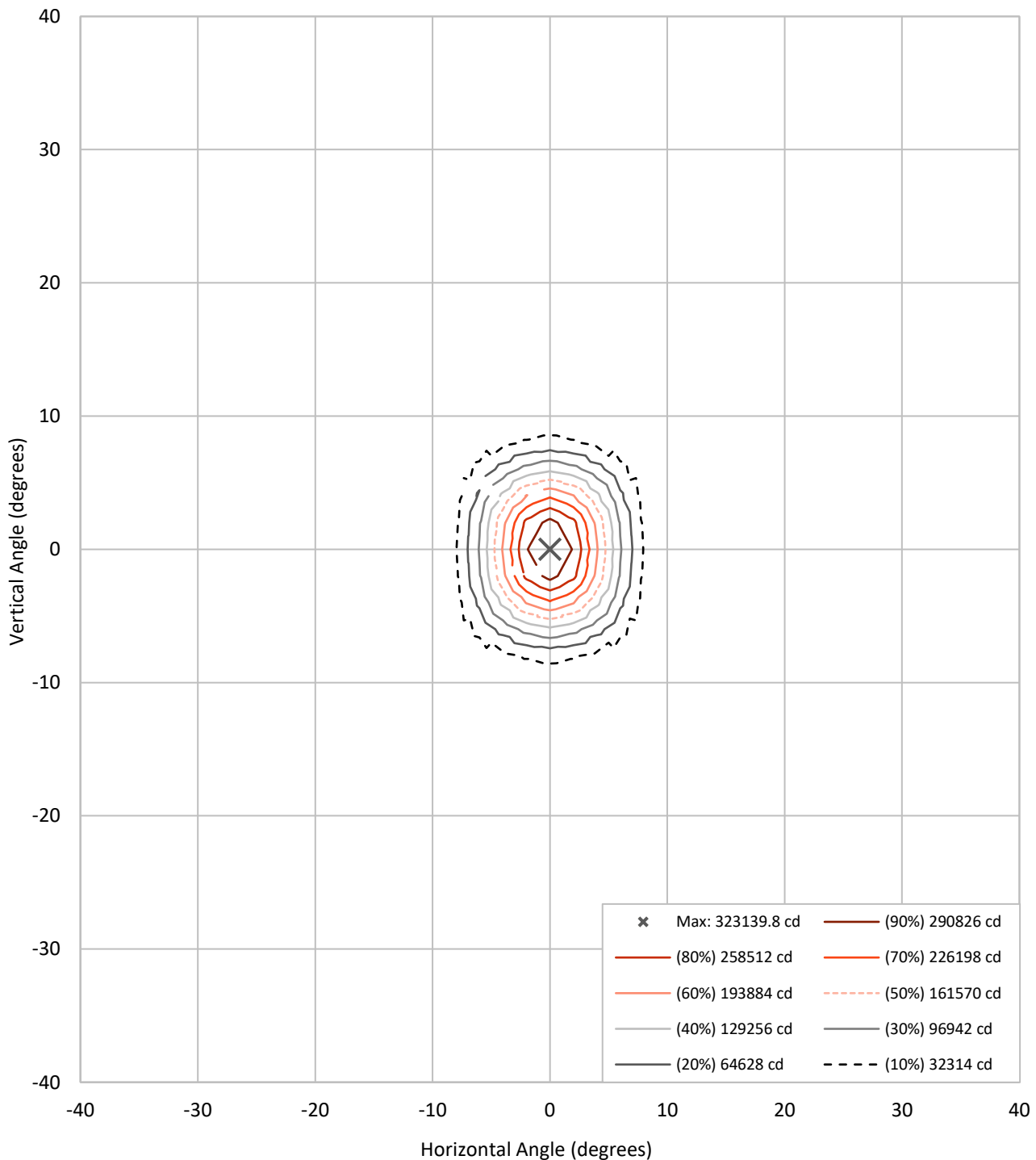
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12583.7 lumens	Max Intensity:	323139.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5393.6 lumens	Field Lumens:	9295.8 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





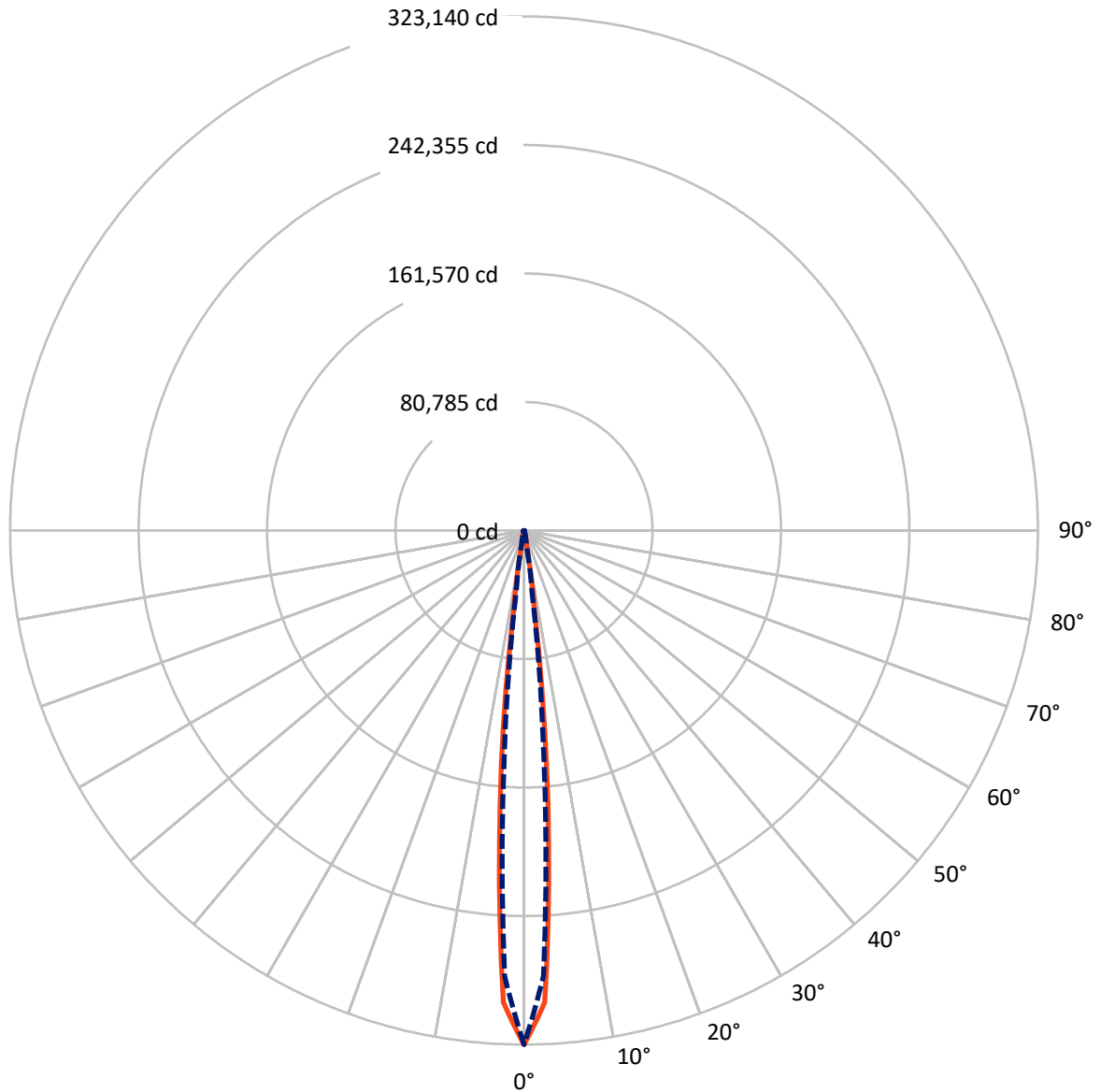
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Lumen Table

90	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		0.1			
80	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		0.1			
70	0.2	0.2	0.7	1.4	2.1	2.8	4.4	7.8	7.8	4.4	2.8	2.1	1.4	0.7	0.2	0.2			
60		0.5	1.2	2.6	4.1	5.6	7.5	10.2	10.2	7.5	5.6	4.1	2.6	1.2	0.5				
50	0.6	0.9	2.0	4.1	7.1	10.7	13.7	16.4	16.4	13.7	10.7	7.1	4.1	2.0	0.9	0.6			
40		1.4	2.8	6.1	11.1	14.9	16.9	17.9	17.9	16.9	14.9	11.1	6.1	2.8	1.4				
30	1.3	2.0	3.9	8.7	13.6	16.2	22.1	29.0	29.0	22.1	16.2	13.6	8.7	3.9	2.0	1.3			
20		2.7	5.4	11.0	15.0	21.3	43.2	86.4	86.4	43.2	21.3	15.0	11.0	5.4	2.7				
10	1.5	3.1	6.4	12.2	15.6	27.4	85.5	2528.3	2528.3	85.5	27.4	15.6	12.2	6.4	3.1	1.5			
0		3.1	6.4	12.2	15.6	27.4	85.5	2528.3	2528.3	85.5	27.4	15.6	12.2	6.4	3.1				
-10	1.3	2.7	5.4	11.0	15.0	21.3	43.2	86.4	86.4	43.2	21.3	15.0	11.0	5.4	2.7	1.3			
-20		2.0	3.9	8.7	13.6	16.2	22.1	29.0	29.0	22.1	16.2	13.6	8.7	3.9	2.0				
-30	0.6	1.4	2.8	6.1	11.1	14.9	16.9	17.9	17.9	16.9	14.9	11.1	6.1	2.8	1.4	0.6			
-40		0.9	2.0	4.1	7.1	10.7	13.7	16.4	16.4	13.7	10.7	7.1	4.1	2.0	0.9				
-50	0.2	0.5	1.2	2.6	4.1	5.6	7.5	10.2	10.2	7.5	5.6	4.1	2.6	1.2	0.5	0.2			
-60		0.2	0.7	1.4	2.1	2.8	4.4	7.8	7.8	4.4	2.8	2.1	1.4	0.7	0.2				
-70	0.1	0.4		1.3		3.0		5.2		3.0		1.3		0.4		0.1			
-80		0.4		1.3		3.0		5.2		3.0		1.3		0.4					
-90	0.1	0.4		1.3		3.0		5.2		3.0		1.3		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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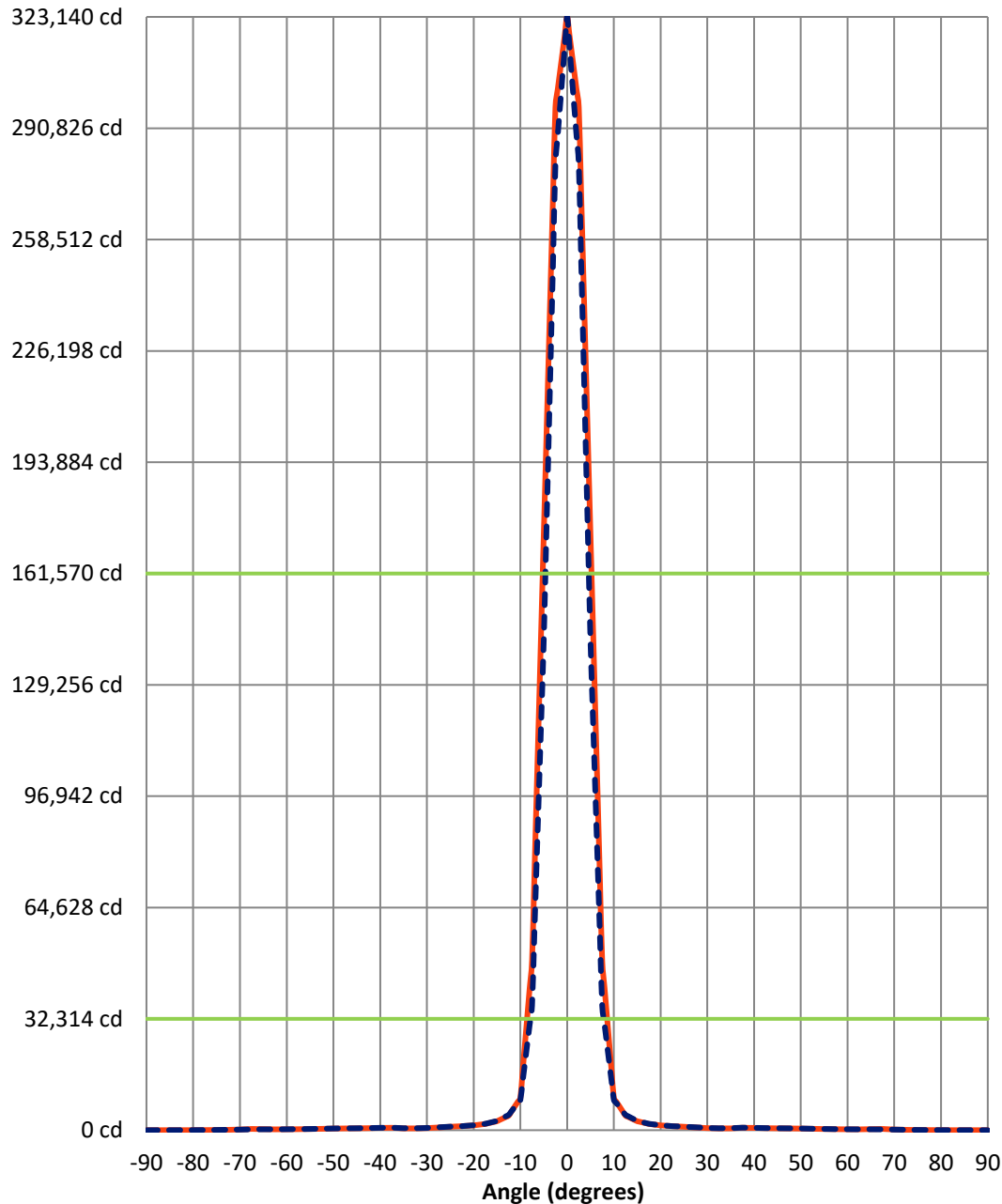
Luminous Intensity Polar Plot



— 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: 5393.6
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 9295.8
 Efficiency: 73.9%

Spill:
 Lumens: 3287.9
 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	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.7	3.7	3.7
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.7	3.7	3.7	3.7	3.7
77.5°	0.0	0.8	1.6	2.4	3.2	3.7	3.7	3.7	3.7	3.7	4.1
75°	0.0	1.0	1.9	2.9	3.7	3.7	3.7	3.7	3.8	4.9	5.7
72.5°	0.0	1.1	2.2	3.3	3.7	3.7	3.7	4.1	5.4	6.5	7.3
70°	0.0	1.3	2.5	3.7	3.7	3.7	3.9	5.6	7.0	8.1	10.1
67.5°	0.0	1.4	2.8	3.7	3.7	3.7	5.3	7.1	8.6	11.1	13.2
65°	0.0	1.6	3.1	3.7	3.7	4.3	6.6	8.6	11.4	14.1	16.8
62.5°	0.0	1.7	3.4	3.7	3.7	5.5	8.0	10.8	14.2	17.4	21.6
60°	0.0	1.8	3.7	3.7	3.7	6.7	9.4	13.3	16.9	22.0	26.5
57.5°	0.0	2.0	3.7	3.7	4.6	7.9	11.8	15.9	20.9	26.6	32.0
55°	0.0	2.1	3.7	3.7	5.6	9.1	14.3	18.6	25.2	31.5	38.0
52.5°	0.0	2.3	3.8	3.7	6.6	10.5	16.9	22.7	29.5	37.2	44.1
50°	0.0	2.4	3.8	3.7	7.5	12.8	19.5	27.2	34.1	43.0	51.5
47.5°	0.0	2.5	3.9	3.9	8.5	15.1	22.5	31.7	39.4	48.8	59.2
45°	0.0	2.6	3.9	4.6	9.4	17.4	26.6	36.5	45.7	56.1	67.3
42.5°	0.0	2.7	4.0	5.2	10.3	19.8	30.7	41.9	52.3	63.6	76.8
40°	0.0	2.8	4.0	5.9	11.6	22.1	35.0	47.8	59.5	71.4	86.8
37.5°	0.0	2.9	4.1	6.5	13.4	24.5	39.2	53.8	67.7	81.3	97.2
35°	0.0	3.0	4.2	7.0	15.2	27.5	43.5	60.0	76.1	92.7	107.2
32.5°	0.0	3.1	4.3	7.5	16.9	30.9	48.0	66.2	84.5	104.5	119.8
30°	0.0	3.2	4.4	8.0	18.6	34.2	53.0	72.7	92.9	116.7	134.1
27.5°	0.0	3.3	4.4	8.3	19.7	37.4	58.0	79.6	102.1	129.3	149.7
25°	0.0	3.4	4.5	8.7	20.5	40.6	62.9	86.5	112.4	142.3	166.6
22.5°	0.0	3.4	4.6	8.9	21.2	43.1	67.7	93.2	122.7	156.1	181.0
20°	0.0	3.5	4.7	9.1	21.7	43.9	72.4	99.8	132.9	170.4	195.1
17.5°	0.0	3.5	4.8	9.3	22.0	44.5	74.8	106.2	143.0	185.2	209.0
15°	0.0	3.6	4.9	9.4	22.2	44.8	75.7	110.7	152.8	200.1	222.6
12.5°	0.0	3.6	5.0	9.4	22.1	44.7	76.2	113.1	159.2	215.0	235.9
10°	0.0	3.6	5.1	9.5	22.0	44.3	76.4	115.2	162.4	220.7	245.3
7.5°	0.0	3.7	5.2	9.4	21.7	43.7	76.2	117.0	164.8	224.2	247.0
5°	0.0	3.7	5.3	9.4	21.3	42.8	75.7	118.3	166.4	226.5	248.3
2.5°	0.0	3.7	5.4	9.3	20.8	41.7	74.8	119.2	167.2	227.7	249.4
0°	0.0	3.7	5.5	9.2	20.2	40.4	73.5	119.5	167.3	227.9	250.0
-2.5°	0.0	3.7	5.4	9.3	20.8	41.7	74.8	119.2	167.2	227.7	249.4
-5°	0.0	3.7	5.3	9.4	21.3	42.8	75.7	118.3	166.4	226.5	248.3
