

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: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6E-927-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3  
Light Source: (96) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

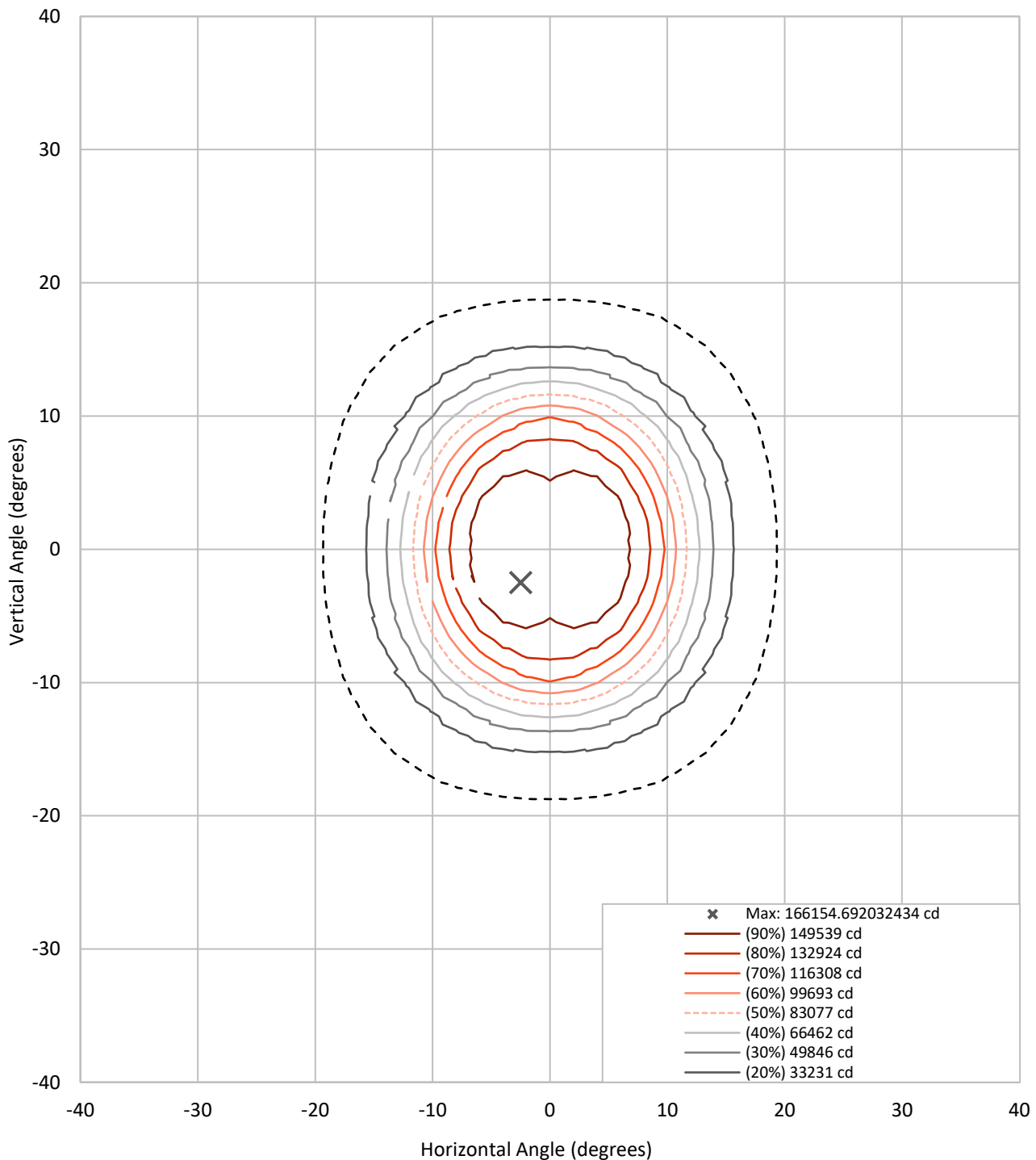
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	31419.6 lumens	Max Intensity:	166154.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	85.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	16962.4 lumens	Field Lumens:	25580.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 368  
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





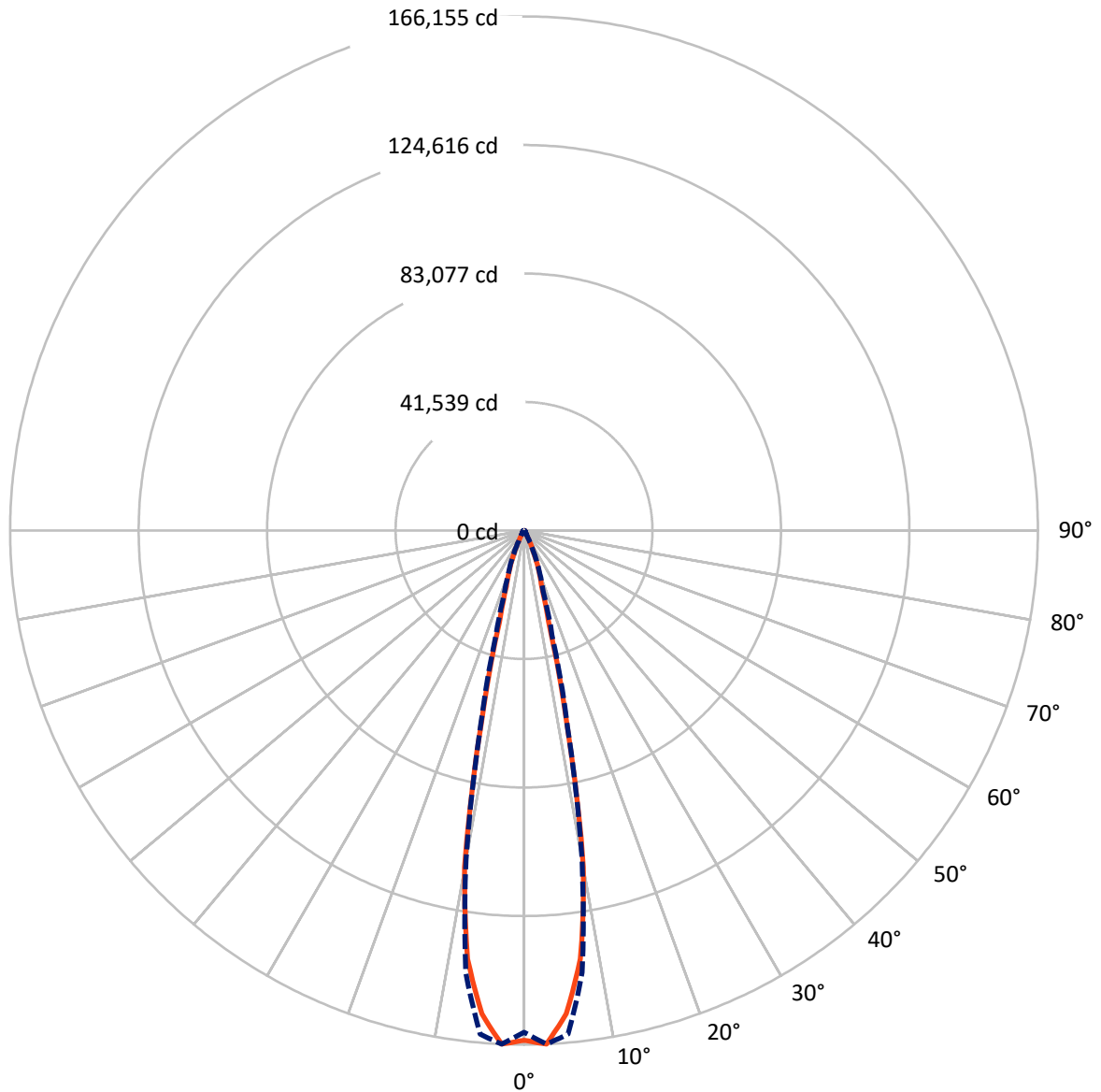
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### Lumen Table

90	0.4	3.2		8.4		13.5		15.7		13.5		8.4		3.2		0.4			
80	0.4	3.2		8.4		13.5		15.7		13.5		8.4		3.2		0.4			
70	1.5	1.6	3.4	5.5	7.6	9.4	10.7	11.4	11.4	10.7	9.4	7.6	5.5	3.4	1.6	1.5			
60		2.5	5.0	7.8	10.4	12.4	13.8	14.3	14.3	13.8	12.4	10.4	7.8	5.0	2.5				
50	2.7	3.3	6.3	9.4	12.1	14.8	17.0	18.0	18.0	17.0	14.8	12.1	9.4	6.3	3.3	2.7			
40		3.9	7.3	10.6	14.3	19.5	25.7	30.8	30.8	25.7	19.5	14.3	10.6	7.3	3.9				
30	3.5	4.4	7.9	11.7	17.8	32.1	96.5	188.0	188.0	96.5	32.1	17.8	11.7	7.9	4.4	3.5			
20		4.7	8.3	12.4	22.2	95.3	439.9	1131.1	1131.1	439.9	95.3	22.2	12.4	8.3	4.7				
10	3.8	4.9	8.4	13.1	26.5	185.7	1145.4	4046.8	4046.8	1145.4	185.7	26.5	13.1	8.4	4.9	3.8			
0		4.9	8.4	13.1	26.5	185.7	1145.4	4046.8	4046.8	1145.4	185.7	26.5	13.1	8.4	4.9				
-10	3.5	4.7	8.3	12.4	22.2	95.3	439.9	1131.1	1131.1	439.9	95.3	22.2	12.4	8.3	4.7	3.5			
-20		4.4	7.9	11.7	17.8	32.1	96.5	188.0	188.0	96.5	32.1	17.8	11.7	7.9	4.4				
-30	2.7	3.9	7.3	10.6	14.3	19.5	25.7	30.8	30.8	25.7	19.5	14.3	10.6	7.3	3.9	2.7			
-40		3.3	6.3	9.4	12.1	14.8	17.0	18.0	18.0	17.0	14.8	12.1	9.4	6.3	3.3				
-50	1.5	2.5	5.0	7.8	10.4	12.4	13.8	14.3	14.3	13.8	12.4	10.4	7.8	5.0	2.5	1.5			
-60		1.6	3.4	5.5	7.6	9.4	10.7	11.4	11.4	10.7	9.4	7.6	5.5	3.4	1.6				
-70	0.4	3.2		8.4		13.5		15.7		13.5		8.4		3.2		0.4			
-80		3.2		8.4		13.5		15.7		13.5		8.4		3.2					
-90	0.4	3.2		8.4		13.5		15.7		13.5		8.4		3.2		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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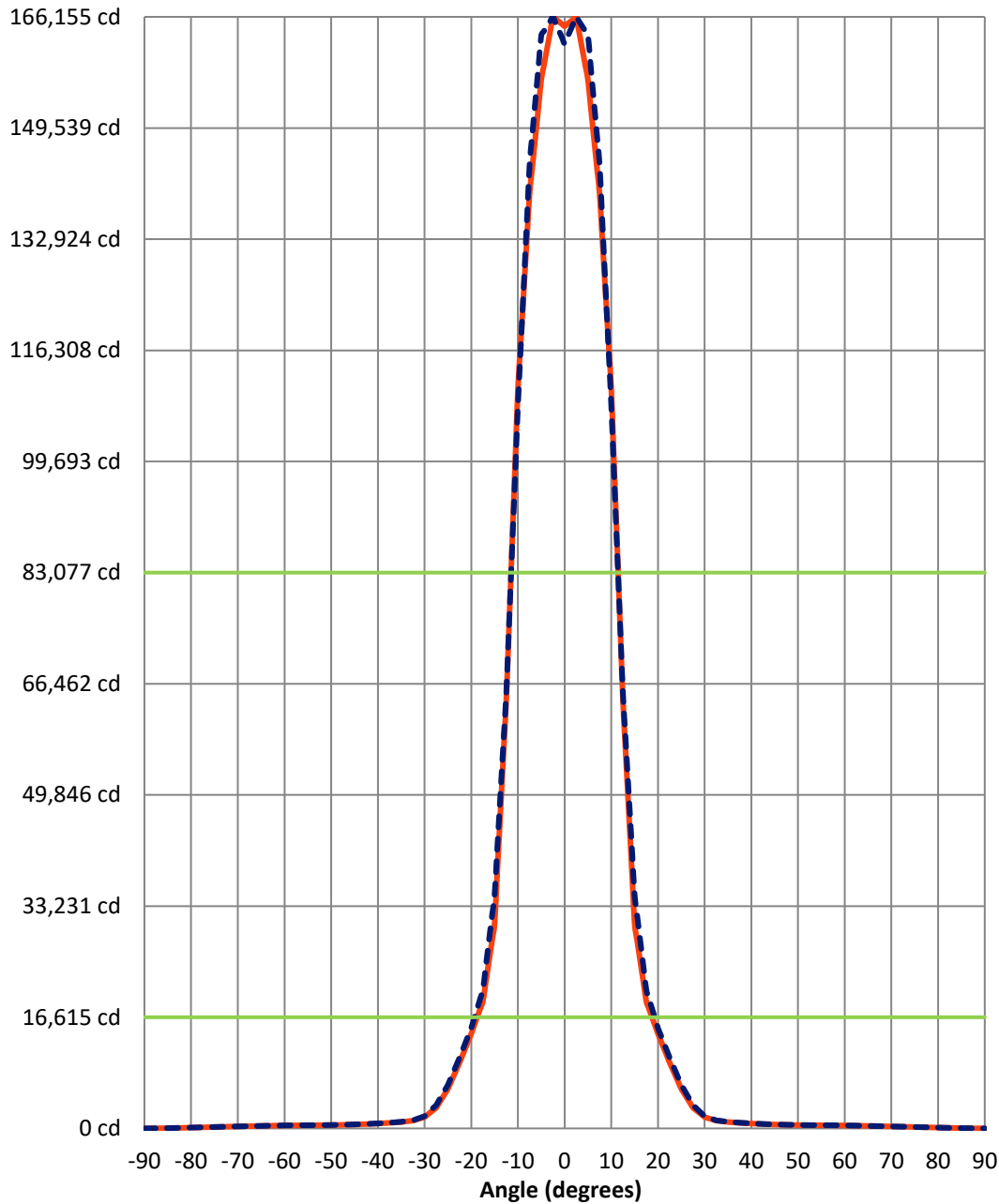
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.9°  
 V Angle: 22.9°  
 Lumens: 16962.4  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 25580.3  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 5839.4  
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-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	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.7	7.4
85°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
82.5°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.3	21.8	25.4
80°	0.0	3.1	6.1	9.1	12.2	15.2	18.4	23.0	27.7	32.6	37.6
77.5°	0.0	3.8	7.6	11.4	15.2	19.6	25.2	31.0	37.0	43.3	50.1
75°	0.0	4.6	9.1	13.6	18.5	25.4	31.9	38.9	46.4	55.2	63.4
72.5°	0.0	5.3	10.6	15.8	23.1	31.1	38.6	47.2	57.6	67.4	76.7
70°	0.0	6.0	12.0	18.3	27.8	36.8	45.4	57.1	68.6	79.6	92.7
67.5°	0.0	6.7	13.5	21.8	32.4	42.4	54.0	66.9	79.6	94.5	109.1
65°	0.0	7.4	14.9	25.2	36.9	48.5	62.3	76.5	92.7	109.1	125.6
62.5°	0.0	8.1	16.2	28.7	41.3	55.3	70.5	87.2	105.4	123.6	142.6
60°	0.0	8.8	17.6	32.0	45.7	61.8	78.4	98.2	118.0	138.7	159.3
57.5°	0.0	9.5	19.8	35.3	50.7	68.1	87.4	108.9	130.9	153.4	175.6
55°	0.0	10.1	21.9	38.5	55.6	74.3	96.4	119.4	143.7	167.8	191.6
52.5°	0.0	10.7	24.0	41.6	60.3	80.5	105.1	130.2	156.1	181.7	207.1
50°	0.0	11.3	26.0	44.6	64.9	87.5	113.5	140.9	168.1	195.3	222.6
47.5°	0.0	11.9	27.9	47.6	69.2	94.3	121.8	151.2	179.8	208.4	237.8
45°	0.0	12.4	29.8	50.7	73.4	100.8	130.4	161.3	191.1	221.7	252.7
42.5°	0.0	13.0	31.5	53.7	77.4	107.0	138.7	170.9	202.1	234.7	265.9
40°	0.0	13.5	33.2	56.5	81.7	113.0	146.7	180.1	212.7	247.2	278.3
37.5°	0.0	14.0	34.8	59.2	86.2	118.6	154.3	188.8	223.2	258.6	290.0
35°	0.0	14.4	36.3	61.7	90.5	124.4	161.6	197.0	233.0	268.3	301.3
32.5°	0.0	14.8	37.8	64.1	94.5	130.1	168.5	204.8	242.2	277.6	312.2
30°	0.0	15.2	39.1	66.3	98.2	135.5	174.7	212.2	250.8	286.2	322.1
27.5°	0.0	15.6	40.3	68.3	101.8	140.5	180.5	219.1	258.3	294.2	331.0
25°	0.0	16.0	41.5	70.2	105.2	145.1	185.9	225.5	264.9	301.6	339.0
22.5°	0.0	16.3	42.5	71.9	108.3	149.4	190.8	231.2	270.8	308.2	346.0
20°	0.0	16.5	43.4	73.4	111.1	153.2	195.2	236.4	276.2	314.0	352.2
17.5°	0.0	16.8	44.3	74.8	113.7	156.6	199.1	240.9	281.0	319.0	357.7
15°	0.0	17.0	45.0	76.0	116.0	159.5	202.4	244.9	285.1	323.1	362.3
12.5°	0.0	17.2	45.6	77.0	118.0	162.0	205.2	248.2	288.7	326.5	366.2
10°	0.0	17.3	46.1	77.8	119.7	164.0	207.5	250.9	291.6	330.0	369.4
