

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: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558849 (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-SA3E-927-U-TSB-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

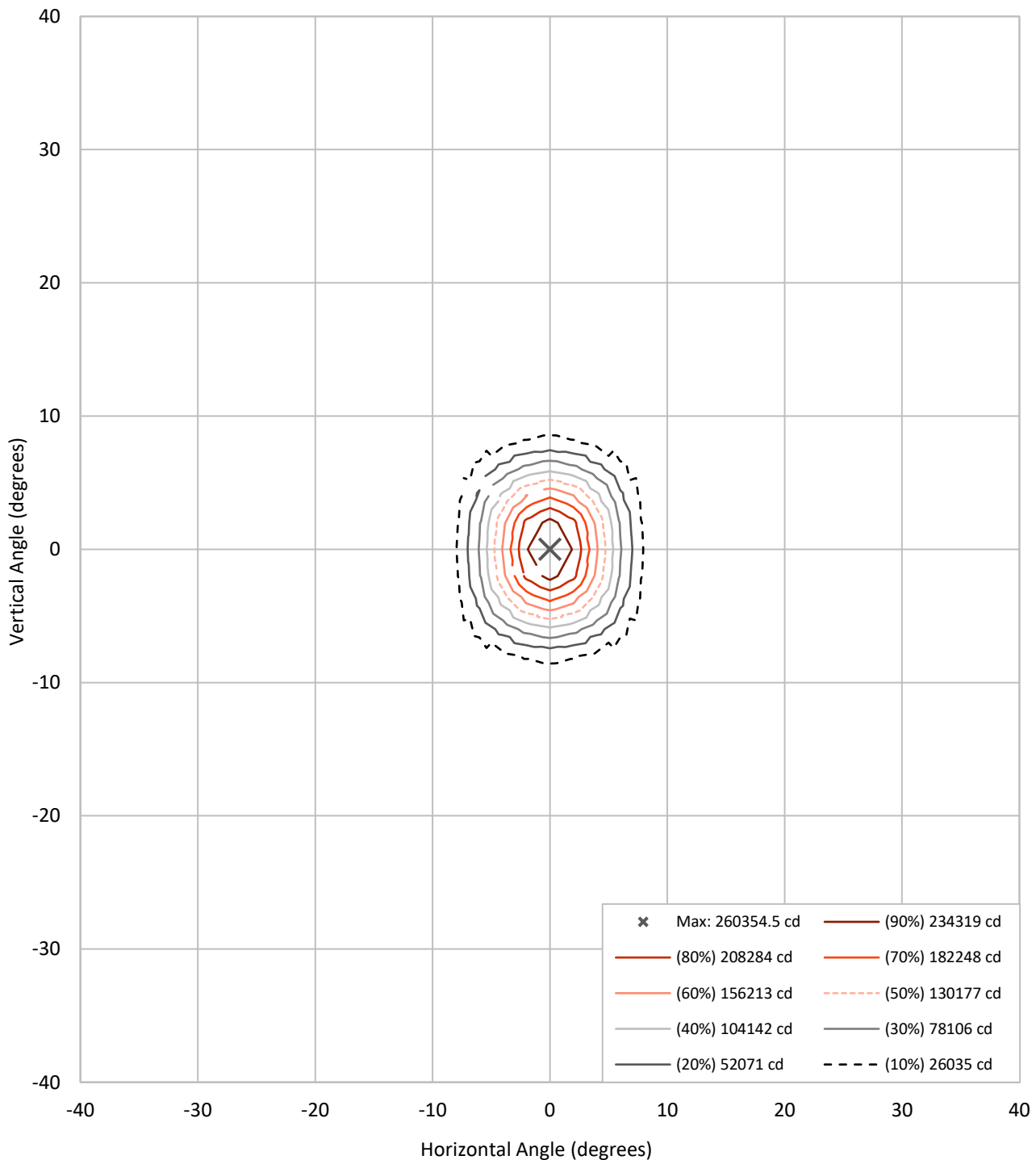
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10138.8 lumens	Max Intensity:	260354.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4345.7 lumens	Field Lumens:	7489.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 182
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





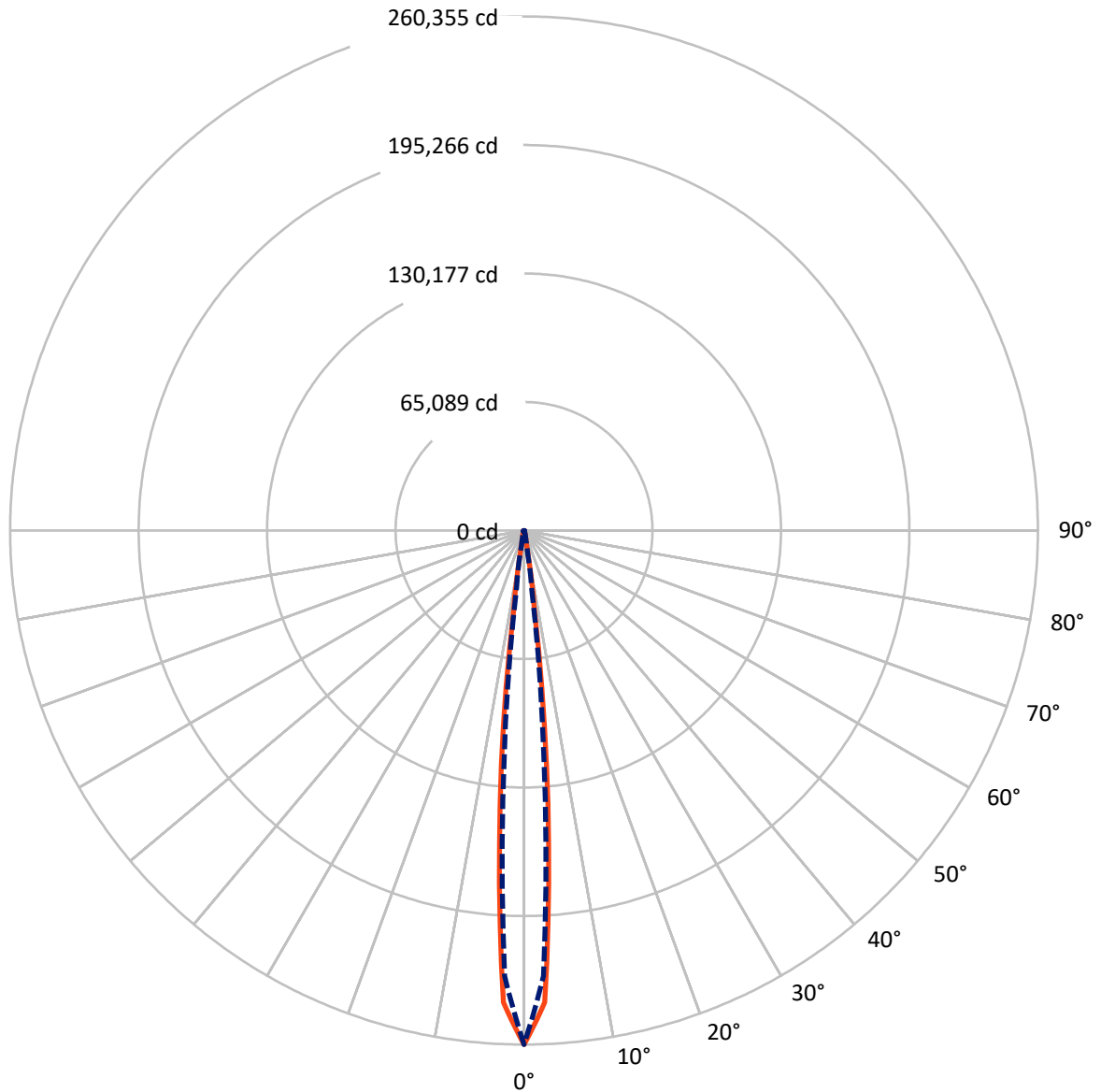
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Lumen Table

90	0.0		0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0		
80	0.0		0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0		
70	0.2	0.2	0.5	1.1	1.7	2.2	3.6	6.3	6.3	3.6	2.2	1.7	1.1	0.5	0.2	0.2			
60		0.4	1.0	2.1	3.3	4.5	6.0	8.2	8.2	6.0	4.5	3.3	2.1	1.0	0.4				
50	0.5	0.7	1.6	3.3	5.7	8.6	11.0	13.2	13.2	11.0	8.6	5.7	3.3	1.6	0.7	0.5			
40		1.1	2.3	4.9	8.9	12.0	13.6	14.4	14.4	13.6	12.0	8.9	4.9	2.3	1.1				
30	1.0	1.6	3.1	7.0	10.9	13.1	17.8	23.4	23.4	17.8	13.1	10.9	7.0	3.1	1.6	1.0			
20		2.2	4.3	8.8	12.1	17.2	34.8	69.6	69.6	34.8	17.2	12.1	8.8	4.3	2.2				
10	1.2	2.5	5.2	9.8	12.6	22.0	68.9	2037.0	2037.0	68.9	22.0	12.6	9.8	5.2	2.5	1.2			
0		2.5	5.2	9.8	12.6	22.0	68.9	2037.0	2037.0	68.9	22.0	12.6	9.8	5.2	2.5				
-10	1.0	2.2	4.3	8.8	12.1	17.2	34.8	69.6	69.6	34.8	17.2	12.1	8.8	4.3	2.2	1.0			
-20		1.6	3.1	7.0	10.9	13.1	17.8	23.4	23.4	17.8	13.1	10.9	7.0	3.1	1.6				
-30	0.5	1.1	2.3	4.9	8.9	12.0	13.6	14.4	14.4	13.6	12.0	8.9	4.9	2.3	1.1	0.5			
-40		0.7	1.6	3.3	5.7	8.6	11.0	13.2	13.2	11.0	8.6	5.7	3.3	1.6	0.7				
-50	0.2	0.4	1.0	2.1	3.3	4.5	6.0	8.2	8.2	6.0	4.5	3.3	2.1	1.0	0.4	0.2			
-60		0.2	0.5	1.1	1.7	2.2	3.6	6.3	6.3	3.6	2.2	1.7	1.1	0.5	0.2				
-70	0.0		0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0		
-80	0.0		0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0		
-90	0.0		0.3		1.1		2.5		4.2		2.5		1.1		0.3		0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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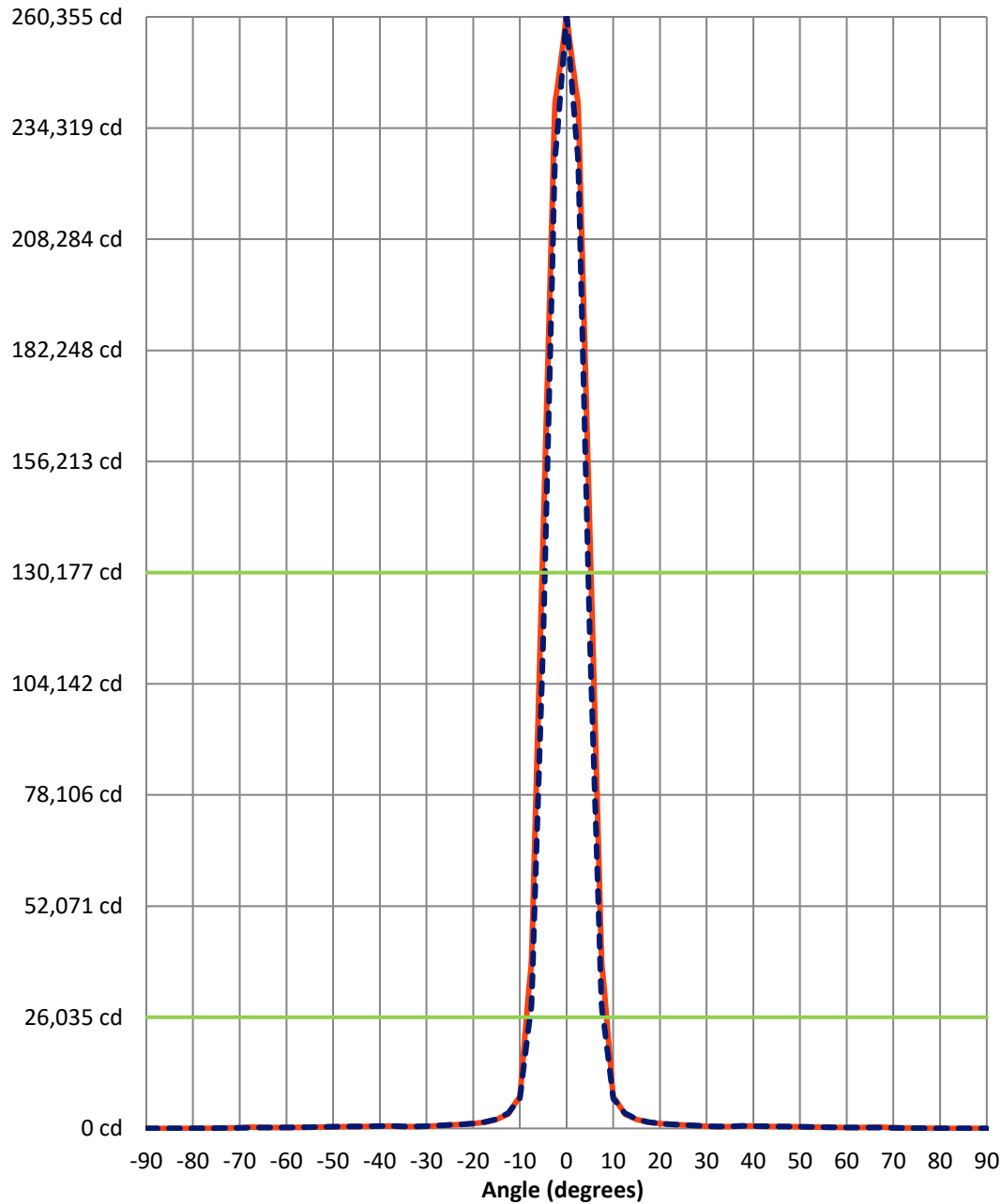
Luminous Intensity Polar Plot



— 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: 4345.7
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 7489.7
Efficiency: 73.9%

Spill:
Lumens: 2649.1
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	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.3
75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.1	3.9	4.5
72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.3	4.4	5.2	5.8
70°	0.0	1.0	2.0	3.0	3.0	3.0	3.1	4.5	5.6	6.5	8.1
67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.2	5.7	6.9	8.9	10.6
65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	6.9	9.2	11.3	13.5
62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.7	11.4	14.0	17.4
60°	0.0	1.5	3.0	3.0	3.0	5.4	7.6	10.7	13.6	17.7	21.3
57.5°	0.0	1.6	3.0	3.0	3.8	6.4	9.5	12.8	16.8	21.5	25.8
55°	0.0	1.7	3.0	3.0	4.6	7.4	11.5	15.0	20.3	25.4	30.6
52.5°	0.0	1.8	3.1	3.0	5.3	8.4	13.6	18.3	23.8	30.0	35.5
50°	0.0	1.9	3.1	3.0	6.1	10.3	15.7	21.9	27.5	34.6	41.5
47.5°	0.0	2.0	3.1	3.1	6.8	12.2	18.1	25.6	31.8	39.3	47.7
45°	0.0	2.1	3.2	3.7	7.6	14.0	21.4	29.4	36.8	45.2	54.2
42.5°	0.0	2.2	3.2	4.2	8.3	15.9	24.8	33.8	42.1	51.2	61.8
40°	0.0	2.3	3.3	4.8	9.4	17.8	28.2	38.5	47.9	57.5	69.9
37.5°	0.0	2.4	3.3	5.3	10.8	19.7	31.6	43.4	54.6	65.5	78.3
35°	0.0	2.5	3.4	5.7	12.3	22.1	35.1	48.3	61.3	74.6	86.4
32.5°	0.0	2.5	3.4	6.1	13.7	24.9	38.7	53.3	68.0	84.2	96.5
30°	0.0	2.6	3.5	6.4	15.0	27.5	42.8	58.5	74.8	94.0	108.0
27.5°	0.0	2.7	3.6	6.7	15.9	30.1	46.8	64.1	82.2	104.1	120.7
25°	0.0	2.7	3.7	7.0	16.5	32.7	50.7	69.6	90.5	114.7	134.3
22.5°	0.0	2.8	3.7	7.2	17.1	34.7	54.5	75.1	98.8	125.8	145.8
20°	0.0	2.8	3.8	7.4	17.5	35.4	58.3	80.4	107.1	137.3	157.2
17.5°	0.0	2.9	3.9	7.5	17.7	35.9	60.2	85.5	115.2	149.2	168.3
15°	0.0	2.9	4.0	7.6	17.8	36.1	61.0	89.2	123.2	161.2	179.3
12.5°	0.0	2.9	4.0	7.6	17.8	36.1	61.4	91.1	128.3	173.2	190.0
10°	0.0	3.0	4.1	7.6	17.7	35.8	61.5	92.8	130.9	177.8	197.6
7.5°	0.0	3.0	4.2	7.6	17.5	35.3	61.4	94.3	132.8	180.6	198.9
