

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: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-930-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559209 (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-SA6D-930-U-TSB-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

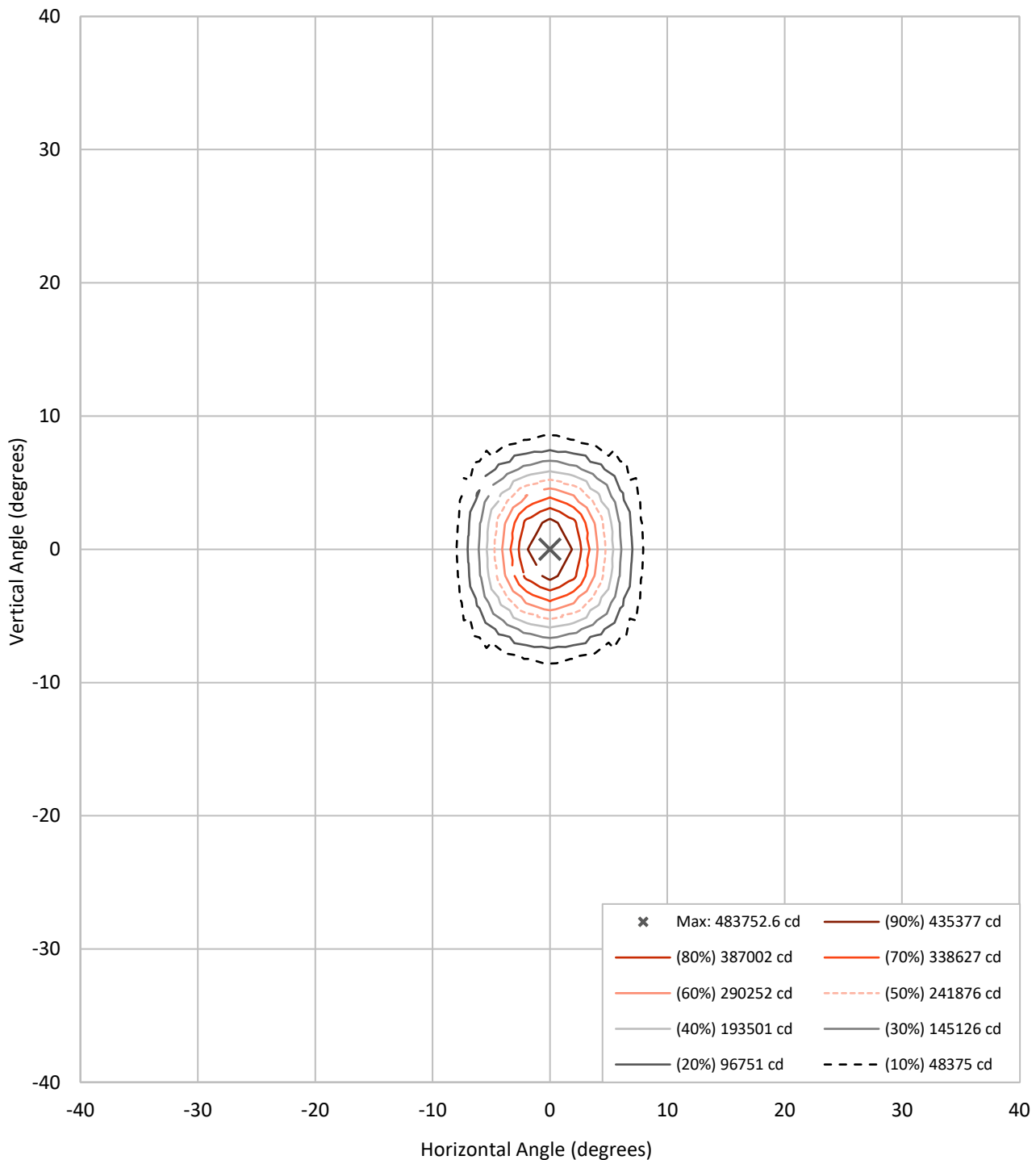
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18838.3 lumens	Max Intensity:	483752.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	8074.5 lumens	Field Lumens:	13916.2 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 319  
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





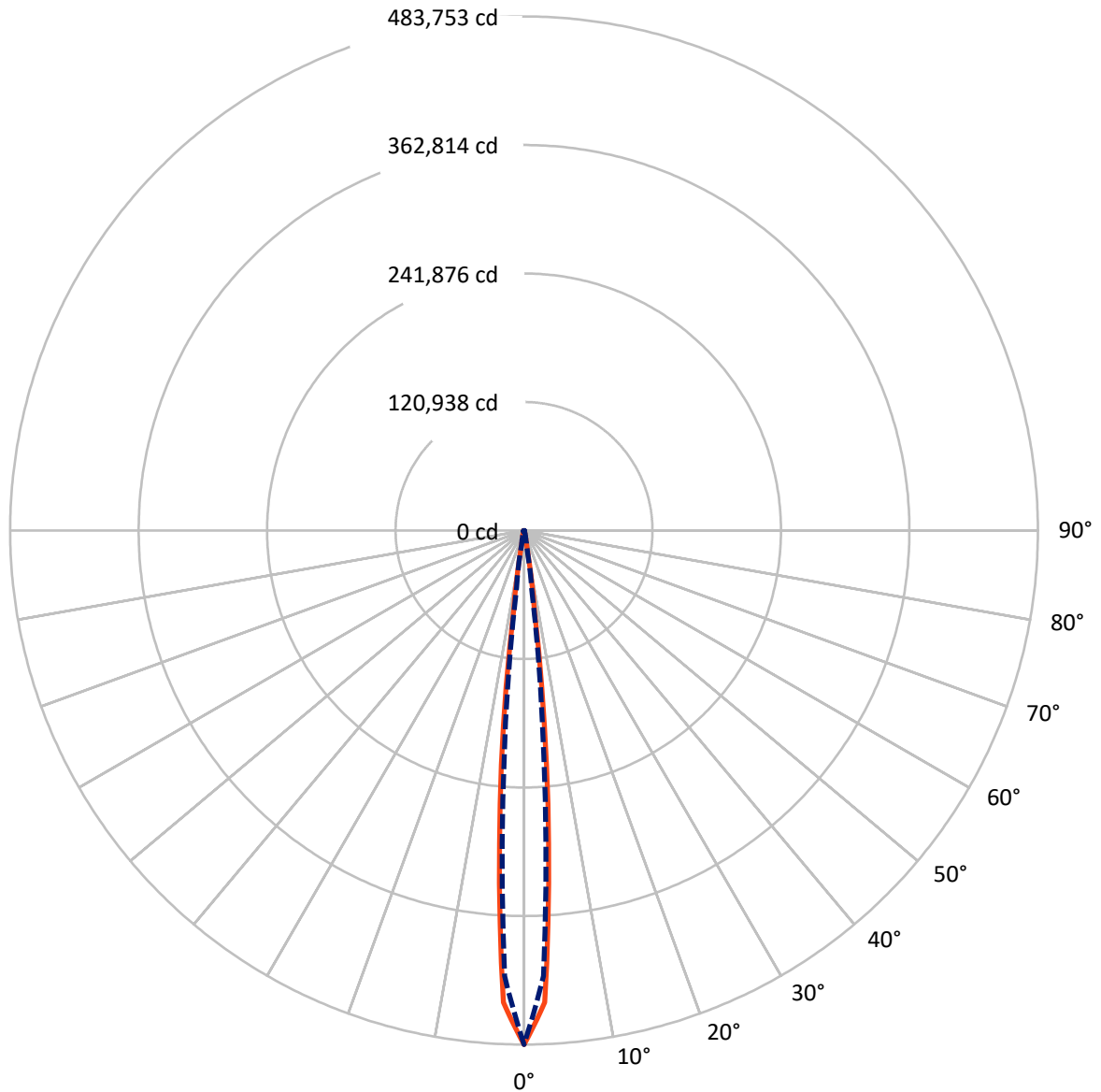
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### Lumen Table

90	0.1	0.5		2.0		4.6		7.8		4.6		2.0		0.5		0.1			
80	0.1	0.5		2.0		4.6		7.8		4.6		2.0		0.5		0.1			
70	0.3	0.3	1.0	2.1	3.2	4.1	6.6	11.7	11.7	6.6	4.1	3.2	2.1	1.0	0.3	0.3			
60		0.7	1.9	3.9	6.1	8.3	11.2	15.2	15.2	11.2	8.3	6.1	3.9	1.9	0.7				
50	1.0	1.3	2.9	6.1	10.6	16.0	20.5	24.5	24.5	20.5	16.0	10.6	6.1	2.9	1.3	1.0			
40		2.1	4.2	9.2	16.6	22.3	25.2	26.7	26.7	25.2	22.3	16.6	9.2	4.2	2.1				
30	1.9	3.0	5.8	13.0	20.3	24.3	33.1	43.5	43.5	33.1	24.3	20.3	13.0	5.8	3.0	1.9			
20		4.1	8.0	16.4	22.5	31.9	64.7	129.4	129.4	64.7	31.9	22.5	16.4	8.0	4.1				
10	2.2	4.6	9.6	18.3	23.3	41.0	128.0	3784.9	3784.9	128.0	41.0	23.3	18.3	9.6	4.6	2.2			
0		4.6	9.6	18.3	23.3	41.0	128.0	3784.9	3784.9	128.0	41.0	23.3	18.3	9.6	4.6				
-10	1.9	4.1	8.0	16.4	22.5	31.9	64.7	129.4	129.4	64.7	31.9	22.5	16.4	8.0	4.1	1.9			
-20		3.0	5.8	13.0	20.3	24.3	33.1	43.5	43.5	33.1	24.3	20.3	13.0	5.8	3.0				
-30	1.0	2.1	4.2	9.2	16.6	22.3	25.2	26.7	26.7	25.2	22.3	16.6	9.2	4.2	2.1	1.0			
-40		1.3	2.9	6.1	10.6	16.0	20.5	24.5	24.5	20.5	16.0	10.6	6.1	2.9	1.3				
-50	0.3	0.7	1.9	3.9	6.1	8.3	11.2	15.2	15.2	11.2	8.3	6.1	3.9	1.9	0.7	0.3			
-60		0.3	1.0	2.1	3.2	4.1	6.6	11.7	11.7	6.6	4.1	3.2	2.1	1.0	0.3				
-70	0.1	0.5		2.0		4.6		7.8		4.6		2.0		0.5		0.1			
-80		0.5		2.0		4.6		7.8		4.6		2.0		0.5					
-90	0.1	0.5		2.0		4.6		7.8		4.6		2.0		0.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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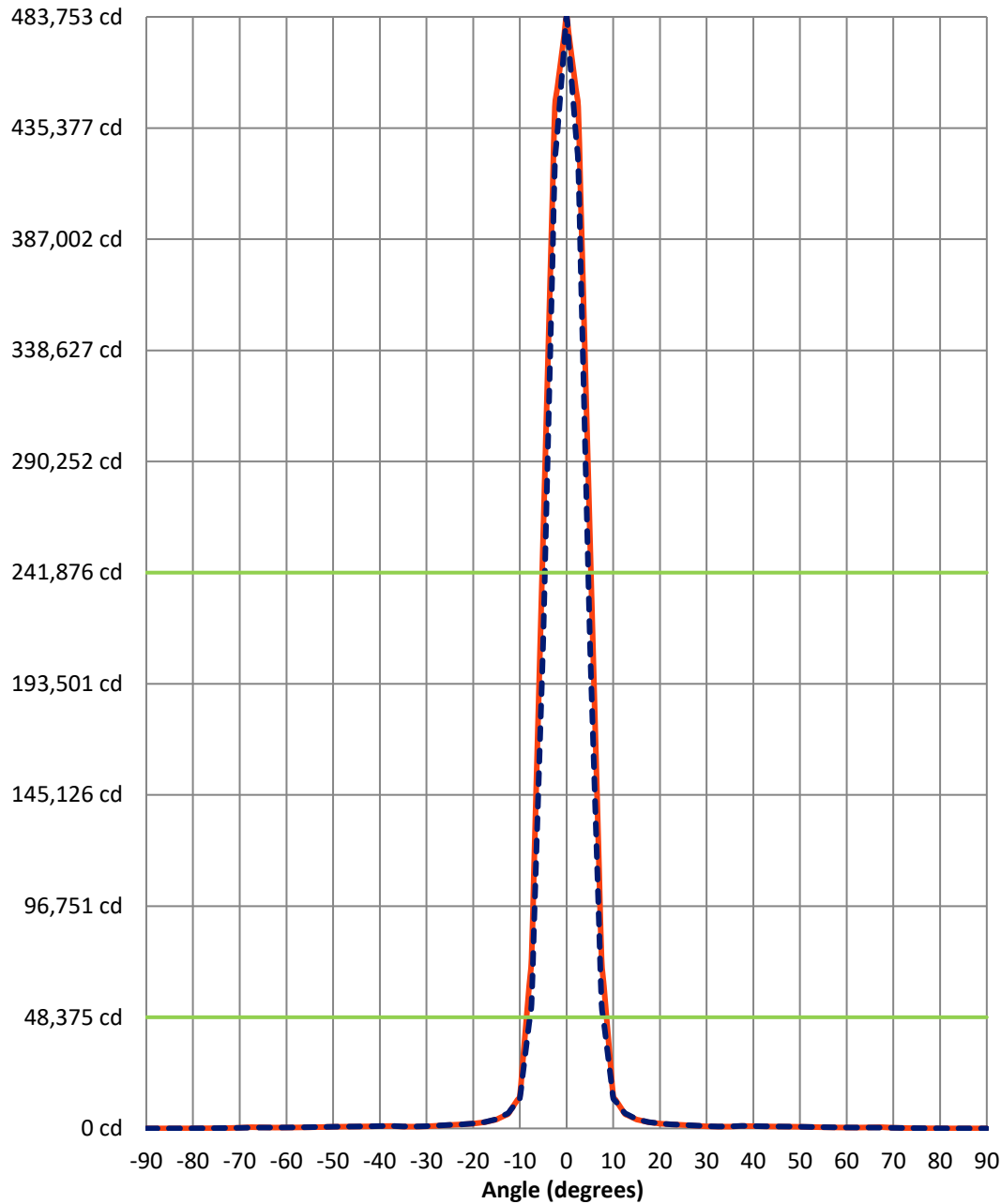
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 8074.5  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 13916.2  
Efficiency: 73.9%

**Spill:**  
Lumens: 4922.1  
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	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.5	5.5	5.5
80°	0.0	1.0	1.9	2.9	3.8	4.7	5.5	5.5	5.5	5.5	5.5
77.5°	0.0	1.2	2.4	3.6	4.7	5.5	5.5	5.5	5.5	5.5	6.1
75°	0.0	1.4	2.8	4.3	5.5	5.5	5.5	5.5	5.7	7.3	8.4
72.5°	0.0	1.7	3.3	4.9	5.5	5.5	5.5	6.1	8.1	9.7	10.8
70°	0.0	1.9	3.8	5.5	5.5	5.5	5.8	8.3	10.5	12.1	15.1
67.5°	0.0	2.1	4.2	5.5	5.5	5.5	7.9	10.6	12.9	16.6	19.8
65°	0.0	2.3	4.6	5.5	5.5	6.4	9.9	12.9	17.0	21.1	25.2
62.5°	0.0	2.5	5.1	5.5	5.5	8.3	12.0	16.2	21.2	26.0	32.4
60°	0.0	2.7	5.5	5.5	5.5	10.1	14.1	20.0	25.3	32.9	39.6
57.5°	0.0	3.0	5.5	5.5	6.9	11.9	17.6	23.8	31.3	39.8	47.9
55°	0.0	3.2	5.6	5.5	8.4	13.7	21.4	27.8	37.7	47.1	56.9
52.5°	0.0	3.3	5.6	5.5	9.9	15.7	25.3	34.0	44.2	55.7	66.0
50°	0.0	3.5	5.7	5.5	11.3	19.2	29.2	40.6	51.0	64.3	77.1
47.5°	0.0	3.7	5.8	5.8	12.7	22.6	33.6	47.5	59.0	73.1	88.7
45°	0.0	3.9	5.8	6.8	14.1	26.1	39.7	54.5	68.4	84.0	100.7
42.5°	0.0	4.1	5.9	7.8	15.4	29.6	46.0	62.6	78.3	95.2	114.9
40°	0.0	4.2	6.0	8.8	17.4	33.1	52.3	71.5	89.1	106.9	129.9
37.5°	0.0	4.4	6.1	9.7	20.1	36.6	58.7	80.5	101.4	121.7	145.5
35°	0.0	4.5	6.3	10.5	22.8	41.2	65.1	89.7	113.8	138.7	160.5
32.5°	0.0	4.6	6.4	11.3	25.4	46.2	71.9	99.1	126.4	156.4	179.4
30°	0.0	4.8	6.5	11.9	27.9	51.1	79.4	108.7	139.1	174.7	200.7
27.5°	0.0	4.9	6.7	12.5	29.5	56.0	86.8	119.1	152.8	193.5	224.2
25°	0.0	5.0	6.8	13.0	30.8	60.7	94.1	129.4	168.2	213.0	249.5
22.5°	0.0	5.1	7.0	13.4	31.8	64.5	101.3	139.5	183.6	233.7	271.0
20°	0.0	5.2	7.1	13.7	32.5	65.8	108.3	149.4	199.0	255.2	292.1
17.5°	0.0	5.2	7.3	13.9	33.0	66.6	112.0	158.9	214.0	277.2	312.8
15°	0.0	5.3	7.4	14.1	33.2	67.0	113.3	165.8	228.8	299.6	333.2
12.5°	0.0	5.4	7.6	14.2	33.2	66.9	114.1	169.3	238.3	321.9	353.1
10°	0.0	5.4	7.7	14.2	33.0	66.4	114.4	172.5	243.1	330.4	367.2
7.5°	0.0	5.5	7.9	14.2	32.6	65.5	114.2	175.1	246.7	335.6	369.7
5°	0.0	5.5	8.0	14.1	32.0	64.2	113.4	177.2	249.1	339.1	371.8
2.5°	0.0	5.5	8.2	14.0	31.2	62.5	112.0	178.4	250.3	341.0	373.3
