

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: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6D-927-U-TS-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (96) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

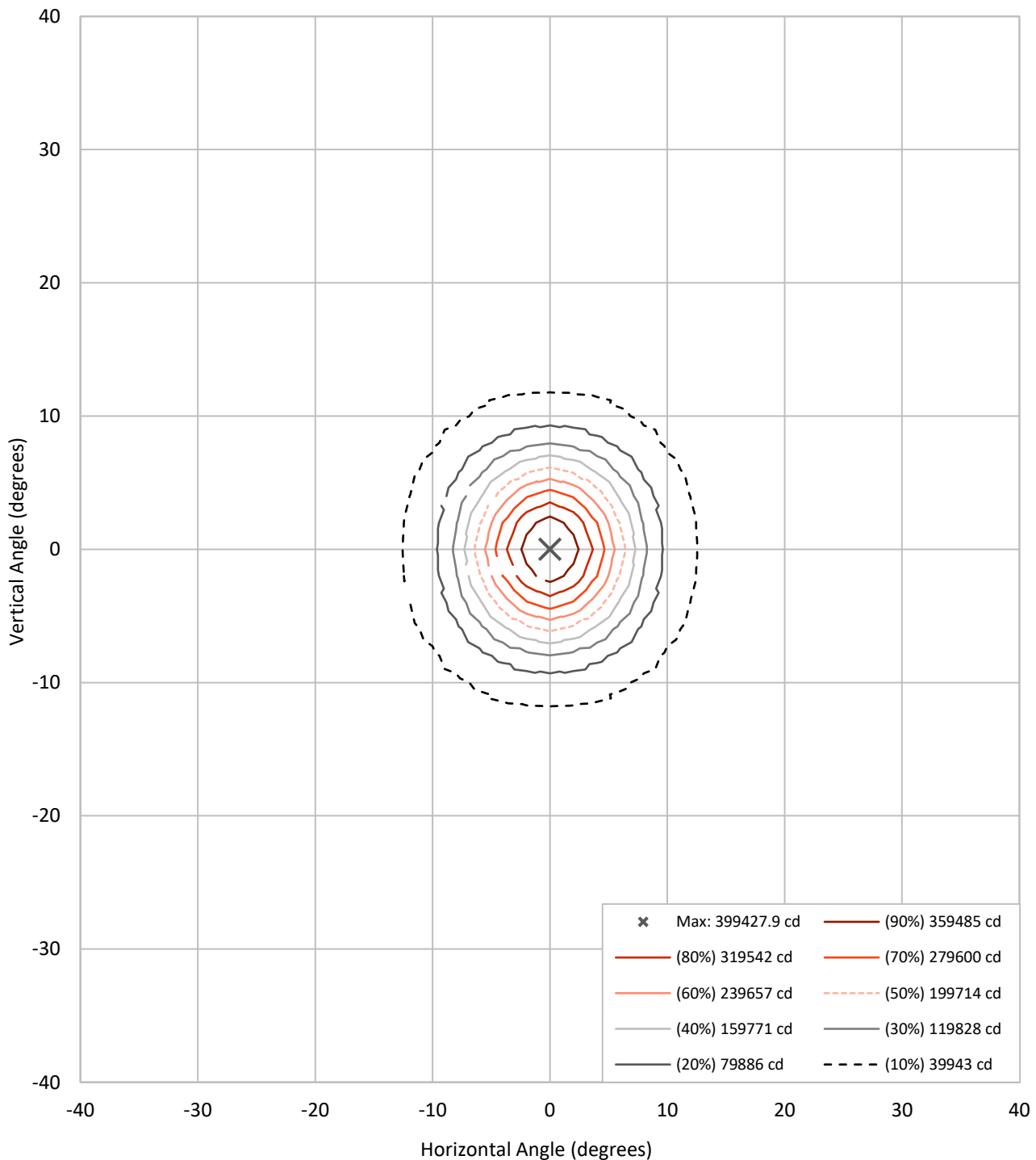
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	28953.2 lumens	Max Intensity:	399427.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	9148.7 lumens	Field Lumens:	20267.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





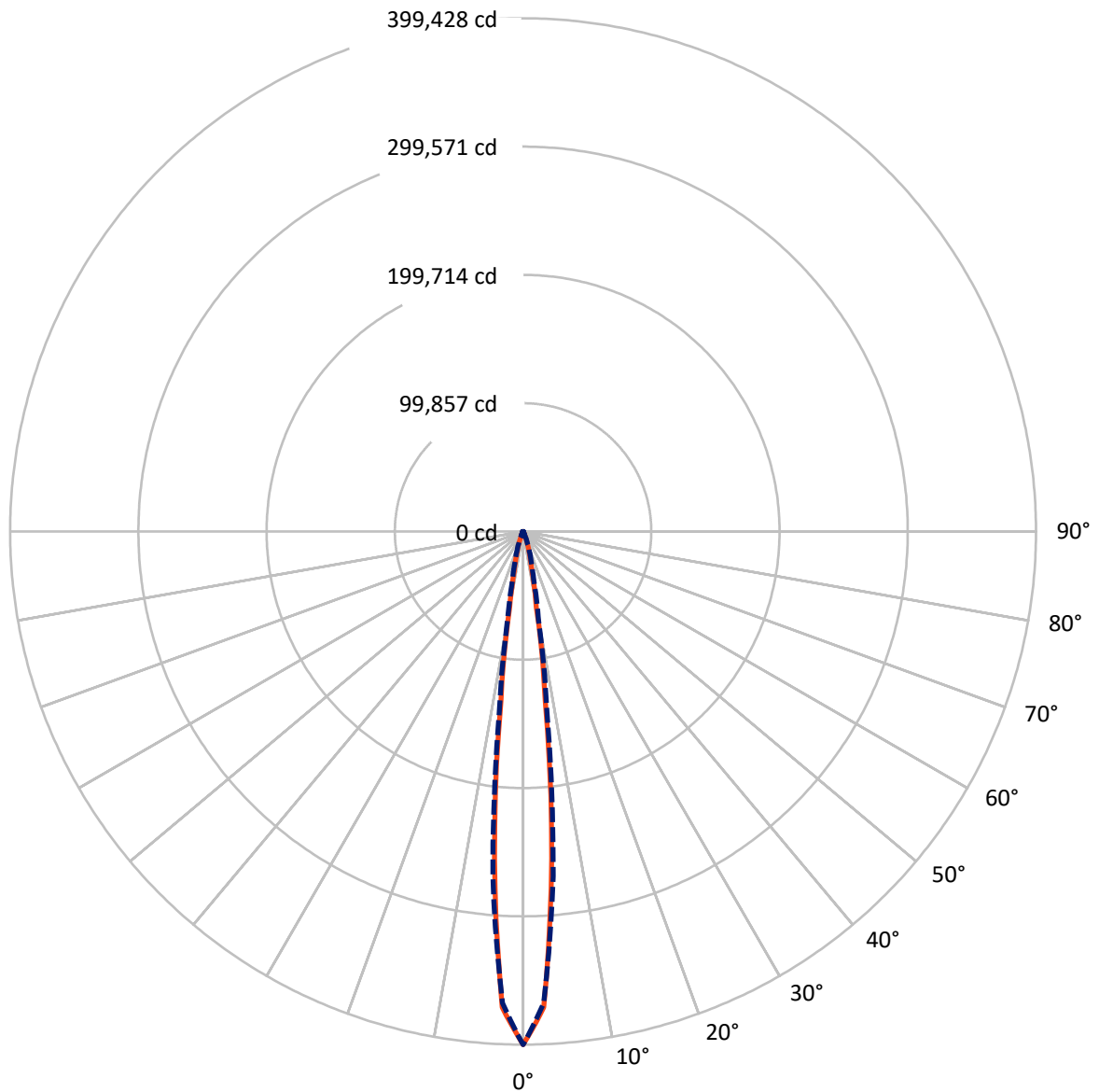
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### Lumen Table

90	0.4	3.3		9.3		15.0		17.3		15.0		9.3		3.3		0.4			
80	0.4	3.3		9.3		15.0		17.3		15.0		9.3		3.3		0.4			
70	1.5	1.8	3.8	6.2	8.5	10.4	11.9	12.6	12.6	11.9	10.4	8.5	6.2	3.8	1.8	1.5			
60		2.7	5.6	8.5	11.0	12.9	14.2	14.7	14.7	14.2	12.9	11.0	8.5	5.6	2.7				
50	2.8	3.6	6.9	9.8	12.3	14.4	16.1	16.9	16.9	16.1	14.4	12.3	9.8	6.9	3.6	2.8			
40		4.3	7.7	10.7	13.7	17.6	22.1	24.9	24.9	22.1	17.6	13.7	10.7	7.7	4.3				
30	3.7	4.8	8.1	11.4	16.1	25.0	55.5	101.0	101.0	55.5	25.0	16.1	11.4	8.1	4.8	3.7			
20		5.1	8.4	12.0	19.1	53.8	303.6	667.9	667.9	303.6	53.8	19.1	12.0	8.4	5.1				
10	4.1	5.2	8.5	12.3	21.2	103.2	728.8	4714.7	4714.7	728.8	103.2	21.2	12.3	8.5	5.2	4.1			
0		5.2	8.5	12.3	21.2	103.2	728.8	4714.7	4714.7	728.8	103.2	21.2	12.3	8.5	5.2				
-10	3.7	5.1	8.4	12.0	19.1	53.8	303.6	667.9	667.9	303.6	53.8	19.1	12.0	8.4	5.1	3.7			
-20		4.8	8.1	11.4	16.1	25.0	55.5	101.0	101.0	55.5	25.0	16.1	11.4	8.1	4.8				
-30	2.8	4.3	7.7	10.7	13.7	17.6	22.1	24.9	24.9	22.1	17.6	13.7	10.7	7.7	4.3	2.8			
-40		3.6	6.9	9.8	12.3	14.4	16.1	16.9	16.9	16.1	14.4	12.3	9.8	6.9	3.6				
-50	1.5	2.7	5.6	8.5	11.0	12.9	14.2	14.7	14.7	14.2	12.9	11.0	8.5	5.6	2.7	1.5			
-60		1.8	3.8	6.2	8.5	10.4	11.9	12.6	12.6	11.9	10.4	8.5	6.2	3.8	1.8				
-70	0.4	3.3		9.3		15.0		17.3		15.0		9.3		3.3		0.4			
-80		3.3		9.3		15.0		17.3		15.0		9.3		3.3					
-90	0.4	3.3		9.3		15.0		17.3		15.0		9.3		3.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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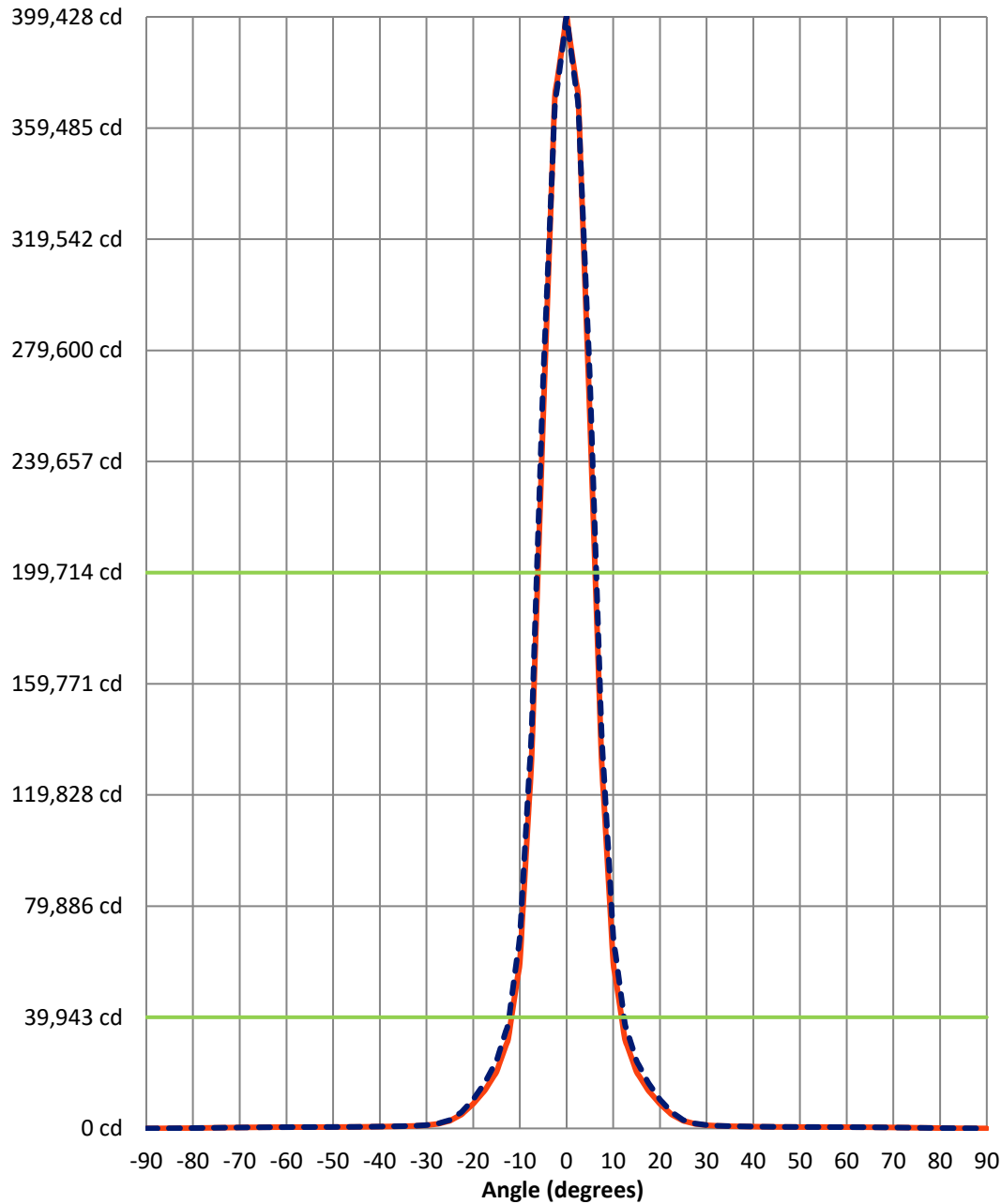
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 9148.7  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 20267.6  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 8685.6  
 Efficiency: 30.0%

— 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	0.9	1.9	2.7	3.5	4.2	4.9	5.7	6.4	7.2	7.9
85°	0.0	1.9	3.7	5.4	7.0	8.4	9.7	11.3	12.8	14.4	15.9
82.5°	0.0	2.8	5.6	8.1	10.5	12.6	14.6	16.9	19.5	23.0	26.6
80°	0.0	3.7	7.5	10.8	14.0	16.8	19.7	24.2	29.0	33.9	39.0
77.5°	0.0	4.7	9.3	13.5	17.4	21.5	26.5	32.3	38.4	44.7	51.5
75°	0.0	5.6	11.1	16.2	21.1	27.2	33.4	40.3	47.9	56.6	64.8
72.5°	0.0	6.5	12.9	18.8	25.6	32.9	40.1	48.8	59.1	68.8	78.1
70°	0.0	7.4	14.7	21.6	30.0	38.5	47.0	58.6	70.1	81.1	96.2
67.5°	0.0	8.2	16.4	24.9	34.5	43.9	55.5	68.3	81.1	97.7	115.0
65°	0.0	9.1	18.2	28.1	38.8	50.1	63.8	77.9	95.2	114.0	133.9
62.5°	0.0	9.9	19.8	31.3	43.0	56.7	71.9	89.0	109.0	130.1	153.3
60°	0.0	10.7	21.5	34.5	47.2	63.3	79.8	100.5	122.3	147.3	172.4
57.5°	0.0	11.5	23.5	37.5	52.2	69.6	89.2	111.6	136.9	164.1	191.7
55°	0.0	12.3	25.4	40.5	57.0	75.7	98.5	122.5	151.4	180.7	210.8
52.5°	0.0	13.1	27.3	43.4	61.7	81.9	107.6	134.8	165.5	197.4	229.4
50°	0.0	13.8	29.2	46.2	66.3	89.3	116.4	146.9	179.4	213.6	247.9
47.5°	0.0	14.5	30.9	49.0	70.6	96.3	125.1	158.5	193.3	229.3	265.9
45°	0.0	15.2	32.6	52.1	74.8	103.1	134.6	169.6	206.8	245.0	283.4
42.5°	0.0	15.8	34.2	55.1	78.8	109.6	143.6	180.6	219.8	260.2	298.3
40°	0.0	16.5	35.8	57.9	83.2	115.9	152.2	191.4	232.3	274.7	312.4
37.5°	0.0	17.1	37.3	60.5	87.9	121.8	160.4	201.7	244.5	287.9	325.7
35°	0.0	17.6	38.7	62.9	92.4	127.9	168.0	211.4	256.0	299.0	337.8
32.5°	0.0	18.1	40.0	65.2	96.5	133.8	175.3	220.5	266.6	309.4	348.1
30°	0.0	18.6	41.2	67.3	100.5	139.4	182.5	229.1	276.5	319.2	357.7
27.5°	0.0	19.1	42.3	69.2	104.0	144.5	189.3	237.1	285.2	328.1	366.6
25°	0.0	19.5	43.3	70.9	107.3	149.2	195.4	244.4	292.5	335.8	374.7
22.5°	0.0	19.9	44.3	72.4	110.3	153.4	201.0	250.9	299.1	342.4	380.9
20°	0.0	20.2	45.1	73.8	113.0	157.3	206.1	256.8	305.0	348.2	386.4
17.5°	0.0	20.5	45.9	74.9	115.5	160.7	210.6	261.9	310.1	353.4	391.4
15°	0.0	20.8	46.6	75.9	117.6	163.7	214.7	266.3	314.6	357.8	395.8
12.5°	0.0	21.0	47.1	76.7	119.4	166.3	218.1	270.0	318.3	361.5	399.5
10°	0.0	21.2	47.6	77.3	121.0	168.4	220.9	272.9	321.2	364.4	402.4
7.5°	0.0	21.3	47.9	77.8	122.1	170.0	223.1	275.0	323.4	366.6	404.4
5°	0.0	21.4	48.2	78.0	123.0	171.2	224.6	276.4	324.8	368.0	405.7
2.5°	0.0	21.5	48.3	78.1	123.5	171.9	225.6	277.1	325.5	368.6	406.2
0°	0.0	21.5	48.4	78.0	123.7	172.1	225.9	277.0	325.4	368.4	406.0