5°	0.0	3.0	4.3	7.6	17.2	34.6	61.0	95.4	134.1	182.5	200.0
2.5°	0.0	3.0	4.3	7.5	16.8	33.7	60.2	96.1	134.8	183.5	200.9
0°	0.0	3.0	4.4	7.4	16.3	32.6	59.2	96.3	134.8	183.7	201.4
-2.5°	0.0	3.0	4.3	7.5	16.8	33.7	60.2	96.1	134.8	183.5	200.9
-5°	0.0	3.0	4.3	7.6	17.2	34.6	61.0	95.4	134.1	182.5	200.0
-7.5°	0.0	3.0	4.2	7.6	17.5	35.3	61.4	94.3	132.8	180.6	198.9
-10°	0.0	3.0	4.1	7.6	17.7	35.8	61.5	92.8	130.9	177.8	197.6
-12.5°	0.0	2.9	4.0	7.6	17.8	36.1	61.4	91.1	128.3	173.2	190.0
-15°	0.0	2.9	4.0	7.6	17.8	36.1	61.0	89.2	123.2	161.2	179.3
-17.5°	0.0	2.9	3.9	7.5	17.7	35.9	60.2	85.5	115.2	149.2	168.3
-20°	0.0	2.8	3.8	7.4	17.5	35.4	58.3	80.4	107.1	137.3	157.2



REPORT NUMBER: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	2.8	3.7	7.2	17.1	34.7	54.5	75.1	98.8	125.8	145.8
-25°	0.0	2.7	3.7	7.0	16.5	32.7	50.7	69.6	90.5	114.7	134.3
-27.5°	0.0	2.7	3.6	6.7	15.9	30.1	46.8	64.1	82.2	104.1	120.7
-30°	0.0	2.6	3.5	6.4	15.0	27.5	42.8	58.5	74.8	94.0	108.0
-32.5°	0.0	2.5	3.4	6.1	13.7	24.9	38.7	53.3	68.0	84.2	96.5
-35°	0.0	2.5	3.4	5.7	12.3	22.1	35.1	48.3	61.3	74.6	86.4
-37.5°	0.0	2.4	3.3	5.3	10.8	19.7	31.6	43.4	54.6	65.5	78.3
-40°	0.0	2.3	3.3	4.8	9.4	17.8	28.2	38.5	47.9	57.5	69.9
-42.5°	0.0	2.2	3.2	4.2	8.3	15.9	24.8	33.8	42.1	51.2	61.8
-45°	0.0	2.1	3.2	3.7	7.6	14.0	21.4	29.4	36.8	45.2	54.2
-47.5°	0.0	2.0	3.1	3.1	6.8	12.2	18.1	25.6	31.8	39.3	47.7
-50°	0.0	1.9	3.1	3.0	6.1	10.3	15.7	21.9	27.5	34.6	41.5
-52.5°	0.0	1.8	3.1	3.0	5.3	8.4	13.6	18.3	23.8	30.0	35.5
-55°	0.0	1.7	3.0	3.0	4.6	7.4	11.5	15.0	20.3	25.4	30.6
-57.5°	0.0	1.6	3.0	3.0	3.8	6.4	9.5	12.8	16.8	21.5	25.8
-60°	0.0	1.5	3.0	3.0	3.0	5.4	7.6	10.7	13.6	17.7	21.3
-62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.7	11.4	14.0	17.4
-65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	6.9	9.2	11.3	13.5
-67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.2	5.7	6.9	8.9	10.6
-70°	0.0	1.0	2.0	3.0	3.0	3.0	3.1	4.5	5.6	6.5	8.1
-72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.3	4.4	5.2	5.8
-75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.1	3.9	4.5
-77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.3
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
82.5°	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.3	3.6	3.9	4.1
80°	2.9	3.0	3.4	3.8	4.2	4.6	5.0	5.4	5.7	6.3	7.1
77.5°	3.9	4.4	4.9	5.5	6.1	7.2	8.2	9.0	10.1	11.3	12.5
75°	5.2	5.8	7.3	8.9	10.4	11.5	12.6	14.2	16.2	18.4	20.5
72.5°	7.1	8.9	10.8	12.9	15.4	17.5	19.5	21.5	24.7	28.2	30.8
70°	9.7	11.9	15.0	18.4	21.6	24.4	28.4	33.2	38.1	40.6	42.0
67.5°	12.5	16.1	19.9	23.9	28.3	32.9	38.5	43.8	48.7	50.8	52.6
65°	16.3	20.4	25.0	29.9	35.0	40.6	46.3	52.1	57.4	60.0	63.0
62.5°	20.1	25.0	30.3	35.8	41.5	47.5	54.4	60.3	64.8	70.1	76.4
60°	24.8	29.6	35.6	41.8	48.3	56.7	63.6	70.1	76.1	82.2	91.6
57.5°	29.7	34.3	41.0	48.3	57.2	66.8	74.7	81.7	90.0	98.7	108.2
55°	35.0	39.2	46.7	55.7	65.9	77.3	86.5	96.2	105.8	113.5	121.9
52.5°	41.1	44.9	52.8	63.1	75.0	87.7	100.1	110.1	119.0	127.5	137.1
50°	47.4	52.2	58.7	71.1	84.3	98.7	112.7	122.9	132.9	142.9	153.7
47.5°	54.8	60.2	65.6	79.0	94.0	108.7	123.3	136.2	147.3	160.7	173.0
45°	62.9	69.2	75.0	87.4	102.8	117.9	134.0	149.5	165.2	180.9	200.7
42.5°	71.4	78.3	85.7	95.3	110.7	127.4	144.6	165.3	185.2	207.1	232.8
40°	79.7	87.3	96.1	104.8	118.5	137.0	158.1	181.3	209.4	237.8	268.7
37.5°	87.7	96.6	106.1	115.0	127.1	148.0	171.2	200.9	234.7	270.5	310.0
35°	95.7	105.5	115.1	125.7	139.3	159.6	188.2	221.8	262.3	307.7	343.8
32.5°	103.5	113.9	123.8	136.6	153.3	174.1	204.6	246.8	293.7	339.6	363.8
30°	113.2	121.6	132.3	146.8	167.0	193.4	226.5	272.1	325.3	356.7	379.2
27.5°	126.2	129.2	141.3	158.3	181.0	212.5	253.6	301.0	345.0	372.5	392.7
25°	138.9	142.1	149.7	169.8	197.9	235.0	281.1	335.2	361.3	384.6	407.9
22.5°	151.1	154.5	164.1	180.7	214.2	257.9	311.6	358.8	383.7	398.6	423.8
20°	162.6	167.8	179.6	198.8	231.0	279.6	341.1	380.8	404.5	422.3	445.5
17.5°	173.7	180.7	195.3	218.7	254.5	303.9	367.9	402.6	425.8	443.0	471.8
15°	184.4	193.4	210.4	237.2	276.5	330.0	385.8	420.6	445.5	462.4	496.1
12.5°	194.8	205.7	224.8	254.5	296.2	352.8	401.0	432.2	457.0	482.8	517.6
10°	204.8	217.7	238.6	270.4	313.9	372.4	413.7	441.5	466.3	499.2	535.4