0°	0.0	5.5	8.3	13.8	30.3	60.5	110.1	178.9	250.4	341.2	374.3
-2.5°	0.0	5.5	8.2	14.0	31.2	62.5	112.0	178.4	250.3	341.0	373.3
-5°	0.0	5.5	8.0	14.1	32.0	64.2	113.4	177.2	249.1	339.1	371.8
-7.5°	0.0	5.5	7.9	14.2	32.6	65.5	114.2	175.1	246.7	335.6	369.7
-10°	0.0	5.4	7.7	14.2	33.0	66.4	114.4	172.5	243.1	330.4	367.2
-12.5°	0.0	5.4	7.6	14.2	33.2	66.9	114.1	169.3	238.3	321.9	353.1
-15°	0.0	5.3	7.4	14.1	33.2	67.0	113.3	165.8	228.8	299.6	333.2
-17.5°	0.0	5.2	7.3	13.9	33.0	66.6	112.0	158.9	214.0	277.2	312.8
-20°	0.0	5.2	7.1	13.7	32.5	65.8	108.3	149.4	199.0	255.2	292.1



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 CATALOG NUMBER: GFLD-SA6D-930-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	5.1	7.0	13.4	31.8	64.5	101.3	139.5	183.6	233.7	271.0
-25°	0.0	5.0	6.8	13.0	30.8	60.7	94.1	129.4	168.2	213.0	249.5
-27.5°	0.0	4.9	6.7	12.5	29.5	56.0	86.8	119.1	152.8	193.5	224.2
-30°	0.0	4.8	6.5	11.9	27.9	51.1	79.4	108.7	139.1	174.7	200.7
-32.5°	0.0	4.6	6.4	11.3	25.4	46.2	71.9	99.1	126.4	156.4	179.4
-35°	0.0	4.5	6.3	10.5	22.8	41.2	65.1	89.7	113.8	138.7	160.5
-37.5°	0.0	4.4	6.1	9.7	20.1	36.6	58.7	80.5	101.4	121.7	145.5
-40°	0.0	4.2	6.0	8.8	17.4	33.1	52.3	71.5	89.1	106.9	129.9
-42.5°	0.0	4.1	5.9	7.8	15.4	29.6	46.0	62.6	78.3	95.2	114.9
-45°	0.0	3.9	5.8	6.8	14.1	26.1	39.7	54.5	68.4	84.0	100.7
-47.5°	0.0	3.7	5.8	5.8	12.7	22.6	33.6	47.5	59.0	73.1	88.7
-50°	0.0	3.5	5.7	5.5	11.3	19.2	29.2	40.6	51.0	64.3	77.1
-52.5°	0.0	3.3	5.6	5.5	9.9	15.7	25.3	34.0	44.2	55.7	66.0
-55°	0.0	3.2	5.6	5.5	8.4	13.7	21.4	27.8	37.7	47.1	56.9
-57.5°	0.0	3.0	5.5	5.5	6.9	11.9	17.6	23.8	31.3	39.8	47.9
-60°	0.0	2.7	5.5	5.5	5.5	10.1	14.1	20.0	25.3	32.9	39.6
-62.5°	0.0	2.5	5.1	5.5	5.5	8.3	12.0	16.2	21.2	26.0	32.4
-65°	0.0	2.3	4.6	5.5	5.5	6.4	9.9	12.9	17.0	21.1	25.2
-67.5°	0.0	2.1	4.2	5.5	5.5	5.5	7.9	10.6	12.9	16.6	19.8
-70°	0.0	1.9	3.8	5.5	5.5	5.5	5.8	8.3	10.5	12.1	15.1
-72.5°	0.0	1.7	3.3	4.9	5.5	5.5	5.5	6.1	8.1	9.7	10.8
-75°	0.0	1.4	2.8	4.3	5.5	5.5	5.5	5.5	5.7	7.3	8.4
-77.5°	0.0	1.2	2.4	3.6	4.7	5.5	5.5	5.5	5.5	5.5	6.1
-80°	0.0	1.0	1.9	2.9	3.8	4.7	5.5	5.5	5.5	5.5	5.5
-82.5°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	4.9	5.5	5.5	5.5
-85°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	2.2	2.1	1.9	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
85°	4.5	4.2	3.6	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4
82.5°	5.1	4.8	4.7	4.8	5.0	5.3	5.6	6.2	6.6	7.1	7.6
80°	5.4	5.5	6.3	7.1	7.8	8.6	9.3	10.0	10.7	11.7	13.2
77.5°	7.1	8.2	9.2	10.2	11.4	13.5	15.3	16.8	18.7	21.0	23.3
75°	9.6	10.9	13.5	16.6	19.4	21.5	23.5	26.5	30.1	34.2	38.1
72.5°	13.2	16.5	20.2	24.1	28.7	32.6	36.3	39.9	45.8	52.3	57.2
70°	18.2	22.2	27.9	34.2	40.1	45.2	52.7	61.7	70.8	75.4	78.1
67.5°	23.4	30.0	37.0	44.4	52.6	61.2	71.6	81.3	90.6	94.3	97.7
65°	30.4	37.9	46.4	55.6	65.0	75.4	86.1	96.9	106.5	111.4	117.1
62.5°	37.5	46.4	56.3	66.6	77.1	88.3	101.1	112.0	120.3	130.3	141.9
60°	46.1	55.0	66.1	77.6	89.8	105.3	118.2	130.3	141.5	152.8	170.2
57.5°	55.1	63.7	76.1	89.7	106.3	124.0	138.7	151.8	167.2	183.3	200.9
55°	65.0	72.7	86.8	103.5	122.5	143.6	160.9	178.7	196.5	210.9	226.5
52.5°	76.3	83.3	98.0	117.2	139.4	163.0	186.0	204.7	221.2	237.0	254.7
50°	88.1	97.0	109.0	132.1	156.7	183.4	209.5	228.3	247.0	265.6	285.5
47.5°	101.8	111.8	121.8	146.7	174.6	202.1	229.1	253.0	273.7	298.5	321.5
45°	116.8	128.5	139.3	162.4	191.1	219.0	248.9	277.8	306.9	336.2	372.8
42.5°	132.6	145.4	159.1	177.0	205.7	236.7	268.7	307.1	344.2	384.9	432.5
40°	148.0	162.2	178.6	194.8	220.2	254.6	293.7	336.9	389.0	441.8	499.3
37.5°	163.0	179.4	197.0	213.8	236.3	275.0	318.2	373.2	436.1	502.7	575.9
35°	177.8	195.9	213.9	233.6	258.8	296.5	349.7	412.1	487.5	571.7	638.7
32.5°	192.2	211.6	229.9	253.8	284.8	323.4	380.1	458.7	545.7	631.0	675.8
30°	210.3	225.9	245.9	272.8	310.3	359.4	420.9	505.6	604.5	662.8	704.5
27.5°	234.4	240.0	262.6	294.1	336.3	394.7	471.2	559.2	641.0	692.2	729.5
25°	258.1	264.0	278.2	315.5	367.7	436.6	522.4	622.7	671.3	714.5	757.8
22.5°	280.8	287.0	304.9	335.7	398.0	479.1	578.9	666.7	713.0	740.6	787.5
20°	302.1	311.6	333.7	369.4	429.1	519.4	633.7	707.5	751.6	784.7	827.9
17.5°	322.7	335.8	362.9	406.2	472.8	564.7	683.6	748.1	791.1	823.1	876.6
15°	342.6	359.4	390.9	440.7	513.6	613.1	716.8	781.4	827.7	859.2	921.7
12.5°	361.9	382.3	417.7	472.7	550.4	655.5	745.1	803.0	849.2	897.2	961.8
