

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: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559072 (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-SA5D-927-U-TS-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

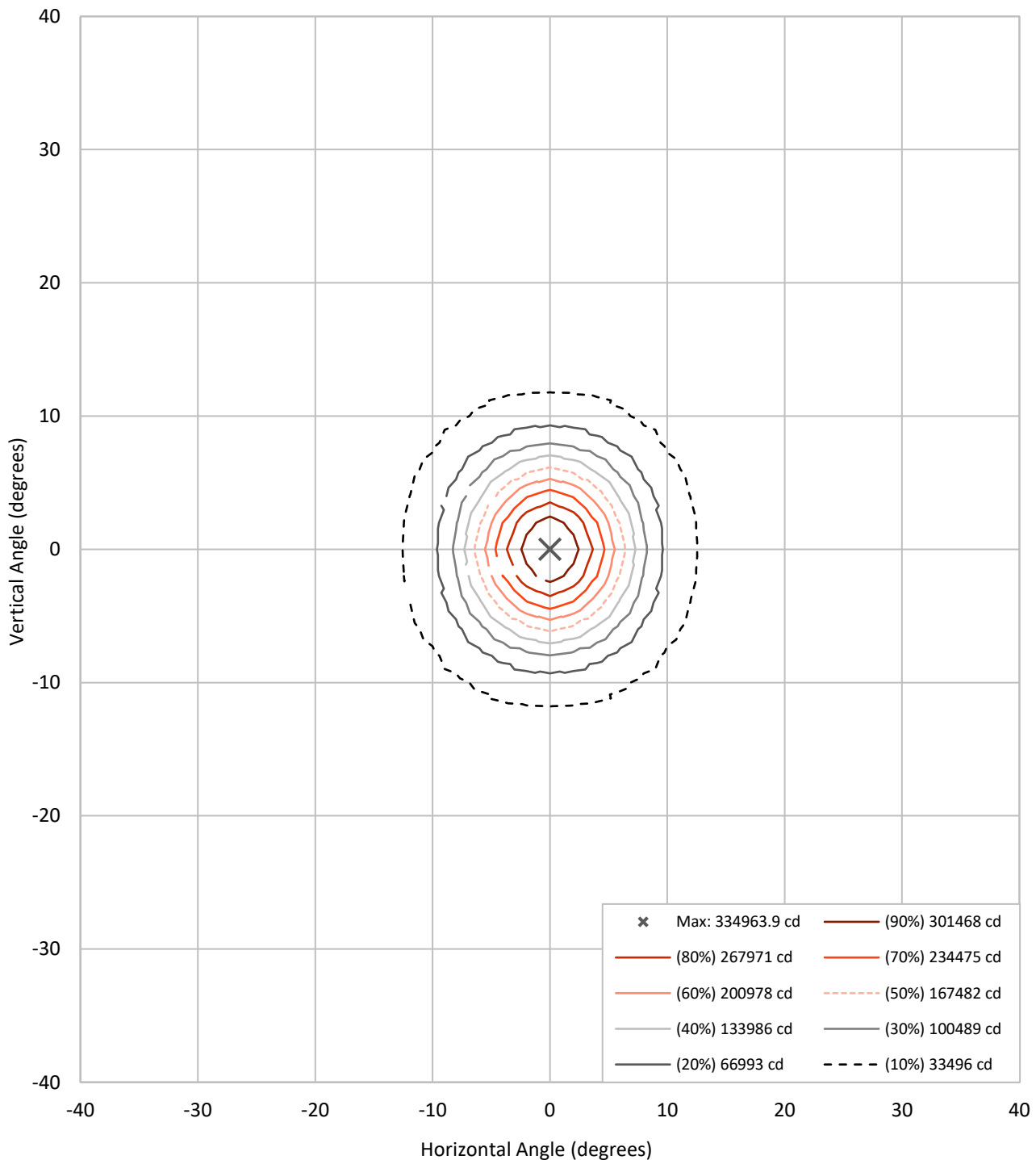
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24280.4 lumens	Max Intensity:	334963.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	7672.2 lumens	Field Lumens:	16996.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 266  
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





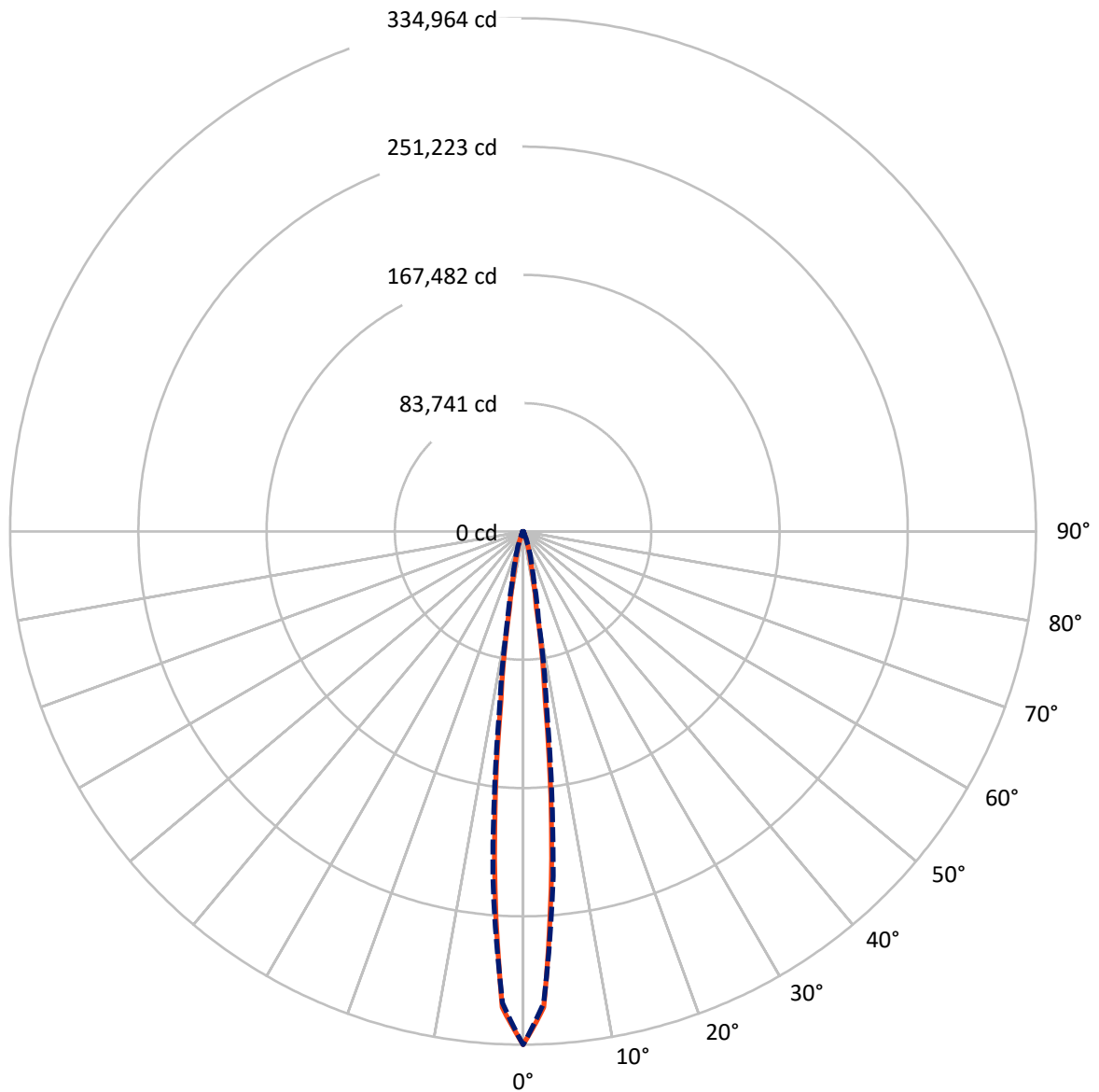
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### Lumen Table

90	0.3	2.8		7.8		12.6		14.5		12.6		7.8		2.8		0.3			
80	0.3	2.8		7.8		12.6		14.5		12.6		7.8		2.8		0.3			
70	1.3	1.5	3.2	5.2	7.1	8.7	10.0	10.6	10.6	10.0	8.7	7.1	5.2	3.2	1.5	1.3			
60		2.3	4.7	7.1	9.2	10.9	11.9	12.3	12.3	11.9	10.9	9.2	7.1	4.7	2.3				
50	2.4	3.1	5.8	8.2	10.3	12.1	13.5	14.2	14.2	13.5	12.1	10.3	8.2	5.8	3.1	2.4			
40		3.6	6.5	9.0	11.5	14.8	18.5	20.9	20.9	18.5	14.8	11.5	9.0	6.5	3.6				
30	3.1	4.0	6.8	9.5	13.5	21.0	46.6	84.7	84.7	46.6	21.0	13.5	9.5	6.8	4.0	3.1			
20		4.2	7.0	10.1	16.0	45.1	254.6	560.1	560.1	254.6	45.1	16.0	10.1	7.0	4.2				
10	3.4	4.3	7.1	10.3	17.8	86.5	611.2	3953.8	3953.8	611.2	86.5	17.8	10.3	7.1	4.3	3.4			
0		4.3	7.1	10.3	17.8	86.5	611.2	3953.8	3953.8	611.2	86.5	17.8	10.3	7.1	4.3				
-10	3.1	4.2	7.0	10.1	16.0	45.1	254.6	560.1	560.1	254.6	45.1	16.0	10.1	7.0	4.2	3.1			
-20		4.0	6.8	9.5	13.5	21.0	46.6	84.7	84.7	46.6	21.0	13.5	9.5	6.8	4.0				
-30	2.4	3.6	6.5	9.0	11.5	14.8	18.5	20.9	20.9	18.5	14.8	11.5	9.0	6.5	3.6	2.4			
-40		3.1	5.8	8.2	10.3	12.1	13.5	14.2	14.2	13.5	12.1	10.3	8.2	5.8	3.1				
-50	1.3	2.3	4.7	7.1	9.2	10.9	11.9	12.3	12.3	11.9	10.9	9.2	7.1	4.7	2.3	1.3			
-60		1.5	3.2	5.2	7.1	8.7	10.0	10.6	10.6	10.0	8.7	7.1	5.2	3.2	1.5				
-70	0.3	2.8		7.8		12.6		14.5		12.6		7.8		2.8		0.3			
-80		2.8		7.8		12.6		14.5		12.6		7.8		2.8					
-90	0.3	2.8		7.8		12.6		14.5		12.6		7.8		2.8		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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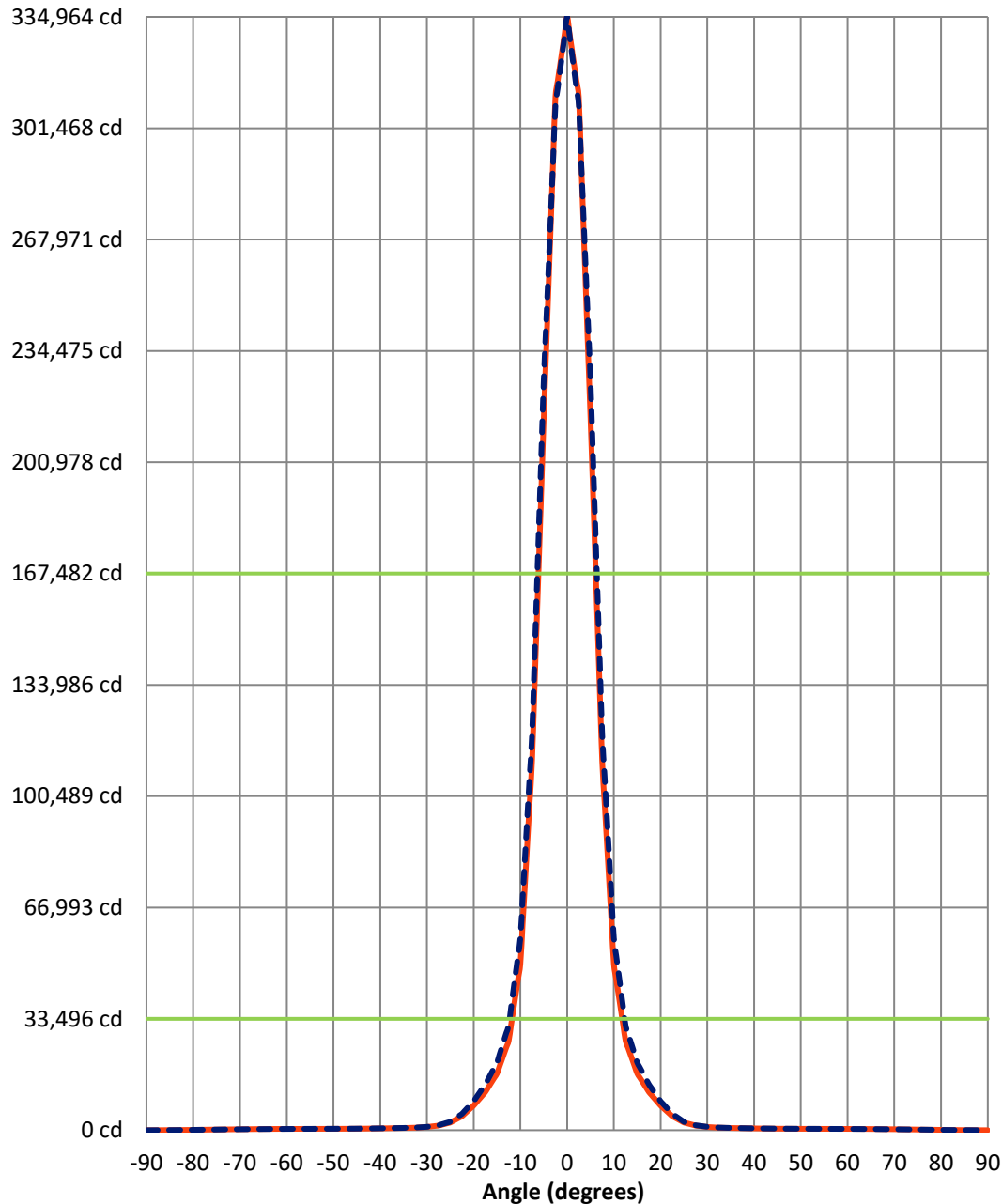
### Luminous Intensity Polar Plot



— 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: 7672.2  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 16996.6  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 7283.8  
 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	0.8	1.6	2.3	2.9	3.5	4.1	4.7	5.4	6.0	6.7
85°	0.0	1.6	3.1	4.6	5.9	7.1	8.2	9.5	10.8	12.1	13.3
82.5°	0.0	2.3	4.7	6.8	8.8	10.6	12.3	14.2	16.4	19.3	22.4
80°	0.0	3.1	6.2	9.1	11.7	14.1	16.5	20.3	24.3	28.5	32.7
77.5°	0.0	3.9	7.8	11.3	14.6	18.1	22.3	27.1	32.2	37.5	43.2
75°	0.0	4.7	9.3	13.6	17.7	22.9	28.0	33.8	40.2	47.5	54.3
72.5°	0.0	5.4	10.8	15.8	21.4	27.6	33.6	40.9	49.5	57.7	65.4
70°	0.0	6.2	12.3	18.1	25.2	32.2	39.4	49.1	58.7	67.9	80.6
67.5°	0.0	6.9	13.8	20.9	28.9	36.8	46.5	57.2	67.9	81.9	96.4
65°	0.0	7.6	15.2	23.6	32.5	42.0	53.4	65.3	79.8	95.5	112.2
62.5°	0.0	8.3	16.6	26.3	36.1	47.6	60.2	74.6	91.3	109.1	128.6
60°	0.0	9.0	18.0	28.9	39.6	53.0	66.9	84.2	102.5	123.5	144.6
57.5°	0.0	9.7	19.7	31.5	43.7	58.3	74.7	93.6	114.7	137.6	160.8
55°	0.0	10.3	21.3	34.0	47.8	63.4	82.6	102.7	127.0	151.5	176.8
52.5°	0.0	11.0	22.9	36.4	51.7	68.6	90.2	113.1	138.8	165.6	192.4
50°	0.0	11.6	24.4	38.7	55.5	74.8	97.6	123.2	150.5	179.2	207.9
47.5°	0.0	12.2	25.9	41.1	59.2	80.7	104.9	132.9	162.1	192.3	223.0
45°	0.0	12.7	27.3	43.7	62.7	86.4	112.8	142.3	173.4	205.5	237.7
42.5°	0.0	13.3	28.7	46.2	66.0	91.9	120.4	151.5	184.3	218.2	250.2
40°	0.0	13.8	30.0	48.6	69.7	97.1	127.6	160.5	194.8	230.4	262.0
37.5°	0.0	14.3	31.2	50.7	73.6	102.1	134.5	169.1	205.0	241.4	273.1
35°	0.0	14.7	32.4	52.8	77.4	107.2	140.9	177.3	214.6	250.7	283.3
32.5°	0.0	15.2	33.5	54.6	80.9	112.2	147.0	184.9	223.6	259.5	291.9
30°	0.0	15.6	34.5	56.4	84.2	116.8	153.1	192.1	231.9	267.6	300.0
27.5°	0.0	16.0	35.5	58.0	87.2	121.1	158.7	198.8	239.1	275.2	307.4
25°	0.0	16.3	36.4	59.4	89.9	125.1	163.9	204.9	245.2	281.6	314.2
22.5°	0.0	16.6	37.2	60.7	92.5	128.6	168.6	210.4	250.8	287.1	319.4
20°	0.0	16.9	37.9	61.8	94.7	131.9	172.8	215.3	255.7	292.0	324.1
17.5°	0.0	17.2	38.5	62.8	96.8	134.8	176.6	219.6	260.0	296.3	328.2
15°	0.0	17.4	39.1	63.6	98.6	137.3	180.0	223.3	263.8	300.1	331.9
12.5°	0.0	17.6	39.5	64.3	100.1	139.4	182.8	226.4	266.9	303.1	335.0