-7.5°	0.0	3.7	5.2	9.4	21.7	43.7	76.2	117.0	164.8	224.2	247.0
-10°	0.0	3.6	5.1	9.5	22.0	44.3	76.4	115.2	162.4	220.7	245.3
-12.5°	0.0	3.6	5.0	9.4	22.1	44.7	76.2	113.1	159.2	215.0	235.9
-15°	0.0	3.6	4.9	9.4	22.2	44.8	75.7	110.7	152.8	200.1	222.6
-17.5°	0.0	3.5	4.8	9.3	22.0	44.5	74.8	106.2	143.0	185.2	209.0
-20°	0.0	3.5	4.7	9.1	21.7	43.9	72.4	99.8	132.9	170.4	195.1



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	4.6	8.9	21.2	43.1	67.7	93.2	122.7	156.1	181.0
-25°	0.0	3.4	4.5	8.7	20.5	40.6	62.9	86.5	112.4	142.3	166.6
-27.5°	0.0	3.3	4.4	8.3	19.7	37.4	58.0	79.6	102.1	129.3	149.7
-30°	0.0	3.2	4.4	8.0	18.6	34.2	53.0	72.7	92.9	116.7	134.1
-32.5°	0.0	3.1	4.3	7.5	16.9	30.9	48.0	66.2	84.5	104.5	119.8
-35°	0.0	3.0	4.2	7.0	15.2	27.5	43.5	60.0	76.1	92.7	107.2
-37.5°	0.0	2.9	4.1	6.5	13.4	24.5	39.2	53.8	67.7	81.3	97.2
-40°	0.0	2.8	4.0	5.9	11.6	22.1	35.0	47.8	59.5	71.4	86.8
-42.5°	0.0	2.7	4.0	5.2	10.3	19.8	30.7	41.9	52.3	63.6	76.8
-45°	0.0	2.6	3.9	4.6	9.4	17.4	26.6	36.5	45.7	56.1	67.3
-47.5°	0.0	2.5	3.9	3.9	8.5	15.1	22.5	31.7	39.4	48.8	59.2
-50°	0.0	2.4	3.8	3.7	7.5	12.8	19.5	27.2	34.1	43.0	51.5
-52.5°	0.0	2.3	3.8	3.7	6.6	10.5	16.9	22.7	29.5	37.2	44.1
-55°	0.0	2.1	3.7	3.7	5.6	9.1	14.3	18.6	25.2	31.5	38.0
-57.5°	0.0	2.0	3.7	3.7	4.6	7.9	11.8	15.9	20.9	26.6	32.0
-60°	0.0	1.8	3.7	3.7	3.7	6.7	9.4	13.3	16.9	22.0	26.5
-62.5°	0.0	1.7	3.4	3.7	3.7	5.5	8.0	10.8	14.2	17.4	21.6
-65°	0.0	1.6	3.1	3.7	3.7	4.3	6.6	8.6	11.4	14.1	16.8
-67.5°	0.0	1.4	2.8	3.7	3.7	3.7	5.3	7.1	8.6	11.1	13.2
-70°	0.0	1.3	2.5	3.7	3.7	3.7	3.9	5.6	7.0	8.1	10.1
-72.5°	0.0	1.1	2.2	3.3	3.7	3.7	3.7	4.1	5.4	6.5	7.3
-75°	0.0	1.0	1.9	2.9	3.7	3.7	3.7	3.7	3.8	4.9	5.7
-77.5°	0.0	0.8	1.6	2.4	3.2	3.7	3.7	3.7	3.7	3.7	4.1
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.7	3.7	3.7	3.7	3.7
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.7	3.7	3.7
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	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



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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°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	3.0	2.8	2.4	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
82.5°	3.4	3.2	3.2	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.1
80°	3.6	3.7	4.2	4.8	5.3	5.8	6.3	6.7	7.2	7.9	8.8
77.5°	4.8	5.5	6.2	6.9	7.7	9.1	10.3	11.3	12.5	14.0	15.5
75°	6.5	7.3	9.1	11.1	12.9	14.4	15.7	17.7	20.1	22.8	25.4
72.5°	8.9	11.1	13.5	16.0	19.1	21.7	24.3	26.7	30.6	35.0	38.2
70°	12.2	14.8	18.6	22.8	26.8	30.2	35.2	41.2	47.3	50.4	52.2
67.5°	15.6	20.0	24.7	29.7	35.2	40.9	47.9	54.3	60.5	63.0	65.3
65°	20.3	25.3	31.0	37.1	43.5	50.4	57.5	64.7	71.2	74.5	78.2
62.5°	25.0	31.0	37.6	44.5	51.5	58.9	67.5	74.8	80.4	87.0	94.8
60°	30.8	36.7	44.2	51.8	59.9	70.3	78.9	87.0	94.5	102.0	113.7
57.5°	36.8	42.6	50.9	59.9	71.0	82.8	92.7	101.4	111.7	122.4	134.2
55°	43.4	48.6	57.9	69.1	81.8	95.9	107.4	119.4	131.3	140.9	151.3
52.5°	50.9	55.7	65.5	78.3	93.1	108.9	124.3	136.7	147.7	158.3	170.2
50°	58.8	64.8	72.8	88.2	104.7	122.6	140.0	152.5	165.0	177.4	190.8
47.5°	68.0	74.7	81.4	98.0	116.7	135.0	153.0	169.0	182.9	199.4	214.7
45°	78.0	85.8	93.0	108.4	127.6	146.3	166.3	185.6	205.0	224.6	249.0
42.5°	88.6	97.1	106.3	118.2	137.4	158.1	179.5	205.2	229.9	257.1	288.9
40°	98.9	108.3	119.3	130.1	147.1	170.1	196.2	225.0	259.9	295.1	333.5
37.5°	108.9	119.8	131.6	142.8	157.8	183.7	212.5	249.3	291.3	335.7	384.7
35°	118.7	130.8	142.8	156.1	173.0	198.0	233.6	275.3	325.6	381.8	426.6
32.5°	128.4	141.4	153.6	169.5	190.3	216.0	253.9	306.4	364.5	421.5	451.5
30°	140.4	150.9	164.2	182.3	207.3	240.1	281.1	337.7	403.8	442.7	470.6
27.5°	156.6	160.3	175.4	196.5	224.7	263.7	314.7	373.5	428.2	462.4	487.3
25°	172.4	176.3	185.9	210.7	245.6	291.6	349.0	416.0	448.4	477.3	506.2
22.5°	187.6	191.7	203.7	224.3	265.9	320.0	386.7	445.4	476.3	494.7	526.0
20°	201.8	208.2	222.9	246.7	286.7	347.0	423.3	472.6	502.0	524.1	553.0
17.5°	215.6	224.3	242.4	271.4	315.9	377.2	456.6	499.7	528.5	549.8	585.5
15°	228.9	240.1	261.1	294.4	343.1	409.5	478.8	522.0	552.9	574.0	615.7
12.5°	241.8	255.4	279.0	315.8	367.6	437.8	497.7	536.4	567.3	599.3	642.4
10°	254.2	270.2	296.0	335.6	389.6	462.2	513.4	547.9	578.8	619.6	664.6