10°	380.6	404.5	443.2	502.4	583.3	691.9	768.6	820.3	866.5	927.6	994.9
7.5°	383.4	415.7	464.1	529.8	612.4	722.8	788.0	833.8	883.9	955.4	1024.9
5°	383.5	414.8	465.7	536.9	626.3	741.0	801.6	844.0	900.7	980.1	1051.7
2.5°	383.1	412.8	466.1	539.2	629.8	742.8	803.6	846.7	910.4	1004.4	1076.3
0°	382.5	410.0	465.1	539.4	630.2	740.3	803.6	847.6	916.4	1026.5	1098.0
-2.5°	383.1	412.8	466.1	539.2	629.8	742.8	803.6	846.7	910.4	1004.4	1076.3
-5°	383.5	414.8	465.7	536.9	626.3	741.0	801.6	844.0	900.7	980.1	1051.7
-7.5°	383.4	415.7	464.1	529.8	612.4	722.8	788.0	833.8	883.9	955.4	1024.9
-10°	380.6	404.5	443.2	502.4	583.3	691.9	768.6	820.3	866.5	927.6	994.9
-12.5°	361.9	382.3	417.7	472.7	550.4	655.5	745.1	803.0	849.2	897.2	961.8
-15°	342.6	359.4	390.9	440.7	513.6	613.1	716.8	781.4	827.7	859.2	921.7
-17.5°	322.7	335.8	362.9	406.2	472.8	564.7	683.6	748.1	791.1	823.1	876.6
-20°	302.1	311.6	333.7	369.4	429.1	519.4	633.7	707.5	751.6	784.7	827.9



REPORT NUMBER: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	280.8	287.0	304.9	335.7	398.0	479.1	578.9	666.7	713.0	740.6	787.5
-25°	258.1	264.0	278.2	315.5	367.7	436.6	522.4	622.7	671.3	714.5	757.8
-27.5°	234.4	240.0	262.6	294.1	336.3	394.7	471.2	559.2	641.0	692.2	729.5
-30°	210.3	225.9	245.9	272.8	310.3	359.4	420.9	505.6	604.5	662.8	704.5
-32.5°	192.2	211.6	229.9	253.8	284.8	323.4	380.1	458.7	545.7	631.0	675.8
-35°	177.8	195.9	213.9	233.6	258.8	296.5	349.7	412.1	487.5	571.7	638.7
-37.5°	163.0	179.4	197.0	213.8	236.3	275.0	318.2	373.2	436.1	502.7	575.9
-40°	148.0	162.2	178.6	194.8	220.2	254.6	293.7	336.9	389.0	441.8	499.3
-42.5°	132.6	145.4	159.1	177.0	205.7	236.7	268.7	307.1	344.2	384.9	432.5
-45°	116.8	128.5	139.3	162.4	191.1	219.0	248.9	277.8	306.9	336.2	372.8
-47.5°	101.8	111.8	121.8	146.7	174.6	202.1	229.1	253.0	273.7	298.5	321.5
-50°	88.1	97.0	109.0	132.1	156.7	183.4	209.5	228.3	247.0	265.6	285.5
-52.5°	76.3	83.3	98.0	117.2	139.4	163.0	186.0	204.7	221.2	237.0	254.7
-55°	65.0	72.7	86.8	103.5	122.5	143.6	160.9	178.7	196.5	210.9	226.5
-57.5°	55.1	63.7	76.1	89.7	106.3	124.0	138.7	151.8	167.2	183.3	200.9
-60°	46.1	55.0	66.1	77.6	89.8	105.3	118.2	130.3	141.5	152.8	170.2
-62.5°	37.5	46.4	56.3	66.6	77.1	88.3	101.1	112.0	120.3	130.3	141.9
-65°	30.4	37.9	46.4	55.6	65.0	75.4	86.1	96.9	106.5	111.4	117.1
-67.5°	23.4	30.0	37.0	44.4	52.6	61.2	71.6	81.3	90.6	94.3	97.7
-70°	18.2	22.2	27.9	34.2	40.1	45.2	52.7	61.7	70.8	75.4	78.1
-72.5°	13.2	16.5	20.2	24.1	28.7	32.6	36.3	39.9	45.8	52.3	57.2
-75°	9.6	10.9	13.5	16.6	19.4	21.5	23.5	26.5	30.1	34.2	38.1
-77.5°	7.1	8.2	9.2	10.2	11.4	13.5	15.3	16.8	18.7	21.0	23.3
-80°	5.4	5.5	6.3	7.1	7.8	8.6	9.3	10.0	10.7	11.7	13.2
-82.5°	5.1	4.8	4.7	4.8	5.0	5.3	5.6	6.2	6.6	7.1	7.6
-85°	4.5	4.2	3.6	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4
-87.5°	2.2	2.1	1.9	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
85°	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
82.5°	8.0	8.4	8.8	9.1	9.4	9.7	10.0	10.2	10.4	10.6	10.7
80°	14.7	15.9	16.7	17.4	17.9	19.9	22.3	24.8	27.5	28.5	29.1
77.5°	26.2	28.1	29.4	30.3	30.9	35.2	40.7	46.5	52.4	55.6	58.1
75°	41.8	44.1	45.5	46.6	47.2	53.8	63.6	73.9	84.5	90.0	94.0
72.5°	60.4	62.3	63.8	65.1	65.9	75.7	93.3	112.5	132.8	145.3	154.3
70°	80.5	82.6	84.4	85.9	87.0	98.7	124.3	151.0	178.7	206.4	235.8
67.5°	101.8	106.3	108.8	110.1	111.6	121.5	148.8	173.9	197.1	247.1	325.9
65°	125.0	135.6	140.0	142.5	143.5	148.0	171.3	192.3	211.2	250.2	310.3
62.5°	154.6	168.6	175.0	177.8	179.5	179.8	198.8	216.5	232.6	256.9	295.2
60°	186.4	201.5	209.4	211.6	213.0	213.6	228.8	246.2	262.4	282.2	317.8
57.5°	215.7	229.8	241.5	246.2	249.8	252.5	265.8	286.2	305.4	325.2	363.5
55°	243.5	260.7	277.0	286.0	294.4	301.8	315.0	340.8	365.4	388.6	428.4
52.5°	273.9	295.9	317.6	333.9	349.9	363.9	378.1	411.5	444.4	475.3	514.0
50°	310.2	337.3	369.0	395.7	418.6	441.2	461.5	501.0	545.5	587.8	628.5
47.5°	356.2	392.0	432.5	470.5	501.6	536.6	568.3	609.0	648.4	687.7	721.3
45°	412.6	462.2	508.9	559.4	603.8	626.9	645.3	670.7	711.1	749.7	781.1
42.5°	484.8	542.5	600.1	637.6	666.1	684.9	698.3	711.6	754.0	791.3	821.6
40°	565.2	623.1	658.5	689.3	709.1	725.8	746.8	767.5	800.8	838.9	872.7
37.5°	634.7	672.0	703.1	727.3	751.2	773.5	803.7	833.4	865.1	907.9	939.3
35°	677.7	710.3	742.0	772.3	802.9	837.2	874.9	918.6	957.4	922.2	871.2
32.5°	710.4	743.9	782.2	828.9	871.1	917.8	965.1	889.1	811.1	780.6	786.9