7.5°	206.4	223.7	249.8	285.2	329.6	389.0	424.1	448.8	475.7	514.2	551.6
5°	206.4	223.2	250.7	289.0	337.1	398.7	431.5	454.3	484.8	527.5	566.0
2.5°	206.2	222.2	250.9	290.2	339.0	399.8	432.5	455.7	490.0	540.6	579.3
0°	205.9	220.7	250.3	290.3	339.2	398.4	432.5	456.2	493.2	552.5	591.0
-2.5°	206.2	222.2	250.9	290.2	339.0	399.8	432.5	455.7	490.0	540.6	579.3
-5°	206.4	223.2	250.7	289.0	337.1	398.7	431.5	454.3	484.8	527.5	566.0
-7.5°	206.4	223.7	249.8	285.2	329.6	389.0	424.1	448.8	475.7	514.2	551.6
-10°	204.8	217.7	238.6	270.4	313.9	372.4	413.7	441.5	466.3	499.2	535.4
-12.5°	194.8	205.7	224.8	254.5	296.2	352.8	401.0	432.2	457.0	482.8	517.6
-15°	184.4	193.4	210.4	237.2	276.5	330.0	385.8	420.6	445.5	462.4	496.1
-17.5°	173.7	180.7	195.3	218.7	254.5	303.9	367.9	402.6	425.8	443.0	471.8
-20°	162.6	167.8	179.6	198.8	231.0	279.6	341.1	380.8	404.5	422.3	445.5



REPORT NUMBER: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	151.1	154.5	164.1	180.7	214.2	257.9	311.6	358.8	383.7	398.6	423.8
-25°	138.9	142.1	149.7	169.8	197.9	235.0	281.1	335.2	361.3	384.6	407.9
-27.5°	126.2	129.2	141.3	158.3	181.0	212.5	253.6	301.0	345.0	372.5	392.7
-30°	113.2	121.6	132.3	146.8	167.0	193.4	226.5	272.1	325.3	356.7	379.2
-32.5°	103.5	113.9	123.8	136.6	153.3	174.1	204.6	246.8	293.7	339.6	363.8
-35°	95.7	105.5	115.1	125.7	139.3	159.6	188.2	221.8	262.3	307.7	343.8
-37.5°	87.7	96.6	106.1	115.0	127.1	148.0	171.2	200.9	234.7	270.5	310.0
-40°	79.7	87.3	96.1	104.8	118.5	137.0	158.1	181.3	209.4	237.8	268.7
-42.5°	71.4	78.3	85.7	95.3	110.7	127.4	144.6	165.3	185.2	207.1	232.8
-45°	62.9	69.2	75.0	87.4	102.8	117.9	134.0	149.5	165.2	180.9	200.7
-47.5°	54.8	60.2	65.6	79.0	94.0	108.7	123.3	136.2	147.3	160.7	173.0
-50°	47.4	52.2	58.7	71.1	84.3	98.7	112.7	122.9	132.9	142.9	153.7
-52.5°	41.1	44.9	52.8	63.1	75.0	87.7	100.1	110.1	119.0	127.5	137.1
-55°	35.0	39.2	46.7	55.7	65.9	77.3	86.5	96.2	105.8	113.5	121.9
-57.5°	29.7	34.3	41.0	48.3	57.2	66.8	74.7	81.7	90.0	98.7	108.2
-60°	24.8	29.6	35.6	41.8	48.3	56.7	63.6	70.1	76.1	82.2	91.6
-62.5°	20.1	25.0	30.3	35.8	41.5	47.5	54.4	60.3	64.8	70.1	76.4
-65°	16.3	20.4	25.0	29.9	35.0	40.6	46.3	52.1	57.4	60.0	63.0
-67.5°	12.5	16.1	19.9	23.9	28.3	32.9	38.5	43.8	48.7	50.8	52.6
-70°	9.7	11.9	15.0	18.4	21.6	24.4	28.4	33.2	38.1	40.6	42.0
-72.5°	7.1	8.9	10.8	12.9	15.4	17.5	19.5	21.5	24.7	28.2	30.8
-75°	5.2	5.8	7.3	8.9	10.4	11.5	12.6	14.2	16.2	18.4	20.5
-77.5°	3.9	4.4	4.9	5.5	6.1	7.2	8.2	9.0	10.1	11.3	12.5
-80°	2.9	3.0	3.4	3.8	4.2	4.6	5.0	5.4	5.7	6.3	7.1
-82.5°	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.3	3.6	3.9	4.1
-85°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-87.5°	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	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: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
82.5°	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8
80°	7.9	8.5	9.0	9.3	9.6	10.7	12.0	13.3	14.8	15.3	15.7
77.5°	14.1	15.1	15.8	16.3	16.6	18.9	21.9	25.0	28.2	29.9	31.3
75°	22.5	23.7	24.5	25.1	25.4	29.0	34.2	39.8	45.5	48.5	50.6
72.5°	32.5	33.5	34.3	35.0	35.5	40.7	50.2	60.6	71.5	78.2	83.1
70°	43.3	44.5	45.5	46.3	46.9	53.2	66.9	81.3	96.2	111.0	126.9
67.5°	54.8	57.3	58.6	59.3	60.1	65.4	80.1	93.6	106.1	133.0	175.4
65°	67.3	73.0	75.4	76.7	77.2	79.7	92.2	103.5	113.7	134.7	167.0
62.5°	83.2	90.7	94.2	95.7	96.6	96.8	107.0	116.5	125.2	138.3	158.9
60°	100.4	108.5	112.7	113.9	114.7	114.9	123.1	132.5	141.2	151.9	171.1
57.5°	116.1	123.7	130.0	132.5	134.5	135.9	143.1	154.1	164.4	175.1	195.7
55°	131.1	140.3	149.1	153.9	158.5	162.5	169.5	183.4	196.7	209.2	230.6
52.5°	147.4	159.2	170.9	179.7	188.3	195.9	203.5	221.5	239.1	255.8	276.6
50°	166.9	181.5	198.6	213.0	225.3	237.5	248.4	269.7	293.6	316.3	338.2
47.5°	191.7	211.0	232.8	253.2	270.0	288.8	305.9	327.8	348.9	370.1	388.2
45°	222.1	248.8	273.9	301.1	324.9	337.4	347.3	360.9	382.7	403.5	420.4
42.5°	261.0	292.0	323.0	343.2	358.5	368.6	375.8	383.0	405.8	425.9	442.2
40°	304.2	335.4	354.4	371.0	381.6	390.7	401.9	413.0	430.9	451.5	469.7
37.5°	341.7	361.7	378.4	391.4	404.3	416.2	432.5	448.5	465.6	488.6	505.5
35°	364.8	382.3	399.3	415.6	432.1	450.5	470.9	494.4	515.3	496.3	468.9