7.5°	256.1	277.7	310.0	353.9	409.1	482.8	526.4	557.0	590.4	638.1	684.6
5°	256.2	277.1	311.1	358.6	418.3	494.9	535.5	563.8	601.6	654.7	702.5
2.5°	255.9	275.8	311.4	360.2	420.7	496.2	536.8	565.6	608.1	670.9	719.0
0°	255.5	273.9	310.7	360.3	421.0	494.5	536.8	566.2	612.1	685.7	733.5
-2.5°	255.9	275.8	311.4	360.2	420.7	496.2	536.8	565.6	608.1	670.9	719.0
-5°	256.2	277.1	311.1	358.6	418.3	494.9	535.5	563.8	601.6	654.7	702.5
-7.5°	256.1	277.7	310.0	353.9	409.1	482.8	526.4	557.0	590.4	638.1	684.6
-10°	254.2	270.2	296.0	335.6	389.6	462.2	513.4	547.9	578.8	619.6	664.6
-12.5°	241.8	255.4	279.0	315.8	367.6	437.8	497.7	536.4	567.3	599.3	642.4
-15°	228.9	240.1	261.1	294.4	343.1	409.5	478.8	522.0	552.9	574.0	615.7
-17.5°	215.6	224.3	242.4	271.4	315.9	377.2	456.6	499.7	528.5	549.8	585.5
-20°	201.8	208.2	222.9	246.7	286.7	347.0	423.3	472.6	502.0	524.1	553.0



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	187.6	191.7	203.7	224.3	265.9	320.0	386.7	445.4	476.3	494.7	526.0
-25°	172.4	176.3	185.9	210.7	245.6	291.6	349.0	416.0	448.4	477.3	506.2
-27.5°	156.6	160.3	175.4	196.5	224.7	263.7	314.7	373.5	428.2	462.4	487.3
-30°	140.4	150.9	164.2	182.3	207.3	240.1	281.1	337.7	403.8	442.7	470.6
-32.5°	128.4	141.4	153.6	169.5	190.3	216.0	253.9	306.4	364.5	421.5	451.5
-35°	118.7	130.8	142.8	156.1	173.0	198.0	233.6	275.3	325.6	381.8	426.6
-37.5°	108.9	119.8	131.6	142.8	157.8	183.7	212.5	249.3	291.3	335.7	384.7
-40°	98.9	108.3	119.3	130.1	147.1	170.1	196.2	225.0	259.9	295.1	333.5
-42.5°	88.6	97.1	106.3	118.2	137.4	158.1	179.5	205.2	229.9	257.1	288.9
-45°	78.0	85.8	93.0	108.4	127.6	146.3	166.3	185.6	205.0	224.6	249.0
-47.5°	68.0	74.7	81.4	98.0	116.7	135.0	153.0	169.0	182.9	199.4	214.7
-50°	58.8	64.8	72.8	88.2	104.7	122.6	140.0	152.5	165.0	177.4	190.8
-52.5°	50.9	55.7	65.5	78.3	93.1	108.9	124.3	136.7	147.7	158.3	170.2
-55°	43.4	48.6	57.9	69.1	81.8	95.9	107.4	119.4	131.3	140.9	151.3
-57.5°	36.8	42.6	50.9	59.9	71.0	82.8	92.7	101.4	111.7	122.4	134.2
-60°	30.8	36.7	44.2	51.8	59.9	70.3	78.9	87.0	94.5	102.0	113.7
-62.5°	25.0	31.0	37.6	44.5	51.5	58.9	67.5	74.8	80.4	87.0	94.8
-65°	20.3	25.3	31.0	37.1	43.5	50.4	57.5	64.7	71.2	74.5	78.2
-67.5°	15.6	20.0	24.7	29.7	35.2	40.9	47.9	54.3	60.5	63.0	65.3
-70°	12.2	14.8	18.6	22.8	26.8	30.2	35.2	41.2	47.3	50.4	52.2
-72.5°	8.9	11.1	13.5	16.0	19.1	21.7	24.3	26.7	30.6	35.0	38.2
-75°	6.5	7.3	9.1	11.1	12.9	14.4	15.7	17.7	20.1	22.8	25.4
-77.5°	4.8	5.5	6.2	6.9	7.7	9.1	10.3	11.3	12.5	14.0	15.5
-80°	3.6	3.7	4.2	4.8	5.3	5.8	6.3	6.7	7.2	7.9	8.8
-82.5°	3.4	3.2	3.2	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.1
-85°	3.0	2.8	2.4	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
-87.5°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	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



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6
82.5°	5.4	5.7	5.9	6.1	6.4	6.6	6.7	6.9	7.0	7.1	7.2
80°	9.8	10.6	11.2	11.7	12.0	13.3	14.9	16.6	18.3	19.0	19.4
77.5°	17.5	18.8	19.6	20.2	20.6	23.5	27.2	31.0	35.0	37.1	38.8
75°	27.9	29.4	30.4	31.1	31.5	35.9	42.5	49.3	56.4	60.1	62.8
72.5°	40.4	41.6	42.6	43.5	44.0	50.5	62.3	75.1	88.7	97.0	103.1
70°	53.8	55.2	56.4	57.4	58.1	65.9	83.0	100.9	119.4	137.8	157.5
67.5°	68.0	71.1	72.7	73.6	74.6	81.2	99.4	116.1	131.7	165.1	217.7
65°	83.5	90.6	93.5	95.2	95.8	98.8	114.4	128.4	141.1	167.1	207.2
62.5°	103.3	112.6	116.9	118.8	119.9	120.1	132.8	144.6	155.4	171.6	197.2
60°	124.5	134.6	139.9	141.4	142.3	142.7	152.8	164.5	175.3	188.5	212.3
57.5°	144.0	153.5	161.3	164.4	166.9	168.6	177.5	191.2	204.0	217.2	242.8
55°	162.7	174.1	185.0	191.0	196.6	201.6	210.4	227.7	244.1	259.6	286.2
52.5°	183.0	197.6	212.1	223.0	233.7	243.1	252.6	274.9	296.8	317.5	343.3
50°	207.2	225.3	246.5	264.3	279.6	294.7	308.3	334.7	364.4	392.6	419.8
47.5°	237.9	261.8	288.9	314.3	335.1	358.5	379.7	406.8	433.1	459.3	481.8
45°	275.6	308.7	339.9	373.6	403.3	418.8	431.1	448.0	475.0	500.8	521.7
42.5°	323.8	362.4	400.8	425.9	444.9	457.5	466.5	475.4	503.7	528.6	548.9
40°	377.5	416.3	439.9	460.5	473.7	484.9	498.9	512.7	534.9	560.4	583.0
37.5°	424.0	448.9	469.7	485.8	501.8	516.7	536.9	556.7	577.8	606.5	627.5
35°	452.7	474.5	495.7	515.9	536.3	559.2	584.4	613.6	639.5	616.0	582.0
32.5°	474.5	496.9	522.5	553.7	581.9	613.1	644.7	593.9	541.8	521.5	525.6