30°	738.9	777.8	830.5	891.5	950.1	929.2	825.2	788.9	799.6	821.0	862.1
27.5°	769.4	818.0	882.0	957.1	911.0	795.9	802.0	823.1	894.4	954.8	1046.6
25°	805.5	864.1	943.6	908.8	803.4	814.3	867.6	948.1	1083.8	1210.5	1321.2
22.5°	848.9	923.6	934.1	803.5	817.8	887.6	995.8	1170.1	1335.0	1488.0	1602.2
20°	893.1	979.2	846.9	819.3	880.5	1005.1	1206.0	1406.0	1590.2	1727.0	1841.3
17.5°	946.0	915.7	822.0	851.4	975.3	1190.3	1416.5	1628.6	1802.2	2038.8	2240.2
15°	992.4	854.4	837.1	934.0	1120.3	1362.3	1608.0	1798.6	2112.2	2451.3	2794.3
12.5°	965.8	832.7	864.0	1007.5	1252.5	1514.0	1731.3	2032.9	2447.9	2943.2	3687.4
10°	926.5	844.9	921.4	1109.2	1365.6	1620.4	1846.2	2241.4	2789.1	3698.8	4870.7
7.5°	896.0	850.2	959.3	1187.3	1449.7	1684.6	1985.6	2464.9	3228.3	4476.3	6971.3
5°	873.0	850.0	976.7	1232.5	1499.7	1729.0	2071.6	2627.4	3658.7	5436.7	9700.3
2.5°	862.8	845.5	981.6	1256.8	1524.0	1753.7	2125.1	2744.2	3930.4	6329.0	12755.5
0°	869.6	836.6	979.7	1265.9	1538.4	1750.3	2132.8	2779.5	4012.4	6658.4	13165.4
-2.5°	862.8	845.5	981.6	1256.8	1524.0	1753.7	2125.1	2744.2	3930.4	6329.0	12755.5
-5°	873.0	850.0	976.7	1232.5	1499.7	1729.0	2071.6	2627.4	3658.7	5436.7	9700.3
-7.5°	896.0	850.2	959.3	1187.3	1449.7	1684.6	1985.6	2464.9	3228.3	4476.3	6971.3
-10°	926.5	844.9	921.4	1109.2	1365.6	1620.4	1846.2	2241.4	2789.1	3698.8	4870.7
-12.5°	965.8	832.7	864.0	1007.5	1252.5	1514.0	1731.3	2032.9	2447.9	2943.2	3687.4
-15°	992.4	854.4	837.1	934.0	1120.3	1362.3	1608.0	1798.6	2112.2	2451.3	2794.3
-17.5°	946.0	915.7	822.0	851.4	975.3	1190.3	1416.5	1628.6	1802.2	2038.8	2240.2
-20°	893.1	979.2	846.9	819.3	880.5	1005.1	1206.0	1406.0	1590.2	1727.0	1841.3



REPORT NUMBER: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	848.9	923.6	934.1	803.5	817.8	887.6	995.8	1170.1	1335.0	1488.0	1602.2
-25°	805.5	864.1	943.6	908.8	803.4	814.3	867.6	948.1	1083.8	1210.5	1321.2
-27.5°	769.4	818.0	882.0	957.1	911.0	795.9	802.0	823.1	894.4	954.8	1046.6
-30°	738.9	777.8	830.5	891.5	950.1	929.2	825.2	788.9	799.6	821.0	862.1
-32.5°	710.4	743.9	782.2	828.9	871.1	917.8	965.1	889.1	811.1	780.6	786.9
-35°	677.7	710.3	742.0	772.3	802.9	837.2	874.9	918.6	957.4	922.2	871.2
-37.5°	634.7	672.0	703.1	727.3	751.2	773.5	803.7	833.4	865.1	907.9	939.3
-40°	565.2	623.1	658.5	689.3	709.1	725.8	746.8	767.5	800.8	838.9	872.7
-42.5°	484.8	542.5	600.1	637.6	666.1	684.9	698.3	711.6	754.0	791.3	821.6
-45°	412.6	462.2	508.9	559.4	603.8	626.9	645.3	670.7	711.1	749.7	781.1
-47.5°	356.2	392.0	432.5	470.5	501.6	536.6	568.3	609.0	648.4	687.7	721.3
-50°	310.2	337.3	369.0	395.7	418.6	441.2	461.5	501.0	545.5	587.8	628.5
-52.5°	273.9	295.9	317.6	333.9	349.9	363.9	378.1	411.5	444.4	475.3	514.0
-55°	243.5	260.7	277.0	286.0	294.4	301.8	315.0	340.8	365.4	388.6	428.4
-57.5°	215.7	229.8	241.5	246.2	249.8	252.5	265.8	286.2	305.4	325.2	363.5
-60°	186.4	201.5	209.4	211.6	213.0	213.6	228.8	246.2	262.4	282.2	317.8
-62.5°	154.6	168.6	175.0	177.8	179.5	179.8	198.8	216.5	232.6	256.9	295.2
-65°	125.0	135.6	140.0	142.5	143.5	148.0	171.3	192.3	211.2	250.2	310.3
-67.5°	101.8	106.3	108.8	110.1	111.6	121.5	148.8	173.9	197.1	247.1	325.9
-70°	80.5	82.6	84.4	85.9	87.0	98.7	124.3	151.0	178.7	206.4	235.8
-72.5°	60.4	62.3	63.8	65.1	65.9	75.7	93.3	112.5	132.8	145.3	154.3
-75°	41.8	44.1	45.5	46.6	47.2	53.8	63.6	73.9	84.5	90.0	94.0
-77.5°	26.2	28.1	29.4	30.3	30.9	35.2	40.7	46.5	52.4	55.6	58.1
-80°	14.7	15.9	16.7	17.4	17.9	19.9	22.3	24.8	27.5	28.5	29.1
-82.5°	8.0	8.4	8.8	9.1	9.4	9.7	10.0	10.2	10.4	10.6	10.7
-85°	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
-87.5°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-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: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
82.5°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.7	10.6	10.4	10.2
80°	29.6	30.0	28.9	27.5	28.9	30.0	29.6	29.1	28.5	27.5	24.8
77.5°	60.5	62.6	60.5	57.8	60.5	62.6	60.5	58.1	55.6	52.4	46.5
75°	97.6	100.8	98.9	96.3	98.9	100.8	97.6	94.0	90.0	84.5	73.9
72.5°	162.9	170.9	169.0	165.1	169.0	170.9	162.9	154.3	145.3	132.8	112.5
70°	266.7	298.1	296.8	289.0	296.8	298.1	266.7	235.8	206.4	178.7	151.0
67.5°	411.2	499.9	528.1	542.1	528.1	499.9	411.2	325.9	247.1	197.1	173.9
65°	366.3	419.8	441.1	456.8	441.1	419.8	366.3	310.3	250.2	211.2	192.3
62.5°	329.4	361.2	368.0	368.8	368.0	361.2	329.4	295.2	256.9	232.6	216.5