10°	0.0	17.7	39.9	64.8	101.4	141.2	185.2	228.8	269.4	305.6	337.5
7.5°	0.0	17.8	40.2	65.2	102.4	142.5	187.0	230.6	271.2	307.4	339.2
5°	0.0	17.9	40.4	65.4	103.1	143.5	188.3	231.8	272.4	308.5	340.3
2.5°	0.0	18.0	40.6	65.5	103.6	144.1	189.1	232.3	273.0	309.1	340.7
0°	0.0	18.0	40.6	65.4	103.7	144.3	189.4	232.3	272.9	308.9	340.5
-2.5°	0.0	18.0	40.6	65.5	103.6	144.1	189.1	232.3	273.0	309.1	340.7
-5°	0.0	17.9	40.4	65.4	103.1	143.5	188.3	231.8	272.4	308.5	340.3
-7.5°	0.0	17.8	40.2	65.2	102.4	142.5	187.0	230.6	271.2	307.4	339.2
-10°	0.0	17.7	39.9	64.8	101.4	141.2	185.2	228.8	269.4	305.6	337.5
-12.5°	0.0	17.6	39.5	64.3	100.1	139.4	182.8	226.4	266.9	303.1	335.0
-15°	0.0	17.4	39.1	63.6	98.6	137.3	180.0	223.3	263.8	300.1	331.9
-17.5°	0.0	17.2	38.5	62.8	96.8	134.8	176.6	219.6	260.0	296.3	328.2
-20°	0.0	16.9	37.9	61.8	94.7	131.9	172.8	215.3	255.7	292.0	324.1



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 CATALOG NUMBER: GFLD-SA5D-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	16.6	37.2	60.7	92.5	128.6	168.6	210.4	250.8	287.1	319.4
-25°	0.0	16.3	36.4	59.4	89.9	125.1	163.9	204.9	245.2	281.6	314.2
-27.5°	0.0	16.0	35.5	58.0	87.2	121.1	158.7	198.8	239.1	275.2	307.4
-30°	0.0	15.6	34.5	56.4	84.2	116.8	153.1	192.1	231.9	267.6	300.0
-32.5°	0.0	15.2	33.5	54.6	80.9	112.2	147.0	184.9	223.6	259.5	291.9
-35°	0.0	14.7	32.4	52.8	77.4	107.2	140.9	177.3	214.6	250.7	283.3
-37.5°	0.0	14.3	31.2	50.7	73.6	102.1	134.5	169.1	205.0	241.4	273.1
-40°	0.0	13.8	30.0	48.6	69.7	97.1	127.6	160.5	194.8	230.4	262.0
-42.5°	0.0	13.3	28.7	46.2	66.0	91.9	120.4	151.5	184.3	218.2	250.2
-45°	0.0	12.7	27.3	43.7	62.7	86.4	112.8	142.3	173.4	205.5	237.7
-47.5°	0.0	12.2	25.9	41.1	59.2	80.7	104.9	132.9	162.1	192.3	223.0
-50°	0.0	11.6	24.4	38.7	55.5	74.8	97.6	123.2	150.5	179.2	207.9
-52.5°	0.0	11.0	22.9	36.4	51.7	68.6	90.2	113.1	138.8	165.6	192.4
-55°	0.0	10.3	21.3	34.0	47.8	63.4	82.6	102.7	127.0	151.5	176.8
-57.5°	0.0	9.7	19.7	31.5	43.7	58.3	74.7	93.6	114.7	137.6	160.8
-60°	0.0	9.0	18.0	28.9	39.6	53.0	66.9	84.2	102.5	123.5	144.6
-62.5°	0.0	8.3	16.6	26.3	36.1	47.6	60.2	74.6	91.3	109.1	128.6
-65°	0.0	7.6	15.2	23.6	32.5	42.0	53.4	65.3	79.8	95.5	112.2
-67.5°	0.0	6.9	13.8	20.9	28.9	36.8	46.5	57.2	67.9	81.9	96.4
-70°	0.0	6.2	12.3	18.1	25.2	32.2	39.4	49.1	58.7	67.9	80.6
-72.5°	0.0	5.4	10.8	15.8	21.4	27.6	33.6	40.9	49.5	57.7	65.4
-75°	0.0	4.7	9.3	13.6	17.7	22.9	28.0	33.8	40.2	47.5	54.3
-77.5°	0.0	3.9	7.8	11.3	14.6	18.1	22.3	27.1	32.2	37.5	43.2
-80°	0.0	3.1	6.2	9.1	11.7	14.1	16.5	20.3	24.3	28.5	32.7
-82.5°	0.0	2.3	4.7	6.8	8.8	10.6	12.3	14.2	16.4	19.3	22.4
-85°	0.0	1.6	3.1	4.6	5.9	7.1	8.2	9.5	10.8	12.1	13.3
-87.5°	0.0	0.8	1.6	2.3	2.9	3.5	4.1	4.7	5.4	6.0	6.7
-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):**

	-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°	7.3	7.9	8.5	9.1	9.6	10.2	10.7	11.2	11.6	12.1	12.5
85°	14.6	15.8	17.4	18.8	20.1	21.3	22.3	23.3	24.6	26.0	27.3
82.5°	24.9	27.1	28.9	30.4	32.1	33.6	35.2	37.9	41.3	44.6	47.6
80°	35.8	38.3	41.9	45.9	50.1	54.1	58.0	61.7	65.7	70.1	74.6
77.5°	48.1	53.2	58.8	64.8	70.7	77.4	84.2	91.1	97.4	102.9	107.7
75°	60.8	67.8	77.1	86.5	95.4	104.2	113.2	121.9	129.5	136.6	143.7
72.5°	75.7	87.1	98.2	109.1	120.6	131.6	142.0	151.7	161.4	171.1	180.2
70°	93.6	106.5	120.0	133.6	146.9	159.1	171.2	183.4	195.4	206.3	215.9
67.5°	111.4	126.9	142.4	157.8	172.3	186.3	200.5	214.5	227.9	239.3	249.4
65°	129.8	147.0	164.3	181.0	196.8	213.2	229.2	244.7	257.3	267.8	278.0
62.5°	147.8	167.2	186.0	204.2	222.1	240.0	255.5	269.4	282.5	293.9	304.8
60°	166.1	187.2	207.6	227.6	246.6	263.0	278.8	292.7	305.9	318.4	327.7
57.5°	184.2	206.9	229.0	249.6	267.8	284.7	299.9	314.6	325.9	336.0	346.1
55°	201.9	226.3	249.1	269.4	287.8	304.0	319.3	331.6	343.0	352.4	362.3
52.5°	219.3	244.8	267.3	287.8	305.6	321.6	335.1	347.3	357.8	367.5	375.5
50°	236.3	261.3	284.7	304.0	321.7	336.7	349.4	361.1	371.3	380.2	387.5
47.5°	251.4	277.3	299.3	319.1	335.9	350.2	362.4	373.6	383.7	391.5	398.8
45°	265.5	291.0	313.4	332.3	348.7	362.1	374.0	385.5	394.0	401.7	407.3
42.5°	279.0	303.7	325.5	345.1	359.5	372.6	384.6	394.6	403.3	410.1	416.1
40°	290.5	315.9	336.9	354.6	369.5	381.8	393.0	403.0	411.6	418.2	424.7
37.5°	301.3	325.9	347.1	363.7	377.5	389.8	400.8	410.2	418.6	425.6	434.5
35°	311.8	335.4	355.1	371.2	384.7	396.8	407.3	416.9	425.2	434.9	445.1
32.5°	320.6	344.3	362.6	377.3	390.6	403.0	413.5	423.1	432.8	443.8	456.4