-2.5°	0.0	21.5	48.3	78.1	123.5	171.9	225.6	277.1	325.5	368.6	406.2
-5°	0.0	21.4	48.2	78.0	123.0	171.2	224.6	276.4	324.8	368.0	405.7
-7.5°	0.0	21.3	47.9	77.8	122.1	170.0	223.1	275.0	323.4	366.6	404.4
-10°	0.0	21.2	47.6	77.3	121.0	168.4	220.9	272.9	321.2	364.4	402.4
-12.5°	0.0	21.0	47.1	76.7	119.4	166.3	218.1	270.0	318.3	361.5	399.5
-15°	0.0	20.8	46.6	75.9	117.6	163.7	214.7	266.3	314.6	357.8	395.8
-17.5°	0.0	20.5	45.9	74.9	115.5	160.7	210.6	261.9	310.1	353.4	391.4
-20°	0.0	20.2	45.1	73.8	113.0	157.3	206.1	256.8	305.0	348.2	386.4



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 CATALOG NUMBER: GFLD-SA6D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.9	44.3	72.4	110.3	153.4	201.0	250.9	299.1	342.4	380.9
-25°	0.0	19.5	43.3	70.9	107.3	149.2	195.4	244.4	292.5	335.8	374.7
-27.5°	0.0	19.1	42.3	69.2	104.0	144.5	189.3	237.1	285.2	328.1	366.6
-30°	0.0	18.6	41.2	67.3	100.5	139.4	182.5	229.1	276.5	319.2	357.7
-32.5°	0.0	18.1	40.0	65.2	96.5	133.8	175.3	220.5	266.6	309.4	348.1
-35°	0.0	17.6	38.7	62.9	92.4	127.9	168.0	211.4	256.0	299.0	337.8
-37.5°	0.0	17.1	37.3	60.5	87.9	121.8	160.4	201.7	244.5	287.9	325.7
-40°	0.0	16.5	35.8	57.9	83.2	115.9	152.2	191.4	232.3	274.7	312.4
-42.5°	0.0	15.8	34.2	55.1	78.8	109.6	143.6	180.6	219.8	260.2	298.3
-45°	0.0	15.2	32.6	52.1	74.8	103.1	134.6	169.6	206.8	245.0	283.4
-47.5°	0.0	14.5	30.9	49.0	70.6	96.3	125.1	158.5	193.3	229.3	265.9
-50°	0.0	13.8	29.2	46.2	66.3	89.3	116.4	146.9	179.4	213.6	247.9
-52.5°	0.0	13.1	27.3	43.4	61.7	81.9	107.6	134.8	165.5	197.4	229.4
-55°	0.0	12.3	25.4	40.5	57.0	75.7	98.5	122.5	151.4	180.7	210.8
-57.5°	0.0	11.5	23.5	37.5	52.2	69.6	89.2	111.6	136.9	164.1	191.7
-60°	0.0	10.7	21.5	34.5	47.2	63.3	79.8	100.5	122.3	147.3	172.4
-62.5°	0.0	9.9	19.8	31.3	43.0	56.7	71.9	89.0	109.0	130.1	153.3
-65°	0.0	9.1	18.2	28.1	38.8	50.1	63.8	77.9	95.2	114.0	133.9
-67.5°	0.0	8.2	16.4	24.9	34.5	43.9	55.5	68.3	81.1	97.7	115.0
-70°	0.0	7.4	14.7	21.6	30.0	38.5	47.0	58.6	70.1	81.1	96.2
-72.5°	0.0	6.5	12.9	18.8	25.6	32.9	40.1	48.8	59.1	68.8	78.1
-75°	0.0	5.6	11.1	16.2	21.1	27.2	33.4	40.3	47.9	56.6	64.8
-77.5°	0.0	4.7	9.3	13.5	17.4	21.5	26.5	32.3	38.4	44.7	51.5
-80°	0.0	3.7	7.5	10.8	14.0	16.8	19.7	24.2	29.0	33.9	39.0
-82.5°	0.0	2.8	5.6	8.1	10.5	12.6	14.6	16.9	19.5	23.0	26.6
-85°	0.0	1.9	3.7	5.4	7.0	8.4	9.7	11.3	12.8	14.4	15.9
-87.5°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	5.7	6.4	7.2	7.9
-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):**

	-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°	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	13.9	14.4	14.9
85°	17.3	18.8	20.7	22.3	23.9	25.3	26.6	27.7	29.3	30.9	32.6
82.5°	29.6	32.2	34.4	36.3	38.2	40.0	42.0	45.1	49.2	53.1	56.8
80°	42.7	45.7	49.9	54.7	59.7	64.5	69.2	73.6	78.4	83.7	89.1
77.5°	57.3	63.4	70.1	77.3	84.3	92.3	100.5	108.7	116.2	122.7	128.5
75°	72.6	80.9	92.0	103.2	113.8	124.3	135.0	145.3	154.4	162.8	171.3
72.5°	90.4	103.9	117.2	130.1	143.8	156.9	169.3	180.9	192.5	204.0	214.9
70°	111.7	127.1	143.1	159.3	175.2	189.7	204.1	218.7	233.1	246.0	257.6
67.5°	132.9	151.3	169.8	188.1	205.4	222.1	239.1	255.8	271.8	285.4	297.5
65°	154.8	175.4	195.9	215.8	234.7	254.2	273.4	291.9	306.9	319.4	331.5
62.5°	176.2	199.4	221.8	243.5	264.9	286.3	304.7	321.3	336.9	350.4	363.5
60°	198.0	223.2	247.5	271.4	294.1	313.6	332.4	349.1	364.7	379.6	390.7
57.5°	219.6	246.7	273.1	297.6	319.3	339.5	357.6	375.1	388.6	400.5	412.6
55°	240.7	269.8	297.0	321.2	343.2	362.5	380.8	395.4	408.9	420.2	432.0
52.5°	261.4	291.9	318.7	343.2	364.4	383.5	399.6	414.0	426.7	438.2	447.8
50°	281.7	311.5	339.4	362.5	383.7	401.5	416.6	430.6	442.8	453.4	462.1
47.5°	299.7	330.6	356.9	380.6	400.5	417.5	432.2	445.5	457.6	466.9	475.5
45°	316.5	346.9	373.7	396.2	415.8	431.8	446.0	459.7	469.8	479.0	485.7
42.5°	332.7	362.1	388.2	411.5	428.7	444.2	458.6	470.5	480.9	489.0	496.2
40°	346.4	376.8	401.7	422.9	440.6	455.3	468.6	480.5	490.8	498.7	506.4
37.5°	359.4	388.7	413.9	433.7	450.2	464.8	477.9	489.1	499.2	507.5	518.1
35°	371.8	399.9	423.4	442.6	458.7	473.1	485.7	497.1	507.0	518.6	530.8
32.5°	382.4	410.6	432.3	449.9	465.8	480.5	493.1	504.6	516.1	529.1	544.3
30°	391.3	418.5	440.1	456.5	472.4	486.3	499.8	512.2	524.8	540.5	560.2
27.5°	399.4	425.7	445.7	462.3	478.2	491.3	505.4	519.4	534.3	552.5	577.3
25°	407.0	432.3	450.7	467.4	482.3	495.9	510.5	525.0	543.5	567.5	599.9
22.5°	413.2	438.4	455.0	472.1	485.8	500.1	515.1	531.3	552.2	581.3	623.8
20°	418.2	442.0	458.7	475.7	488.7	503.8	519.1	536.8	561.7	599.7	648.8
17.5°	422.6	445.1	461.8	477.8	491.5	507.0	522.8	541.2	569.6	616.9	671.9
15°	426.6	447.7	464.3	479.6	493.9	509.5	526.0	547.0	580.1	633.5	692.8