60°	352.5	386.3	391.3	385.3	391.3	386.3	352.5	317.8	282.2	262.4	246.2
57.5°	400.4	435.8	442.3	434.8	442.3	435.8	400.4	363.5	325.2	305.4	286.2
55°	466.6	502.3	514.2	511.9	514.2	502.3	466.6	428.4	388.6	365.4	340.8
52.5°	551.0	583.9	597.5	597.2	597.5	583.9	551.0	514.0	475.3	444.4	411.5
50°	663.9	693.3	708.0	710.0	708.0	693.3	663.9	628.5	587.8	545.5	501.0
47.5°	745.3	764.7	774.8	776.1	774.8	764.7	745.3	721.3	687.7	648.4	609.0
45°	795.1	805.5	813.4	820.1	813.4	805.5	795.1	781.1	749.7	711.1	670.7
42.5°	842.0	863.7	879.7	883.4	879.7	863.7	842.0	821.6	791.3	754.0	711.6
40°	904.8	934.8	963.5	993.5	963.5	934.8	904.8	872.7	838.9	800.8	767.5
37.5°	972.0	1005.3	1033.0	1048.5	1033.0	1005.3	972.0	939.3	907.9	865.1	833.4
35°	835.3	813.5	800.5	795.3	800.5	813.5	835.3	871.2	922.2	957.4	918.6
32.5°	790.6	792.1	789.5	784.3	789.5	792.1	790.6	786.9	780.6	811.1	889.1
30°	892.7	907.2	909.0	908.2	909.0	907.2	892.7	862.1	821.0	799.6	788.9
27.5°	1114.5	1151.6	1163.1	1186.1	1163.1	1151.6	1114.5	1046.6	954.8	894.4	823.1
25°	1406.8	1463.0	1489.9	1499.8	1489.9	1463.0	1406.8	1321.2	1210.5	1083.8	948.1
22.5°	1666.7	1709.6	1734.7	1755.8	1734.7	1709.6	1666.7	1602.2	1488.0	1335.0	1170.1
20°	1974.7	2052.9	2088.8	2091.5	2088.8	2052.9	1974.7	1841.3	1727.0	1590.2	1406.0
17.5°	2455.5	2607.8	2683.8	2705.2	2683.8	2607.8	2455.5	2240.2	2038.8	1802.2	1628.6
15°	3214.1	3602.5	3802.4	3896.8	3802.4	3602.5	3214.1	2794.3	2451.3	2112.2	1798.6
12.5°	4451.5	5327.3	6035.5	6302.0	6035.5	5327.3	4451.5	3687.4	2943.2	2447.9	2032.9
10°	6903.3	9518.6	12573.9	13999.3	12573.9	9518.6	6903.3	4870.7	3698.8	2789.1	2241.4
7.5°	13355.1	31008.0	60098.8	73975.8	60098.8	31008.0	13355.1	6971.3	4476.3	3228.3	2464.9
5°	28466.8	122853.5	220015.2	258426.6	220015.2	122853.5	28466.8	9700.3	5436.7	3658.7	2627.4
2.5°	45341.4	201495.7	380190.0	444553.5	380190.0	201495.7	45341.4	12755.5	6329.0	3930.4	2744.2
0°	54173.9	212339.4	419531.2	483752.6	419531.2	212339.4	54173.9	13165.4	6658.4	4012.4	2779.5
-2.5°	45341.4	201495.7	380190.0	444553.5	380190.0	201495.7	45341.4	12755.5	6329.0	3930.4	2744.2
-5°	28466.8	122853.5	220015.2	258426.6	220015.2	122853.5	28466.8	9700.3	5436.7	3658.7	2627.4
-7.5°	13355.1	31008.0	60098.8	73975.8	60098.8	31008.0	13355.1	6971.3	4476.3	3228.3	2464.9
-10°	6903.3	9518.6	12573.9	13999.3	12573.9	9518.6	6903.3	4870.7	3698.8	2789.1	2241.4
-12.5°	4451.5	5327.3	6035.5	6302.0	6035.5	5327.3	4451.5	3687.4	2943.2	2447.9	2032.9
-15°	3214.1	3602.5	3802.4	3896.8	3802.4	3602.5	3214.1	2794.3	2451.3	2112.2	1798.6
-17.5°	2455.5	2607.8	2683.8	2705.2	2683.8	2607.8	2455.5	2240.2	2038.8	1802.2	1628.6
-20°	1974.7	2052.9	2088.8	2091.5	2088.8	2052.9	1974.7	1841.3	1727.0	1590.2	1406.0



REPORT NUMBER: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	1666.7	1709.6	1734.7	1755.8	1734.7	1709.6	1666.7	1602.2	1488.0	1335.0	1170.1
-25°	1406.8	1463.0	1489.9	1499.8	1489.9	1463.0	1406.8	1321.2	1210.5	1083.8	948.1
-27.5°	1114.5	1151.6	1163.1	1186.1	1163.1	1151.6	1114.5	1046.6	954.8	894.4	823.1
-30°	892.7	907.2	909.0	908.2	909.0	907.2	892.7	862.1	821.0	799.6	788.9
-32.5°	790.6	792.1	789.5	784.3	789.5	792.1	790.6	786.9	780.6	811.1	889.1
-35°	835.3	813.5	800.5	795.3	800.5	813.5	835.3	871.2	922.2	957.4	918.6
-37.5°	972.0	1005.3	1033.0	1048.5	1033.0	1005.3	972.0	939.3	907.9	865.1	833.4
-40°	904.8	934.8	963.5	993.5	963.5	934.8	904.8	872.7	838.9	800.8	767.5
-42.5°	842.0	863.7	879.7	883.4	879.7	863.7	842.0	821.6	791.3	754.0	711.6
-45°	795.1	805.5	813.4	820.1	813.4	805.5	795.1	781.1	749.7	711.1	670.7
-47.5°	745.3	764.7	774.8	776.1	774.8	764.7	745.3	721.3	687.7	648.4	609.0
-50°	663.9	693.3	708.0	710.0	708.0	693.3	663.9	628.5	587.8	545.5	501.0
-52.5°	551.0	583.9	597.5	597.2	597.5	583.9	551.0	514.0	475.3	444.4	411.5
-55°	466.6	502.3	514.2	511.9	514.2	502.3	466.6	428.4	388.6	365.4	340.8
-57.5°	400.4	435.8	442.3	434.8	442.3	435.8	400.4	363.5	325.2	305.4	286.2
-60°	352.5	386.3	391.3	385.3	391.3	386.3	352.5	317.8	282.2	262.4	246.2
-62.5°	329.4	361.2	368.0	368.8	368.0	361.2	329.4	295.2	256.9	232.6	216.5
-65°	366.3	419.8	441.1	456.8	441.1	419.8	366.3	310.3	250.2	211.2	192.3
-67.5°	411.2	499.9	528.1	542.1	528.1	499.9	411.2	325.9	247.1	197.1	173.9
-70°	266.7	298.1	296.8	289.0	296.8	298.1	266.7	235.8	206.4	178.7	151.0
-72.5°	162.9	170.9	169.0	165.1	169.0	170.9	162.9	154.3	145.3	132.8	112.5
-75°	97.6	100.8	98.9	96.3	98.9	100.8	97.6	94.0	90.0	84.5	73.9