30°	493.5	519.5	554.7	595.5	634.6	620.7	551.2	527.0	534.2	548.5	575.9
27.5°	513.9	546.4	589.2	639.4	608.5	531.7	535.7	549.8	597.4	637.8	699.1
25°	538.0	577.2	630.3	607.1	536.6	543.9	579.6	633.3	724.0	808.6	882.5
22.5°	567.1	616.9	624.0	536.7	546.3	592.9	665.2	781.6	891.8	994.0	1070.3
20°	596.6	654.1	565.7	547.3	588.2	671.4	805.6	939.2	1062.2	1153.6	1230.0
17.5°	631.9	611.6	549.1	568.7	651.5	795.1	946.2	1087.9	1203.8	1361.9	1496.4
15°	662.9	570.7	559.1	623.9	748.4	910.0	1074.1	1201.4	1411.0	1637.5	1866.5
12.5°	645.1	556.2	577.1	673.0	836.6	1011.3	1156.5	1358.0	1635.2	1966.0	2463.1
10°	618.9	564.4	615.5	740.9	912.2	1082.4	1233.2	1497.2	1863.1	2470.7	3253.5
7.5°	598.5	567.9	640.8	793.1	968.4	1125.3	1326.3	1646.5	2156.5	2990.1	4656.8
5°	583.1	567.8	652.4	823.3	1001.8	1155.0	1383.8	1755.1	2444.0	3631.7	6479.7
2.5°	576.3	564.8	655.6	839.5	1018.0	1171.4	1419.5	1833.1	2625.4	4227.6	8520.5
0°	580.9	558.8	654.4	845.6	1027.6	1169.1	1424.7	1856.7	2680.2	4447.7	8794.3
-2.5°	576.3	564.8	655.6	839.5	1018.0	1171.4	1419.5	1833.1	2625.4	4227.6	8520.5
-5°	583.1	567.8	652.4	823.3	1001.8	1155.0	1383.8	1755.1	2444.0	3631.7	6479.7
-7.5°	598.5	567.9	640.8	793.1	968.4	1125.3	1326.3	1646.5	2156.5	2990.1	4656.8
-10°	618.9	564.4	615.5	740.9	912.2	1082.4	1233.2	1497.2	1863.1	2470.7	3253.5
-12.5°	645.1	556.2	577.1	673.0	836.6	1011.3	1156.5	1358.0	1635.2	1966.0	2463.1
-15°	662.9	570.7	559.1	623.9	748.4	910.0	1074.1	1201.4	1411.0	1637.5	1866.5
-17.5°	631.9	611.6	549.1	568.7	651.5	795.1	946.2	1087.9	1203.8	1361.9	1496.4
-20°	596.6	654.1	565.7	547.3	588.2	671.4	805.6	939.2	1062.2	1153.6	1230.0



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	567.1	616.9	624.0	536.7	546.3	592.9	665.2	781.6	891.8	994.0	1070.3
-25°	538.0	577.2	630.3	607.1	536.6	543.9	579.6	633.3	724.0	808.6	882.5
-27.5°	513.9	546.4	589.2	639.4	608.5	531.7	535.7	549.8	597.4	637.8	699.1
-30°	493.5	519.5	554.7	595.5	634.6	620.7	551.2	527.0	534.2	548.5	575.9
-32.5°	474.5	496.9	522.5	553.7	581.9	613.1	644.7	593.9	541.8	521.5	525.6
-35°	452.7	474.5	495.7	515.9	536.3	559.2	584.4	613.6	639.5	616.0	582.0
-37.5°	424.0	448.9	469.7	485.8	501.8	516.7	536.9	556.7	577.8	606.5	627.5
-40°	377.5	416.3	439.9	460.5	473.7	484.9	498.9	512.7	534.9	560.4	583.0
-42.5°	323.8	362.4	400.8	425.9	444.9	457.5	466.5	475.4	503.7	528.6	548.9
-45°	275.6	308.7	339.9	373.6	403.3	418.8	431.1	448.0	475.0	500.8	521.7
-47.5°	237.9	261.8	288.9	314.3	335.1	358.5	379.7	406.8	433.1	459.3	481.8
-50°	207.2	225.3	246.5	264.3	279.6	294.7	308.3	334.7	364.4	392.6	419.8
-52.5°	183.0	197.6	212.1	223.0	233.7	243.1	252.6	274.9	296.8	317.5	343.3
-55°	162.7	174.1	185.0	191.0	196.6	201.6	210.4	227.7	244.1	259.6	286.2
-57.5°	144.0	153.5	161.3	164.4	166.9	168.6	177.5	191.2	204.0	217.2	242.8
-60°	124.5	134.6	139.9	141.4	142.3	142.7	152.8	164.5	175.3	188.5	212.3
-62.5°	103.3	112.6	116.9	118.8	119.9	120.1	132.8	144.6	155.4	171.6	197.2
-65°	83.5	90.6	93.5	95.2	95.8	98.8	114.4	128.4	141.1	167.1	207.2
-67.5°	68.0	71.1	72.7	73.6	74.6	81.2	99.4	116.1	131.7	165.1	217.7
-70°	53.8	55.2	56.4	57.4	58.1	65.9	83.0	100.9	119.4	137.8	157.5
-72.5°	40.4	41.6	42.6	43.5	44.0	50.5	62.3	75.1	88.7	97.0	103.1
-75°	27.9	29.4	30.4	31.1	31.5	35.9	42.5	49.3	56.4	60.1	62.8
-77.5°	17.5	18.8	19.6	20.2	20.6	23.5	27.2	31.0	35.0	37.1	38.8
-80°	9.8	10.6	11.2	11.7	12.0	13.3	14.9	16.6	18.3	19.0	19.4
-82.5°	5.4	5.7	5.9	6.1	6.4	6.6	6.7	6.9	7.0	7.1	7.2
-85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	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



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
82.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.1	7.0	6.9
80°	19.8	20.0	19.3	18.4	19.3	20.0	19.8	19.4	19.0	18.3	16.6
77.5°	40.4	41.8	40.4	38.6	40.4	41.8	40.4	38.8	37.1	35.0	31.0
75°	65.2	67.3	66.1	64.3	66.1	67.3	65.2	62.8	60.1	56.4	49.3
72.5°	108.8	114.1	112.9	110.3	112.9	114.1	108.8	103.1	97.0	88.7	75.1
70°	178.1	199.0	198.2	193.0	198.2	199.0	178.1	157.5	137.8	119.4	100.9
67.5°	274.6	333.9	352.7	362.1	352.7	333.9	274.6	217.7	165.1	131.7	116.1
65°	244.6	280.4	294.6	305.2	294.6	280.4	244.6	207.2	167.1	141.1	128.4
62.5°	220.0	241.3	245.8	246.3	245.8	241.3	220.0	197.2	171.6	155.4	144.6