30°	328.1	351.0	369.1	382.8	396.2	407.8	419.1	429.5	440.2	453.2	469.7
27.5°	334.9	357.0	373.8	387.6	401.0	412.0	423.8	435.6	448.1	463.3	484.1
25°	341.3	362.5	377.9	392.0	404.5	415.8	428.1	440.3	455.7	475.9	503.1
22.5°	346.5	367.7	381.5	395.9	407.4	419.4	431.9	445.6	463.0	487.5	523.1
20°	350.7	370.7	384.7	398.9	409.8	422.5	435.4	450.2	471.1	502.9	544.1
17.5°	354.5	373.3	387.3	400.7	412.2	425.2	438.4	453.9	477.7	517.3	563.4
15°	357.8	375.5	389.4	402.1	414.2	427.2	441.1	458.8	486.5	531.2	580.9
12.5°	360.7	377.2	391.0	403.3	415.8	428.6	443.4	462.9	495.9	544.2	598.2
10°	363.1	378.5	392.1	404.0	417.0	429.4	445.1	465.6	502.5	551.5	608.5
7.5°	364.6	379.5	392.9	404.5	417.7	429.6	446.4	467.0	506.7	555.4	614.1
5°	365.4	380.4	393.9	405.2	418.5	430.2	447.5	467.2	508.4	556.1	616.2
2.5°	365.6	380.9	394.4	405.7	419.2	431.8	449.6	469.7	509.9	558.9	617.6
0°	365.3	381.1	394.6	405.9	419.4	433.0	451.0	471.3	509.6	561.5	617.9
-2.5°	365.6	380.9	394.4	405.7	419.2	431.8	449.6	469.7	509.9	558.9	617.6
-5°	365.4	380.4	393.9	405.2	418.5	430.2	447.5	467.2	508.4	556.1	616.2
-7.5°	364.6	379.5	392.9	404.5	417.7	429.6	446.4	467.0	506.7	555.4	614.1
-10°	363.1	378.5	392.1	404.0	417.0	429.4	445.1	465.6	502.5	551.5	608.5
-12.5°	360.7	377.2	391.0	403.3	415.8	428.6	443.4	462.9	495.9	544.2	598.2
-15°	357.8	375.5	389.4	402.1	414.2	427.2	441.1	458.8	486.5	531.2	580.9
-17.5°	354.5	373.3	387.3	400.7	412.2	425.2	438.4	453.9	477.7	517.3	563.4
-20°	350.7	370.7	384.7	398.9	409.8	422.5	435.4	450.2	471.1	502.9	544.1



REPORT NUMBER: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	346.5	367.7	381.5	395.9	407.4	419.4	431.9	445.6	463.0	487.5	523.1
-25°	341.3	362.5	377.9	392.0	404.5	415.8	428.1	440.3	455.7	475.9	503.1
-27.5°	334.9	357.0	373.8	387.6	401.0	412.0	423.8	435.6	448.1	463.3	484.1
-30°	328.1	351.0	369.1	382.8	396.2	407.8	419.1	429.5	440.2	453.2	469.7
-32.5°	320.6	344.3	362.6	377.3	390.6	403.0	413.5	423.1	432.8	443.8	456.4
-35°	311.8	335.4	355.1	371.2	384.7	396.8	407.3	416.9	425.2	434.9	445.1
-37.5°	301.3	325.9	347.1	363.7	377.5	389.8	400.8	410.2	418.6	425.6	434.5
-40°	290.5	315.9	336.9	354.6	369.5	381.8	393.0	403.0	411.6	418.2	424.7
-42.5°	279.0	303.7	325.5	345.1	359.5	372.6	384.6	394.6	403.3	410.1	416.1
-45°	265.5	291.0	313.4	332.3	348.7	362.1	374.0	385.5	394.0	401.7	407.3
-47.5°	251.4	277.3	299.3	319.1	335.9	350.2	362.4	373.6	383.7	391.5	398.8
-50°	236.3	261.3	284.7	304.0	321.7	336.7	349.4	361.1	371.3	380.2	387.5
-52.5°	219.3	244.8	267.3	287.8	305.6	321.6	335.1	347.3	357.8	367.5	375.5
-55°	201.9	226.3	249.1	269.4	287.8	304.0	319.3	331.6	343.0	352.4	362.3
-57.5°	184.2	206.9	229.0	249.6	267.8	284.7	299.9	314.6	325.9	336.0	346.1
-60°	166.1	187.2	207.6	227.6	246.6	263.0	278.8	292.7	305.9	318.4	327.7
-62.5°	147.8	167.2	186.0	204.2	222.1	240.0	255.5	269.4	282.5	293.9	304.8
-65°	129.8	147.0	164.3	181.0	196.8	213.2	229.2	244.7	257.3	267.8	278.0
-67.5°	111.4	126.9	142.4	157.8	172.3	186.3	200.5	214.5	227.9	239.3	249.4
-70°	93.6	106.5	120.0	133.6	146.9	159.1	171.2	183.4	195.4	206.3	215.9
-72.5°	75.7	87.1	98.2	109.1	120.6	131.6	142.0	151.7	161.4	171.1	180.2
-75°	60.8	67.8	77.1	86.5	95.4	104.2	113.2	121.9	129.5	136.6	143.7
-77.5°	48.1	53.2	58.8	64.8	70.7	77.4	84.2	91.1	97.4	102.9	107.7
-80°	35.8	38.3	41.9	45.9	50.1	54.1	58.0	61.7	65.7	70.1	74.6
-82.5°	24.9	27.1	28.9	30.4	32.1	33.6	35.2	37.9	41.3	44.6	47.6
-85°	14.6	15.8	17.4	18.8	20.1	21.3	22.3	23.3	24.6	26.0	27.3
-87.5°	7.3	7.9	8.5	9.1	9.6	10.2	10.7	11.2	11.6	12.1	12.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	12.9	12.8	12.7	12.5	12.2	12.5	12.7	12.9	13.0	13.2	13.3
85°	28.7	29.9	31.1	32.4	33.6	34.5	35.3	36.0	36.6	37.1	37.5
82.5°	50.4	53.0	55.3	57.4	59.3	60.9	62.3	63.5	64.6	65.5	66.3
80°	78.7	82.6	86.3	89.7	92.8	95.4	97.5	99.3	100.8	102.3	103.6
77.5°	112.5	117.9	123.1	127.8	131.9	135.4	138.5	141.1	143.4	146.1	148.6
75°	150.7	157.3	163.2	168.7	173.7	178.2	182.2	185.7	188.6	191.6	194.1
72.5°	188.9	196.8	203.7	209.5	214.9	220.0	225.0	229.7	234.1	237.3	239.7
70°	224.9	233.0	240.4	247.1	253.2	259.7	266.2	272.2	277.8	281.3	283.3
67.5°	257.9	266.2	274.5	282.8	290.2	297.0	303.5	309.5	314.8	318.5	320.7
65°	287.7	296.8	305.9	314.4	322.2	327.9	333.9	339.5	344.8	349.0	352.1
62.5°	315.6	324.6	332.2	339.4	346.1	351.8	357.6	362.8	367.4	371.4	375.1
60°	336.9	346.1	353.5	360.1	366.3	372.1	376.7	380.5	383.6	386.1	388.5
57.5°	355.2	363.9	371.4	376.9	382.4	387.9	391.8	394.2	396.1	397.5	398.5