-77.5°	60.5	62.6	60.5	57.8	60.5	62.6	60.5	58.1	55.6	52.4	46.5
-80°	29.6	30.0	28.9	27.5	28.9	30.0	29.6	29.1	28.5	27.5	24.8
-82.5°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.7	10.6	10.4	10.2
-85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
-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: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
85°	5.2	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9
82.5°	10.0	9.7	9.4	9.1	8.8	8.4	8.0	7.6	7.1	6.6	6.2
80°	22.3	19.9	17.9	17.4	16.7	15.9	14.7	13.2	11.7	10.7	10.0
77.5°	40.7	35.2	30.9	30.3	29.4	28.1	26.2	23.3	21.0	18.7	16.8
75°	63.6	53.8	47.2	46.6	45.5	44.1	41.8	38.1	34.2	30.1	26.5
72.5°	93.3	75.7	65.9	65.1	63.8	62.3	60.4	57.2	52.3	45.8	39.9
70°	124.3	98.7	87.0	85.9	84.4	82.6	80.5	78.1	75.4	70.8	61.7
67.5°	148.8	121.5	111.6	110.1	108.8	106.3	101.8	97.7	94.3	90.6	81.3
65°	171.3	148.0	143.5	142.5	140.0	135.6	125.0	117.1	111.4	106.5	96.9
62.5°	198.8	179.8	179.5	177.8	175.0	168.6	154.6	141.9	130.3	120.3	112.0
60°	228.8	213.6	213.0	211.6	209.4	201.5	186.4	170.2	152.8	141.5	130.3
57.5°	265.8	252.5	249.8	246.2	241.5	229.8	215.7	200.9	183.3	167.2	151.8
55°	315.0	301.8	294.4	286.0	277.0	260.7	243.5	226.5	210.9	196.5	178.7
52.5°	378.1	363.9	349.9	333.9	317.6	295.9	273.9	254.7	237.0	221.2	204.7
50°	461.5	441.2	418.6	395.7	369.0	337.3	310.2	285.5	265.6	247.0	228.3
47.5°	568.3	536.6	501.6	470.5	432.5	392.0	356.2	321.5	298.5	273.7	253.0
45°	645.3	626.9	603.8	559.4	508.9	462.2	412.6	372.8	336.2	306.9	277.8
42.5°	698.3	684.9	666.1	637.6	600.1	542.5	484.8	432.5	384.9	344.2	307.1
40°	746.8	725.8	709.1	689.3	658.5	623.1	565.2	499.3	441.8	389.0	336.9
37.5°	803.7	773.5	751.2	727.3	703.1	672.0	634.7	575.9	502.7	436.1	373.2
35°	874.9	837.2	802.9	772.3	742.0	710.3	677.7	638.7	571.7	487.5	412.1
32.5°	965.1	917.8	871.1	828.9	782.2	743.9	710.4	675.8	631.0	545.7	458.7
30°	825.2	929.2	950.1	891.5	830.5	777.8	738.9	704.5	662.8	604.5	505.6
27.5°	802.0	795.9	911.0	957.1	882.0	818.0	769.4	729.5	692.2	641.0	559.2
25°	867.6	814.3	803.4	908.8	943.6	864.1	805.5	757.8	714.5	671.3	622.7
22.5°	995.8	887.6	817.8	803.5	934.1	923.6	848.9	787.5	740.6	713.0	666.7
20°	1206.0	1005.1	880.5	819.3	846.9	979.2	893.1	827.9	784.7	751.6	707.5
17.5°	1416.5	1190.3	975.3	851.4	822.0	915.7	946.0	876.6	823.1	791.1	748.1
15°	1608.0	1362.3	1120.3	934.0	837.1	854.4	992.4	921.7	859.2	827.7	781.4
12.5°	1731.3	1514.0	1252.5	1007.5	864.0	832.7	965.8	961.8	897.2	849.2	803.0
10°	1846.2	1620.4	1365.6	1109.2	921.4	844.9	926.5	994.9	927.6	866.5	820.3
7.5°	1985.6	1684.6	1449.7	1187.3	959.3	850.2	896.0	1024.9	955.4	883.9	833.8
5°	2071.6	1729.0	1499.7	1232.5	976.7	850.0	873.0	1051.7	980.1	900.7	844.0
2.5°	2125.1	1753.7	1524.0	1256.8	981.6	845.5	862.8	1076.3	1004.4	910.4	846.7
0°	2132.8	1750.3	1538.4	1265.9	979.7	836.6	869.6	1098.0	1026.5	916.4	847.6
-2.5°	2125.1	1753.7	1524.0	1256.8	981.6	845.5	862.8	1076.3	1004.4	910.4	846.7
-5°	2071.6	1729.0	1499.7	1232.5	976.7	850.0	873.0	1051.7	980.1	900.7	844.0
-7.5°	1985.6	1684.6	1449.7	1187.3	959.3	850.2	896.0	1024.9	955.4	883.9	833.8
-10°	1846.2	1620.4	1365.6	1109.2	921.4	844.9	926.5	994.9	927.6	866.5	820.3
-12.5°	1731.3	1514.0	1252.5	1007.5	864.0	832.7	965.8	961.8	897.2	849.2	803.0
-15°	1608.0	1362.3	1120.3	934.0	837.1	854.4	992.4	921.7	859.2	827.7	781.4
-17.5°	1416.5	1190.3	975.3	851.4	822.0	915.7	946.0	876.6	823.1	791.1	748.1
-20°	1206.0	1005.1	880.5	819.3	846.9	979.2	893.1	827.9	784.7	751.6	707.5





REPORT NUMBER: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	995.8	887.6	817.8	803.5	934.1	923.6	848.9	787.5	740.6	713.0	666.7
-25°	867.6	814.3	803.4	908.8	943.6	864.1	805.5	757.8	714.5	671.3	622.7
-27.5°	802.0	795.9	911.0	957.1	882.0	818.0	769.4	729.5	692.2	641.0	559.2
-30°	825.2	929.2	950.1	891.5	830.5	777.8	738.9	704.5	662.8	604.5	505.6
-32.5°	965.1	917.8	871.1	828.9	782.2	743.9	710.4	675.8	631.0	545.7	458.7
-35°	874.9	837.2	802.9	772.3	742.0	710.3	677.7	638.7	571.7	487.5	412.1
-37.5°	803.7	773.5	751.2	727.3	703.1	672.0	634.7	575.9	502.7	436.1	373.2
-40°	746.8	725.8	709.1	689.3	658.5	623.1	565.2	499.3	441.8	389.0	336.9
-42.5°	698.3	684.9	666.1	637.6	600.1	542.5	484.8	432.5	384.9	344.2	307.1
-45°	645.3	626.9	603.8	559.4	508.9	462.2	412.6	372.8	336.2	306.9	277.8
-47.5°	568.3	536.6	501.6	470.5	432.5	392.0	356.2	321.5	298.5	273.7	253.0