60°	235.5	258.0	261.4	257.4	261.4	258.0	235.5	212.3	188.5	175.3	164.5
57.5°	267.4	291.0	295.4	290.4	295.4	291.0	267.4	242.8	217.2	204.0	191.2
55°	311.6	335.5	343.4	341.9	343.4	335.5	311.6	286.2	259.6	244.1	227.7
52.5°	368.0	390.0	399.1	398.9	399.1	390.0	368.0	343.3	317.5	296.8	274.9
50°	443.5	463.2	472.9	474.3	472.9	463.2	443.5	419.8	392.6	364.4	334.7
47.5°	497.8	510.8	517.5	518.4	517.5	510.8	497.8	481.8	459.3	433.1	406.8
45°	531.1	538.1	543.4	547.8	543.4	538.1	531.1	521.7	500.8	475.0	448.0
42.5°	562.4	576.9	587.6	590.1	587.6	576.9	562.4	548.9	528.6	503.7	475.4
40°	604.4	624.4	643.6	663.6	643.6	624.4	604.4	583.0	560.4	534.9	512.7
37.5°	649.3	671.6	690.0	700.4	690.0	671.6	649.3	627.5	606.5	577.8	556.7
35°	558.0	543.4	534.7	531.3	534.7	543.4	558.0	582.0	616.0	639.5	613.6
32.5°	528.1	529.1	527.4	523.9	527.4	529.1	528.1	525.6	521.5	541.8	593.9
30°	596.3	606.0	607.2	606.6	607.2	606.0	596.3	575.9	548.5	534.2	527.0
27.5°	744.5	769.3	777.0	792.3	777.0	769.3	744.5	699.1	637.8	597.4	549.8
25°	939.8	977.2	995.2	1001.9	995.2	977.2	939.8	882.5	808.6	724.0	633.3
22.5°	1113.4	1142.0	1158.7	1172.8	1158.7	1142.0	1113.4	1070.3	994.0	891.8	781.6
20°	1319.1	1371.4	1395.3	1397.1	1395.3	1371.4	1319.1	1230.0	1153.6	1062.2	939.2
17.5°	1640.3	1742.0	1792.7	1807.0	1792.7	1742.0	1640.3	1496.4	1361.9	1203.8	1087.9
15°	2147.0	2406.4	2539.9	2603.0	2539.9	2406.4	2147.0	1866.5	1637.5	1411.0	1201.4
12.5°	2973.5	3558.5	4031.6	4209.7	4031.6	3558.5	2973.5	2463.1	1966.0	1635.2	1358.0
10°	4611.3	6358.3	8399.2	9351.3	8399.2	6358.3	4611.3	3253.5	2470.7	1863.1	1497.2
7.5°	8921.0	20713.0	40145.2	49414.8	40145.2	20713.0	8921.0	4656.8	2990.1	2156.5	1646.5
5°	19015.4	82064.4	146967.0	172625.3	146967.0	82064.4	19015.4	6479.7	3631.7	2444.0	1755.1
2.5°	30287.4	134596.3	253961.5	296955.4	253961.5	134596.3	30287.4	8520.5	4227.6	2625.4	1833.1
0°	36187.4	141839.7	280240.9	323139.8	280240.9	141839.7	36187.4	8794.3	4447.7	2680.2	1856.7
-2.5°	30287.4	134596.3	253961.5	296955.3	253961.5	134596.3	30287.4	8520.5	4227.6	2625.4	1833.1
-5°	19015.4	82064.4	146967.0	172625.3	146967.0	82064.4	19015.4	6479.7	3631.7	2444.0	1755.1
-7.5°	8921.0	20713.0	40145.2	49414.8	40145.2	20713.0	8921.0	4656.8	2990.1	2156.5	1646.5
-10°	4611.3	6358.3	8399.2	9351.3	8399.2	6358.3	4611.3	3253.5	2470.7	1863.1	1497.2
-12.5°	2973.5	3558.5	4031.6	4209.7	4031.6	3558.5	2973.5	2463.1	1966.0	1635.2	1358.0
-15°	2147.0	2406.4	2539.9	2603.0	2539.9	2406.4	2147.0	1866.5	1637.5	1411.0	1201.4
-17.5°	1640.3	1742.0	1792.7	1807.0	1792.7	1742.0	1640.3	1496.4	1361.9	1203.8	1087.9
-20°	1319.1	1371.4	1395.3	1397.1	1395.3	1371.4	1319.1	1230.0	1153.6	1062.2	939.2



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1113.4	1142.0	1158.7	1172.8	1158.7	1142.0	1113.4	1070.3	994.0	891.8	781.6
-25°	939.8	977.2	995.2	1001.9	995.2	977.2	939.8	882.5	808.6	724.0	633.3
-27.5°	744.5	769.3	777.0	792.3	777.0	769.3	744.5	699.1	637.8	597.4	549.8
-30°	596.3	606.0	607.2	606.6	607.2	606.0	596.3	575.9	548.5	534.2	527.0
-32.5°	528.1	529.1	527.4	523.9	527.4	529.1	528.1	525.6	521.5	541.8	593.9
-35°	558.0	543.4	534.7	531.3	534.7	543.4	558.0	582.0	616.0	639.5	613.6
-37.5°	649.3	671.6	690.0	700.4	690.0	671.6	649.3	627.5	606.5	577.8	556.7
-40°	604.4	624.4	643.6	663.6	643.6	624.4	604.4	583.0	560.4	534.9	512.7
-42.5°	562.4	576.9	587.6	590.1	587.6	576.9	562.4	548.9	528.6	503.7	475.4
-45°	531.1	538.1	543.4	547.8	543.4	538.1	531.1	521.7	500.8	475.0	448.0
-47.5°	497.8	510.8	517.5	518.4	517.5	510.8	497.8	481.8	459.3	433.1	406.8
-50°	443.5	463.2	472.9	474.3	472.9	463.2	443.5	419.8	392.6	364.4	334.7
-52.5°	368.0	390.0	399.1	398.9	399.1	390.0	368.0	343.3	317.5	296.8	274.9
-55°	311.6	335.5	343.4	341.9	343.4	335.5	311.6	286.2	259.6	244.1	227.7
-57.5°	267.4	291.0	295.4	290.4	295.4	291.0	267.4	242.8	217.2	204.0	191.2
-60°	235.5	258.0	261.4	257.4	261.4	258.0	235.5	212.3	188.5	175.3	164.5
-62.5°	220.0	241.3	245.8	246.3	245.8	241.3	220.0	197.2	171.6	155.4	144.6
-65°	244.6	280.4	294.6	305.2	294.6	280.4	244.6	207.2	167.1	141.1	128.4
-67.5°	274.6	333.9	352.7	362.1	352.7	333.9	274.6	217.7	165.1	131.7	116.1
-70°	178.1	199.0	198.2	193.0	198.2	199.0	178.1	157.5	137.8	119.4	100.9
-72.5°	108.8	114.1	112.9	110.3	112.9	114.1	108.8	103.1	97.0	88.7	75.1