55°	370.9	377.9	384.2	390.3	395.7	400.4	403.9	405.5	406.5	407.0	407.6
52.5°	383.5	390.4	396.8	402.6	406.9	410.8	414.3	415.2	415.7	415.9	416.0
50°	395.1	401.8	406.9	411.8	416.1	419.7	422.7	424.0	424.8	425.0	424.5
47.5°	404.4	410.2	415.8	420.8	425.2	429.4	432.8	434.7	436.1	436.7	436.6
45°	412.6	419.3	425.3	431.2	436.4	441.8	446.4	449.5	452.7	454.8	455.9
42.5°	422.3	429.1	435.8	443.8	451.2	458.2	465.9	472.6	479.7	487.1	492.2
40°	432.2	439.5	449.7	459.4	470.3	480.2	496.3	512.4	524.7	535.1	544.5
37.5°	443.4	454.1	466.4	478.9	496.7	515.1	535.4	555.4	572.8	588.5	601.2
35°	456.4	470.7	485.7	508.0	530.6	553.4	577.7	604.2	626.7	643.2	655.0
32.5°	472.2	490.2	514.3	542.8	570.6	600.1	629.5	659.1	681.2	704.1	727.2
30°	489.7	515.7	546.9	581.5	616.2	651.4	688.4	729.4	768.4	810.4	870.4
27.5°	512.1	543.7	580.4	621.3	663.2	705.2	769.5	840.0	944.5	1028.0	1169.9
25°	536.0	573.0	616.7	664.2	715.3	790.4	908.1	1047.2	1293.7	1484.8	1774.8
22.5°	562.6	606.2	654.5	709.0	791.4	933.2	1134.5	1491.7	1988.7	2479.5	3025.4
20°	588.9	637.1	690.0	772.5	912.4	1136.7	1572.6	2344.9	3207.4	4435.5	5466.2
17.5°	613.8	665.0	732.2	843.7	1053.2	1504.3	2348.7	3671.4	5472.9	7452.5	9103.2
15°	635.7	688.0	778.4	955.1	1309.0	2011.7	3286.6	5537.9	8564.7	11275.0	13692.4
12.5°	654.2	716.2	828.6	1045.0	1531.2	2571.3	4616.3	7813.1	11509.3	15310.3	18369.7
10°	667.6	746.0	895.6	1211.4	1884.1	3237.2	5724.7	9757.1	14207.6	18827.4	24357.8
7.5°	675.8	767.4	946.5	1334.9	2198.9	3978.7	7115.0	11492.8	16603.5	22910.1	31359.8
5°	681.6	781.9	984.1	1427.9	2409.2	4468.9	7992.8	12807.8	18670.8	27789.8	45179.7
2.5°	684.4	788.2	1005.4	1478.9	2505.1	4720.9	8610.6	13560.8	19928.5	31232.1	54753.4
0°	683.3	784.7	1008.0	1490.6	2518.8	4913.6	8713.3	13775.8	20353.6	31540.6	57822.6
-2.5°	684.4	788.2	1005.4	1478.9	2505.1	4720.9	8610.6	13560.8	19928.5	31232.1	54753.4
-5°	681.6	781.9	984.1	1427.9	2409.2	4468.9	7992.8	12807.8	18670.8	27789.8	45179.7
-7.5°	675.8	767.4	946.5	1334.9	2198.9	3978.7	7115.0	11492.8	16603.5	22910.1	31359.8
-10°	667.6	746.0	895.6	1211.4	1884.1	3237.2	5724.7	9757.1	14207.6	18827.4	24357.8
-12.5°	654.2	716.2	828.6	1045.0	1531.2	2571.3	4616.3	7813.1	11509.3	15310.3	18369.7
-15°	635.7	688.0	778.4	955.1	1309.0	2011.7	3286.6	5537.9	8564.7	11275.0	13692.4
-17.5°	613.8	665.0	732.2	843.7	1053.2	1504.3	2348.7	3671.4	5472.9	7452.5	9103.2
-20°	588.9	637.1	690.0	772.5	912.4	1136.7	1572.6	2344.9	3207.4	4435.5	5466.2



REPORT NUMBER: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	562.6	606.2	654.5	709.0	791.4	933.2	1134.5	1491.7	1988.7	2479.5	3025.4
-25°	536.0	573.0	616.7	664.2	715.3	790.4	908.1	1047.2	1293.7	1484.8	1774.8
-27.5°	512.1	543.7	580.4	621.3	663.2	705.2	769.5	840.0	944.5	1028.0	1169.9
-30°	489.7	515.7	546.9	581.5	616.2	651.4	688.4	729.4	768.4	810.4	870.4
-32.5°	472.2	490.2	514.3	542.8	570.6	600.1	629.5	659.1	681.2	704.1	727.2
-35°	456.4	470.7	485.7	508.0	530.6	553.4	577.7	604.2	626.7	643.2	655.0
-37.5°	443.4	454.1	466.4	478.9	496.7	515.1	535.4	555.4	572.8	588.5	601.2
-40°	432.2	439.5	449.7	459.4	470.3	480.2	496.3	512.4	524.7	535.1	544.5
-42.5°	422.3	429.1	435.8	443.8	451.2	458.2	465.9	472.6	479.7	487.1	492.2
-45°	412.6	419.3	425.3	431.2	436.4	441.8	446.4	449.5	452.7	454.8	455.9
-47.5°	404.4	410.2	415.8	420.8	425.2	429.4	432.8	434.7	436.1	436.7	436.6
-50°	395.1	401.8	406.9	411.8	416.1	419.7	422.7	424.0	424.8	425.0	424.5
-52.5°	383.5	390.4	396.8	402.6	406.9	410.8	414.3	415.2	415.7	415.9	416.0
-55°	370.9	377.9	384.2	390.3	395.7	400.4	403.9	405.5	406.5	407.0	407.6
-57.5°	355.2	363.9	371.4	376.9	382.4	387.9	391.8	394.2	396.1	397.5	398.5
-60°	336.9	346.1	353.5	360.1	366.3	372.1	376.7	380.5	383.6	386.1	388.5
-62.5°	315.6	324.6	332.2	339.4	346.1	351.8	357.6	362.8	367.4	371.4	375.1
-65°	287.7	296.8	305.9	314.4	322.2	327.9	333.9	339.5	344.8	349.0	352.1
-67.5°	257.9	266.2	274.5	282.8	290.2	297.0	303.5	309.5	314.8	318.5	320.7
-70°	224.9	233.0	240.4	247.1	253.2	259.7	266.2	272.2	277.8	281.3	283.3
-72.5°	188.9	196.8	203.7	209.5	214.9	220.0	225.0	229.7	234.1	237.3	239.7
-75°	150.7	157.3	163.2	168.7	173.7	178.2	182.2	185.7	188.6	191.6	194.1
-77.5°	112.5	117.9	123.1	127.8	131.9	135.4	138.5	141.1	143.4	146.1	148.6
-80°	78.7	82.6	86.3	89.7	92.8	95.4	97.5	99.3	100.8	102.3	103.6
-82.5°	50.4	53.0	55.3	57.4	59.3	60.9	62.3	63.5	64.6	65.5	66.3
-85°	28.7	29.9	31.1	32.4	33.6	34.5	35.3	36.0	36.6	37.1	37.5