-50°	461.5	441.2	418.6	395.7	369.0	337.3	310.2	285.5	265.6	247.0	228.3
-52.5°	378.1	363.9	349.9	333.9	317.6	295.9	273.9	254.7	237.0	221.2	204.7
-55°	315.0	301.8	294.4	286.0	277.0	260.7	243.5	226.5	210.9	196.5	178.7
-57.5°	265.8	252.5	249.8	246.2	241.5	229.8	215.7	200.9	183.3	167.2	151.8
-60°	228.8	213.6	213.0	211.6	209.4	201.5	186.4	170.2	152.8	141.5	130.3
-62.5°	198.8	179.8	179.5	177.8	175.0	168.6	154.6	141.9	130.3	120.3	112.0
-65°	171.3	148.0	143.5	142.5	140.0	135.6	125.0	117.1	111.4	106.5	96.9
-67.5°	148.8	121.5	111.6	110.1	108.8	106.3	101.8	97.7	94.3	90.6	81.3
-70°	124.3	98.7	87.0	85.9	84.4	82.6	80.5	78.1	75.4	70.8	61.7
-72.5°	93.3	75.7	65.9	65.1	63.8	62.3	60.4	57.2	52.3	45.8	39.9
-75°	63.6	53.8	47.2	46.6	45.5	44.1	41.8	38.1	34.2	30.1	26.5
-77.5°	40.7	35.2	30.9	30.3	29.4	28.1	26.2	23.3	21.0	18.7	16.8
-80°	22.3	19.9	17.9	17.4	16.7	15.9	14.7	13.2	11.7	10.7	10.0
-82.5°	10.0	9.7	9.4	9.1	8.8	8.4	8.0	7.6	7.1	6.6	6.2
-85°	5.2	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9
-87.5°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	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: P559209 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	1.9	1.8	1.7	1.6	1.9	2.1	2.2	2.3	2.1	1.9	1.7
85°	3.7	3.6	3.4	3.2	3.6	4.2	4.5	4.6	4.2	3.8	3.3
82.5°	5.6	5.3	5.0	4.8	4.7	4.8	5.1	5.5	5.5	5.5	4.9
80°	9.3	8.6	7.8	7.1	6.3	5.5	5.4	5.5	5.5	5.5	5.5
77.5°	15.3	13.5	11.4	10.2	9.2	8.2	7.1	6.1	5.5	5.5	5.5
75°	23.5	21.5	19.4	16.6	13.5	10.9	9.6	8.4	7.3	5.7	5.5
72.5°	36.3	32.6	28.7	24.1	20.2	16.5	13.2	10.8	9.7	8.1	6.1
70°	52.7	45.2	40.1	34.2	27.9	22.2	18.2	15.1	12.1	10.5	8.3
67.5°	71.6	61.2	52.6	44.4	37.0	30.0	23.4	19.8	16.6	12.9	10.6
65°	86.1	75.4	65.0	55.6	46.4	37.9	30.4	25.2	21.1	17.0	12.9
62.5°	101.1	88.3	77.1	66.6	56.3	46.4	37.5	32.4	26.0	21.2	16.2
60°	118.2	105.3	89.8	77.6	66.1	55.0	46.1	39.6	32.9	25.3	20.0
57.5°	138.7	124.0	106.3	89.7	76.1	63.7	55.1	47.9	39.8	31.3	23.8
55°	160.9	143.6	122.5	103.5	86.8	72.7	65.0	56.9	47.1	37.7	27.8
52.5°	186.0	163.0	139.4	117.2	98.0	83.3	76.3	66.0	55.7	44.2	34.0
50°	209.5	183.4	156.7	132.1	109.0	97.0	88.1	77.1	64.3	51.0	40.6
47.5°	229.1	202.1	174.6	146.7	121.8	111.8	101.8	88.7	73.1	59.0	47.5
45°	248.9	219.0	191.1	162.4	139.3	128.5	116.8	100.7	84.0	68.4	54.5
42.5°	268.7	236.7	205.7	177.0	159.1	145.4	132.6	114.9	95.2	78.3	62.6
40°	293.7	254.6	220.2	194.8	178.6	162.2	148.0	129.9	106.9	89.1	71.5
37.5°	318.2	275.0	236.3	213.8	197.0	179.4	163.0	145.5	121.7	101.4	80.5
35°	349.7	296.5	258.8	233.6	213.9	195.9	177.8	160.5	138.7	113.8	89.7
32.5°	380.1	323.4	284.8	253.8	229.9	211.6	192.2	179.4	156.4	126.4	99.1
30°	420.9	359.4	310.3	272.8	245.9	225.9	210.3	200.7	174.7	139.1	108.7
27.5°	471.2	394.7	336.3	294.1	262.6	240.0	234.4	224.2	193.5	152.8	119.1
25°	522.4	436.6	367.7	315.5	278.2	264.0	258.1	249.5	213.0	168.2	129.4
22.5°	578.9	479.1	398.0	335.7	304.9	287.0	280.8	271.0	233.7	183.6	139.5
20°	633.7	519.4	429.1	369.4	333.7	311.6	302.1	292.1	255.2	199.0	149.4
17.5°	683.6	564.7	472.8	406.2	362.9	335.8	322.7	312.8	277.2	214.0	158.9
15°	716.8	613.1	513.6	440.7	390.9	359.4	342.6	333.2	299.6	228.8	165.8
12.5°	745.1	655.5	550.4	472.7	417.7	382.3	361.9	353.1	321.9	238.3	169.3
10°	768.6	691.9	583.3	502.4	443.2	404.5	380.6	367.2	330.4	243.1	172.5
7.5°	788.0	722.8	612.4	529.8	464.1	415.7	383.4	369.7	335.6	246.7	175.1
5°	801.6	741.0	626.3	536.9	465.7	414.8	383.5	371.8	339.1	249.1	177.2
2.5°	803.6	742.8	629.8	539.2	466.1	412.8	383.1	373.3	341.0	250.3	178.4
0°	803.6	740.3	630.2	539.4	465.1	410.0	382.5	374.3	341.2	250.4	178.9
-2.5°	803.6	742.8	629.8	539.2	466.1	412.8	383.1	373.3	341.0	250.3	178.4
-5°	801.6	741.0	626.3	536.9	465.7	414.8	383.5	371.8	339.1	249.1	177.2
-7.5°	788.0	722.8	612.4	529.8	464.1	415.7	383.4	369.7	335.6	246.7	175.1
-10°	768.6	691.9	583.3	502.4	443.2	404.5	380.6	367.2	330.4	243.1	172.5
-12.5°	745.1	655.5	550.4	472.7	417.7	382.3	361.9	353.1	321.9	238.3	169.3
-15°	716.8	613.1	513.6	440.7	390.9	359.4	342.6	333.2	299.6	228.8	165.8
-17.5°	683.6	564.7	472.8	406.2	362.9	335.8	322.7	312.8	277.2	214.0	158.9
-20°	633.7	519.4	429.1	369.4	333.7	311.6	302.1	292.1	255.2	199.0	149.4



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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°	578.9	479.1	398.0	335.7	304.9	287.0	280.8	271.0	233.7	183.6	139.5
-25°	522.4	436.6	367.7	315.5	278.2	264.0	258.1	249.5	213.0	168.2	129.4