-75°	65.2	67.3	66.1	64.3	66.1	67.3	65.2	62.8	60.1	56.4	49.3
-77.5°	40.4	41.8	40.4	38.6	40.4	41.8	40.4	38.8	37.1	35.0	31.0
-80°	19.8	20.0	19.3	18.4	19.3	20.0	19.8	19.4	19.0	18.3	16.6
-82.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.1	7.0	6.9
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	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: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
82.5°	6.7	6.6	6.4	6.1	5.9	5.7	5.4	5.1	4.8	4.5	4.1
80°	14.9	13.3	12.0	11.7	11.2	10.6	9.8	8.8	7.9	7.2	6.7
77.5°	27.2	23.5	20.6	20.2	19.6	18.8	17.5	15.5	14.0	12.5	11.3
75°	42.5	35.9	31.5	31.1	30.4	29.4	27.9	25.4	22.8	20.1	17.7
72.5°	62.3	50.5	44.0	43.5	42.6	41.6	40.4	38.2	35.0	30.6	26.7
70°	83.0	65.9	58.1	57.4	56.4	55.2	53.8	52.2	50.4	47.3	41.2
67.5°	99.4	81.2	74.6	73.6	72.7	71.1	68.0	65.3	63.0	60.5	54.3
65°	114.4	98.8	95.8	95.2	93.5	90.6	83.5	78.2	74.5	71.2	64.7
62.5°	132.8	120.1	119.9	118.8	116.9	112.6	103.3	94.8	87.0	80.4	74.8
60°	152.8	142.7	142.3	141.4	139.9	134.6	124.5	113.7	102.0	94.5	87.0
57.5°	177.5	168.6	166.9	164.4	161.3	153.5	144.0	134.2	122.4	111.7	101.4
55°	210.4	201.6	196.6	191.0	185.0	174.1	162.7	151.3	140.9	131.3	119.4
52.5°	252.6	243.1	233.7	223.0	212.1	197.6	183.0	170.2	158.3	147.7	136.7
50°	308.3	294.7	279.6	264.3	246.5	225.3	207.2	190.8	177.4	165.0	152.5
47.5°	379.7	358.5	335.1	314.3	288.9	261.8	237.9	214.7	199.4	182.9	169.0
45°	431.1	418.8	403.3	373.6	339.9	308.7	275.6	249.0	224.6	205.0	185.6
42.5°	466.5	457.5	444.9	425.9	400.8	362.4	323.8	288.9	257.1	229.9	205.2
40°	498.9	484.9	473.7	460.5	439.9	416.3	377.5	333.5	295.1	259.9	225.0
37.5°	536.9	516.7	501.8	485.8	469.7	448.9	424.0	384.7	335.7	291.3	249.3
35°	584.4	559.2	536.3	515.9	495.7	474.5	452.7	426.6	381.8	325.6	275.3
32.5°	644.7	613.1	581.9	553.7	522.5	496.9	474.5	451.5	421.5	364.5	306.4
30°	551.2	620.7	634.6	595.5	554.7	519.5	493.5	470.6	442.7	403.8	337.7
27.5°	535.7	531.7	608.5	639.4	589.2	546.4	513.9	487.3	462.4	428.2	373.5
25°	579.6	543.9	536.6	607.1	630.3	577.2	538.0	506.2	477.3	448.4	416.0
22.5°	665.2	592.9	546.3	536.7	624.0	616.9	567.1	526.0	494.7	476.3	445.4
20°	805.6	671.4	588.2	547.3	565.7	654.1	596.6	553.0	524.1	502.0	472.6
17.5°	946.2	795.1	651.5	568.7	549.1	611.6	631.9	585.5	549.8	528.5	499.7
15°	1074.1	910.0	748.4	623.9	559.1	570.7	662.9	615.7	574.0	552.9	522.0
12.5°	1156.5	1011.3	836.6	673.0	577.1	556.2	645.1	642.4	599.3	567.3	536.4
10°	1233.2	1082.4	912.2	740.9	615.5	564.4	618.9	664.6	619.6	578.8	547.9
7.5°	1326.3	1125.3	968.4	793.1	640.8	567.9	598.5	684.6	638.1	590.4	557.0
5°	1383.8	1155.0	1001.8	823.3	652.4	567.8	583.1	702.5	654.7	601.6	563.8
2.5°	1419.5	1171.4	1018.0	839.5	655.6	564.8	576.3	719.0	670.9	608.1	565.6
0°	1424.7	1169.1	1027.6	845.6	654.4	558.8	580.9	733.5	685.7	612.1	566.2
-2.5°	1419.5	1171.4	1018.0	839.5	655.6	564.8	576.3	719.0	670.9	608.1	565.6
-5°	1383.8	1155.0	1001.8	823.3	652.4	567.8	583.1	702.5	654.7	601.6	563.8
-7.5°	1326.3	1125.3	968.4	793.1	640.8	567.9	598.5	684.6	638.1	590.4	557.0
-10°	1233.2	1082.4	912.2	740.9	615.5	564.4	618.9	664.6	619.6	578.8	547.9
-12.5°	1156.5	1011.3	836.6	673.0	577.1	556.2	645.1	642.4	599.3	567.3	536.4
-15°	1074.1	910.0	748.4	623.9	559.1	570.7	662.9	615.7	574.0	552.9	522.0
-17.5°	946.2	795.1	651.5	568.7	549.1	611.6	631.9	585.5	549.8	528.5	499.7
-20°	805.6	671.4	588.2	547.3	565.7	654.1	596.6	553.0	524.1	502.0	472.6



REPORT NUMBER: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	665.2	592.9	546.3	536.7	624.0	616.9	567.1	526.0	494.7	476.3	445.4
-25°	579.6	543.9	536.6	607.1	630.3	577.2	538.0	506.2	477.3	448.4	416.0
-27.5°	535.7	531.7	608.5	639.4	589.2	546.4	513.9	487.3	462.4	428.2	373.5
-30°	551.2	620.7	634.6	595.5	554.7	519.5	493.5	470.6	442.7	403.8	337.7
-32.5°	644.7	613.1	581.9	553.7	522.5	496.9	474.5	451.5	421.5	364.5	306.4
-35°	584.4	559.2	536.3	515.9	495.7	474.5	452.7	426.6	381.8	325.6	275.3
-37.5°	536.9	516.7	501.8	485.8	469.7	448.9	424.0	384.7	335.7	291.3	249.3
-40°	498.9	484.9	473.7	460.5	439.9	416.3	377.5	333.5	295.1	259.9	225.0
-42.5°	466.5	457.5	444.9	425.9	400.8	362.4	323.8	288.9	257.1	229.9	205.2
-45°	431.1	418.8	403.3	373.6	339.9	308.7	275.6	249.0	224.6	205.0	185.6