-87.5°	12.9	12.8	12.7	12.5	12.2	12.5	12.7	12.9	13.0	13.2	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: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.0	12.9
85°	37.9	38.1	38.3	38.3	38.3	38.1	37.9	37.5	37.1	36.6	36.0
82.5°	66.8	67.3	67.5	67.6	67.5	67.3	66.8	66.3	65.5	64.6	63.5
80°	104.7	105.4	105.9	106.0	105.9	105.4	104.7	103.6	102.3	100.8	99.3
77.5°	150.7	152.4	153.1	153.3	153.1	152.4	150.7	148.6	146.1	143.4	141.1
75°	196.0	197.3	198.1	198.4	198.1	197.3	196.0	194.1	191.6	188.6	185.7
72.5°	241.3	242.3	244.3	245.8	244.3	242.3	241.3	239.7	237.3	234.1	229.7
70°	284.6	285.2	287.1	288.6	287.1	285.2	284.6	283.3	281.3	277.8	272.2
67.5°	322.4	323.4	323.4	322.5	323.4	323.4	322.4	320.7	318.5	314.8	309.5
65°	354.8	357.0	357.2	356.3	357.2	357.0	354.8	352.1	349.0	344.8	339.5
62.5°	378.6	381.8	383.0	383.3	383.0	381.8	378.6	375.1	371.4	367.4	362.8
60°	390.4	391.7	392.3	392.4	392.3	391.7	390.4	388.5	386.1	383.6	380.5
57.5°	398.9	398.9	399.0	399.1	399.0	398.9	398.9	398.5	397.5	396.1	394.2
55°	407.9	407.9	407.2	405.9	407.2	407.9	407.9	407.6	407.0	406.5	405.5
52.5°	415.7	415.0	414.0	412.7	414.0	415.0	415.7	416.0	415.9	415.7	415.2
50°	423.6	422.2	421.6	421.7	421.6	422.2	423.6	424.5	425.0	424.8	424.0
47.5°	436.3	435.3	434.9	435.2	434.9	435.3	436.3	436.6	436.7	436.1	434.7
45°	456.3	455.5	455.1	455.5	455.1	455.5	456.3	455.9	454.8	452.7	449.5
42.5°	495.0	495.4	495.1	496.1	495.1	495.4	495.0	492.2	487.1	479.7	472.6
40°	548.3	548.0	546.2	545.7	546.2	548.0	548.3	544.5	535.1	524.7	512.4
37.5°	606.4	606.4	604.5	604.3	604.5	606.4	606.4	601.2	588.5	572.8	555.4
35°	661.2	663.2	662.8	660.7	662.8	663.2	661.2	655.0	643.2	626.7	604.2
32.5°	743.6	756.2	762.8	759.9	762.8	756.2	743.6	727.2	704.1	681.2	659.1
30°	908.1	940.5	957.6	965.1	957.6	940.5	908.1	870.4	810.4	768.4	729.4
27.5°	1271.4	1343.0	1375.2	1386.8	1375.2	1343.0	1271.4	1169.9	1028.0	944.5	840.0
25°	2028.1	2190.1	2269.9	2295.6	2269.9	2190.1	2028.1	1774.8	1484.8	1293.7	1047.2
22.5°	3626.6	3938.4	4151.6	4198.8	4151.6	3938.4	3626.6	3025.4	2479.5	1988.7	1491.7
20°	6502.5	7105.4	7432.6	7403.2	7432.6	7105.4	6502.5	5466.2	4435.5	3207.4	2344.9
17.5°	10506.4	11279.6	11647.7	11475.7	11647.7	11279.6	10506.4	9103.2	7452.5	5472.9	3671.4
15°	15402.1	16446.7	16902.3	17043.3	16902.3	16446.7	15402.1	13692.4	11275.0	8564.7	5537.9
12.5°	21423.6	24848.1	26485.8	26924.7	26485.8	24848.1	21423.6	18369.7	15310.3	11509.3	7813.1
10°	30014.5	41526.0	48373.2	50045.1	48373.2	41526.0	30014.5	24357.8	18827.4	14207.6	9757.1
7.5°	49016.3	72408.7	98613.4	111022.5	98613.4	72408.7	49016.3	31359.8	22910.1	16603.5	11492.8
5°	74749.7	129734.2	190406.3	214190.8	190406.3	129734.2	74749.7	45179.7	27789.8	18670.8	12807.8
2.5°	106033.1	195888.7	279722.6	310974.1	279722.6	195888.7	106033.1	54753.4	31232.1	19928.5	13560.8
0°	119249.8	225837.9	308193.7	334963.9	308193.7	225837.9	119249.8	57822.6	31540.6	20353.6	13775.8
-2.5°	106033.1	195888.7	279722.6	310974.1	279722.6	195888.7	106033.1	54753.4	31232.1	19928.5	13560.8
-5°	74749.7	129734.2	190406.3	214190.8	190406.3	129734.2	74749.7	45179.7	27789.8	18670.8	12807.8
-7.5°	49016.3	72408.7	98613.4	111022.5	98613.4	72408.7	49016.3	31359.8	22910.1	16603.5	11492.8
-10°	30014.5	41526.0	48373.2	50045.1	48373.2	41526.0	30014.5	24357.8	18827.4	14207.6	9757.1
-12.5°	21423.6	24848.1	26485.8	26924.7	26485.8	24848.1	21423.6	18369.7	15310.3	11509.3	7813.1
-15°	15402.1	16446.7	16902.3	17043.3	16902.3	16446.7	15402.1	13692.4	11275.0	8564.7	5537.9
-17.5°	10506.4	11279.6	11647.7	11475.7	11647.7	11279.6	10506.4	9103.2	7452.5	5472.9	3671.4
-20°	6502.5	7105.4	7432.6	7403.2	7432.6	7105.4	6502.5	5466.2	4435.5	3207.4	2344.9



REPORT NUMBER: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	3626.6	3938.4	4151.6	4198.8	4151.6	3938.4	3626.6	3025.4	2479.5	1988.7	1491.7
-25°	2028.1	2190.1	2269.9	2295.6	2269.9	2190.1	2028.1	1774.8	1484.8	1293.7	1047.2
-27.5°	1271.4	1343.0	1375.2	1386.8	1375.2	1343.0	1271.4	1169.9	1028.0	944.5	840.0
-30°	908.1	940.5	957.6	965.1	957.6	940.5	908.1	870.4	810.4	768.4	729.4
-32.5°	743.6	756.2	762.8	759.9	762.8	756.2	743.6	727.2	704.1	681.2	659.1
-35°	661.2	663.2	662.8	660.7	662.8	663.2	661.2	655.0	643.2	626.7	604.2
-37.5°	606.4	606.4	604.5	604.3	604.5	606.4	606.4	601.2	588.5	572.8	555.4
-40°	548.3	548.0	546.2	545.7	546.2	548.0	548.3	544.5	535.1	524.7	512.4
-42.5°	495.0	495.4	495.1	496.1	495.1	495.4	495.0	492.2	487.1	479.7	472.6
-45°	456.3	455.5	455.1	455.5	455.1	455.5	456.3	455.9	454.8	452.7	449.5