32.5°	382.4	400.4	420.9	446.1	468.8	493.9	519.4	478.5	436.5	420.1	423.5
30°	397.7	418.6	446.9	479.8	511.3	500.0	444.1	424.6	430.4	441.8	464.0
27.5°	414.1	440.2	474.6	515.1	490.3	428.4	431.7	443.0	481.3	513.9	563.3
25°	433.5	465.0	507.8	489.1	432.4	438.3	467.0	510.2	583.3	651.5	711.1
22.5°	456.9	497.1	502.7	432.5	440.2	477.7	535.9	629.7	718.5	800.8	862.3
20°	480.7	527.0	455.8	440.9	473.9	540.9	649.0	756.7	855.8	929.5	991.0
17.5°	509.2	492.8	442.4	458.2	524.9	640.6	762.4	876.5	969.9	1097.3	1205.7
15°	534.1	459.9	450.5	502.6	602.9	733.2	865.5	968.0	1136.8	1319.3	1503.9
12.5°	519.8	448.2	465.0	542.2	674.1	814.8	931.8	1094.1	1317.5	1584.0	1984.5
10°	498.6	454.8	495.9	596.9	735.0	872.1	993.6	1206.4	1501.1	1990.7	2621.3
7.5°	482.3	457.6	516.3	639.0	780.2	906.7	1068.6	1326.6	1737.5	2409.1	3752.0
5°	469.8	457.5	525.6	663.3	807.1	930.6	1114.9	1414.1	1969.1	2926.0	5220.7
2.5°	464.4	455.1	528.2	676.4	820.2	943.9	1143.7	1477.0	2115.3	3406.3	6864.9
0°	468.0	450.3	527.3	681.3	827.9	942.0	1147.9	1495.9	2159.5	3583.6	7085.6
-2.5°	464.4	455.1	528.2	676.4	820.2	943.9	1143.7	1477.0	2115.3	3406.3	6864.9
-5°	469.8	457.5	525.6	663.3	807.1	930.6	1114.9	1414.1	1969.1	2926.0	5220.7
-7.5°	482.3	457.6	516.3	639.0	780.2	906.7	1068.6	1326.6	1737.5	2409.1	3752.0
-10°	498.6	454.8	495.9	596.9	735.0	872.1	993.6	1206.4	1501.1	1990.7	2621.3
-12.5°	519.8	448.2	465.0	542.2	674.1	814.8	931.8	1094.1	1317.5	1584.0	1984.5
-15°	534.1	459.9	450.5	502.6	602.9	733.2	865.5	968.0	1136.8	1319.3	1503.9
-17.5°	509.2	492.8	442.4	458.2	524.9	640.6	762.4	876.5	969.9	1097.3	1205.7
-20°	480.7	527.0	455.8	440.9	473.9	540.9	649.0	756.7	855.8	929.5	991.0



REPORT NUMBER: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	456.9	497.1	502.7	432.5	440.2	477.7	535.9	629.7	718.5	800.8	862.3
-25°	433.5	465.0	507.8	489.1	432.4	438.3	467.0	510.2	583.3	651.5	711.1
-27.5°	414.1	440.2	474.6	515.1	490.3	428.4	431.7	443.0	481.3	513.9	563.3
-30°	397.7	418.6	446.9	479.8	511.3	500.0	444.1	424.6	430.4	441.8	464.0
-32.5°	382.4	400.4	420.9	446.1	468.8	493.9	519.4	478.5	436.5	420.1	423.5
-35°	364.8	382.3	399.3	415.6	432.1	450.5	470.9	494.4	515.3	496.3	468.9
-37.5°	341.7	361.7	378.4	391.4	404.3	416.2	432.5	448.5	465.6	488.6	505.5
-40°	304.2	335.4	354.4	371.0	381.6	390.7	401.9	413.0	430.9	451.5	469.7
-42.5°	261.0	292.0	323.0	343.2	358.5	368.6	375.8	383.0	405.8	425.9	442.2
-45°	222.1	248.8	273.9	301.1	324.9	337.4	347.3	360.9	382.7	403.5	420.4
-47.5°	191.7	211.0	232.8	253.2	270.0	288.8	305.9	327.8	348.9	370.1	388.2
-50°	166.9	181.5	198.6	213.0	225.3	237.5	248.4	269.7	293.6	316.3	338.2
-52.5°	147.4	159.2	170.9	179.7	188.3	195.9	203.5	221.5	239.1	255.8	276.6
-55°	131.1	140.3	149.1	153.9	158.5	162.5	169.5	183.4	196.7	209.2	230.6
-57.5°	116.1	123.7	130.0	132.5	134.5	135.9	143.1	154.1	164.4	175.1	195.7
-60°	100.4	108.5	112.7	113.9	114.7	114.9	123.1	132.5	141.2	151.9	171.1
-62.5°	83.2	90.7	94.2	95.7	96.6	96.8	107.0	116.5	125.2	138.3	158.9
-65°	67.3	73.0	75.4	76.7	77.2	79.7	92.2	103.5	113.7	134.7	167.0
-67.5°	54.8	57.3	58.6	59.3	60.1	65.4	80.1	93.6	106.1	133.0	175.4
-70°	43.3	44.5	45.5	46.3	46.9	53.2	66.9	81.3	96.2	111.0	126.9
-72.5°	32.5	33.5	34.3	35.0	35.5	40.7	50.2	60.6	71.5	78.2	83.1
-75°	22.5	23.7	24.5	25.1	25.4	29.0	34.2	39.8	45.5	48.5	50.6
-77.5°	14.1	15.1	15.8	16.3	16.6	18.9	21.9	25.0	28.2	29.9	31.3
-80°	7.9	8.5	9.0	9.3	9.6	10.7	12.0	13.3	14.8	15.3	15.7
-82.5°	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8
-85°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	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: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
82.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.5
80°	15.9	16.1	15.5	14.8	15.5	16.1	15.9	15.7	15.3	14.8	13.3
77.5°	32.6	33.7	32.6	31.1	32.6	33.7	32.6	31.3	29.9	28.2	25.0
75°	52.5	54.2	53.2	51.8	53.2	54.2	52.5	50.6	48.5	45.5	39.8
72.5°	87.7	92.0	90.9	88.9	90.9	92.0	87.7	83.1	78.2	71.5	60.6
70°	143.5	160.4	159.7	155.5	159.7	160.4	143.5	126.9	111.0	96.2	81.3
67.5°	221.3	269.0	284.2	291.8	284.2	269.0	221.3	175.4	133.0	106.1	93.6
65°	197.1	226.0	237.4	245.9	237.4	226.0	197.1	167.0	134.7	113.7	103.5
62.5°	177.3	194.4	198.1	198.5	198.1	194.4	177.3	158.9	138.3	125.2	116.5