-27.5°	471.2	394.7	336.3	294.1	262.6	240.0	234.4	224.2	193.5	152.8	119.1
-30°	420.9	359.4	310.3	272.8	245.9	225.9	210.3	200.7	174.7	139.1	108.7
-32.5°	380.1	323.4	284.8	253.8	229.9	211.6	192.2	179.4	156.4	126.4	99.1
-35°	349.7	296.5	258.8	233.6	213.9	195.9	177.8	160.5	138.7	113.8	89.7
-37.5°	318.2	275.0	236.3	213.8	197.0	179.4	163.0	145.5	121.7	101.4	80.5
-40°	293.7	254.6	220.2	194.8	178.6	162.2	148.0	129.9	106.9	89.1	71.5
-42.5°	268.7	236.7	205.7	177.0	159.1	145.4	132.6	114.9	95.2	78.3	62.6
-45°	248.9	219.0	191.1	162.4	139.3	128.5	116.8	100.7	84.0	68.4	54.5
-47.5°	229.1	202.1	174.6	146.7	121.8	111.8	101.8	88.7	73.1	59.0	47.5
-50°	209.5	183.4	156.7	132.1	109.0	97.0	88.1	77.1	64.3	51.0	40.6
-52.5°	186.0	163.0	139.4	117.2	98.0	83.3	76.3	66.0	55.7	44.2	34.0
-55°	160.9	143.6	122.5	103.5	86.8	72.7	65.0	56.9	47.1	37.7	27.8
-57.5°	138.7	124.0	106.3	89.7	76.1	63.7	55.1	47.9	39.8	31.3	23.8
-60°	118.2	105.3	89.8	77.6	66.1	55.0	46.1	39.6	32.9	25.3	20.0
-62.5°	101.1	88.3	77.1	66.6	56.3	46.4	37.5	32.4	26.0	21.2	16.2
-65°	86.1	75.4	65.0	55.6	46.4	37.9	30.4	25.2	21.1	17.0	12.9
-67.5°	71.6	61.2	52.6	44.4	37.0	30.0	23.4	19.8	16.6	12.9	10.6
-70°	52.7	45.2	40.1	34.2	27.9	22.2	18.2	15.1	12.1	10.5	8.3
-72.5°	36.3	32.6	28.7	24.1	20.2	16.5	13.2	10.8	9.7	8.1	6.1
-75°	23.5	21.5	19.4	16.6	13.5	10.9	9.6	8.4	7.3	5.7	5.5
-77.5°	15.3	13.5	11.4	10.2	9.2	8.2	7.1	6.1	5.5	5.5	5.5
-80°	9.3	8.6	7.8	7.1	6.3	5.5	5.4	5.5	5.5	5.5	5.5
-82.5°	5.6	5.3	5.0	4.8	4.7	4.8	5.1	5.5	5.5	5.5	4.9
-85°	3.7	3.6	3.4	3.2	3.6	4.2	4.5	4.6	4.2	3.8	3.3
-87.5°	1.9	1.8	1.7	1.6	1.9	2.1	2.2	2.3	2.1	1.9	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



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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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
80°	5.5	4.7	3.8	2.9	1.9	1.0	0.0
77.5°	5.5	5.5	4.7	3.6	2.4	1.2	0.0
75°	5.5	5.5	5.5	4.3	2.8	1.4	0.0
72.5°	5.5	5.5	5.5	4.9	3.3	1.7	0.0
70°	5.8	5.5	5.5	5.5	3.8	1.9	0.0
67.5°	7.9	5.5	5.5	5.5	4.2	2.1	0.0
65°	9.9	6.4	5.5	5.5	4.6	2.3	0.0
62.5°	12.0	8.3	5.5	5.5	5.1	2.5	0.0
60°	14.1	10.1	5.5	5.5	5.5	2.7	0.0
57.5°	17.6	11.9	6.9	5.5	5.5	3.0	0.0
55°	21.4	13.7	8.4	5.5	5.6	3.2	0.0
52.5°	25.3	15.7	9.9	5.5	5.6	3.3	0.0
50°	29.2	19.2	11.3	5.5	5.7	3.5	0.0
47.5°	33.6	22.6	12.7	5.8	5.8	3.7	0.0
45°	39.7	26.1	14.1	6.8	5.8	3.9	0.0
42.5°	46.0	29.6	15.4	7.8	5.9	4.1	0.0
40°	52.3	33.1	17.4	8.8	6.0	4.2	0.0
37.5°	58.7	36.6	20.1	9.7	6.1	4.4	0.0
35°	65.1	41.2	22.8	10.5	6.3	4.5	0.0
32.5°	71.9	46.2	25.4	11.3	6.4	4.6	0.0
30°	79.4	51.1	27.9	11.9	6.5	4.8	0.0
27.5°	86.8	56.0	29.5	12.5	6.7	4.9	0.0
25°	94.1	60.7	30.8	13.0	6.8	5.0	0.0
22.5°	101.3	64.5	31.8	13.4	7.0	5.1	0.0
20°	108.3	65.8	32.5	13.7	7.1	5.2	0.0
17.5°	112.0	66.6	33.0	13.9	7.3	5.2	0.0
15°	113.3	67.0	33.2	14.1	7.4	5.3	0.0
12.5°	114.1	66.9	33.2	14.2	7.6	5.4	0.0
10°	114.4	66.4	33.0	14.2	7.7	5.4	0.0
7.5°	114.2	65.5	32.6	14.2	7.9	5.5	0.0
5°	113.4	64.2	32.0	14.1	8.0	5.5	0.0
2.5°	112.0	62.5	31.2	14.0	8.2	5.5	0.0
0°	110.1	60.5	30.3	13.8	8.3	5.5	0.0
-2.5°	112.0	62.5	31.2	14.0	8.2	5.5	0.0
-5°	113.4	64.2	32.0	14.1	8.0	5.5	0.0
-7.5°	114.2	65.5	32.6	14.2	7.9	5.5	0.0
-10°	114.4	66.4	33.0	14.2	7.7	5.4	0.0
-12.5°	114.1	66.9	33.2	14.2	7.6	5.4	0.0
-15°	113.3	67.0	33.2	14.1	7.4	5.3	0.0
-17.5°	112.0	66.6	33.0	13.9	7.3	5.2	0.0
-20°	108.3	65.8	32.5	13.7	7.1	5.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	101.3	64.5	31.8	13.4	7.0	5.1	0.0
-25°	94.1	60.7	30.8	13.0	6.8	5.0	0.0
-27.5°	86.8	56.0	29.5	12.5	6.7	4.9	0.0
-30°	79.4	51.1	27.9	11.9	6.5	4.8	0.0
-32.5°	71.9	46.2	25.4	11.3	6.4	4.6	0.0
-35°	65.1	41.2	22.8	10.5	6.3	4.5	0.0
-37.5°	58.7	36.6	20.1	9.7	6.1	4.4	0.0
-40°	52.3	33.1	17.4	8.8	6.0	4.2	0.0
-42.5°	46.0	29.6	15.4	7.8	5.9	4.1	0.0
-45°	39.7	26.1	14.1	6.8	5.8	3.9	0.0
-47.5°	33.6	22.6	12.7	5.8	5.8	3.7	0.0
-50°	29.2	19.2	11.3	5.5	5.7	3.5	0.0
-52.5°	25.3	15.7	9.9	5.5	5.6	3.3	0.0
-55°	21.4	13.7	8.4	5.5	5.6	3.2	0.0
-57.5°	17.6	11.9	6.9	5.5	5.5	3.0	0.0
-60°	14.1	10.1	5.5	5.5	5.5	2.7	0.0
-62.5°	12.0	8.3	5.5	5.5	5.1	2.5	0.0
-65°	9.9	6.4	5.5	5.5	4.6	2.3	0.0
-67.5°	7.9	5.5	5.5	5.5	4.2	2.1	0.0
-70°	5.8	5.5	5.5	5.5	3.8	1.9	0.0
-72.5°	5.5	5.5	5.5	4.9	3.3	1.7	0.0
-75°	5.5	5.5	5.5	4.3	2.8	1.4	0.0
-77.5°	5.5	5.5	4.7	3.6	2.4	1.2	0.0
-80°	5.5	4.7	3.8	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.7	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)