-47.5°	436.3	435.3	434.9	435.2	434.9	435.3	436.3	436.6	436.7	436.1	434.7
-50°	423.6	422.2	421.6	421.7	421.6	422.2	423.6	424.5	425.0	424.8	424.0
-52.5°	415.7	415.0	414.0	412.7	414.0	415.0	415.7	416.0	415.9	415.7	415.2
-55°	407.9	407.9	407.2	405.9	407.2	407.9	407.9	407.6	407.0	406.5	405.5
-57.5°	398.9	398.9	399.0	399.1	399.0	398.9	398.9	398.5	397.5	396.1	394.2
-60°	390.4	391.7	392.3	392.4	392.3	391.7	390.4	388.5	386.1	383.6	380.5
-62.5°	378.6	381.8	383.0	383.3	383.0	381.8	378.6	375.1	371.4	367.4	362.8
-65°	354.8	357.0	357.2	356.3	357.2	357.0	354.8	352.1	349.0	344.8	339.5
-67.5°	322.4	323.4	323.4	322.5	323.4	323.4	322.4	320.7	318.5	314.8	309.5
-70°	284.6	285.2	287.1	288.6	287.1	285.2	284.6	283.3	281.3	277.8	272.2
-72.5°	241.3	242.3	244.3	245.8	244.3	242.3	241.3	239.7	237.3	234.1	229.7
-75°	196.0	197.3	198.1	198.4	198.1	197.3	196.0	194.1	191.6	188.6	185.7
-77.5°	150.7	152.4	153.1	153.3	153.1	152.4	150.7	148.6	146.1	143.4	141.1
-80°	104.7	105.4	105.9	106.0	105.9	105.4	104.7	103.6	102.3	100.8	99.3
-82.5°	66.8	67.3	67.5	67.6	67.5	67.3	66.8	66.3	65.5	64.6	63.5
-85°	37.9	38.1	38.3	38.3	38.3	38.1	37.9	37.5	37.1	36.6	36.0
-87.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.0	12.9
-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: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	12.7	12.5	12.2	12.5	12.7	12.8	12.9	12.5	12.1	11.6	11.2
85°	35.3	34.5	33.6	32.4	31.1	29.9	28.7	27.3	26.0	24.6	23.3
82.5°	62.3	60.9	59.3	57.4	55.3	53.0	50.4	47.6	44.6	41.3	37.9
80°	97.5	95.4	92.8	89.7	86.3	82.6	78.7	74.6	70.1	65.7	61.7
77.5°	138.5	135.4	131.9	127.8	123.1	117.9	112.5	107.7	102.9	97.4	91.1
75°	182.2	178.2	173.7	168.7	163.2	157.3	150.7	143.7	136.6	129.5	121.9
72.5°	225.0	220.0	214.9	209.5	203.7	196.8	188.9	180.2	171.1	161.4	151.7
70°	266.2	259.7	253.2	247.1	240.4	233.0	224.9	215.9	206.3	195.4	183.4
67.5°	303.5	297.0	290.2	282.8	274.5	266.2	257.9	249.4	239.3	227.9	214.5
65°	333.9	327.9	322.2	314.4	305.9	296.8	287.7	278.0	267.8	257.3	244.7
62.5°	357.6	351.8	346.1	339.4	332.2	324.6	315.6	304.8	293.9	282.5	269.4
60°	376.7	372.1	366.3	360.1	353.5	346.1	336.9	327.7	318.4	305.9	292.7
57.5°	391.8	387.9	382.4	376.9	371.4	363.9	355.2	346.1	336.0	325.9	314.6
55°	403.9	400.4	395.7	390.3	384.2	377.9	370.9	362.3	352.4	343.0	331.6
52.5°	414.3	410.8	406.9	402.6	396.8	390.4	383.5	375.5	367.5	357.8	347.3
50°	422.7	419.7	416.1	411.8	406.9	401.8	395.1	387.5	380.2	371.3	361.1
47.5°	432.8	429.4	425.2	420.8	415.8	410.2	404.4	398.8	391.5	383.7	373.6
45°	446.4	441.8	436.4	431.2	425.3	419.3	412.6	407.3	401.7	394.0	385.5
42.5°	465.9	458.2	451.2	443.8	435.8	429.1	422.3	416.1	410.1	403.3	394.6
40°	496.3	480.2	470.3	459.4	449.7	439.5	432.2	424.7	418.2	411.6	403.0
37.5°	535.4	515.1	496.7	478.9	466.4	454.1	443.4	434.5	425.6	418.6	410.2
35°	577.7	553.4	530.6	508.0	485.7	470.7	456.4	445.1	434.9	425.2	416.9
32.5°	629.5	600.1	570.6	542.8	514.3	490.2	472.2	456.4	443.8	432.8	423.1
30°	688.4	651.4	616.2	581.5	546.9	515.7	489.7	469.7	453.2	440.2	429.5
27.5°	769.5	705.2	663.2	621.3	580.4	543.7	512.1	484.1	463.3	448.1	435.6
25°	908.1	790.4	715.3	664.2	616.7	573.0	536.0	503.1	475.9	455.7	440.3
22.5°	1134.5	933.2	791.4	709.0	654.5	606.2	562.6	523.1	487.5	463.0	445.6
20°	1572.6	1136.7	912.4	772.5	690.0	637.1	588.9	544.1	502.9	471.1	450.2
17.5°	2348.7	1504.3	1053.2	843.7	732.2	665.0	613.8	563.4	517.3	477.7	453.9
15°	3286.6	2011.7	1309.0	955.1	778.4	688.0	635.7	580.9	531.2	486.5	458.8
12.5°	4616.3	2571.3	1531.2	1045.0	828.6	716.2	654.2	598.2	544.2	495.9	462.9
10°	5724.7	3237.2	1884.1	1211.4	895.6	746.0	667.6	608.5	551.5	502.5	465.6
7.5°	7115.0	3978.7	2198.9	1334.9	946.5	767.4	675.8	614.1	555.4	506.7	467.0
5°	7992.8	4468.9	2409.2	1427.9	984.1	781.9	681.6	616.2	556.1	508.4	467.2
2.5°	8610.6	4720.9	2505.1	1478.9	1005.4	788.2	684.4	617.6	558.9	509.9	469.7
0°	8713.3	4913.6	2518.8	1490.6	1008.0	784.7	683.3	617.9	561.5	509.6	471.3
-2.5°	8610.6	4720.9	2505.1	1478.9	1005.4	788.2	684.4	617.6	558.9	509.9	469.7
-5°	7992.8	4468.9	2409.2	1427.9	984.1	781.9	681.6	616.2	556.1	508.4	467.2
-7.5°	7115.0	3978.7	2198.9	1334.9	946.5	767.4	675.8	614.1	555.4	506.7	467.0
-10°	5724.7	3237.2	1884.1	1211.4	895.6	746.0	667.6	608.5	551.5	502.5	465.6
-12.5°	4616.3	2571.3	1531.2	1045.0	828.6	716.2	654.2	598.2	544.2	495.9	462.9
-15°	3286.6	2011.7	1309.0	955.1	778.4	688.0	635.7	580.9	531.2	486.5	458.8