-47.5°	379.7	358.5	335.1	314.3	288.9	261.8	237.9	214.7	199.4	182.9	169.0
-50°	308.3	294.7	279.6	264.3	246.5	225.3	207.2	190.8	177.4	165.0	152.5
-52.5°	252.6	243.1	233.7	223.0	212.1	197.6	183.0	170.2	158.3	147.7	136.7
-55°	210.4	201.6	196.6	191.0	185.0	174.1	162.7	151.3	140.9	131.3	119.4
-57.5°	177.5	168.6	166.9	164.4	161.3	153.5	144.0	134.2	122.4	111.7	101.4
-60°	152.8	142.7	142.3	141.4	139.9	134.6	124.5	113.7	102.0	94.5	87.0
-62.5°	132.8	120.1	119.9	118.8	116.9	112.6	103.3	94.8	87.0	80.4	74.8
-65°	114.4	98.8	95.8	95.2	93.5	90.6	83.5	78.2	74.5	71.2	64.7
-67.5°	99.4	81.2	74.6	73.6	72.7	71.1	68.0	65.3	63.0	60.5	54.3
-70°	83.0	65.9	58.1	57.4	56.4	55.2	53.8	52.2	50.4	47.3	41.2
-72.5°	62.3	50.5	44.0	43.5	42.6	41.6	40.4	38.2	35.0	30.6	26.7
-75°	42.5	35.9	31.5	31.1	30.4	29.4	27.9	25.4	22.8	20.1	17.7
-77.5°	27.2	23.5	20.6	20.2	19.6	18.8	17.5	15.5	14.0	12.5	11.3
-80°	14.9	13.3	12.0	11.7	11.2	10.6	9.8	8.8	7.9	7.2	6.7
-82.5°	6.7	6.6	6.4	6.1	5.9	5.7	5.4	5.1	4.8	4.5	4.1
-85°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	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: P558945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.6	1.4	1.3	1.1
85°	2.5	2.3	2.2	2.1	2.4	2.8	3.0	3.1	2.8	2.5	2.2
82.5°	3.8	3.6	3.4	3.2	3.2	3.2	3.4	3.7	3.7	3.7	3.3
80°	6.3	5.8	5.3	4.8	4.2	3.7	3.6	3.7	3.7	3.7	3.7
77.5°	10.3	9.1	7.7	6.9	6.2	5.5	4.8	4.1	3.7	3.7	3.7
75°	15.7	14.4	12.9	11.1	9.1	7.3	6.5	5.7	4.9	3.8	3.7
72.5°	24.3	21.7	19.1	16.0	13.5	11.1	8.9	7.3	6.5	5.4	4.1
70°	35.2	30.2	26.8	22.8	18.6	14.8	12.2	10.1	8.1	7.0	5.6
67.5°	47.9	40.9	35.2	29.7	24.7	20.0	15.6	13.2	11.1	8.6	7.1
65°	57.5	50.4	43.5	37.1	31.0	25.3	20.3	16.8	14.1	11.4	8.6
62.5°	67.5	58.9	51.5	44.5	37.6	31.0	25.0	21.6	17.4	14.2	10.8
60°	78.9	70.3	59.9	51.8	44.2	36.7	30.8	26.5	22.0	16.9	13.3
57.5°	92.7	82.8	71.0	59.9	50.9	42.6	36.8	32.0	26.6	20.9	15.9
55°	107.4	95.9	81.8	69.1	57.9	48.6	43.4	38.0	31.5	25.2	18.6
52.5°	124.3	108.9	93.1	78.3	65.5	55.7	50.9	44.1	37.2	29.5	22.7
50°	140.0	122.6	104.7	88.2	72.8	64.8	58.8	51.5	43.0	34.1	27.2
47.5°	153.0	135.0	116.7	98.0	81.4	74.7	68.0	59.2	48.8	39.4	31.7
45°	166.3	146.3	127.6	108.4	93.0	85.8	78.0	67.3	56.1	45.7	36.5
42.5°	179.5	158.1	137.4	118.2	106.3	97.1	88.6	76.8	63.6	52.3	41.9
40°	196.2	170.1	147.1	130.1	119.3	108.3	98.9	86.8	71.4	59.5	47.8
37.5°	212.5	183.7	157.8	142.8	131.6	119.8	108.9	97.2	81.3	67.7	53.8
35°	233.6	198.0	173.0	156.1	142.8	130.8	118.7	107.2	92.7	76.1	60.0
32.5°	253.9	216.0	190.3	169.5	153.6	141.4	128.4	119.8	104.5	84.5	66.2
30°	281.1	240.1	207.3	182.3	164.2	150.9	140.4	134.1	116.7	92.9	72.7
27.5°	314.7	263.7	224.7	196.5	175.4	160.3	156.6	149.7	129.3	102.1	79.6
25°	349.0	291.6	245.6	210.7	185.9	176.3	172.4	166.6	142.3	112.4	86.5
22.5°	386.7	320.0	265.9	224.3	203.7	191.7	187.6	181.0	156.1	122.7	93.2
20°	423.3	347.0	286.7	246.7	222.9	208.2	201.8	195.1	170.4	132.9	99.8
17.5°	456.6	377.2	315.9	271.4	242.4	224.3	215.6	209.0	185.2	143.0	106.2
15°	478.8	409.5	343.1	294.4	261.1	240.1	228.9	222.6	200.1	152.8	110.7
12.5°	497.7	437.8	367.6	315.8	279.0	255.4	241.8	235.9	215.0	159.2	113.1
10°	513.4	462.2	389.6	335.6	296.0	270.2	254.2	245.3	220.7	162.4	115.2
7.5°	526.4	482.8	409.1	353.9	310.0	277.7	256.1	247.0	224.2	164.8	117.0
5°	535.5	494.9	418.3	358.6	311.1	277.1	256.2	248.3	226.5	166.4	118.3
2.5°	536.8	496.2	420.7	360.2	311.4	275.8	255.9	249.4	227.7	167.2	119.2
0°	536.8	494.5	421.0	360.3	310.7	273.9	255.5	250.0	227.9	167.3	119.5
-2.5°	536.8	496.2	420.7	360.2	311.4	275.8	255.9	249.4	227.7	167.2	119.2
-5°	535.5	494.9	418.3	358.6	311.1	277.1	256.2	248.3	226.5	166.4	118.3
-7.5°	526.4	482.8	409.1	353.9	310.0	277.7	256.1	247.0	224.2	164.8	117.0
-10°	513.4	462.2	389.6	335.6	296.0	270.2	254.2	245.3	220.7	162.4	115.2
-12.5°	497.7	437.8	367.6	315.8	279.0	255.4	241.8	235.9	215.0	159.2	113.1
-15°	478.8	409.5	343.1	294.4	261.1	240.1	228.9	222.6	200.1	152.8	110.7
-17.5°	456.6	377.2	315.9	271.4	242.4	224.3	215.6	209.0	185.2	143.0	106.2
-20°	423.3	347.0	286.7	246.7	222.9	208.2	201.8	195.1	170.4	132.9	99.8



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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°	386.7	320.0	265.9	224.3	203.7	191.7	187.6	181.0	156.1	122.7	93.2
-25°	349.0	291.6	245.6	210.7	185.9	176.3	172.4	166.6	142.3	112.4	86.5