7.5°	0.0	17.4	46.5	78.5	121.1	165.5	209.3	253.0	293.9	333.0	371.7
5°	0.0	17.5	46.8	78.9	122.2	166.6	210.6	254.5	295.5	335.3	373.1
2.5°	0.0	17.6	46.9	79.2	123.0	167.3	211.3	255.4	296.5	337.0	373.5
0°	0.0	17.6	47.0	79.3	123.4	167.5	211.6	255.7	296.8	338.0	373.2
-2.5°	0.0	17.6	47.0	79.3	123.4	167.5	211.6	255.7	296.8	338.0	373.2
-5°	0.0	17.5	46.8	78.9	122.2	166.6	210.6	254.5	295.5	335.3	373.1
-7.5°	0.0	17.4	46.5	78.5	121.1	165.5	209.3	253.0	293.9	333.0	371.7
-10°	0.0	17.3	46.1	77.8	119.7	164.0	207.5	250.9	291.6	330.0	369.4
-12.5°	0.0	17.2	45.6	77.0	118.0	162.0	205.2	248.2	288.7	326.5	366.2
-15°	0.0	17.0	45.0	76.0	116.0	159.5	202.4	244.9	285.1	323.1	362.3
-17.5°	0.0	16.8	44.3	74.8	113.7	156.6	199.1	240.9	281.0	319.0	357.7
-20°	0.0	16.5	43.4	73.4	111.1	153.2	195.2	236.4	276.2	314.0	352.2



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.3	42.5	71.9	108.3	149.4	190.8	231.2	270.8	308.2	346.0
-25°	0.0	16.0	41.5	70.2	105.2	145.1	185.9	225.5	264.9	301.6	339.0
-27.5°	0.0	15.6	40.3	68.3	101.8	140.5	180.5	219.1	258.3	294.2	331.0
-30°	0.0	15.2	39.1	66.3	98.2	135.5	174.7	212.2	250.8	286.2	322.1
-32.5°	0.0	14.8	37.8	64.1	94.5	130.1	168.5	204.8	242.2	277.6	312.2
-35°	0.0	14.4	36.3	61.7	90.5	124.4	161.6	197.0	233.0	268.3	301.3
-37.5°	0.0	14.0	34.8	59.2	86.2	118.6	154.3	188.8	223.2	258.6	290.0
-40°	0.0	13.5	33.2	56.5	81.7	113.0	146.7	180.1	212.7	247.2	278.3
-42.5°	0.0	13.0	31.5	53.7	77.4	107.0	138.7	170.9	202.1	234.7	265.9
-45°	0.0	12.4	29.8	50.7	73.4	100.8	130.4	161.3	191.1	221.7	252.7
-47.5°	0.0	11.9	27.9	47.6	69.2	94.3	121.8	151.2	179.8	208.4	237.8
-50°	0.0	11.3	26.0	44.6	64.9	87.5	113.5	140.9	168.1	195.3	222.6
-52.5°	0.0	10.7	24.0	41.6	60.3	80.5	105.1	130.2	156.1	181.7	207.1
-55°	0.0	10.1	21.9	38.5	55.6	74.3	96.4	119.4	143.7	167.8	191.6
-57.5°	0.0	9.5	19.8	35.3	50.7	68.1	87.4	108.9	130.9	153.4	175.6
-60°	0.0	8.8	17.6	32.0	45.7	61.8	78.4	98.2	118.0	138.7	159.3
-62.5°	0.0	8.1	16.2	28.7	41.3	55.3	70.5	87.2	105.4	123.6	142.6
-65°	0.0	7.4	14.9	25.2	36.9	48.5	62.3	76.5	92.7	109.1	125.6
-67.5°	0.0	6.7	13.5	21.8	32.4	42.4	54.0	66.9	79.6	94.5	109.1
-70°	0.0	6.0	12.0	18.3	27.8	36.8	45.4	57.1	68.6	79.6	92.7
-72.5°	0.0	5.3	10.6	15.8	23.1	31.1	38.6	47.2	57.6	67.4	76.7
-75°	0.0	4.6	9.1	13.6	18.5	25.4	31.9	38.9	46.4	55.2	63.4
-77.5°	0.0	3.8	7.6	11.4	15.2	19.6	25.2	31.0	37.0	43.3	50.1
-80°	0.0	3.1	6.1	9.1	12.2	15.2	18.4	23.0	27.7	32.6	37.6
-82.5°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.3	21.8	25.4
-85°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
-87.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.7	7.4
-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°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
85°	16.2	17.6	19.6	21.5	23.2	24.7	26.1	27.3	29.1	30.9	32.7
82.5°	28.6	31.5	34.2	36.7	38.9	40.8	42.8	45.7	49.5	53.0	56.1
80°	41.8	45.4	49.8	54.3	58.8	63.3	67.9	72.5	76.6	80.4	84.5
77.5°	56.1	62.0	68.0	74.1	80.5	87.5	94.3	100.8	106.9	112.8	118.6
75°	71.0	78.4	87.4	96.4	105.1	113.5	121.8	130.2	138.2	145.8	153.1
72.5°	87.2	98.2	108.9	119.4	130.7	141.5	151.6	161.0	170.7	180.6	189.7
70°	105.4	118.0	131.3	144.9	158.2	170.2	182.1	194.3	206.5	216.9	226.0
67.5°	123.7	139.1	154.6	170.1	184.6	198.5	212.8	226.4	238.9	249.8	260.1
65°	142.6	160.0	177.1	193.7	209.9	226.4	242.0	256.6	270.2	282.5	294.1
62.5°	161.3	180.2	198.8	217.3	236.2	254.2	270.5	286.1	301.0	314.1	326.7
60°	179.6	199.9	220.4	241.1	261.7	280.6	298.2	314.3	329.5	344.1	357.1
57.5°	197.5	219.3	241.7	263.9	285.5	306.1	323.8	341.0	356.6	371.4	385.0
55°	215.1	238.2	262.1	285.7	308.2	329.3	348.4	365.6	382.2	395.8	408.8
52.5°	232.4	256.7	281.9	306.4	329.4	351.2	371.1	388.4	403.6	417.5	429.0
50°	249.5	274.9	300.8	325.6	349.3	371.6	391.6	408.4	422.7	435.5	446.3
47.5°	265.5	292.3	318.1	343.9	367.9	389.9	409.6	425.3	439.5	450.9	461.0
45°	280.7	308.6	335.4	360.6	385.0	406.8	425.0	440.8	453.7	465.3	475.5
42.5°	295.2	324.4	351.5	376.6	400.6	421.6	439.4	454.2	467.4	478.7	489.9
40°	309.1	339.7	366.9	391.7	415.2	435.1	451.8	466.8	479.8	492.7	504.8
37.5°	322.6	353.5	381.8	406.9	427.6	447.0	463.5	478.4	493.1	507.2	523.5
35°	335.6	366.9	395.4	420.1	440.5	457.5	474.3	490.6	507.5	525.2	544.4
32.5°	347.6	379.8	408.6	431.4	450.4	467.5	485.0	504.6	524.7	544.9	568.3
30°	358.3	391.4	420.4	441.8	459.4	476.4	497.0	519.4	542.9	566.3	593.6
27.5°	367.6	402.3	429.4	450.0	467.3	483.7	506.6	535.7	561.2	586.1	616.2
25°	376.2	411.1	437.6	456.9	473.2	490.8	514.6	544.5	576.7	603.8	645.8
22.5°	383.7	418.9	445.1	463.2	477.9	496.8	520.9	550.4	583.5	617.7	675.8
20°	390.1	424.8	451.5	468.4	481.4	501.1	524.5	554.6	591.3	640.7	705.0
17.5°	395.7	430.6	456.4	471.9	485.7	504.3	525.6	557.0	599.7	661.4	731.9
15°	400.5	436.3	460.4	474.8	489.0	507.3	530.6	563.2	612.4	680.6	756.6