-17.5°	2348.7	1504.3	1053.2	843.7	732.2	665.0	613.8	563.4	517.3	477.7	453.9
-20°	1572.6	1136.7	912.4	772.5	690.0	637.1	588.9	544.1	502.9	471.1	450.2



REPORT NUMBER: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	1134.5	933.2	791.4	709.0	654.5	606.2	562.6	523.1	487.5	463.0	445.6
-25°	908.1	790.4	715.3	664.2	616.7	573.0	536.0	503.1	475.9	455.7	440.3
-27.5°	769.5	705.2	663.2	621.3	580.4	543.7	512.1	484.1	463.3	448.1	435.6
-30°	688.4	651.4	616.2	581.5	546.9	515.7	489.7	469.7	453.2	440.2	429.5
-32.5°	629.5	600.1	570.6	542.8	514.3	490.2	472.2	456.4	443.8	432.8	423.1
-35°	577.7	553.4	530.6	508.0	485.7	470.7	456.4	445.1	434.9	425.2	416.9
-37.5°	535.4	515.1	496.7	478.9	466.4	454.1	443.4	434.5	425.6	418.6	410.2
-40°	496.3	480.2	470.3	459.4	449.7	439.5	432.2	424.7	418.2	411.6	403.0
-42.5°	465.9	458.2	451.2	443.8	435.8	429.1	422.3	416.1	410.1	403.3	394.6
-45°	446.4	441.8	436.4	431.2	425.3	419.3	412.6	407.3	401.7	394.0	385.5
-47.5°	432.8	429.4	425.2	420.8	415.8	410.2	404.4	398.8	391.5	383.7	373.6
-50°	422.7	419.7	416.1	411.8	406.9	401.8	395.1	387.5	380.2	371.3	361.1
-52.5°	414.3	410.8	406.9	402.6	396.8	390.4	383.5	375.5	367.5	357.8	347.3
-55°	403.9	400.4	395.7	390.3	384.2	377.9	370.9	362.3	352.4	343.0	331.6
-57.5°	391.8	387.9	382.4	376.9	371.4	363.9	355.2	346.1	336.0	325.9	314.6
-60°	376.7	372.1	366.3	360.1	353.5	346.1	336.9	327.7	318.4	305.9	292.7
-62.5°	357.6	351.8	346.1	339.4	332.2	324.6	315.6	304.8	293.9	282.5	269.4
-65°	333.9	327.9	322.2	314.4	305.9	296.8	287.7	278.0	267.8	257.3	244.7
-67.5°	303.5	297.0	290.2	282.8	274.5	266.2	257.9	249.4	239.3	227.9	214.5
-70°	266.2	259.7	253.2	247.1	240.4	233.0	224.9	215.9	206.3	195.4	183.4
-72.5°	225.0	220.0	214.9	209.5	203.7	196.8	188.9	180.2	171.1	161.4	151.7
-75°	182.2	178.2	173.7	168.7	163.2	157.3	150.7	143.7	136.6	129.5	121.9
-77.5°	138.5	135.4	131.9	127.8	123.1	117.9	112.5	107.7	102.9	97.4	91.1
-80°	97.5	95.4	92.8	89.7	86.3	82.6	78.7	74.6	70.1	65.7	61.7
-82.5°	62.3	60.9	59.3	57.4	55.3	53.0	50.4	47.6	44.6	41.3	37.9
-85°	35.3	34.5	33.6	32.4	31.1	29.9	28.7	27.3	26.0	24.6	23.3
-87.5°	12.7	12.5	12.2	12.5	12.7	12.8	12.9	12.5	12.1	11.6	11.2
-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: P559072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	10.7	10.2	9.6	9.1	8.5	7.9	7.3	6.7	6.0	5.4	4.7
85°	22.3	21.3	20.1	18.8	17.4	15.8	14.6	13.3	12.1	10.8	9.5
82.5°	35.2	33.6	32.1	30.4	28.9	27.1	24.9	22.4	19.3	16.4	14.2
80°	58.0	54.1	50.1	45.9	41.9	38.3	35.8	32.7	28.5	24.3	20.3
77.5°	84.2	77.4	70.7	64.8	58.8	53.2	48.1	43.2	37.5	32.2	27.1
75°	113.2	104.2	95.4	86.5	77.1	67.8	60.8	54.3	47.5	40.2	33.8
72.5°	142.0	131.6	120.6	109.1	98.2	87.1	75.7	65.4	57.7	49.5	40.9
70°	171.2	159.1	146.9	133.6	120.0	106.5	93.6	80.6	67.9	58.7	49.1
67.5°	200.5	186.3	172.3	157.8	142.4	126.9	111.4	96.4	81.9	67.9	57.2
65°	229.2	213.2	196.8	181.0	164.3	147.0	129.8	112.2	95.5	79.8	65.3
62.5°	255.5	240.0	222.1	204.2	186.0	167.2	147.8	128.6	109.1	91.3	74.6
60°	278.8	263.0	246.6	227.6	207.6	187.2	166.1	144.6	123.5	102.5	84.2
57.5°	299.9	284.7	267.8	249.6	229.0	206.9	184.2	160.8	137.6	114.7	93.6
55°	319.3	304.0	287.8	269.4	249.1	226.3	201.9	176.8	151.5	127.0	102.7
52.5°	335.1	321.6	305.6	287.8	267.3	244.8	219.3	192.4	165.6	138.8	113.1
50°	349.4	336.7	321.7	304.0	284.7	261.3	236.3	207.9	179.2	150.5	123.2
47.5°	362.4	350.2	335.9	319.1	299.3	277.3	251.4	223.0	192.3	162.1	132.9
45°	374.0	362.1	348.7	332.3	313.4	291.0	265.5	237.7	205.5	173.4	142.3
42.5°	384.6	372.6	359.5	345.1	325.5	303.7	279.0	250.2	218.2	184.3	151.5
40°	393.0	381.8	369.5	354.6	336.9	315.9	290.5	262.0	230.4	194.8	160.5
37.5°	400.8	389.8	377.5	363.7	347.1	325.9	301.3	273.1	241.4	205.0	169.1
35°	407.3	396.8	384.7	371.2	355.1	335.4	311.8	283.3	250.7	214.6	177.3
32.5°	413.5	403.0	390.6	377.3	362.6	344.3	320.6	291.9	259.5	223.6	184.9
30°	419.1	407.8	396.2	382.8	369.1	351.0	328.1	300.0	267.6	231.9	192.1
27.5°	423.8	412.0	401.0	387.6	373.8	357.0	334.9	307.4	275.2	239.1	198.8
25°	428.1	415.8	404.5	392.0	377.9	362.5	341.3	314.2	281.6	245.2	204.9
22.5°	431.9	419.4	407.4	395.9	381.5	367.7	346.5	319.4	287.1	250.8	210.4
20°	435.4	422.5	409.8	398.9	384.7	370.7	350.7	324.1	292.0	255.7	215.3
17.5°	438.4	425.2	412.2	400.7	387.3	373.3	354.5	328.2	296.3	260.0	219.6
15°	441.1	427.2	414.2	402.1	389.4	375.5	357.8	331.9	300.1	263.8	223.3
12.5°	443.4	428.6	415.8	403.3	391.0	377.2	360.7	335.0	303.1	266.9	226.4
10°	445.1	429.4	417.0	404.0	392.1	378.5	363.1	337.5	305.6	269.4	228.8