12.5°	430.1	449.8	466.3	480.9	495.8	511.1	528.7	552.0	591.3	648.9	713.4
10°	433.0	451.3	467.6	481.8	497.2	512.1	530.8	555.3	599.2	657.7	725.7
7.5°	434.7	452.5	468.6	482.3	498.1	512.3	532.3	556.9	604.2	662.4	732.3
5°	435.7	453.5	469.7	483.2	499.0	513.0	533.6	557.2	606.2	663.2	734.9
2.5°	436.0	454.2	470.4	483.8	499.8	514.9	536.1	560.1	608.0	666.5	736.5
0°	435.6	454.4	470.6	484.0	500.1	516.3	537.8	562.0	607.7	669.6	736.8
-2.5°	436.0	454.2	470.4	483.8	499.8	514.9	536.1	560.1	608.0	666.5	736.5
-5°	435.7	453.5	469.7	483.2	499.0	513.0	533.6	557.2	606.2	663.2	734.9
-7.5°	434.7	452.5	468.6	482.3	498.1	512.3	532.3	556.9	604.2	662.4	732.3
-10°	433.0	451.3	467.6	481.8	497.2	512.1	530.8	555.3	599.2	657.7	725.7
-12.5°	430.1	449.8	466.3	480.9	495.8	511.1	528.7	552.0	591.3	648.9	713.4
-15°	426.6	447.7	464.3	479.6	493.9	509.5	526.0	547.0	580.1	633.5	692.8
-17.5°	422.6	445.1	461.8	477.8	491.5	507.0	522.8	541.2	569.6	616.9	671.9
-20°	418.2	442.0	458.7	475.7	488.7	503.8	519.1	536.8	561.7	599.7	648.8



REPORT NUMBER: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	413.2	438.4	455.0	472.1	485.8	500.1	515.1	531.3	552.2	581.3	623.8
-25°	407.0	432.3	450.7	467.4	482.3	495.9	510.5	525.0	543.5	567.5	599.9
-27.5°	399.4	425.7	445.7	462.3	478.2	491.3	505.4	519.4	534.3	552.5	577.3
-30°	391.3	418.5	440.1	456.5	472.4	486.3	499.8	512.2	524.8	540.5	560.2
-32.5°	382.4	410.6	432.3	449.9	465.8	480.5	493.1	504.6	516.1	529.1	544.3
-35°	371.8	399.9	423.4	442.6	458.7	473.1	485.7	497.1	507.0	518.6	530.8
-37.5°	359.4	388.7	413.9	433.7	450.2	464.8	477.9	489.1	499.2	507.5	518.1
-40°	346.4	376.8	401.7	422.9	440.6	455.3	468.6	480.5	490.8	498.7	506.4
-42.5°	332.7	362.1	388.2	411.5	428.7	444.2	458.6	470.5	480.9	489.0	496.2
-45°	316.5	346.9	373.7	396.2	415.8	431.8	446.0	459.7	469.8	479.0	485.7
-47.5°	299.7	330.6	356.9	380.6	400.5	417.5	432.2	445.5	457.6	466.9	475.5
-50°	281.7	311.5	339.4	362.5	383.7	401.5	416.6	430.6	442.8	453.4	462.1
-52.5°	261.4	291.9	318.7	343.2	364.4	383.5	399.6	414.0	426.7	438.2	447.8
-55°	240.7	269.8	297.0	321.2	343.2	362.5	380.8	395.4	408.9	420.2	432.0
-57.5°	219.6	246.7	273.1	297.6	319.3	339.5	357.6	375.1	388.6	400.5	412.6
-60°	198.0	223.2	247.5	271.4	294.1	313.6	332.4	349.1	364.7	379.6	390.7
-62.5°	176.2	199.4	221.8	243.5	264.9	286.3	304.7	321.3	336.9	350.4	363.5
-65°	154.8	175.4	195.9	215.8	234.7	254.2	273.4	291.9	306.9	319.4	331.5
-67.5°	132.9	151.3	169.8	188.1	205.4	222.1	239.1	255.8	271.8	285.4	297.5
-70°	111.7	127.1	143.1	159.3	175.2	189.7	204.1	218.7	233.1	246.0	257.6
-72.5°	90.4	103.9	117.2	130.1	143.8	156.9	169.3	180.9	192.5	204.0	214.9
-75°	72.6	80.9	92.0	103.2	113.8	124.3	135.0	145.3	154.4	162.8	171.3
-77.5°	57.3	63.4	70.1	77.3	84.3	92.3	100.5	108.7	116.2	122.7	128.5
-80°	42.7	45.7	49.9	54.7	59.7	64.5	69.2	73.6	78.4	83.7	89.1
-82.5°	29.6	32.2	34.4	36.3	38.2	40.0	42.0	45.1	49.2	53.1	56.8
-85°	17.3	18.8	20.7	22.3	23.9	25.3	26.6	27.7	29.3	30.9	32.6
-87.5°	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	13.9	14.4	14.9
-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: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-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°	15.4	15.3	15.1	14.9	14.6	14.9	15.1	15.4	15.6	15.7	15.9
85°	34.2	35.6	37.1	38.6	40.1	41.2	42.1	43.0	43.7	44.3	44.8
82.5°	60.1	63.2	66.0	68.5	70.8	72.7	74.3	75.8	77.1	78.2	79.1
80°	93.9	98.5	102.9	107.0	110.8	113.8	116.4	118.5	120.2	122.0	123.6
77.5°	134.2	140.7	146.9	152.4	157.4	161.6	165.2	168.3	171.0	174.2	177.2
75°	179.7	187.5	194.6	201.2	207.2	212.5	217.3	221.4	224.9	228.5	231.5
72.5°	225.3	234.7	242.9	249.9	256.2	262.4	268.3	274.0	279.1	283.0	285.8
70°	268.2	277.9	286.6	294.6	302.0	309.7	317.4	324.6	331.2	335.4	337.9
67.5°	307.6	317.4	327.4	337.3	346.1	354.1	361.9	369.0	375.4	379.7	382.4
65°	343.1	353.9	364.7	374.9	384.2	391.0	398.1	404.8	411.2	416.2	419.9
62.5°	376.3	387.0	396.2	404.7	412.7	419.5	426.5	432.7	438.1	442.9	447.4
60°	401.7	412.6	421.5	429.5	436.9	443.7	449.1	453.8	457.5	460.4	463.3
57.5°	423.5	433.9	442.9	449.5	456.1	462.6	467.2	470.1	472.3	474.0	475.2
55°	442.3	450.7	458.1	465.4	471.9	477.5	481.6	483.5	484.8	485.4	486.0
52.5°	457.3	465.5	473.2	480.1	485.2	489.9	494.0	495.1	495.7	496.0	496.1
50°	471.1	479.1	485.2	491.0	496.2	500.5	504.0	505.7	506.6	506.8	506.3
47.5°	482.2	489.1	495.9	501.8	507.1	512.1	516.1	518.3	520.1	520.7	520.7
45°	492.0	500.1	507.2	514.2	520.4	526.8	532.3	536.1	539.8	542.4	543.6
42.5°	503.6	511.6	519.6	529.2	538.1	546.5	555.6	563.6	572.0	580.9	586.9
40°	515.4	524.1	536.3	547.9	560.8	572.6	591.8	611.0	625.6	638.0	649.2
37.5°	528.7	541.5	556.1	571.0	592.3	614.3	638.5	662.2	683.0	701.7	716.8
35°	544.2	561.2	579.1	605.7	632.7	659.8	688.8	720.5	747.3	767.0	781.1