12.5°	404.5	441.8	463.7	477.1	491.1	509.6	535.8	573.1	627.6	699.6	783.7
10°	407.6	446.8	466.4	479.0	492.3	511.2	540.3	580.8	640.2	717.3	807.9
7.5°	410.4	450.9	468.5	480.4	492.5	512.0	544.0	586.3	649.4	731.9	828.1
5°	412.6	453.4	470.4	481.3	492.3	512.3	546.8	589.8	655.2	742.9	843.2
2.5°	413.9	455.0	472.0	481.8	491.7	512.2	548.9	595.5	662.3	751.2	852.3
0°	414.4	455.5	473.2	482.0	490.8	511.4	549.6	599.5	667.1	755.3	855.2
-2.5°	413.9	455.0	472.0	481.8	491.7	512.2	548.9	595.5	662.3	751.2	852.3
-5°	412.6	453.4	470.4	481.3	492.3	512.3	546.8	589.8	655.2	742.9	843.2
-7.5°	410.4	450.9	468.5	480.4	492.5	512.0	544.0	586.3	649.4	731.9	828.1
-10°	407.6	446.8	466.4	479.0	492.3	511.2	540.3	580.8	640.2	717.3	807.9
-12.5°	404.5	441.8	463.7	477.1	491.1	509.6	535.8	573.1	627.6	699.6	783.7
-15°	400.5	436.3	460.4	474.8	489.0	507.3	530.6	563.2	612.4	680.6	756.6
-17.5°	395.7	430.6	456.4	471.9	485.7	504.3	525.6	557.0	599.7	661.4	731.9
-20°	390.1	424.8	451.5	468.4	481.4	501.1	524.5	554.6	591.3	640.7	705.0



REPORT NUMBER: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	383.7	418.9	445.1	463.2	477.9	496.8	520.9	550.4	583.5	617.7	675.8
-25°	376.2	411.1	437.6	456.9	473.2	490.8	514.6	544.5	576.7	603.8	645.8
-27.5°	367.6	402.3	429.4	450.0	467.3	483.7	506.6	535.7	561.2	586.1	616.2
-30°	358.3	391.4	420.4	441.8	459.4	476.4	497.0	519.4	542.9	566.3	593.6
-32.5°	347.6	379.8	408.6	431.4	450.4	467.5	485.0	504.6	524.7	544.9	568.3
-35°	335.6	366.9	395.4	420.1	440.5	457.5	474.3	490.6	507.5	525.2	544.4
-37.5°	322.6	353.5	381.8	406.9	427.6	447.0	463.5	478.4	493.1	507.2	523.5
-40°	309.1	339.7	366.9	391.7	415.2	435.1	451.8	466.8	479.8	492.7	504.8
-42.5°	295.2	324.4	351.5	376.6	400.6	421.6	439.4	454.2	467.4	478.7	489.9
-45°	280.7	308.6	335.4	360.6	385.0	406.8	425.0	440.8	453.7	465.3	475.5
-47.5°	265.5	292.3	318.1	343.9	367.9	389.9	409.6	425.3	439.5	450.9	461.0
-50°	249.5	274.9	300.8	325.6	349.3	371.6	391.6	408.4	422.7	435.5	446.3
-52.5°	232.4	256.7	281.9	306.4	329.4	351.2	371.1	388.4	403.6	417.5	429.0
-55°	215.1	238.2	262.1	285.7	308.2	329.3	348.4	365.6	382.2	395.8	408.8
-57.5°	197.5	219.3	241.7	263.9	285.5	306.1	323.8	341.0	356.6	371.4	385.0
-60°	179.6	199.9	220.4	241.1	261.7	280.6	298.2	314.3	329.5	344.1	357.1
-62.5°	161.3	180.2	198.8	217.3	236.2	254.2	270.5	286.1	301.0	314.1	326.7
-65°	142.6	160.0	177.1	193.7	209.9	226.4	242.0	256.6	270.2	282.5	294.1
-67.5°	123.7	139.1	154.6	170.1	184.6	198.5	212.8	226.4	238.9	249.8	260.1
-70°	105.4	118.0	131.3	144.9	158.2	170.2	182.1	194.3	206.5	216.9	226.0
-72.5°	87.2	98.2	108.9	119.4	130.7	141.5	151.6	161.0	170.7	180.6	189.7
-75°	71.0	78.4	87.4	96.4	105.1	113.5	121.8	130.2	138.2	145.8	153.1
-77.5°	56.1	62.0	68.0	74.1	80.5	87.5	94.3	100.8	106.9	112.8	118.6
-80°	41.8	45.4	49.8	54.3	58.8	63.3	67.9	72.5	76.6	80.4	84.5
-82.5°	28.6	31.5	34.2	36.7	38.9	40.8	42.8	45.7	49.5	53.0	56.1
-85°	16.2	17.6	19.6	21.5	23.2	24.7	26.1	27.3	29.1	30.9	32.7
-87.5°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
-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: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-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°	14.4	14.2	14.0	13.7	13.3	14.2	15.2	16.1	17.0	17.2	17.3
85°	34.5	35.6	36.6	37.6	38.6	39.7	40.7	41.6	42.3	43.5	44.7
82.5°	58.8	61.2	63.4	65.4	67.3	69.5	71.7	73.7	75.6	76.8	77.8
80°	88.4	92.4	96.1	99.3	102.1	105.6	108.9	112.0	114.8	116.6	118.0
77.5°	124.2	129.2	133.8	138.2	142.3	146.3	149.7	152.4	154.6	157.2	159.7
75°	160.0	166.6	172.9	178.5	183.5	187.9	191.9	195.6	198.9	201.9	204.4
72.5°	198.0	205.5	212.2	218.4	224.2	229.9	235.3	240.0	244.1	247.7	250.5
70°	234.5	242.7	250.8	258.5	265.5	271.9	277.7	282.8	287.3	291.1	294.2
67.5°	269.9	279.2	288.4	297.0	304.7	311.5	317.9	323.9	329.4	333.6	336.4
65°	305.0	315.3	325.2	334.1	341.9	348.9	356.3	362.6	368.0	372.0	374.7
62.5°	339.1	350.2	359.8	369.0	377.8	385.3	391.5	397.3	402.7	407.1	409.8
60°	369.4	381.1	390.5	399.2	407.2	414.5	420.7	426.8	432.5	437.6	441.4
57.5°	396.4	407.2	416.8	424.6	431.7	438.3	444.3	449.4	453.4	456.4	459.1
55°	419.9	429.5	438.5	446.1	452.4	457.7	462.2	465.8	468.5	470.6	472.1
52.5°	439.9	448.8	457.7	465.1	469.9	474.3	478.1	482.5	484.9	485.3	485.1
50°	455.9	465.4	473.4	480.1	486.6	494.0	501.8	505.6	507.1	506.1	504.8
47.5°	470.7	479.9	488.6	496.9	506.5	518.9	531.4	537.4	536.9	534.3	533.0
45°	485.2	495.2	505.4	518.1	531.6	547.6	562.3	571.6	571.6	571.9	574.1
42.5°	500.2	512.7	526.7	544.0	561.6	579.6	595.3	606.8	615.3	625.7	634.4
40°	518.8	532.8	553.7	575.1	598.0	617.3	641.5	662.3	679.3	694.9	706.7
37.5°	540.7	560.7	587.2	614.7	644.4	674.3	702.6	729.0	751.5	777.3	796.5
35°	566.8	595.3	627.6	662.0	699.0	736.9	773.3	815.5	852.5	885.6	912.6