60°	189.7	207.9	210.6	207.4	210.6	207.9	189.7	171.1	151.9	141.2	132.5
57.5°	215.5	234.5	238.0	234.0	238.0	234.5	215.5	195.7	175.1	164.4	154.1
55°	251.1	270.3	276.7	275.5	276.7	270.3	251.1	230.6	209.2	196.7	183.4
52.5°	296.5	314.3	321.6	321.4	321.6	314.3	296.5	276.6	255.8	239.1	221.5
50°	357.3	373.1	381.0	382.1	381.0	373.1	357.3	338.2	316.3	293.6	269.7
47.5°	401.1	411.5	417.0	417.7	417.0	411.5	401.1	388.2	370.1	348.9	327.8
45°	427.9	433.5	437.8	441.4	437.8	433.5	427.9	420.4	403.5	382.7	360.9
42.5°	453.2	464.9	473.5	475.4	473.5	464.9	453.2	442.2	425.9	405.8	383.0
40°	487.0	503.1	518.5	534.7	518.5	503.1	487.0	469.7	451.5	430.9	413.0
37.5°	523.1	541.0	555.9	564.3	555.9	541.0	523.1	505.5	488.6	465.6	448.5
35°	449.6	437.8	430.8	428.0	430.8	437.8	449.6	468.9	496.3	515.3	494.4
32.5°	425.5	426.3	424.9	422.1	424.9	426.3	425.5	423.5	420.1	436.5	478.5
30°	480.4	488.2	489.2	488.8	489.2	488.2	480.4	464.0	441.8	430.4	424.6
27.5°	599.8	619.8	626.1	638.4	626.1	619.8	599.8	563.3	513.9	481.3	443.0
25°	757.2	787.4	801.9	807.2	801.9	787.4	757.2	711.1	651.5	583.3	510.2
22.5°	897.0	920.1	933.6	944.9	933.6	920.1	897.0	862.3	800.8	718.5	629.7
20°	1062.8	1104.9	1124.2	1125.6	1124.2	1104.9	1062.8	991.0	929.5	855.8	756.7
17.5°	1321.6	1403.5	1444.4	1455.9	1444.4	1403.5	1321.6	1205.7	1097.3	969.9	876.5
15°	1729.8	1938.9	2046.4	2097.2	2046.4	1938.9	1729.8	1503.9	1319.3	1136.8	968.0
12.5°	2395.8	2867.1	3248.3	3391.7	3248.3	2867.1	2395.8	1984.5	1584.0	1317.5	1094.1
10°	3715.3	5122.9	6767.3	7534.4	6767.3	5122.9	3715.3	2621.3	1990.7	1501.1	1206.4
7.5°	7187.7	16688.5	32345.0	39813.6	32345.0	16688.5	7187.7	3752.0	2409.1	1737.5	1326.6
5°	15320.7	66119.5	118411.7	139084.6	118411.7	66119.5	15320.7	5220.7	2926.0	1969.1	1414.1
2.5°	24402.6	108444.6	204617.4	239257.7	204617.4	108444.6	24402.6	6864.9	3406.3	2115.3	1477.0
0°	29156.3	114280.6	225790.7	260354.5	225790.7	114280.6	29156.3	7085.6	3583.6	2159.5	1495.9
-2.5°	24402.6	108444.6	204617.4	239257.6	204617.4	108444.6	24402.6	6864.9	3406.3	2115.3	1477.0
-5°	15320.7	66119.5	118411.7	139084.6	118411.7	66119.5	15320.7	5220.7	2926.0	1969.1	1414.1
-7.5°	7187.7	16688.5	32345.0	39813.6	32345.0	16688.5	7187.7	3752.0	2409.1	1737.5	1326.6
-10°	3715.3	5122.9	6767.3	7534.4	6767.3	5122.9	3715.3	2621.3	1990.7	1501.1	1206.4
-12.5°	2395.8	2867.1	3248.3	3391.7	3248.3	2867.1	2395.8	1984.5	1584.0	1317.5	1094.1
-15°	1729.8	1938.9	2046.4	2097.2	2046.4	1938.9	1729.8	1503.9	1319.3	1136.8	968.0
-17.5°	1321.6	1403.5	1444.4	1455.9	1444.4	1403.5	1321.6	1205.7	1097.3	969.9	876.5
-20°	1062.8	1104.9	1124.2	1125.6	1124.2	1104.9	1062.8	991.0	929.5	855.8	756.7



REPORT NUMBER: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	897.0	920.1	933.6	944.9	933.6	920.1	897.0	862.3	800.8	718.5	629.7
-25°	757.2	787.4	801.9	807.2	801.9	787.4	757.2	711.1	651.5	583.3	510.2
-27.5°	599.8	619.8	626.1	638.4	626.1	619.8	599.8	563.3	513.9	481.3	443.0
-30°	480.4	488.2	489.2	488.8	489.2	488.2	480.4	464.0	441.8	430.4	424.6
-32.5°	425.5	426.3	424.9	422.1	424.9	426.3	425.5	423.5	420.1	436.5	478.5
-35°	449.6	437.8	430.8	428.0	430.8	437.8	449.6	468.9	496.3	515.3	494.4
-37.5°	523.1	541.0	555.9	564.3	555.9	541.0	523.1	505.5	488.6	465.6	448.5
-40°	487.0	503.1	518.5	534.7	518.5	503.1	487.0	469.7	451.5	430.9	413.0
-42.5°	453.2	464.9	473.5	475.4	473.5	464.9	453.2	442.2	425.9	405.8	383.0
-45°	427.9	433.5	437.8	441.4	437.8	433.5	427.9	420.4	403.5	382.7	360.9
-47.5°	401.1	411.5	417.0	417.7	417.0	411.5	401.1	388.2	370.1	348.9	327.8
-50°	357.3	373.1	381.0	382.1	381.0	373.1	357.3	338.2	316.3	293.6	269.7
-52.5°	296.5	314.3	321.6	321.4	321.6	314.3	296.5	276.6	255.8	239.1	221.5
-55°	251.1	270.3	276.7	275.5	276.7	270.3	251.1	230.6	209.2	196.7	183.4
-57.5°	215.5	234.5	238.0	234.0	238.0	234.5	215.5	195.7	175.1	164.4	154.1
-60°	189.7	207.9	210.6	207.4	210.6	207.9	189.7	171.1	151.9	141.2	132.5
-62.5°	177.3	194.4	198.1	198.5	198.1	194.4	177.3	158.9	138.3	125.2	116.5
-65°	197.1	226.0	237.4	245.9	237.4	226.0	197.1	167.0	134.7	113.7	103.5
-67.5°	221.3	269.0	284.2	291.8	284.2	269.0	221.3	175.4	133.0	106.1	93.6
-70°	143.5	160.4	159.7	155.5	159.7	160.4	143.5	126.9	111.0	96.2	81.3