32.5°	563.0	584.5	613.3	647.2	680.4	715.5	750.6	785.9	812.3	839.6	867.1
30°	583.9	614.9	652.1	693.4	734.8	776.8	820.8	869.8	916.2	966.3	1037.9
27.5°	610.6	648.4	692.1	740.9	790.8	840.9	917.5	1001.5	1126.3	1225.9	1395.0
25°	639.1	683.3	735.5	792.0	852.9	942.6	1082.9	1248.7	1542.6	1770.5	2116.4
22.5°	670.9	722.9	780.5	845.4	943.7	1112.8	1352.8	1778.7	2371.4	2956.7	3607.6
20°	702.3	759.8	822.9	921.1	1088.0	1355.5	1875.3	2796.2	3824.7	5289.1	6518.1
17.5°	732.0	793.0	873.1	1006.1	1255.8	1793.8	2800.7	4378.0	6526.1	8886.7	10855.1
15°	758.1	820.5	928.3	1138.9	1560.9	2398.8	3919.1	6603.6	10212.9	13444.9	16327.5
12.5°	780.1	854.0	988.1	1246.1	1825.8	3066.1	5504.7	9316.8	13724.3	18256.9	21904.9
10°	796.1	889.6	1068.0	1444.5	2246.7	3860.2	6826.4	11634.9	16941.8	22450.7	29045.4
7.5°	805.8	915.1	1128.6	1591.8	2622.1	4744.4	8484.3	13704.6	19798.8	27319.1	37395.0
5°	812.7	932.3	1173.5	1702.7	2872.9	5328.9	9531.0	15272.7	22264.0	33137.9	53874.6
2.5°	816.1	939.9	1199.0	1763.6	2987.2	5629.4	10267.6	16170.6	23763.8	37242.7	65290.7
0°	814.8	935.8	1202.0	1777.4	3003.6	5859.3	10390.2	16426.9	24270.7	37610.6	68950.6
-2.5°	816.1	939.9	1199.0	1763.6	2987.2	5629.4	10267.6	16170.6	23763.8	37242.7	65290.7
-5°	812.7	932.3	1173.5	1702.7	2872.9	5328.9	9531.0	15272.7	22264.0	33137.9	53874.6
-7.5°	805.8	915.1	1128.6	1591.8	2622.1	4744.4	8484.3	13704.6	19798.8	27319.1	37395.0
-10°	796.1	889.6	1068.0	1444.5	2246.7	3860.2	6826.4	11634.9	16941.8	22450.7	29045.4
-12.5°	780.1	854.0	988.1	1246.1	1825.8	3066.1	5504.7	9316.8	13724.3	18256.9	21904.9
-15°	758.1	820.5	928.3	1138.9	1560.9	2398.8	3919.1	6603.6	10212.9	13444.9	16327.5
-17.5°	732.0	793.0	873.1	1006.1	1255.8	1793.8	2800.7	4378.0	6526.1	8886.7	10855.1
-20°	702.3	759.8	822.9	921.1	1088.0	1355.5	1875.3	2796.2	3824.7	5289.1	6518.1



REPORT NUMBER: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	670.9	722.9	780.5	845.4	943.7	1112.8	1352.8	1778.7	2371.4	2956.7	3607.6
-25°	639.1	683.3	735.5	792.0	852.9	942.6	1082.9	1248.7	1542.6	1770.5	2116.4
-27.5°	610.6	648.4	692.1	740.9	790.8	840.9	917.5	1001.5	1126.3	1225.9	1395.0
-30°	583.9	614.9	652.1	693.4	734.8	776.8	820.8	869.8	916.2	966.3	1037.9
-32.5°	563.0	584.5	613.3	647.2	680.4	715.5	750.6	785.9	812.3	839.6	867.1
-35°	544.2	561.2	579.1	605.7	632.7	659.8	688.8	720.5	747.3	767.0	781.1
-37.5°	528.7	541.5	556.1	571.0	592.3	614.3	638.5	662.2	683.0	701.7	716.8
-40°	515.4	524.1	536.3	547.9	560.8	572.6	591.8	611.0	625.6	638.0	649.2
-42.5°	503.6	511.6	519.6	529.2	538.1	546.5	555.6	563.6	572.0	580.9	586.9
-45°	492.0	500.1	507.2	514.2	520.4	526.8	532.3	536.1	539.8	542.4	543.6
-47.5°	482.2	489.1	495.9	501.8	507.1	512.1	516.1	518.3	520.1	520.7	520.7
-50°	471.1	479.1	485.2	491.0	496.2	500.5	504.0	505.7	506.6	506.8	506.3
-52.5°	457.3	465.5	473.2	480.1	485.2	489.9	494.0	495.1	495.7	496.0	496.1
-55°	442.3	450.7	458.1	465.4	471.9	477.5	481.6	483.5	484.8	485.4	486.0
-57.5°	423.5	433.9	442.9	449.5	456.1	462.6	467.2	470.1	472.3	474.0	475.2
-60°	401.7	412.6	421.5	429.5	436.9	443.7	449.1	453.8	457.5	460.4	463.3
-62.5°	376.3	387.0	396.2	404.7	412.7	419.5	426.5	432.7	438.1	442.9	447.4
-65°	343.1	353.9	364.7	374.9	384.2	391.0	398.1	404.8	411.2	416.2	419.9
-67.5°	307.6	317.4	327.4	337.3	346.1	354.1	361.9	369.0	375.4	379.7	382.4
-70°	268.2	277.9	286.6	294.6	302.0	309.7	317.4	324.6	331.2	335.4	337.9
-72.5°	225.3	234.7	242.9	249.9	256.2	262.4	268.3	274.0	279.1	283.0	285.8
-75°	179.7	187.5	194.6	201.2	207.2	212.5	217.3	221.4	224.9	228.5	231.5
-77.5°	134.2	140.7	146.9	152.4	157.4	161.6	165.2	168.3	171.0	174.2	177.2
-80°	93.9	98.5	102.9	107.0	110.8	113.8	116.4	118.5	120.2	122.0	123.6
-82.5°	60.1	63.2	66.0	68.5	70.8	72.7	74.3	75.8	77.1	78.2	79.1
-85°	34.2	35.6	37.1	38.6	40.1	41.2	42.1	43.0	43.7	44.3	44.8
-87.5°	15.4	15.3	15.1	14.9	14.6	14.9	15.1	15.4	15.6	15.7	15.9
-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: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-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°	16.0	16.0	16.1	16.1	16.1	16.0	16.0	15.9	15.7	15.6	15.4
85°	45.2	45.5	45.6	45.7	45.6	45.5	45.2	44.8	44.3	43.7	43.0
82.5°	79.8	80.3	80.6	80.7	80.6	80.3	79.8	79.1	78.2	77.1	75.8
80°	124.8	125.7	126.2	126.4	126.2	125.7	124.8	123.6	122.0	120.2	118.5
77.5°	179.8	181.8	182.6	182.9	182.6	181.8	179.8	177.2	174.2	171.0	168.3
75°	233.7	235.3	236.3	236.6	236.3	235.3	233.7	231.5	228.5	224.9	221.4
72.5°	287.8	289.0	291.3	293.1	291.3	289.0	287.8	285.8	283.0	279.1	274.0
70°	339.4	340.0	342.4	344.2	342.4	340.0	339.4	337.9	335.4	331.2	324.6
67.5°	384.4	385.7	385.6	384.5	385.6	385.7	384.4	382.4	379.7	375.4	369.0
65°	423.1	425.7	425.9	424.9	425.9	425.7	423.1	419.9	416.2	411.2	404.8