32.5°	597.4	631.8	671.4	717.0	763.2	813.3	865.7	919.9	972.0	1026.4	1080.6
30°	628.0	673.5	724.0	779.4	833.7	899.2	967.4	1055.9	1148.7	1254.6	1417.2
27.5°	665.4	719.8	778.5	842.2	916.9	1000.6	1132.1	1295.8	1575.1	1783.8	2344.4
25°	702.0	764.0	839.5	922.2	1022.4	1175.6	1489.9	1853.5	2663.4	3421.6	4297.5
22.5°	739.1	816.4	906.8	1007.6	1181.9	1576.2	2174.9	3271.4	4522.4	5850.2	7202.7
20°	776.4	867.5	980.7	1149.1	1513.9	2188.5	3532.5	5294.3	7071.9	9243.5	11121.4
17.5°	818.5	931.4	1079.4	1332.7	1933.7	3379.2	5367.1	7811.8	10562.6	13354.4	15698.5
15°	853.3	985.5	1183.7	1678.8	2813.4	4731.2	7332.5	10646.5	14397.4	17926.7	20937.3
12.5°	891.7	1045.5	1306.3	1959.5	3625.1	6146.5	9574.7	13652.8	18152.5	22988.6	30645.7
10°	927.1	1105.9	1511.7	2542.5	4560.7	7576.5	11582.6	16177.6	21634.7	31317.3	49417.6
7.5°	956.9	1153.8	1666.2	2976.9	5407.6	8925.7	13219.5	18336.5	26541.0	42808.3	73266.9
5°	977.2	1185.6	1773.7	3302.1	6082.1	9921.0	14266.0	19758.2	31546.7	56854.7	93529.8
2.5°	991.4	1202.8	1831.0	3491.6	6508.9	10579.9	15007.4	20714.8	34907.3	64979.5	107948.9
0°	1002.1	1207.9	1842.7	3655.9	6653.5	10803.2	15043.9	20971.6	36059.6	68151.8	113086.7
-2.5°	991.4	1202.8	1831.0	3491.6	6508.9	10579.9	15007.4	20714.8	34907.3	64979.5	107948.9
-5°	977.2	1185.6	1773.7	3302.1	6082.1	9921.0	14266.0	19758.2	31546.7	56854.7	93529.8
-7.5°	956.9	1153.8	1666.2	2976.9	5407.6	8925.7	13219.5	18336.5	26541.0	42808.3	73266.9
-10°	927.1	1105.9	1511.7	2542.5	4560.7	7576.5	11582.6	16177.6	21634.7	31317.3	49417.6
-12.5°	891.7	1045.5	1306.3	1959.5	3625.1	6146.5	9574.7	13652.8	18152.5	22988.6	30645.7
-15°	853.3	985.5	1183.7	1678.8	2813.4	4731.2	7332.5	10646.5	14397.4	17926.7	20937.3
-17.5°	818.5	931.4	1079.4	1332.7	1933.7	3379.2	5367.1	7811.8	10562.6	13354.4	15698.5
-20°	776.4	867.5	980.7	1149.1	1513.9	2188.5	3532.5	5294.3	7071.9	9243.5	11121.4



REPORT NUMBER: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	739.1	816.4	906.8	1007.6	1181.9	1576.2	2174.9	3271.4	4522.4	5850.2	7202.7
-25°	702.0	764.0	839.5	922.2	1022.4	1175.6	1489.9	1853.5	2663.4	3421.6	4297.5
-27.5°	665.4	719.8	778.5	842.2	916.9	1000.6	1132.1	1295.8	1575.1	1783.8	2344.4
-30°	628.0	673.5	724.0	779.4	833.7	899.2	967.4	1055.9	1148.7	1254.6	1417.2
-32.5°	597.4	631.8	671.4	717.0	763.2	813.3	865.7	919.9	972.0	1026.4	1080.6
-35°	566.8	595.3	627.6	662.0	699.0	736.9	773.3	815.5	852.5	885.6	912.6
-37.5°	540.7	560.7	587.2	614.7	644.4	674.3	702.6	729.0	751.5	777.3	796.5
-40°	518.8	532.8	553.7	575.1	598.0	617.3	641.5	662.3	679.3	694.9	706.7
-42.5°	500.2	512.7	526.7	544.0	561.6	579.6	595.3	606.8	615.3	625.7	634.4
-45°	485.2	495.2	505.4	518.1	531.6	547.6	562.3	571.6	571.6	571.9	574.1
-47.5°	470.7	479.9	488.6	496.9	506.5	518.9	531.4	537.4	536.9	534.3	533.0
-50°	455.9	465.4	473.4	480.1	486.6	494.0	501.8	505.6	507.1	506.1	504.8
-52.5°	439.9	448.8	457.7	465.1	469.9	474.3	478.1	482.5	484.9	485.3	485.1
-55°	419.9	429.5	438.5	446.1	452.4	457.7	462.2	465.8	468.5	470.6	472.1
-57.5°	396.4	407.2	416.8	424.6	431.7	438.3	444.3	449.4	453.4	456.4	459.1
-60°	369.4	381.1	390.5	399.2	407.2	414.5	420.7	426.8	432.5	437.6	441.4
-62.5°	339.1	350.2	359.8	369.0	377.8	385.3	391.5	397.3	402.7	407.1	409.8
-65°	305.0	315.3	325.2	334.1	341.9	348.9	356.3	362.6	368.0	372.0	374.7
-67.5°	269.9	279.2	288.4	297.0	304.7	311.5	317.9	323.9	329.4	333.6	336.4
-70°	234.5	242.7	250.8	258.5	265.5	271.9	277.7	282.8	287.3	291.1	294.2
-72.5°	198.0	205.5	212.2	218.4	224.2	229.9	235.3	240.0	244.1	247.7	250.5
-75°	160.0	166.6	172.9	178.5	183.5	187.9	191.9	195.6	198.9	201.9	204.4
-77.5°	124.2	129.2	133.8	138.2	142.3	146.3	149.7	152.4	154.6	157.2	159.7
-80°	88.4	92.4	96.1	99.3	102.1	105.6	108.9	112.0	114.8	116.6	118.0
-82.5°	58.8	61.2	63.4	65.4	67.3	69.5	71.7	73.7	75.6	76.8	77.8
-85°	34.5	35.6	36.6	37.6	38.6	39.7	40.7	41.6	42.3	43.5	44.7
-87.5°	14.4	14.2	14.0	13.7	13.3	14.2	15.2	16.1	17.0	17.2	17.3
-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: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-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°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.0	16.1
85°	45.8	46.8	45.5	44.1	45.5	46.8	45.8	44.7	43.5	42.3	41.6
82.5°	78.4	78.9	79.2	79.3	79.2	78.9	78.4	77.8	76.8	75.6	73.7
80°	119.1	119.9	121.8	123.4	121.8	119.9	119.1	118.0	116.6	114.8	112.0
77.5°	161.9	163.7	164.4	164.6	164.4	163.7	161.9	159.7	157.2	154.6	152.4
75°	206.3	207.7	211.2	214.5	211.2	207.7	206.3	204.4	201.9	198.9	195.6
72.5°	252.8	254.4	256.8	258.6	256.8	254.4	252.8	250.5	247.7	244.1	240.0
70°	296.7	298.4	299.5	299.8	299.5	298.4	296.7	294.2	291.1	287.3	282.8
67.5°	338.4	339.5	339.2	338.0	339.2	339.5	338.4	336.4	333.6	329.4	323.9