-72.5°	87.7	92.0	90.9	88.9	90.9	92.0	87.7	83.1	78.2	71.5	60.6
-75°	52.5	54.2	53.2	51.8	53.2	54.2	52.5	50.6	48.5	45.5	39.8
-77.5°	32.6	33.7	32.6	31.1	32.6	33.7	32.6	31.3	29.9	28.2	25.0
-80°	15.9	16.1	15.5	14.8	15.5	16.1	15.9	15.7	15.3	14.8	13.3
-82.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.5
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	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: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
85°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
82.5°	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.3
80°	12.0	10.7	9.6	9.3	9.0	8.5	7.9	7.1	6.3	5.7	5.4
77.5°	21.9	18.9	16.6	16.3	15.8	15.1	14.1	12.5	11.3	10.1	9.0
75°	34.2	29.0	25.4	25.1	24.5	23.7	22.5	20.5	18.4	16.2	14.2
72.5°	50.2	40.7	35.5	35.0	34.3	33.5	32.5	30.8	28.2	24.7	21.5
70°	66.9	53.2	46.9	46.3	45.5	44.5	43.3	42.0	40.6	38.1	33.2
67.5°	80.1	65.4	60.1	59.3	58.6	57.3	54.8	52.6	50.8	48.7	43.8
65°	92.2	79.7	77.2	76.7	75.4	73.0	67.3	63.0	60.0	57.4	52.1
62.5°	107.0	96.8	96.6	95.7	94.2	90.7	83.2	76.4	70.1	64.8	60.3
60°	123.1	114.9	114.7	113.9	112.7	108.5	100.4	91.6	82.2	76.1	70.1
57.5°	143.1	135.9	134.5	132.5	130.0	123.7	116.1	108.2	98.7	90.0	81.7
55°	169.5	162.5	158.5	153.9	149.1	140.3	131.1	121.9	113.5	105.8	96.2
52.5°	203.5	195.9	188.3	179.7	170.9	159.2	147.4	137.1	127.5	119.0	110.1
50°	248.4	237.5	225.3	213.0	198.6	181.5	166.9	153.7	142.9	132.9	122.9
47.5°	305.9	288.8	270.0	253.2	232.8	211.0	191.7	173.0	160.7	147.3	136.2
45°	347.3	337.4	324.9	301.1	273.9	248.8	222.1	200.7	180.9	165.2	149.5
42.5°	375.8	368.6	358.5	343.2	323.0	292.0	261.0	232.8	207.1	185.2	165.3
40°	401.9	390.7	381.6	371.0	354.4	335.4	304.2	268.7	237.8	209.4	181.3
37.5°	432.5	416.2	404.3	391.4	378.4	361.7	341.7	310.0	270.5	234.7	200.9
35°	470.9	450.5	432.1	415.6	399.3	382.3	364.8	343.8	307.7	262.3	221.8
32.5°	519.4	493.9	468.8	446.1	420.9	400.4	382.4	363.8	339.6	293.7	246.8
30°	444.1	500.0	511.3	479.8	446.9	418.6	397.7	379.2	356.7	325.3	272.1
27.5°	431.7	428.4	490.3	515.1	474.6	440.2	414.1	392.7	372.5	345.0	301.0
25°	467.0	438.3	432.4	489.1	507.8	465.0	433.5	407.9	384.6	361.3	335.2
22.5°	535.9	477.7	440.2	432.5	502.7	497.1	456.9	423.8	398.6	383.7	358.8
20°	649.0	540.9	473.9	440.9	455.8	527.0	480.7	445.5	422.3	404.5	380.8
17.5°	762.4	640.6	524.9	458.2	442.4	492.8	509.2	471.8	443.0	425.8	402.6
15°	865.5	733.2	602.9	502.6	450.5	459.9	534.1	496.1	462.4	445.5	420.6
12.5°	931.8	814.8	674.1	542.2	465.0	448.2	519.8	517.6	482.8	457.0	432.2
10°	993.6	872.1	735.0	596.9	495.9	454.8	498.6	535.4	499.2	466.3	441.5
7.5°	1068.6	906.7	780.2	639.0	516.3	457.6	482.3	551.6	514.2	475.7	448.8
5°	1114.9	930.6	807.1	663.3	525.6	457.5	469.8	566.0	527.5	484.8	454.3
2.5°	1143.7	943.9	820.2	676.4	528.2	455.1	464.4	579.3	540.6	490.0	455.7
0°	1147.9	942.0	827.9	681.3	527.3	450.3	468.0	591.0	552.5	493.2	456.2
-2.5°	1143.7	943.9	820.2	676.4	528.2	455.1	464.4	579.3	540.6	490.0	455.7
-5°	1114.9	930.6	807.1	663.3	525.6	457.5	469.8	566.0	527.5	484.8	454.3
-7.5°	1068.6	906.7	780.2	639.0	516.3	457.6	482.3	551.6	514.2	475.7	448.8
-10°	993.6	872.1	735.0	596.9	495.9	454.8	498.6	535.4	499.2	466.3	441.5
-12.5°	931.8	814.8	674.1	542.2	465.0	448.2	519.8	517.6	482.8	457.0	432.2
-15°	865.5	733.2	602.9	502.6	450.5	459.9	534.1	496.1	462.4	445.5	420.6
-17.5°	762.4	640.6	524.9	458.2	442.4	492.8	509.2	471.8	443.0	425.8	402.6
-20°	649.0	540.9	473.9	440.9	455.8	527.0	480.7	445.5	422.3	404.5	380.8



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 CATALOG NUMBER: GFLD-SA3E-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°	535.9	477.7	440.2	432.5	502.7	497.1	456.9	423.8	398.6	383.7	358.8
-25°	467.0	438.3	432.4	489.1	507.8	465.0	433.5	407.9	384.6	361.3	335.2
-27.5°	431.7	428.4	490.3	515.1	474.6	440.2	414.1	392.7	372.5	345.0	301.0
-30°	444.1	500.0	511.3	479.8	446.9	418.6	397.7	379.2	356.7	325.3	272.1
-32.5°	519.4	493.9	468.8	446.1	420.9	400.4	382.4	363.8	339.6	293.7	246.8
-35°	470.9	450.5	432.1	415.6	399.3	382.3	364.8	343.8	307.7	262.3	221.8
-37.5°	432.5	416.2	404.3	391.4	378.4	361.7	341.7	310.0	270.5	234.7	200.9
-40°	401.9	390.7	381.6	371.0	354.4	335.4	304.2	268.7	237.8	209.4	181.3