62.5°	451.5	455.3	456.8	457.1	456.8	455.3	451.5	447.4	442.9	438.1	432.7
60°	465.5	467.1	467.8	467.9	467.8	467.1	465.5	463.3	460.4	457.5	453.8
57.5°	475.7	475.7	475.8	475.9	475.8	475.7	475.7	475.2	474.0	472.3	470.1
55°	486.3	486.3	485.5	484.0	485.5	486.3	486.3	486.0	485.4	484.8	483.5
52.5°	495.8	494.9	493.7	492.1	493.7	494.9	495.8	496.1	496.0	495.7	495.1
50°	505.1	503.4	502.6	502.8	502.6	503.4	505.1	506.3	506.8	506.6	505.7
47.5°	520.2	519.1	518.7	519.0	518.7	519.1	520.2	520.7	520.7	520.1	518.3
45°	544.1	543.2	542.7	543.2	542.7	543.2	544.1	543.6	542.4	539.8	536.1
42.5°	590.3	590.7	590.4	591.6	590.4	590.7	590.3	586.9	580.9	572.0	563.6
40°	653.7	653.4	651.2	650.7	651.2	653.4	653.7	649.2	638.0	625.6	611.0
37.5°	723.0	723.1	720.8	720.6	720.8	723.1	723.0	716.8	701.7	683.0	662.2
35°	788.4	790.8	790.3	787.9	790.3	790.8	788.4	781.1	767.0	747.3	720.5
32.5°	886.6	901.7	909.6	906.2	909.6	901.7	886.6	867.1	839.6	812.3	785.9
30°	1082.9	1121.6	1142.0	1150.9	1142.0	1121.6	1082.9	1037.9	966.3	916.2	869.8
27.5°	1516.1	1601.5	1639.9	1653.7	1639.9	1601.5	1516.1	1395.0	1225.9	1126.3	1001.5
25°	2418.5	2611.5	2706.7	2737.4	2706.7	2611.5	2418.5	2116.4	1770.5	1542.6	1248.7
22.5°	4324.5	4696.3	4950.5	5006.9	4950.5	4696.3	4324.5	3607.6	2956.7	2371.4	1778.7
20°	7753.9	8472.9	8863.0	8827.9	8863.0	8472.9	7753.9	6518.1	5289.1	3824.7	2796.2
17.5°	12528.4	13450.4	13889.3	13684.2	13889.3	13450.4	12528.4	10855.1	8886.7	6526.1	4378.0
15°	18366.2	19611.8	20155.2	20323.2	20155.2	19611.8	18366.2	16327.5	13444.9	10212.9	6603.6
12.5°	25546.5	29630.2	31583.1	32106.3	31583.1	29630.2	25546.5	21904.9	18256.9	13724.3	9316.8
10°	35790.9	49517.8	57682.7	59676.3	57682.7	49517.8	35790.9	29045.4	22450.7	16941.8	11634.9
7.5°	58449.6	86343.8	117591.7	132388.8	117591.7	86343.8	58449.6	37395.0	27319.1	19798.8	13704.6
5°	89135.3	154701.6	227050.1	255412.0	227050.1	154701.6	89135.3	53874.6	33137.9	22264.0	15272.7
2.5°	126439.2	233587.6	333555.5	370821.3	333555.5	233587.6	126439.2	65290.7	37242.7	23763.8	16170.6
0°	142199.6	269300.5	367505.8	399427.9	367505.8	269300.5	142199.6	68950.6	37610.6	24270.7	16426.9
-2.5°	126439.2	233587.6	333555.5	370821.3	333555.5	233587.6	126439.2	65290.7	37242.7	23763.8	16170.6
-5°	89135.3	154701.6	227050.1	255412.0	227050.1	154701.6	89135.3	53874.6	33137.9	22264.0	15272.7
-7.5°	58449.6	86343.8	117591.7	132388.8	117591.7	86343.8	58449.6	37395.0	27319.1	19798.8	13704.6
-10°	35790.9	49517.8	57682.7	59676.3	57682.7	49517.8	35790.9	29045.4	22450.7	16941.8	11634.9
-12.5°	25546.5	29630.2	31583.1	32106.3	31583.1	29630.2	25546.5	21904.9	18256.9	13724.3	9316.8
-15°	18366.2	19611.8	20155.2	20323.2	20155.2	19611.8	18366.2	16327.5	13444.9	10212.9	6603.6
-17.5°	12528.4	13450.4	13889.3	13684.2	13889.3	13450.4	12528.4	10855.1	8886.7	6526.1	4378.0
-20°	7753.9	8472.9	8863.0	8827.9	8863.0	8472.9	7753.9	6518.1	5289.1	3824.7	2796.2



REPORT NUMBER: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4324.5	4696.3	4950.5	5006.9	4950.5	4696.3	4324.5	3607.6	2956.7	2371.4	1778.7
-25°	2418.5	2611.5	2706.7	2737.4	2706.7	2611.5	2418.5	2116.4	1770.5	1542.6	1248.7
-27.5°	1516.1	1601.5	1639.9	1653.7	1639.9	1601.5	1516.1	1395.0	1225.9	1126.3	1001.5
-30°	1082.9	1121.6	1142.0	1150.9	1142.0	1121.6	1082.9	1037.9	966.3	916.2	869.8
-32.5°	886.6	901.7	909.6	906.2	909.6	901.7	886.6	867.1	839.6	812.3	785.9
-35°	788.4	790.8	790.3	787.9	790.3	790.8	788.4	781.1	767.0	747.3	720.5
-37.5°	723.0	723.1	720.8	720.6	720.8	723.1	723.0	716.8	701.7	683.0	662.2
-40°	653.7	653.4	651.2	650.7	651.2	653.4	653.7	649.2	638.0	625.6	611.0
-42.5°	590.3	590.7	590.4	591.6	590.4	590.7	590.3	586.9	580.9	572.0	563.6
-45°	544.1	543.2	542.7	543.2	542.7	543.2	544.1	543.6	542.4	539.8	536.1
-47.5°	520.2	519.1	518.7	519.0	518.7	519.1	520.2	520.7	520.7	520.1	518.3
-50°	505.1	503.4	502.6	502.8	502.6	503.4	505.1	506.3	506.8	506.6	505.7
-52.5°	495.8	494.9	493.7	492.1	493.7	494.9	495.8	496.1	496.0	495.7	495.1
-55°	486.3	486.3	485.5	484.0	485.5	486.3	486.3	486.0	485.4	484.8	483.5
-57.5°	475.7	475.7	475.8	475.9	475.8	475.7	475.7	475.2	474.0	472.3	470.1
-60°	465.5	467.1	467.8	467.9	467.8	467.1	465.5	463.3	460.4	457.5	453.8
-62.5°	451.5	455.3	456.8	457.1	456.8	455.3	451.5	447.4	442.9	438.1	432.7
-65°	423.1	425.7	425.9	424.9	425.9	425.7	423.1	419.9	416.2	411.2	404.8
-67.5°	384.4	385.7	385.6	384.5	385.6	385.7	384.4	382.4	379.7	375.4	369.0
-70°	339.4	340.0	342.4	344.2	342.4	340.0	339.4	337.9	335.4	331.2	324.6
-72.5°	287.8	289.0	291.3	293.1	291.3	289.0	287.8	285.8	283.0	279.1	274.0
-75°	233.7	235.3	236.3	236.6	236.3	235.3	233.7	231.5	228.5	224.9	221.4
-77.5°	179.8	181.8	182.6	182.9	182.6	181.8	179.8	177.2	174.2	171.0	168.3