65°	376.6	377.7	377.4	376.2	377.4	377.7	376.6	374.7	372.0	368.0	362.6
62.5°	411.8	413.0	414.0	414.4	414.0	413.0	411.8	409.8	407.1	402.7	397.3
60°	444.8	447.6	449.2	449.6	449.2	447.6	444.8	441.4	437.6	432.5	426.8
57.5°	461.3	463.2	464.1	464.3	464.1	463.2	461.3	459.1	456.4	453.4	449.4
55°	472.9	472.9	471.9	470.2	471.9	472.9	472.9	472.1	470.6	468.5	465.8
52.5°	484.2	482.5	481.8	482.0	481.8	482.5	484.2	485.1	485.3	484.9	482.5
50°	503.2	500.5	499.3	499.6	499.3	500.5	503.2	504.8	506.1	507.1	505.6
47.5°	534.8	535.9	537.0	537.8	537.0	535.9	534.8	533.0	534.3	536.9	537.4
45°	580.0	584.1	586.7	587.8	586.7	584.1	580.0	574.1	571.9	571.6	571.6
42.5°	643.2	648.2	650.1	649.5	650.1	648.2	643.2	634.4	625.7	615.3	606.8
40°	719.2	729.0	734.7	734.7	734.7	729.0	719.2	706.7	694.9	679.3	662.3
37.5°	813.8	827.1	833.7	831.7	833.7	827.1	813.8	796.5	777.3	751.5	729.0
35°	933.3	946.3	951.8	958.1	951.8	946.3	933.3	912.6	885.6	852.5	815.5
32.5°	1123.4	1150.1	1160.8	1146.1	1160.8	1150.1	1123.4	1080.6	1026.4	972.0	919.9
30°	1527.2	1624.8	1690.0	1722.2	1690.0	1624.8	1527.2	1417.2	1254.6	1148.7	1055.9
27.5°	2730.2	2985.6	3093.7	3153.4	3093.7	2985.6	2730.2	2344.4	1783.8	1575.1	1295.8
25°	5047.5	5592.6	5906.2	5880.6	5906.2	5592.6	5047.5	4297.5	3421.6	2663.4	1853.5
22.5°	8459.3	9319.1	9834.8	10024.4	9834.8	9319.1	8459.3	7202.7	5850.2	4522.4	3271.4
20°	12689.0	13653.1	14157.3	14232.8	14157.3	13653.1	12689.0	11121.4	9243.5	7071.9	5294.3
17.5°	17543.3	18457.4	18988.6	18982.0	18988.6	18457.4	17543.3	15698.5	13354.4	10562.6	7811.8
15°	25037.5	28575.4	30570.3	30278.9	30570.3	28575.4	25037.5	20937.3	17926.7	14397.4	10646.5
12.5°	41025.8	55156.2	63921.2	66085.8	63921.2	55156.2	41025.8	30645.7	22988.6	18152.5	13652.8
10°	72498.0	93637.9	110520.7	115399.6	110520.7	93637.9	72498.0	49417.6	31317.3	21634.7	16177.6
7.5°	104283.5	129373.3	139698.8	140898.5	139698.8	129373.3	104283.5	73266.9	42808.3	26541.0	18336.5
5°	128275.4	153805.1	156760.1	149337.3	156760.1	153805.1	128275.4	93529.8	56854.7	31546.7	19758.2
2.5°	144112.1	163400.2	166154.7	162159.5	166154.7	163400.2	144112.1	107948.9	64979.5	34907.3	20714.8
0°	147723.9	160848.8	164761.9	165189.5	164761.9	160848.8	147723.9	113086.7	68151.8	36059.6	20971.6
-2.5°	144112.1	163400.2	166154.7	162159.5	166154.7	163400.2	144112.1	107948.9	64979.5	34907.3	20714.8
-5°	128275.4	153805.1	156760.1	149337.3	156760.1	153805.1	128275.4	93529.8	56854.7	31546.7	19758.2
-7.5°	104283.5	129373.3	139698.8	140898.5	139698.8	129373.3	104283.5	73266.9	42808.3	26541.0	18336.5
-10°	72498.0	93637.9	110520.7	115399.6	110520.7	93637.9	72498.0	49417.6	31317.3	21634.7	16177.6
-12.5°	41025.8	55156.2	63921.2	66085.8	63921.2	55156.2	41025.8	30645.7	22988.6	18152.5	13652.8
-15°	25037.5	28575.4	30570.3	30278.9	30570.3	28575.4	25037.5	20937.3	17926.7	14397.4	10646.5
-17.5°	17543.3	18457.4	18988.6	18982.0	18988.6	18457.4	17543.3	15698.5	13354.4	10562.6	7811.8
-20°	12689.0	13653.1	14157.3	14232.8	14157.3	13653.1	12689.0	11121.4	9243.5	7071.9	5294.3



REPORT NUMBER: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8459.3	9319.1	9834.8	10024.4	9834.8	9319.1	8459.3	7202.7	5850.2	4522.4	3271.4
-25°	5047.5	5592.6	5906.2	5880.6	5906.2	5592.6	5047.5	4297.5	3421.6	2663.4	1853.5
-27.5°	2730.2	2985.6	3093.7	3153.4	3093.7	2985.6	2730.2	2344.4	1783.8	1575.1	1295.8
-30°	1527.2	1624.8	1690.0	1722.2	1690.0	1624.8	1527.2	1417.2	1254.6	1148.7	1055.9
-32.5°	1123.4	1150.1	1160.8	1146.1	1160.8	1150.1	1123.4	1080.6	1026.4	972.0	919.9
-35°	933.3	946.3	951.8	958.1	951.8	946.3	933.3	912.6	885.6	852.5	815.5
-37.5°	813.8	827.1	833.7	831.7	833.7	827.1	813.8	796.5	777.3	751.5	729.0
-40°	719.2	729.0	734.7	734.7	734.7	729.0	719.2	706.7	694.9	679.3	662.3
-42.5°	643.2	648.2	650.1	649.5	650.1	648.2	643.2	634.4	625.7	615.3	606.8
-45°	580.0	584.1	586.7	587.8	586.7	584.1	580.0	574.1	571.9	571.6	571.6
-47.5°	534.8	535.9	537.0	537.8	537.0	535.9	534.8	533.0	534.3	536.9	537.4
-50°	503.2	500.5	499.3	499.6	499.3	500.5	503.2	504.8	506.1	507.1	505.6
-52.5°	484.2	482.5	481.8	482.0	481.8	482.5	484.2	485.1	485.3	484.9	482.5
-55°	472.9	472.9	471.9	470.2	471.9	472.9	472.9	472.1	470.6	468.5	465.8
-57.5°	461.3	463.2	464.1	464.3	464.1	463.2	461.3	459.1	456.4	453.4	449.4
-60°	444.8	447.6	449.2	449.6	449.2	447.6	444.8	441.4	437.6	432.5	426.8
-62.5°	411.8	413.0	414.0	414.4	414.0	413.0	411.8	409.8	407.1	402.7	397.3
-65°	376.6	377.7	377.4	376.2	377.4	377.7	376.6	374.7	372.0	368.0	362.6
-67.5°	338.4	339.5	339.2	338.0	339.2	339.5	338.4	336.4	333.6	329.4	323.9
-70°	296.7	298.4	299.5	299.8	299.5	298.4	296.7	294.2	291.1	287.3	282.8
-72.5°	252.8	254.4	256.8	258.6	256.8	254.4	252.8	250.5	247.7	244.1	240.0