-27.5°	314.7	263.7	224.7	196.5	175.4	160.3	156.6	149.7	129.3	102.1	79.6
-30°	281.1	240.1	207.3	182.3	164.2	150.9	140.4	134.1	116.7	92.9	72.7
-32.5°	253.9	216.0	190.3	169.5	153.6	141.4	128.4	119.8	104.5	84.5	66.2
-35°	233.6	198.0	173.0	156.1	142.8	130.8	118.7	107.2	92.7	76.1	60.0
-37.5°	212.5	183.7	157.8	142.8	131.6	119.8	108.9	97.2	81.3	67.7	53.8
-40°	196.2	170.1	147.1	130.1	119.3	108.3	98.9	86.8	71.4	59.5	47.8
-42.5°	179.5	158.1	137.4	118.2	106.3	97.1	88.6	76.8	63.6	52.3	41.9
-45°	166.3	146.3	127.6	108.4	93.0	85.8	78.0	67.3	56.1	45.7	36.5
-47.5°	153.0	135.0	116.7	98.0	81.4	74.7	68.0	59.2	48.8	39.4	31.7
-50°	140.0	122.6	104.7	88.2	72.8	64.8	58.8	51.5	43.0	34.1	27.2
-52.5°	124.3	108.9	93.1	78.3	65.5	55.7	50.9	44.1	37.2	29.5	22.7
-55°	107.4	95.9	81.8	69.1	57.9	48.6	43.4	38.0	31.5	25.2	18.6
-57.5°	92.7	82.8	71.0	59.9	50.9	42.6	36.8	32.0	26.6	20.9	15.9
-60°	78.9	70.3	59.9	51.8	44.2	36.7	30.8	26.5	22.0	16.9	13.3
-62.5°	67.5	58.9	51.5	44.5	37.6	31.0	25.0	21.6	17.4	14.2	10.8
-65°	57.5	50.4	43.5	37.1	31.0	25.3	20.3	16.8	14.1	11.4	8.6
-67.5°	47.9	40.9	35.2	29.7	24.7	20.0	15.6	13.2	11.1	8.6	7.1
-70°	35.2	30.2	26.8	22.8	18.6	14.8	12.2	10.1	8.1	7.0	5.6
-72.5°	24.3	21.7	19.1	16.0	13.5	11.1	8.9	7.3	6.5	5.4	4.1
-75°	15.7	14.4	12.9	11.1	9.1	7.3	6.5	5.7	4.9	3.8	3.7
-77.5°	10.3	9.1	7.7	6.9	6.2	5.5	4.8	4.1	3.7	3.7	3.7
-80°	6.3	5.8	5.3	4.8	4.2	3.7	3.6	3.7	3.7	3.7	3.7
-82.5°	3.8	3.6	3.4	3.2	3.2	3.2	3.4	3.7	3.7	3.7	3.3
-85°	2.5	2.3	2.2	2.1	2.4	2.8	3.0	3.1	2.8	2.5	2.2
-87.5°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.6	1.4	1.3	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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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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.7	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	3.7	3.7	3.2	2.4	1.6	0.8	0.0
75°	3.7	3.7	3.7	2.9	1.9	1.0	0.0
72.5°	3.7	3.7	3.7	3.3	2.2	1.1	0.0
70°	3.9	3.7	3.7	3.7	2.5	1.3	0.0
67.5°	5.3	3.7	3.7	3.7	2.8	1.4	0.0
65°	6.6	4.3	3.7	3.7	3.1	1.6	0.0
62.5°	8.0	5.5	3.7	3.7	3.4	1.7	0.0
60°	9.4	6.7	3.7	3.7	3.7	1.8	0.0
57.5°	11.8	7.9	4.6	3.7	3.7	2.0	0.0
55°	14.3	9.1	5.6	3.7	3.7	2.1	0.0
52.5°	16.9	10.5	6.6	3.7	3.8	2.3	0.0
50°	19.5	12.8	7.5	3.7	3.8	2.4	0.0
47.5°	22.5	15.1	8.5	3.9	3.9	2.5	0.0
45°	26.6	17.4	9.4	4.6	3.9	2.6	0.0
42.5°	30.7	19.8	10.3	5.2	4.0	2.7	0.0
40°	35.0	22.1	11.6	5.9	4.0	2.8	0.0
37.5°	39.2	24.5	13.4	6.5	4.1	2.9	0.0
35°	43.5	27.5	15.2	7.0	4.2	3.0	0.0
32.5°	48.0	30.9	16.9	7.5	4.3	3.1	0.0
30°	53.0	34.2	18.6	8.0	4.4	3.2	0.0
27.5°	58.0	37.4	19.7	8.3	4.4	3.3	0.0
25°	62.9	40.6	20.5	8.7	4.5	3.4	0.0
22.5°	67.7	43.1	21.2	8.9	4.6	3.4	0.0
20°	72.4	43.9	21.7	9.1	4.7	3.5	0.0
17.5°	74.8	44.5	22.0	9.3	4.8	3.5	0.0
15°	75.7	44.8	22.2	9.4	4.9	3.6	0.0
12.5°	76.2	44.7	22.1	9.4	5.0	3.6	0.0
10°	76.4	44.3	22.0	9.5	5.1	3.6	0.0
7.5°	76.2	43.7	21.7	9.4	5.2	3.7	0.0
5°	75.7	42.8	21.3	9.4	5.3	3.7	0.0
2.5°	74.8	41.7	20.8	9.3	5.4	3.7	0.0
0°	73.5	40.4	20.2	9.2	5.5	3.7	0.0
-2.5°	74.8	41.7	20.8	9.3	5.4	3.7	0.0
-5°	75.7	42.8	21.3	9.4	5.3	3.7	0.0
-7.5°	76.2	43.7	21.7	9.4	5.2	3.7	0.0
-10°	76.4	44.3	22.0	9.5	5.1	3.6	0.0
-12.5°	76.2	44.7	22.1	9.4	5.0	3.6	0.0
-15°	75.7	44.8	22.2	9.4	4.9	3.6	0.0
-17.5°	74.8	44.5	22.0	9.3	4.8	3.5	0.0
-20°	72.4	43.9	21.7	9.1	4.7	3.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.7	43.1	21.2	8.9	4.6	3.4	0.0
-25°	62.9	40.6	20.5	8.7	4.5	3.4	0.0
-27.5°	58.0	37.4	19.7	8.3	4.4	3.3	0.0
-30°	53.0	34.2	18.6	8.0	4.4	3.2	0.0
-32.5°	48.0	30.9	16.9	7.5	4.3	3.1	0.0
-35°	43.5	27.5	15.2	7.0	4.2	3.0	0.0
-37.5°	39.2	24.5	13.4	6.5	4.1	2.9	0.0
-40°	35.0	22.1	11.6	5.9	4.0	2.8	0.0
-42.5°	30.7	19.8	10.3	5.2	4.0	2.7	0.0
-45°	26.6	17.4	9.4	4.6	3.9	2.6	0.0
-47.5°	22.5	15.1	8.5	3.9	3.9	2.5	0.0
-50°	19.5	12.8	7.5	3.7	3.8	2.4	0.0
-52.5°	16.9	10.5	6.6	3.7	3.8	2.3	0.0
-55°	14.3	9.1	5.6	3.7	3.7	2.1	0.0
-57.5°	11.8	7.9	4.6	3.7	3.7	2.0	0.0
-60°	9.4	6.7	3.7	3.7	3.7	1.8	0.0
-62.5°	8.0	5.5	3.7	3.7	3.4	1.7	0.0
-65°	6.6	4.3	3.7	3.7	3.1	1.6	0.0
-67.5°	5.3	3.7	3.7	3.7	2.8	1.4	0.0
-70°	3.9	3.7	3.7	3.7	2.5	1.3	0.0
-72.5°	3.7	3.7	3.7	3.3	2.2	1.1	0.0
-75°	3.7	3.7	3.7	2.9	1.9	1.0	0.0
-77.5°	3.7	3.7	3.2	2.4	1.6	0.8	0.0
-80°	3.7	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)