-80°	124.8	125.7	126.2	126.4	126.2	125.7	124.8	123.6	122.0	120.2	118.5
-82.5°	79.8	80.3	80.6	80.7	80.6	80.3	79.8	79.1	78.2	77.1	75.8
-85°	45.2	45.5	45.6	45.7	45.6	45.5	45.2	44.8	44.3	43.7	43.0
-87.5°	16.0	16.0	16.1	16.1	16.1	16.0	16.0	15.9	15.7	15.6	15.4
-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: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-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°	15.1	14.9	14.6	14.9	15.1	15.3	15.4	14.9	14.4	13.9	13.3
85°	42.1	41.2	40.1	38.6	37.1	35.6	34.2	32.6	30.9	29.3	27.7
82.5°	74.3	72.7	70.8	68.5	66.0	63.2	60.1	56.8	53.1	49.2	45.1
80°	116.4	113.8	110.8	107.0	102.9	98.5	93.9	89.1	83.7	78.4	73.6
77.5°	165.2	161.6	157.4	152.4	146.9	140.7	134.2	128.5	122.7	116.2	108.7
75°	217.3	212.5	207.2	201.2	194.6	187.5	179.7	171.3	162.8	154.4	145.3
72.5°	268.3	262.4	256.2	249.9	242.9	234.7	225.3	214.9	204.0	192.5	180.9
70°	317.4	309.7	302.0	294.6	286.6	277.9	268.2	257.6	246.0	233.1	218.7
67.5°	361.9	354.1	346.1	337.3	327.4	317.4	307.6	297.5	285.4	271.8	255.8
65°	398.1	391.0	384.2	374.9	364.7	353.9	343.1	331.5	319.4	306.9	291.9
62.5°	426.5	419.5	412.7	404.7	396.2	387.0	376.3	363.5	350.4	336.9	321.3
60°	449.1	443.7	436.9	429.5	421.5	412.6	401.7	390.7	379.6	364.7	349.1
57.5°	467.2	462.6	456.1	449.5	442.9	433.9	423.5	412.6	400.5	388.6	375.1
55°	481.6	477.5	471.9	465.4	458.1	450.7	442.3	432.0	420.2	408.9	395.4
52.5°	494.0	489.9	485.2	480.1	473.2	465.5	457.3	447.8	438.2	426.7	414.0
50°	504.0	500.5	496.2	491.0	485.2	479.1	471.1	462.1	453.4	442.8	430.6
47.5°	516.1	512.1	507.1	501.8	495.9	489.1	482.2	475.5	466.9	457.6	445.5
45°	532.3	526.8	520.4	514.2	507.2	500.1	492.0	485.7	479.0	469.8	459.7
42.5°	555.6	546.5	538.1	529.2	519.6	511.6	503.6	496.2	489.0	480.9	470.5
40°	591.8	572.6	560.8	547.9	536.3	524.1	515.4	506.4	498.7	490.8	480.5
37.5°	638.5	614.3	592.3	571.0	556.1	541.5	528.7	518.1	507.5	499.2	489.1
35°	688.8	659.8	632.7	605.7	579.1	561.2	544.2	530.8	518.6	507.0	497.1
32.5°	750.6	715.5	680.4	647.2	613.3	584.5	563.0	544.3	529.1	516.1	504.6
30°	820.8	776.8	734.8	693.4	652.1	614.9	583.9	560.2	540.5	524.8	512.2
27.5°	917.5	840.9	790.8	740.9	692.1	648.4	610.6	577.3	552.5	534.3	519.4
25°	1082.9	942.6	852.9	792.0	735.5	683.3	639.1	599.9	567.5	543.5	525.0
22.5°	1352.8	1112.8	943.7	845.4	780.5	722.9	670.9	623.8	581.3	552.2	531.3
20°	1875.3	1355.5	1088.0	921.1	822.9	759.8	702.3	648.8	599.7	561.7	536.8
17.5°	2800.7	1793.8	1255.8	1006.1	873.1	793.0	732.0	671.9	616.9	569.6	541.2
15°	3919.1	2398.8	1560.9	1138.9	928.3	820.5	758.1	692.8	633.5	580.1	547.0
12.5°	5504.7	3066.1	1825.8	1246.1	988.1	854.0	780.1	713.4	648.9	591.3	552.0
10°	6826.4	3860.2	2246.7	1444.5	1068.0	889.6	796.1	725.7	657.7	599.2	555.3
7.5°	8484.3	4744.4	2622.1	1591.8	1128.6	915.1	805.8	732.3	662.4	604.2	556.9
5°	9531.0	5328.9	2872.9	1702.7	1173.5	932.3	812.7	734.9	663.2	606.2	557.2
2.5°	10267.6	5629.4	2987.2	1763.6	1199.0	939.9	816.1	736.5	666.5	608.0	560.1
0°	10390.2	5859.3	3003.6	1777.4	1202.0	935.8	814.8	736.8	669.6	607.7	562.0
-2.5°	10267.6	5629.4	2987.2	1763.6	1199.0	939.9	816.1	736.5	666.5	608.0	560.1
-5°	9531.0	5328.9	2872.9	1702.7	1173.5	932.3	812.7	734.9	663.2	606.2	557.2
-7.5°	8484.3	4744.4	2622.1	1591.8	1128.6	915.1	805.8	732.3	662.4	604.2	556.9
-10°	6826.4	3860.2	2246.7	1444.5	1068.0	889.6	796.1	725.7	657.7	599.2	555.3
-12.5°	5504.7	3066.1	1825.8	1246.1	988.1	854.0	780.1	713.4	648.9	591.3	552.0
-15°	3919.1	2398.8	1560.9	1138.9	928.3	820.5	758.1	692.8	633.5	580.1	547.0
-17.5°	2800.7	1793.8	1255.8	1006.1	873.1	793.0	732.0	671.9	616.9	569.6	541.2
-20°	1875.3	1355.5	1088.0	921.1	822.9	759.8	702.3	648.8	599.7	561.7	536.8



REPORT NUMBER: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1352.8	1112.8	943.7	845.4	780.5	722.9	670.9	623.8	581.3	552.2	531.3
-25°	1082.9	942.6	852.9	792.0	735.5	683.3	639.1	599.9	567.5	543.5	525.0
-27.5°	917.5	840.9	790.8	740.9	692.1	648.4	610.6	577.3	552.5	534.3	519.4
-30°	820.8	776.8	734.8	693.4	652.1	614.9	583.9	560.2	540.5	524.8	512.2
-32.5°	750.6	715.5	680.4	647.2	613.3	584.5	563.0	544.3	529.1	516.1	504.6
-35°	688.8	659.8	632.7	605.7	579.1	561.2	544.2	530.8	518.6	507.0	497.1
-37.5°	638.5	614.3	592.3	571.0	556.1	541.5	528.7	518.1	507.5	499.2	489.1
-40°	591.8	572.6	560.8	547.9	536.3	524.1	515.4	506.4	498.7	490.8	480.5
-42.5°	555.6	546.5	538.1	529.2	519.6	511.6	503.6	496.2	489.0	480.9	470.5
-45°	532.3	526.8	520.4	514.2	507.2	500.1	492.0	485.7	479.0	469.8	459.7
-47.5°	516.1	512.1	507.1	501.8	495.9	489.1	482.2	475.5	466.9	457.6	445.5
-50°	504.0	500.5	496.2	491.0	485.2	479.1	471.1	462.1	453.4	442.8	430.6
-52.5°	494.0	489.9	485.2	480.1	473.2	465.5	457.3	447.8	438.2	426.7	414.0