-75°	206.3	207.7	211.2	214.5	211.2	207.7	206.3	204.4	201.9	198.9	195.6
-77.5°	161.9	163.7	164.4	164.6	164.4	163.7	161.9	159.7	157.2	154.6	152.4
-80°	119.1	119.9	121.8	123.4	121.8	119.9	119.1	118.0	116.6	114.8	112.0
-82.5°	78.4	78.9	79.2	79.3	79.2	78.9	78.4	77.8	76.8	75.6	73.7
-85°	45.8	46.8	45.5	44.1	45.5	46.8	45.8	44.7	43.5	42.3	41.6
-87.5°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.0	16.1
-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: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-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°	15.2	14.2	13.3	13.7	14.0	14.2	14.4	14.0	13.5	13.0	12.4
85°	40.7	39.7	38.6	37.6	36.6	35.6	34.5	32.7	30.9	29.1	27.3
82.5°	71.7	69.5	67.3	65.4	63.4	61.2	58.8	56.1	53.0	49.5	45.7
80°	108.9	105.6	102.1	99.3	96.1	92.4	88.4	84.5	80.4	76.6	72.5
77.5°	149.7	146.3	142.3	138.2	133.8	129.2	124.2	118.6	112.8	106.9	100.8
75°	191.9	187.9	183.5	178.5	172.9	166.6	160.0	153.1	145.8	138.2	130.2
72.5°	235.3	229.9	224.2	218.4	212.2	205.5	198.0	189.7	180.6	170.7	161.0
70°	277.7	271.9	265.5	258.5	250.8	242.7	234.5	226.0	216.9	206.5	194.3
67.5°	317.9	311.5	304.7	297.0	288.4	279.2	269.9	260.1	249.8	238.9	226.4
65°	356.3	348.9	341.9	334.1	325.2	315.3	305.0	294.1	282.5	270.2	256.6
62.5°	391.5	385.3	377.8	369.0	359.8	350.2	339.1	326.7	314.1	301.0	286.1
60°	420.7	414.5	407.2	399.2	390.5	381.1	369.4	357.1	344.1	329.5	314.3
57.5°	444.3	438.3	431.7	424.6	416.8	407.2	396.4	385.0	371.4	356.6	341.0
55°	462.2	457.7	452.4	446.1	438.5	429.5	419.9	408.8	395.8	382.2	365.6
52.5°	478.1	474.3	469.9	465.1	457.7	448.8	439.9	429.0	417.5	403.6	388.4
50°	501.8	494.0	486.6	480.1	473.4	465.4	455.9	446.3	435.5	422.7	408.4
47.5°	531.4	518.9	506.5	496.9	488.6	479.9	470.7	461.0	450.9	439.5	425.3
45°	562.3	547.6	531.6	518.1	505.4	495.2	485.2	475.5	465.3	453.7	440.8
42.5°	595.3	579.6	561.6	544.0	526.7	512.7	500.2	489.9	478.7	467.4	454.2
40°	641.5	617.3	598.0	575.1	553.7	532.8	518.8	504.8	492.7	479.8	466.8
37.5°	702.6	674.3	644.4	614.7	587.2	560.7	540.7	523.5	507.2	493.1	478.4
35°	773.3	736.9	699.0	662.0	627.6	595.3	566.8	544.4	525.2	507.5	490.6
32.5°	865.7	813.3	763.2	717.0	671.4	631.8	597.4	568.3	544.9	524.7	504.6
30°	967.4	899.2	833.7	779.4	724.0	673.5	628.0	593.6	566.3	542.9	519.4
27.5°	1132.1	1000.6	916.9	842.2	778.5	719.8	665.4	616.2	586.1	561.2	535.7
25°	1489.9	1175.6	1022.4	922.2	839.5	764.0	702.0	645.8	603.8	576.7	544.5
22.5°	2174.9	1576.2	1181.9	1007.6	906.8	816.4	739.1	675.8	617.7	583.5	550.4
20°	3532.5	2188.5	1513.9	1149.1	980.7	867.5	776.4	705.0	640.7	591.3	554.6
17.5°	5367.1	3379.2	1933.7	1332.7	1079.4	931.4	818.5	731.9	661.4	599.7	557.0
15°	7332.5	4731.2	2813.4	1678.8	1183.7	985.5	853.3	756.6	680.6	612.4	563.2
12.5°	9574.7	6146.5	3625.1	1959.5	1306.3	1045.5	891.7	783.7	699.6	627.6	573.1
10°	11582.6	7576.5	4560.7	2542.5	1511.7	1105.9	927.1	807.9	717.3	640.2	580.8
7.5°	13219.5	8925.7	5407.6	2976.9	1666.2	1153.8	956.9	828.1	731.9	649.4	586.3
5°	14266.0	9921.0	6082.1	3302.1	1773.7	1185.6	977.2	843.2	742.9	655.2	589.8
2.5°	15007.4	10579.9	6508.9	3491.6	1831.0	1202.8	991.4	852.3	751.2	662.3	595.5
0°	15043.9	10803.2	6653.5	3655.9	1842.7	1207.9	1002.1	855.2	755.3	667.1	599.5
-2.5°	15007.4	10579.9	6508.9	3491.6	1831.0	1202.8	991.4	852.3	751.2	662.3	595.5
-5°	14266.0	9921.0	6082.1	3302.1	1773.7	1185.6	977.2	843.2	742.9	655.2	589.8
-7.5°	13219.5	8925.7	5407.6	2976.9	1666.2	1153.8	956.9	828.1	731.9	649.4	586.3
-10°	11582.6	7576.5	4560.7	2542.5	1511.7	1105.9	927.1	807.9	717.3	640.2	580.8
-12.5°	9574.7	6146.5	3625.1	1959.5	1306.3	1045.5	891.7	783.7	699.6	627.6	573.1
-15°	7332.5	4731.2	2813.4	1678.8	1183.7	985.5	853.3	756.6	680.6	612.4	563.2
-17.5°	5367.1	3379.2	1933.7	1332.7	1079.4	931.4	818.5	731.9	661.4	599.7	557.0
-20°	3532.5	2188.5	1513.9	1149.1	980.7	867.5	776.4	705.0	640.7	591.3	554.6



REPORT NUMBER: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2174.9	1576.2	1181.9	1007.6	906.8	816.4	739.1	675.8	617.7	583.5	550.4
-25°	1489.9	1175.6	1022.4	922.2	839.5	764.0	702.0	645.8	603.8	576.7	544.5
-27.5°	1132.1	1000.6	916.9	842.2	778.5	719.8	665.4	616.2	586.1	561.2	535.7
-30°	967.4	899.2	833.7	779.4	724.0	673.5	628.0	593.6	566.3	542.9	519.4
-32.5°	865.7	813.3	763.2	717.0	671.4	631.8	597.4	568.3	544.9	524.7	504.6
-35°	773.3	736.9	699.0	662.0	627.6	595.3	566.8	544.4	525.2	507.5	490.6
-37.5°	702.6	674.3	644.4	614.7	587.2	560.7	540.7	523.5	507.2	493.1	478.4
-40°	641.5	617.3	598.0	575.1	553.7	532.8	518.8	504.8	492.7	479.8	466.8
-42.5°	595.3	579.6	561.6	544.0	526.7	512.7	500.2	489.9	478.7	467.4	454.2
-45°	562.3	547.6	531.6	518.1	505.4	495.2	485.2	475.5	465.3	453.7	440.8
-47.5°	531.4	518.9	506.5	496.9	488.6	479.9	470.7	461.0	450.9	439.5	425.3