-42.5°	375.8	368.6	358.5	343.2	323.0	292.0	261.0	232.8	207.1	185.2	165.3
-45°	347.3	337.4	324.9	301.1	273.9	248.8	222.1	200.7	180.9	165.2	149.5
-47.5°	305.9	288.8	270.0	253.2	232.8	211.0	191.7	173.0	160.7	147.3	136.2
-50°	248.4	237.5	225.3	213.0	198.6	181.5	166.9	153.7	142.9	132.9	122.9
-52.5°	203.5	195.9	188.3	179.7	170.9	159.2	147.4	137.1	127.5	119.0	110.1
-55°	169.5	162.5	158.5	153.9	149.1	140.3	131.1	121.9	113.5	105.8	96.2
-57.5°	143.1	135.9	134.5	132.5	130.0	123.7	116.1	108.2	98.7	90.0	81.7
-60°	123.1	114.9	114.7	113.9	112.7	108.5	100.4	91.6	82.2	76.1	70.1
-62.5°	107.0	96.8	96.6	95.7	94.2	90.7	83.2	76.4	70.1	64.8	60.3
-65°	92.2	79.7	77.2	76.7	75.4	73.0	67.3	63.0	60.0	57.4	52.1
-67.5°	80.1	65.4	60.1	59.3	58.6	57.3	54.8	52.6	50.8	48.7	43.8
-70°	66.9	53.2	46.9	46.3	45.5	44.5	43.3	42.0	40.6	38.1	33.2
-72.5°	50.2	40.7	35.5	35.0	34.3	33.5	32.5	30.8	28.2	24.7	21.5
-75°	34.2	29.0	25.4	25.1	24.5	23.7	22.5	20.5	18.4	16.2	14.2
-77.5°	21.9	18.9	16.6	16.3	15.8	15.1	14.1	12.5	11.3	10.1	9.0
-80°	12.0	10.7	9.6	9.3	9.0	8.5	7.9	7.1	6.3	5.7	5.4
-82.5°	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.3
-85°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	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



REPORT NUMBER: P558849 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.1	1.0	0.9
85°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.0	1.8
82.5°	3.1	2.9	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	2.7
80°	5.0	4.6	4.2	3.8	3.4	3.0	2.9	3.0	3.0	3.0	3.0
77.5°	8.2	7.2	6.1	5.5	4.9	4.4	3.9	3.3	3.0	3.0	3.0
75°	12.6	11.5	10.4	8.9	7.3	5.8	5.2	4.5	3.9	3.1	3.0
72.5°	19.5	17.5	15.4	12.9	10.8	8.9	7.1	5.8	5.2	4.4	3.3
70°	28.4	24.4	21.6	18.4	15.0	11.9	9.7	8.1	6.5	5.6	4.5
67.5°	38.5	32.9	28.3	23.9	19.9	16.1	12.5	10.6	8.9	6.9	5.7
65°	46.3	40.6	35.0	29.9	25.0	20.4	16.3	13.5	11.3	9.2	6.9
62.5°	54.4	47.5	41.5	35.8	30.3	25.0	20.1	17.4	14.0	11.4	8.7
60°	63.6	56.7	48.3	41.8	35.6	29.6	24.8	21.3	17.7	13.6	10.7
57.5°	74.7	66.8	57.2	48.3	41.0	34.3	29.7	25.8	21.5	16.8	12.8
55°	86.5	77.3	65.9	55.7	46.7	39.2	35.0	30.6	25.4	20.3	15.0
52.5°	100.1	87.7	75.0	63.1	52.8	44.9	41.1	35.5	30.0	23.8	18.3
50°	112.7	98.7	84.3	71.1	58.7	52.2	47.4	41.5	34.6	27.5	21.9
47.5°	123.3	108.7	94.0	79.0	65.6	60.2	54.8	47.7	39.3	31.8	25.6
45°	134.0	117.9	102.8	87.4	75.0	69.2	62.9	54.2	45.2	36.8	29.4
42.5°	144.6	127.4	110.7	95.3	85.7	78.3	71.4	61.8	51.2	42.1	33.8
40°	158.1	137.0	118.5	104.8	96.1	87.3	79.7	69.9	57.5	47.9	38.5
37.5°	171.2	148.0	127.1	115.0	106.1	96.6	87.7	78.3	65.5	54.6	43.4
35°	188.2	159.6	139.3	125.7	115.1	105.5	95.7	86.4	74.6	61.3	48.3
32.5°	204.6	174.1	153.3	136.6	123.8	113.9	103.5	96.5	84.2	68.0	53.3
30°	226.5	193.4	167.0	146.8	132.3	121.6	113.2	108.0	94.0	74.8	58.5
27.5°	253.6	212.5	181.0	158.3	141.3	129.2	126.2	120.7	104.1	82.2	64.1
25°	281.1	235.0	197.9	169.8	149.7	142.1	138.9	134.3	114.7	90.5	69.6
22.5°	311.6	257.9	214.2	180.7	164.1	154.5	151.1	145.8	125.8	98.8	75.1
20°	341.1	279.6	231.0	198.8	179.6	167.8	162.6	157.2	137.3	107.1	80.4
17.5°	367.9	303.9	254.5	218.7	195.3	180.7	173.7	168.3	149.2	115.2	85.5
15°	385.8	330.0	276.5	237.2	210.4	193.4	184.4	179.3	161.2	123.2	89.2
12.5°	401.0	352.8	296.2	254.5	224.8	205.7	194.8	190.0	173.2	128.3	91.1
10°	413.7	372.4	313.9	270.4	238.6	217.7	204.8	197.6	177.8	130.9	92.8
7.5°	424.1	389.0	329.6	285.2	249.8	223.7	206.4	198.9	180.6	132.8	94.3
5°	431.5	398.7	337.1	289.0	250.7	223.2	206.4	200.0	182.5	134.1	95.4
2.5°	432.5	399.8	339.0	290.2	250.9	222.2	206.2	200.9	183.5	134.8	96.1
0°	432.5	398.4	339.2	290.3	250.3	220.7	205.9	201.4	183.7	134.8	96.3
-2.5°	432.5	399.8	339.0	290.2	250.9	222.2	206.2	200.9	183.5	134.8	96.1
-5°	431.5	398.7	337.1	289.0	250.7	223.2	206.4	200.0	182.5	134.1	95.4
-7.5°	424.1	389.0	329.6	285.2	249.8	223.7	206.4	198.9	180.6	132.8	94.3
-10°	413.7	372.4	313.9	270.4	238.6	217.7	204.8	197.6	177.8	130.9	92.8
-12.5°	401.0	352.8	296.2	254.5	224.8	205.7	194.8	190.0	173.2	128.3	91.1
-15°	385.8	330.0	276.5	237.2	210.4	193.4	184.4	179.3	161.2	123.2	89.2
-17.5°	367.9	303.9	254.5	218.7	195.3	180.7	173.7	168.3	149.2	115.2	85.5
-20°	341.1	279.6	231.0	198.8	179.6	167.8	162.6	157.2	137.3	107.1	80.4