-55°	481.6	477.5	471.9	465.4	458.1	450.7	442.3	432.0	420.2	408.9	395.4
-57.5°	467.2	462.6	456.1	449.5	442.9	433.9	423.5	412.6	400.5	388.6	375.1
-60°	449.1	443.7	436.9	429.5	421.5	412.6	401.7	390.7	379.6	364.7	349.1
-62.5°	426.5	419.5	412.7	404.7	396.2	387.0	376.3	363.5	350.4	336.9	321.3
-65°	398.1	391.0	384.2	374.9	364.7	353.9	343.1	331.5	319.4	306.9	291.9
-67.5°	361.9	354.1	346.1	337.3	327.4	317.4	307.6	297.5	285.4	271.8	255.8
-70°	317.4	309.7	302.0	294.6	286.6	277.9	268.2	257.6	246.0	233.1	218.7
-72.5°	268.3	262.4	256.2	249.9	242.9	234.7	225.3	214.9	204.0	192.5	180.9
-75°	217.3	212.5	207.2	201.2	194.6	187.5	179.7	171.3	162.8	154.4	145.3
-77.5°	165.2	161.6	157.4	152.4	146.9	140.7	134.2	128.5	122.7	116.2	108.7
-80°	116.4	113.8	110.8	107.0	102.9	98.5	93.9	89.1	83.7	78.4	73.6
-82.5°	74.3	72.7	70.8	68.5	66.0	63.2	60.1	56.8	53.1	49.2	45.1
-85°	42.1	41.2	40.1	38.6	37.1	35.6	34.2	32.6	30.9	29.3	27.7
-87.5°	15.1	14.9	14.6	14.9	15.1	15.3	15.4	14.9	14.4	13.9	13.3
-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: P559200 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-927-U-TS-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°	12.7	12.1	11.4	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.7
85°	26.6	25.3	23.9	22.3	20.7	18.8	17.3	15.9	14.4	12.8	11.3
82.5°	42.0	40.0	38.2	36.3	34.4	32.2	29.6	26.6	23.0	19.5	16.9
80°	69.2	64.5	59.7	54.7	49.9	45.7	42.7	39.0	33.9	29.0	24.2
77.5°	100.5	92.3	84.3	77.3	70.1	63.4	57.3	51.5	44.7	38.4	32.3
75°	135.0	124.3	113.8	103.2	92.0	80.9	72.6	64.8	56.6	47.9	40.3
72.5°	169.3	156.9	143.8	130.1	117.2	103.9	90.4	78.1	68.8	59.1	48.8
70°	204.1	189.7	175.2	159.3	143.1	127.1	111.7	96.2	81.1	70.1	58.6
67.5°	239.1	222.1	205.4	188.1	169.8	151.3	132.9	115.0	97.7	81.1	68.3
65°	273.4	254.2	234.7	215.8	195.9	175.4	154.8	133.9	114.0	95.2	77.9
62.5°	304.7	286.3	264.9	243.5	221.8	199.4	176.2	153.3	130.1	109.0	89.0
60°	332.4	313.6	294.1	271.4	247.5	223.2	198.0	172.4	147.3	122.3	100.5
57.5°	357.6	339.5	319.3	297.6	273.1	246.7	219.6	191.7	164.1	136.9	111.6
55°	380.8	362.5	343.2	321.2	297.0	269.8	240.7	210.8	180.7	151.4	122.5
52.5°	399.6	383.5	364.4	343.2	318.7	291.9	261.4	229.4	197.4	165.5	134.8
50°	416.6	401.5	383.7	362.5	339.4	311.5	281.7	247.9	213.6	179.4	146.9
47.5°	432.2	417.5	400.5	380.6	356.9	330.6	299.7	265.9	229.3	193.3	158.5
45°	446.0	431.8	415.8	396.2	373.7	346.9	316.5	283.4	245.0	206.8	169.6
42.5°	458.6	444.2	428.7	411.5	388.2	362.1	332.7	298.3	260.2	219.8	180.6
40°	468.6	455.3	440.6	422.9	401.7	376.8	346.4	312.4	274.7	232.3	191.4
37.5°	477.9	464.8	450.2	433.7	413.9	388.7	359.4	325.7	287.9	244.5	201.7
35°	485.7	473.1	458.7	442.6	423.4	399.9	371.8	337.8	299.0	256.0	211.4
32.5°	493.1	480.5	465.8	449.9	432.3	410.6	382.4	348.1	309.4	266.6	220.5
30°	499.8	486.3	472.4	456.5	440.1	418.5	391.3	357.7	319.2	276.5	229.1
27.5°	505.4	491.3	478.2	462.3	445.7	425.7	399.4	366.6	328.1	285.2	237.1
25°	510.5	495.9	482.3	467.4	450.7	432.3	407.0	374.7	335.8	292.5	244.4
22.5°	515.1	500.1	485.8	472.1	455.0	438.4	413.2	380.9	342.4	299.1	250.9
20°	519.1	503.8	488.7	475.7	458.7	442.0	418.2	386.4	348.2	305.0	256.8
17.5°	522.8	507.0	491.5	477.8	461.8	445.1	422.6	391.4	353.4	310.1	261.9
15°	526.0	509.5	493.9	479.6	464.3	447.7	426.6	395.8	357.8	314.6	266.3
12.5°	528.7	511.1	495.8	480.9	466.3	449.8	430.1	399.5	361.5	318.3	270.0
10°	530.8	512.1	497.2	481.8	467.6	451.3	433.0	402.4	364.4	321.2	272.9
7.5°	532.3	512.3	498.1	482.3	468.6	452.5	434.7	404.4	366.6	323.4	275.0
5°	533.6	513.0	499.0	483.2	469.7	453.5	435.7	405.7	368.0	324.8	276.4
2.5°	536.1	514.9	499.8	483.8	470.4	454.2	436.0	406.2	368.6	325.5	277.1
0°	537.8	516.3	500.1	484.0	470.6	454.4	435.6	406.0	368.4	325.4	277.0
-2.5°	536.1	514.9	499.8	483.8	470.4	454.2	436.0	406.2	368.6	325.5	277.1
-5°	533.6	513.0	499.0	483.2	469.7	453.5	435.7	405.7	368.0	324.8	276.4
-7.5°	532.3	512.3	498.1	482.3	468.6	452.5	434.7	404.4	366.6	323.4	275.0
-10°	530.8	512.1	497.2	481.8	467.6	451.3	433.0	402.4	364.4	321.2	272.9
-12.5°	528.7	511.1	495.8	480.9	466.3	449.8	430.1	399.5	361.5	318.3	270.0
-15°	526.0	509.5	493.9	479.6	464.3	447.7	426.6	395.8	357.8	314.6	266.3
-17.5°	522.8	507.0	491.5	477.8	461.8	445.1	422.6	391.4	353.4	310.1	261.9
-20°	519.1	503.8	488.7	475.7	458.7	442.0	418.2	386.4	348.2	305.0	256.8



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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°	515.1	500.1	485.8	472.1	455.0	438.4	413.2	380.9	342.4	299.1	250.9
-25°	510.5	495.9	482.3	467.4	450.7	432.3	407.0	374.7	335.8	292.5	244.4
-27.5°	505.4	491.3	478.2	462.3	445.7	425.7	399.4	366.6	328.1	285.2	237.1
-30°	499.8	486.3	472.4	456.5	440.1	418.5	391.3	357.7	319.2	276.5	229.1