-50°	501.8	494.0	486.6	480.1	473.4	465.4	455.9	446.3	435.5	422.7	408.4
-52.5°	478.1	474.3	469.9	465.1	457.7	448.8	439.9	429.0	417.5	403.6	388.4
-55°	462.2	457.7	452.4	446.1	438.5	429.5	419.9	408.8	395.8	382.2	365.6
-57.5°	444.3	438.3	431.7	424.6	416.8	407.2	396.4	385.0	371.4	356.6	341.0
-60°	420.7	414.5	407.2	399.2	390.5	381.1	369.4	357.1	344.1	329.5	314.3
-62.5°	391.5	385.3	377.8	369.0	359.8	350.2	339.1	326.7	314.1	301.0	286.1
-65°	356.3	348.9	341.9	334.1	325.2	315.3	305.0	294.1	282.5	270.2	256.6
-67.5°	317.9	311.5	304.7	297.0	288.4	279.2	269.9	260.1	249.8	238.9	226.4
-70°	277.7	271.9	265.5	258.5	250.8	242.7	234.5	226.0	216.9	206.5	194.3
-72.5°	235.3	229.9	224.2	218.4	212.2	205.5	198.0	189.7	180.6	170.7	161.0
-75°	191.9	187.9	183.5	178.5	172.9	166.6	160.0	153.1	145.8	138.2	130.2
-77.5°	149.7	146.3	142.3	138.2	133.8	129.2	124.2	118.6	112.8	106.9	100.8
-80°	108.9	105.6	102.1	99.3	96.1	92.4	88.4	84.5	80.4	76.6	72.5
-82.5°	71.7	69.5	67.3	65.4	63.4	61.2	58.8	56.1	53.0	49.5	45.7
-85°	40.7	39.7	38.6	37.6	36.6	35.6	34.5	32.7	30.9	29.1	27.3
-87.5°	15.2	14.2	13.3	13.7	14.0	14.2	14.4	14.0	13.5	13.0	12.4
-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: P559231 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-927-U-NR-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°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
85°	26.1	24.7	23.2	21.5	19.6	17.6	16.2	14.9	13.5	12.0	10.6
82.5°	42.8	40.8	38.9	36.7	34.2	31.5	28.6	25.4	21.8	18.3	15.8
80°	67.9	63.3	58.8	54.3	49.8	45.4	41.8	37.6	32.6	27.7	23.0
77.5°	94.3	87.5	80.5	74.1	68.0	62.0	56.1	50.1	43.3	37.0	31.0
75°	121.8	113.5	105.1	96.4	87.4	78.4	71.0	63.4	55.2	46.4	38.9
72.5°	151.6	141.5	130.7	119.4	108.9	98.2	87.2	76.7	67.4	57.6	47.2
70°	182.1	170.2	158.2	144.9	131.3	118.0	105.4	92.7	79.6	68.6	57.1
67.5°	212.8	198.5	184.6	170.1	154.6	139.1	123.7	109.1	94.5	79.6	66.9
65°	242.0	226.4	209.9	193.7	177.1	160.0	142.6	125.6	109.1	92.7	76.5
62.5°	270.5	254.2	236.2	217.3	198.8	180.2	161.3	142.6	123.6	105.4	87.2
60°	298.2	280.6	261.7	241.1	220.4	199.9	179.6	159.3	138.7	118.0	98.2
57.5°	323.8	306.1	285.5	263.9	241.7	219.3	197.5	175.6	153.4	130.9	108.9
55°	348.4	329.3	308.2	285.7	262.1	238.2	215.1	191.6	167.8	143.7	119.4
52.5°	371.1	351.2	329.4	306.4	281.9	256.7	232.4	207.1	181.7	156.1	130.2
50°	391.6	371.6	349.3	325.6	300.8	274.9	249.5	222.6	195.3	168.1	140.9
47.5°	409.6	389.9	367.9	343.9	318.1	292.3	265.5	237.8	208.4	179.8	151.2
45°	425.0	406.8	385.0	360.6	335.4	308.6	280.7	252.7	221.7	191.1	161.3
42.5°	439.4	421.6	400.6	376.6	351.5	324.4	295.2	265.9	234.7	202.1	170.9
40°	451.8	435.1	415.2	391.7	366.9	339.7	309.1	278.3	247.2	212.7	180.1
37.5°	463.5	447.0	427.6	406.9	381.8	353.5	322.6	290.0	258.6	223.2	188.8
35°	474.3	457.5	440.5	420.1	395.4	366.9	335.6	301.3	268.3	233.0	197.0
32.5°	485.0	467.5	450.4	431.4	408.6	379.8	347.6	312.2	277.6	242.2	204.8
30°	497.0	476.4	459.4	441.8	420.4	391.4	358.3	322.1	286.2	250.8	212.2
27.5°	506.6	483.7	467.3	450.0	429.4	402.3	367.6	331.0	294.2	258.3	219.1
25°	514.6	490.8	473.2	456.9	437.6	411.1	376.2	339.0	301.6	264.9	225.5
22.5°	520.9	496.8	477.9	463.2	445.1	418.9	383.7	346.0	308.2	270.8	231.2
20°	524.5	501.1	481.4	468.4	451.5	424.8	390.1	352.2	314.0	276.2	236.4
17.5°	525.6	504.3	485.7	471.9	456.4	430.6	395.7	357.7	319.0	281.0	240.9
15°	530.6	507.3	489.0	474.8	460.4	436.3	400.5	362.3	323.1	285.1	244.9
12.5°	535.8	509.6	491.1	477.1	463.7	441.8	404.5	366.2	326.5	288.7	248.2
10°	540.3	511.2	492.3	479.0	466.4	446.8	407.6	369.4	330.0	291.6	250.9
7.5°	544.0	512.0	492.5	480.4	468.5	450.9	410.4	371.7	333.0	293.9	253.0
5°	546.8	512.3	492.3	481.3	470.4	453.4	412.6	373.1	335.3	295.5	254.5
2.5°	548.9	512.2	491.7	481.8	472.0	455.0	413.9	373.5	337.0	296.5	255.4
0°	549.6	511.4	490.8	482.0	473.2	455.5	414.4	373.2	338.0	296.8	255.7
-2.5°	548.9	512.2	491.7	481.8	472.0	455.0	413.9	373.5	337.0	296.5	255.4
-5°	546.8	512.3	492.3	481.3	470.4	453.4	412.6	373.1	335.3	295.5	254.5
-7.5°	544.0	512.0	492.5	480.4	468.5	450.9	410.4	371.7	333.0	293.9	253.0
-10°	540.3	511.2	492.3	479.0	466.4	446.8	407.6	369.4	330.0	291.6	250.9
-12.5°	535.8	509.6	491.1	477.1	463.7	441.8	404.5	366.2	326.5	288.7	248.2
-15°	530.6	507.3	489.0	474.8	460.4	436.3	400.5	362.3	323.1	285.1	244.9
-17.5°	525.6	504.3	485.7	471.9	456.4	430.6	395.7	357.7	319.0	281.0	240.9
-20°	524.5	501.1	481.4	468.4	451.5	424.8	390.1	352.2	314.0	276.2	236.4



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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°	520.9	496.8	477.9	463.2	445.1	418.9	383.7	346.0	308.2	270.8	231.2
-25°	514.6	490.8	473.2	456.9	437.6	411.1	376.2	339.0	301.6	264.9	225.5
-27.5°	506.6	483.7	467.3	450.0	429.4	402.3	367.6	331.0	294.2	258.3	219.1