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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°	311.6	257.9	214.2	180.7	164.1	154.5	151.1	145.8	125.8	98.8	75.1
-25°	281.1	235.0	197.9	169.8	149.7	142.1	138.9	134.3	114.7	90.5	69.6
-27.5°	253.6	212.5	181.0	158.3	141.3	129.2	126.2	120.7	104.1	82.2	64.1
-30°	226.5	193.4	167.0	146.8	132.3	121.6	113.2	108.0	94.0	74.8	58.5
-32.5°	204.6	174.1	153.3	136.6	123.8	113.9	103.5	96.5	84.2	68.0	53.3
-35°	188.2	159.6	139.3	125.7	115.1	105.5	95.7	86.4	74.6	61.3	48.3
-37.5°	171.2	148.0	127.1	115.0	106.1	96.6	87.7	78.3	65.5	54.6	43.4
-40°	158.1	137.0	118.5	104.8	96.1	87.3	79.7	69.9	57.5	47.9	38.5
-42.5°	144.6	127.4	110.7	95.3	85.7	78.3	71.4	61.8	51.2	42.1	33.8
-45°	134.0	117.9	102.8	87.4	75.0	69.2	62.9	54.2	45.2	36.8	29.4
-47.5°	123.3	108.7	94.0	79.0	65.6	60.2	54.8	47.7	39.3	31.8	25.6
-50°	112.7	98.7	84.3	71.1	58.7	52.2	47.4	41.5	34.6	27.5	21.9
-52.5°	100.1	87.7	75.0	63.1	52.8	44.9	41.1	35.5	30.0	23.8	18.3
-55°	86.5	77.3	65.9	55.7	46.7	39.2	35.0	30.6	25.4	20.3	15.0
-57.5°	74.7	66.8	57.2	48.3	41.0	34.3	29.7	25.8	21.5	16.8	12.8
-60°	63.6	56.7	48.3	41.8	35.6	29.6	24.8	21.3	17.7	13.6	10.7
-62.5°	54.4	47.5	41.5	35.8	30.3	25.0	20.1	17.4	14.0	11.4	8.7
-65°	46.3	40.6	35.0	29.9	25.0	20.4	16.3	13.5	11.3	9.2	6.9
-67.5°	38.5	32.9	28.3	23.9	19.9	16.1	12.5	10.6	8.9	6.9	5.7
-70°	28.4	24.4	21.6	18.4	15.0	11.9	9.7	8.1	6.5	5.6	4.5
-72.5°	19.5	17.5	15.4	12.9	10.8	8.9	7.1	5.8	5.2	4.4	3.3
-75°	12.6	11.5	10.4	8.9	7.3	5.8	5.2	4.5	3.9	3.1	3.0
-77.5°	8.2	7.2	6.1	5.5	4.9	4.4	3.9	3.3	3.0	3.0	3.0
-80°	5.0	4.6	4.2	3.8	3.4	3.0	2.9	3.0	3.0	3.0	3.0
-82.5°	3.1	2.9	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	2.7
-85°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.0	1.8
-87.5°	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.1	1.0	0.9
-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
70°	3.1	3.0	3.0	3.0	2.0	1.0	0.0
67.5°	4.2	3.0	3.0	3.0	2.3	1.1	0.0
65°	5.4	3.5	3.0	3.0	2.5	1.3	0.0
62.5°	6.5	4.5	3.0	3.0	2.8	1.4	0.0
60°	7.6	5.4	3.0	3.0	3.0	1.5	0.0
57.5°	9.5	6.4	3.8	3.0	3.0	1.6	0.0
55°	11.5	7.4	4.6	3.0	3.0	1.7	0.0
52.5°	13.6	8.4	5.3	3.0	3.1	1.8	0.0
50°	15.7	10.3	6.1	3.0	3.1	1.9	0.0
47.5°	18.1	12.2	6.8	3.1	3.1	2.0	0.0
45°	21.4	14.0	7.6	3.7	3.2	2.1	0.0
42.5°	24.8	15.9	8.3	4.2	3.2	2.2	0.0
40°	28.2	17.8	9.4	4.8	3.3	2.3	0.0
37.5°	31.6	19.7	10.8	5.3	3.3	2.4	0.0
35°	35.1	22.1	12.3	5.7	3.4	2.5	0.0
32.5°	38.7	24.9	13.7	6.1	3.4	2.5	0.0
30°	42.8	27.5	15.0	6.4	3.5	2.6	0.0
27.5°	46.8	30.1	15.9	6.7	3.6	2.7	0.0
25°	50.7	32.7	16.5	7.0	3.7	2.7	0.0
22.5°	54.5	34.7	17.1	7.2	3.7	2.8	0.0
20°	58.3	35.4	17.5	7.4	3.8	2.8	0.0
17.5°	60.2	35.9	17.7	7.5	3.9	2.9	0.0
15°	61.0	36.1	17.8	7.6	4.0	2.9	0.0
12.5°	61.4	36.1	17.8	7.6	4.0	2.9	0.0
10°	61.5	35.8	17.7	7.6	4.1	3.0	0.0
7.5°	61.4	35.3	17.5	7.6	4.2	3.0	0.0
5°	61.0	34.6	17.2	7.6	4.3	3.0	0.0
2.5°	60.2	33.7	16.8	7.5	4.3	3.0	0.0
0°	59.2	32.6	16.3	7.4	4.4	3.0	0.0
-2.5°	60.2	33.7	16.8	7.5	4.3	3.0	0.0
-5°	61.0	34.6	17.2	7.6	4.3	3.0	0.0
-7.5°	61.4	35.3	17.5	7.6	4.2	3.0	0.0
-10°	61.5	35.8	17.7	7.6	4.1	3.0	0.0
-12.5°	61.4	36.1	17.8	7.6	4.0	2.9	0.0
-15°	61.0	36.1	17.8	7.6	4.0	2.9	0.0
-17.5°	60.2	35.9	17.7	7.5	3.9	2.9	0.0
-20°	58.3	35.4	17.5	7.4	3.8	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	54.5	34.7	17.1	7.2	3.7	2.8	0.0
-25°	50.7	32.7	16.5	7.0	3.7	2.7	0.0
-27.5°	46.8	30.1	15.9	6.7	3.6	2.7	0.0
-30°	42.8	27.5	15.0	6.4	3.5	2.6	0.0
-32.5°	38.7	24.9	13.7	6.1	3.4	2.5	0.0
-35°	35.1	22.1	12.3	5.7	3.4	2.5	0.0
-37.5°	31.6	19.7	10.8	5.3	3.3	2.4	0.0
-40°	28.2	17.8	9.4	4.8	3.3	2.3	0.0
-42.5°	24.8	15.9	8.3	4.2	3.2	2.2	0.0
-45°	21.4	14.0	7.6	3.7	3.2	2.1	0.0
-47.5°	18.1	12.2	6.8	3.1	3.1	2.0	0.0
-50°	15.7	10.3	6.1	3.0	3.1	1.9	0.0
-52.5°	13.6	8.4	5.3	3.0	3.1	1.8	0.0
-55°	11.5	7.4	4.6	3.0	3.0	1.7	0.0
-57.5°	9.5	6.4	3.8	3.0	3.0	1.6	0.0
-60°	7.6	5.4	3.0	3.0	3.0	1.5	0.0
-62.5°	6.5	4.5	3.0	3.0	2.8	1.4	0.0
-65°	5.4	3.5	3.0	3.0	2.5	1.3	0.0
-67.5°	4.2	3.0	3.0	3.0	2.3	1.1	0.0
-70°	3.1	3.0	3.0	3.0	2.0	1.0	0.0
-72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
-75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
-77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
-80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)