-32.5°	493.1	480.5	465.8	449.9	432.3	410.6	382.4	348.1	309.4	266.6	220.5
-35°	485.7	473.1	458.7	442.6	423.4	399.9	371.8	337.8	299.0	256.0	211.4
-37.5°	477.9	464.8	450.2	433.7	413.9	388.7	359.4	325.7	287.9	244.5	201.7
-40°	468.6	455.3	440.6	422.9	401.7	376.8	346.4	312.4	274.7	232.3	191.4
-42.5°	458.6	444.2	428.7	411.5	388.2	362.1	332.7	298.3	260.2	219.8	180.6
-45°	446.0	431.8	415.8	396.2	373.7	346.9	316.5	283.4	245.0	206.8	169.6
-47.5°	432.2	417.5	400.5	380.6	356.9	330.6	299.7	265.9	229.3	193.3	158.5
-50°	416.6	401.5	383.7	362.5	339.4	311.5	281.7	247.9	213.6	179.4	146.9
-52.5°	399.6	383.5	364.4	343.2	318.7	291.9	261.4	229.4	197.4	165.5	134.8
-55°	380.8	362.5	343.2	321.2	297.0	269.8	240.7	210.8	180.7	151.4	122.5
-57.5°	357.6	339.5	319.3	297.6	273.1	246.7	219.6	191.7	164.1	136.9	111.6
-60°	332.4	313.6	294.1	271.4	247.5	223.2	198.0	172.4	147.3	122.3	100.5
-62.5°	304.7	286.3	264.9	243.5	221.8	199.4	176.2	153.3	130.1	109.0	89.0
-65°	273.4	254.2	234.7	215.8	195.9	175.4	154.8	133.9	114.0	95.2	77.9
-67.5°	239.1	222.1	205.4	188.1	169.8	151.3	132.9	115.0	97.7	81.1	68.3
-70°	204.1	189.7	175.2	159.3	143.1	127.1	111.7	96.2	81.1	70.1	58.6
-72.5°	169.3	156.9	143.8	130.1	117.2	103.9	90.4	78.1	68.8	59.1	48.8
-75°	135.0	124.3	113.8	103.2	92.0	80.9	72.6	64.8	56.6	47.9	40.3
-77.5°	100.5	92.3	84.3	77.3	70.1	63.4	57.3	51.5	44.7	38.4	32.3
-80°	69.2	64.5	59.7	54.7	49.9	45.7	42.7	39.0	33.9	29.0	24.2
-82.5°	42.0	40.0	38.2	36.3	34.4	32.2	29.6	26.6	23.0	19.5	16.9
-85°	26.6	25.3	23.9	22.3	20.7	18.8	17.3	15.9	14.4	12.8	11.3
-87.5°	12.7	12.1	11.4	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.7
-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°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
85°	9.7	8.4	7.0	5.4	3.7	1.9	0.0
82.5°	14.6	12.6	10.5	8.1	5.6	2.8	0.0
80°	19.7	16.8	14.0	10.8	7.5	3.7	0.0
77.5°	26.5	21.5	17.4	13.5	9.3	4.7	0.0
75°	33.4	27.2	21.1	16.2	11.1	5.6	0.0
72.5°	40.1	32.9	25.6	18.8	12.9	6.5	0.0
70°	47.0	38.5	30.0	21.6	14.7	7.4	0.0
67.5°	55.5	43.9	34.5	24.9	16.4	8.2	0.0
65°	63.8	50.1	38.8	28.1	18.2	9.1	0.0
62.5°	71.9	56.7	43.0	31.3	19.8	9.9	0.0
60°	79.8	63.3	47.2	34.5	21.5	10.7	0.0
57.5°	89.2	69.6	52.2	37.5	23.5	11.5	0.0
55°	98.5	75.7	57.0	40.5	25.4	12.3	0.0
52.5°	107.6	81.9	61.7	43.4	27.3	13.1	0.0
50°	116.4	89.3	66.3	46.2	29.2	13.8	0.0
47.5°	125.1	96.3	70.6	49.0	30.9	14.5	0.0
45°	134.6	103.1	74.8	52.1	32.6	15.2	0.0
42.5°	143.6	109.6	78.8	55.1	34.2	15.8	0.0
40°	152.2	115.9	83.2	57.9	35.8	16.5	0.0
37.5°	160.4	121.8	87.9	60.5	37.3	17.1	0.0
35°	168.0	127.9	92.4	62.9	38.7	17.6	0.0
32.5°	175.3	133.8	96.5	65.2	40.0	18.1	0.0
30°	182.5	139.4	100.5	67.3	41.2	18.6	0.0
27.5°	189.3	144.5	104.0	69.2	42.3	19.1	0.0
25°	195.4	149.2	107.3	70.9	43.3	19.5	0.0
22.5°	201.0	153.4	110.3	72.4	44.3	19.9	0.0
20°	206.1	157.3	113.0	73.8	45.1	20.2	0.0
17.5°	210.6	160.7	115.5	74.9	45.9	20.5	0.0
15°	214.7	163.7	117.6	75.9	46.6	20.8	0.0
12.5°	218.1	166.3	119.4	76.7	47.1	21.0	0.0
10°	220.9	168.4	121.0	77.3	47.6	21.2	0.0
7.5°	223.1	170.0	122.1	77.8	47.9	21.3	0.0
5°	224.6	171.2	123.0	78.0	48.2	21.4	0.0
2.5°	225.6	171.9	123.5	78.1	48.3	21.5	0.0
0°	225.9	172.1	123.7	78.0	48.4	21.5	0.0
-2.5°	225.6	171.9	123.5	78.1	48.3	21.5	0.0
-5°	224.6	171.2	123.0	78.0	48.2	21.4	0.0
-7.5°	223.1	170.0	122.1	77.8	47.9	21.3	0.0
-10°	220.9	168.4	121.0	77.3	47.6	21.2	0.0
-12.5°	218.1	166.3	119.4	76.7	47.1	21.0	0.0
-15°	214.7	163.7	117.6	75.9	46.6	20.8	0.0
-17.5°	210.6	160.7	115.5	74.9	45.9	20.5	0.0
-20°	206.1	157.3	113.0	73.8	45.1	20.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.0	153.4	110.3	72.4	44.3	19.9	0.0
-25°	195.4	149.2	107.3	70.9	43.3	19.5	0.0
-27.5°	189.3	144.5	104.0	69.2	42.3	19.1	0.0
-30°	182.5	139.4	100.5	67.3	41.2	18.6	0.0
-32.5°	175.3	133.8	96.5	65.2	40.0	18.1	0.0
-35°	168.0	127.9	92.4	62.9	38.7	17.6	0.0
-37.5°	160.4	121.8	87.9	60.5	37.3	17.1	0.0
-40°	152.2	115.9	83.2	57.9	35.8	16.5	0.0
-42.5°	143.6	109.6	78.8	55.1	34.2	15.8	0.0
-45°	134.6	103.1	74.8	52.1	32.6	15.2	0.0
-47.5°	125.1	96.3	70.6	49.0	30.9	14.5	0.0
-50°	116.4	89.3	66.3	46.2	29.2	13.8	0.0
-52.5°	107.6	81.9	61.7	43.4	27.3	13.1	0.0
-55°	98.5	75.7	57.0	40.5	25.4	12.3	0.0
-57.5°	89.2	69.6	52.2	37.5	23.5	11.5	0.0
-60°	79.8	63.3	47.2	34.5	21.5	10.7	0.0
-62.5°	71.9	56.7	43.0	31.3	19.8	9.9	0.0
-65°	63.8	50.1	38.8	28.1	18.2	9.1	0.0
-67.5°	55.5	43.9	34.5	24.9	16.4	8.2	0.0
-70°	47.0	38.5	30.0	21.6	14.7	7.4	0.0
-72.5°	40.1	32.9	25.6	18.8	12.9	6.5	0.0
-75°	33.4	27.2	21.1	16.2	11.1	5.6	0.0
-77.5°	26.5	21.5	17.4	13.5	9.3	4.7	0.0
-80°	19.7	16.8	14.0	10.8	7.5	3.7	0.0
-82.5°	14.6	12.6	10.5	8.1	5.6	2.8	0.0
-85°	9.7	8.4	7.0	5.4	3.7	1.9	0.0
-87.5°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)