-30°	497.0	476.4	459.4	441.8	420.4	391.4	358.3	322.1	286.2	250.8	212.2
-32.5°	485.0	467.5	450.4	431.4	408.6	379.8	347.6	312.2	277.6	242.2	204.8
-35°	474.3	457.5	440.5	420.1	395.4	366.9	335.6	301.3	268.3	233.0	197.0
-37.5°	463.5	447.0	427.6	406.9	381.8	353.5	322.6	290.0	258.6	223.2	188.8
-40°	451.8	435.1	415.2	391.7	366.9	339.7	309.1	278.3	247.2	212.7	180.1
-42.5°	439.4	421.6	400.6	376.6	351.5	324.4	295.2	265.9	234.7	202.1	170.9
-45°	425.0	406.8	385.0	360.6	335.4	308.6	280.7	252.7	221.7	191.1	161.3
-47.5°	409.6	389.9	367.9	343.9	318.1	292.3	265.5	237.8	208.4	179.8	151.2
-50°	391.6	371.6	349.3	325.6	300.8	274.9	249.5	222.6	195.3	168.1	140.9
-52.5°	371.1	351.2	329.4	306.4	281.9	256.7	232.4	207.1	181.7	156.1	130.2
-55°	348.4	329.3	308.2	285.7	262.1	238.2	215.1	191.6	167.8	143.7	119.4
-57.5°	323.8	306.1	285.5	263.9	241.7	219.3	197.5	175.6	153.4	130.9	108.9
-60°	298.2	280.6	261.7	241.1	220.4	199.9	179.6	159.3	138.7	118.0	98.2
-62.5°	270.5	254.2	236.2	217.3	198.8	180.2	161.3	142.6	123.6	105.4	87.2
-65°	242.0	226.4	209.9	193.7	177.1	160.0	142.6	125.6	109.1	92.7	76.5
-67.5°	212.8	198.5	184.6	170.1	154.6	139.1	123.7	109.1	94.5	79.6	66.9
-70°	182.1	170.2	158.2	144.9	131.3	118.0	105.4	92.7	79.6	68.6	57.1
-72.5°	151.6	141.5	130.7	119.4	108.9	98.2	87.2	76.7	67.4	57.6	47.2
-75°	121.8	113.5	105.1	96.4	87.4	78.4	71.0	63.4	55.2	46.4	38.9
-77.5°	94.3	87.5	80.5	74.1	68.0	62.0	56.1	50.1	43.3	37.0	31.0
-80°	67.9	63.3	58.8	54.3	49.8	45.4	41.8	37.6	32.6	27.7	23.0
-82.5°	42.8	40.8	38.9	36.7	34.2	31.5	28.6	25.4	21.8	18.3	15.8
-85°	26.1	24.7	23.2	21.5	19.6	17.6	16.2	14.9	13.5	12.0	10.6
-87.5°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
85°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
82.5°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
80°	18.4	15.2	12.2	9.1	6.1	3.1	0.0
77.5°	25.2	19.6	15.2	11.4	7.6	3.8	0.0
75°	31.9	25.4	18.5	13.6	9.1	4.6	0.0
72.5°	38.6	31.1	23.1	15.8	10.6	5.3	0.0
70°	45.4	36.8	27.8	18.3	12.0	6.0	0.0
67.5°	54.0	42.4	32.4	21.8	13.5	6.7	0.0
65°	62.3	48.5	36.9	25.2	14.9	7.4	0.0
62.5°	70.5	55.3	41.3	28.7	16.2	8.1	0.0
60°	78.4	61.8	45.7	32.0	17.6	8.8	0.0
57.5°	87.4	68.1	50.7	35.3	19.8	9.5	0.0
55°	96.4	74.3	55.6	38.5	21.9	10.1	0.0
52.5°	105.1	80.5	60.3	41.6	24.0	10.7	0.0
50°	113.5	87.5	64.9	44.6	26.0	11.3	0.0
47.5°	121.8	94.3	69.2	47.6	27.9	11.9	0.0
45°	130.4	100.8	73.4	50.7	29.8	12.4	0.0
42.5°	138.7	107.0	77.4	53.7	31.5	13.0	0.0
40°	146.7	113.0	81.7	56.5	33.2	13.5	0.0
37.5°	154.3	118.6	86.2	59.2	34.8	14.0	0.0
35°	161.6	124.4	90.5	61.7	36.3	14.4	0.0
32.5°	168.5	130.1	94.5	64.1	37.8	14.8	0.0
30°	174.7	135.5	98.2	66.3	39.1	15.2	0.0
27.5°	180.5	140.5	101.8	68.3	40.3	15.6	0.0
25°	185.9	145.1	105.2	70.2	41.5	16.0	0.0
22.5°	190.8	149.4	108.3	71.9	42.5	16.3	0.0
20°	195.2	153.2	111.1	73.4	43.4	16.5	0.0
17.5°	199.1	156.6	113.7	74.8	44.3	16.8	0.0
15°	202.4	159.5	116.0	76.0	45.0	17.0	0.0
12.5°	205.2	162.0	118.0	77.0	45.6	17.2	0.0
10°	207.5	164.0	119.7	77.8	46.1	17.3	0.0
7.5°	209.3	165.5	121.1	78.5	46.5	17.4	0.0
5°	210.6	166.6	122.2	78.9	46.8	17.5	0.0
2.5°	211.3	167.3	123.0	79.2	46.9	17.6	0.0
0°	211.6	167.5	123.4	79.3	47.0	17.6	0.0
-2.5°	211.3	167.3	123.0	79.2	46.9	17.6	0.0
-5°	210.6	166.6	122.2	78.9	46.8	17.5	0.0
-7.5°	209.3	165.5	121.1	78.5	46.5	17.4	0.0
-10°	207.5	164.0	119.7	77.8	46.1	17.3	0.0
-12.5°	205.2	162.0	118.0	77.0	45.6	17.2	0.0
-15°	202.4	159.5	116.0	76.0	45.0	17.0	0.0
-17.5°	199.1	156.6	113.7	74.8	44.3	16.8	0.0
-20°	195.2	153.2	111.1	73.4	43.4	16.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	190.8	149.4	108.3	71.9	42.5	16.3	0.0
-25°	185.9	145.1	105.2	70.2	41.5	16.0	0.0
-27.5°	180.5	140.5	101.8	68.3	40.3	15.6	0.0
-30°	174.7	135.5	98.2	66.3	39.1	15.2	0.0
-32.5°	168.5	130.1	94.5	64.1	37.8	14.8	0.0
-35°	161.6	124.4	90.5	61.7	36.3	14.4	0.0
-37.5°	154.3	118.6	86.2	59.2	34.8	14.0	0.0
-40°	146.7	113.0	81.7	56.5	33.2	13.5	0.0
-42.5°	138.7	107.0	77.4	53.7	31.5	13.0	0.0
-45°	130.4	100.8	73.4	50.7	29.8	12.4	0.0
-47.5°	121.8	94.3	69.2	47.6	27.9	11.9	0.0
-50°	113.5	87.5	64.9	44.6	26.0	11.3	0.0
-52.5°	105.1	80.5	60.3	41.6	24.0	10.7	0.0
-55°	96.4	74.3	55.6	38.5	21.9	10.1	0.0
-57.5°	87.4	68.1	50.7	35.3	19.8	9.5	0.0
-60°	78.4	61.8	45.7	32.0	17.6	8.8	0.0
-62.5°	70.5	55.3	41.3	28.7	16.2	8.1	0.0
-65°	62.3	48.5	36.9	25.2	14.9	7.4	0.0
-67.5°	54.0	42.4	32.4	21.8	13.5	6.7	0.0
-70°	45.4	36.8	27.8	18.3	12.0	6.0	0.0
-72.5°	38.6	31.1	23.1	15.8	10.6	5.3	0.0
-75°	31.9	25.4	18.5	13.6	9.1	4.6	0.0
-77.5°	25.2	19.6	15.2	11.4	7.6	3.8	0.0
-80°	18.4	15.2	12.2	9.1	6.1	3.1	0.0
-82.5°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
-85°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
-87.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)