7.5°	446.4	429.6	417.7	404.5	392.9	379.5	364.6	339.2	307.4	271.2	230.6
5°	447.5	430.2	418.5	405.2	393.9	380.4	365.4	340.3	308.5	272.4	231.8
2.5°	449.6	431.8	419.2	405.7	394.4	380.9	365.6	340.7	309.1	273.0	232.3
0°	451.0	433.0	419.4	405.9	394.6	381.1	365.3	340.5	308.9	272.9	232.3
-2.5°	449.6	431.8	419.2	405.7	394.4	380.9	365.6	340.7	309.1	273.0	232.3
-5°	447.5	430.2	418.5	405.2	393.9	380.4	365.4	340.3	308.5	272.4	231.8
-7.5°	446.4	429.6	417.7	404.5	392.9	379.5	364.6	339.2	307.4	271.2	230.6
-10°	445.1	429.4	417.0	404.0	392.1	378.5	363.1	337.5	305.6	269.4	228.8
-12.5°	443.4	428.6	415.8	403.3	391.0	377.2	360.7	335.0	303.1	266.9	226.4
-15°	441.1	427.2	414.2	402.1	389.4	375.5	357.8	331.9	300.1	263.8	223.3
-17.5°	438.4	425.2	412.2	400.7	387.3	373.3	354.5	328.2	296.3	260.0	219.6
-20°	435.4	422.5	409.8	398.9	384.7	370.7	350.7	324.1	292.0	255.7	215.3



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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°	431.9	419.4	407.4	395.9	381.5	367.7	346.5	319.4	287.1	250.8	210.4
-25°	428.1	415.8	404.5	392.0	377.9	362.5	341.3	314.2	281.6	245.2	204.9
-27.5°	423.8	412.0	401.0	387.6	373.8	357.0	334.9	307.4	275.2	239.1	198.8
-30°	419.1	407.8	396.2	382.8	369.1	351.0	328.1	300.0	267.6	231.9	192.1
-32.5°	413.5	403.0	390.6	377.3	362.6	344.3	320.6	291.9	259.5	223.6	184.9
-35°	407.3	396.8	384.7	371.2	355.1	335.4	311.8	283.3	250.7	214.6	177.3
-37.5°	400.8	389.8	377.5	363.7	347.1	325.9	301.3	273.1	241.4	205.0	169.1
-40°	393.0	381.8	369.5	354.6	336.9	315.9	290.5	262.0	230.4	194.8	160.5
-42.5°	384.6	372.6	359.5	345.1	325.5	303.7	279.0	250.2	218.2	184.3	151.5
-45°	374.0	362.1	348.7	332.3	313.4	291.0	265.5	237.7	205.5	173.4	142.3
-47.5°	362.4	350.2	335.9	319.1	299.3	277.3	251.4	223.0	192.3	162.1	132.9
-50°	349.4	336.7	321.7	304.0	284.7	261.3	236.3	207.9	179.2	150.5	123.2
-52.5°	335.1	321.6	305.6	287.8	267.3	244.8	219.3	192.4	165.6	138.8	113.1
-55°	319.3	304.0	287.8	269.4	249.1	226.3	201.9	176.8	151.5	127.0	102.7
-57.5°	299.9	284.7	267.8	249.6	229.0	206.9	184.2	160.8	137.6	114.7	93.6
-60°	278.8	263.0	246.6	227.6	207.6	187.2	166.1	144.6	123.5	102.5	84.2
-62.5°	255.5	240.0	222.1	204.2	186.0	167.2	147.8	128.6	109.1	91.3	74.6
-65°	229.2	213.2	196.8	181.0	164.3	147.0	129.8	112.2	95.5	79.8	65.3
-67.5°	200.5	186.3	172.3	157.8	142.4	126.9	111.4	96.4	81.9	67.9	57.2
-70°	171.2	159.1	146.9	133.6	120.0	106.5	93.6	80.6	67.9	58.7	49.1
-72.5°	142.0	131.6	120.6	109.1	98.2	87.1	75.7	65.4	57.7	49.5	40.9
-75°	113.2	104.2	95.4	86.5	77.1	67.8	60.8	54.3	47.5	40.2	33.8
-77.5°	84.2	77.4	70.7	64.8	58.8	53.2	48.1	43.2	37.5	32.2	27.1
-80°	58.0	54.1	50.1	45.9	41.9	38.3	35.8	32.7	28.5	24.3	20.3
-82.5°	35.2	33.6	32.1	30.4	28.9	27.1	24.9	22.4	19.3	16.4	14.2
-85°	22.3	21.3	20.1	18.8	17.4	15.8	14.6	13.3	12.1	10.8	9.5
-87.5°	10.7	10.2	9.6	9.1	8.5	7.9	7.3	6.7	6.0	5.4	4.7
-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°	4.1	3.5	2.9	2.3	1.6	0.8	0.0
85°	8.2	7.1	5.9	4.6	3.1	1.6	0.0
82.5°	12.3	10.6	8.8	6.8	4.7	2.3	0.0
80°	16.5	14.1	11.7	9.1	6.2	3.1	0.0
77.5°	22.3	18.1	14.6	11.3	7.8	3.9	0.0
75°	28.0	22.9	17.7	13.6	9.3	4.7	0.0
72.5°	33.6	27.6	21.4	15.8	10.8	5.4	0.0
70°	39.4	32.2	25.2	18.1	12.3	6.2	0.0
67.5°	46.5	36.8	28.9	20.9	13.8	6.9	0.0
65°	53.4	42.0	32.5	23.6	15.2	7.6	0.0
62.5°	60.2	47.6	36.1	26.3	16.6	8.3	0.0
60°	66.9	53.0	39.6	28.9	18.0	9.0	0.0
57.5°	74.7	58.3	43.7	31.5	19.7	9.7	0.0
55°	82.6	63.4	47.8	34.0	21.3	10.3	0.0
52.5°	90.2	68.6	51.7	36.4	22.9	11.0	0.0
50°	97.6	74.8	55.5	38.7	24.4	11.6	0.0
47.5°	104.9	80.7	59.2	41.1	25.9	12.2	0.0
45°	112.8	86.4	62.7	43.7	27.3	12.7	0.0
42.5°	120.4	91.9	66.0	46.2	28.7	13.3	0.0
40°	127.6	97.1	69.7	48.6	30.0	13.8	0.0
37.5°	134.5	102.1	73.6	50.7	31.2	14.3	0.0
35°	140.9	107.2	77.4	52.8	32.4	14.7	0.0
32.5°	147.0	112.2	80.9	54.6	33.5	15.2	0.0
30°	153.1	116.8	84.2	56.4	34.5	15.6	0.0
27.5°	158.7	121.1	87.2	58.0	35.5	16.0	0.0
25°	163.9	125.1	89.9	59.4	36.4	16.3	0.0
22.5°	168.6	128.6	92.5	60.7	37.2	16.6	0.0
20°	172.8	131.9	94.7	61.8	37.9	16.9	0.0
17.5°	176.6	134.8	96.8	62.8	38.5	17.2	0.0
15°	180.0	137.3	98.6	63.6	39.1	17.4	0.0
12.5°	182.8	139.4	100.1	64.3	39.5	17.6	0.0
10°	185.2	141.2	101.4	64.8	39.9	17.7	0.0
7.5°	187.0	142.5	102.4	65.2	40.2	17.8	0.0
5°	188.3	143.5	103.1	65.4	40.4	17.9	0.0
2.5°	189.1	144.1	103.6	65.5	40.6	18.0	0.0
0°	189.4	144.3	103.7	65.4	40.6	18.0	0.0
-2.5°	189.1	144.1	103.6	65.5	40.6	18.0	0.0
-5°	188.3	143.5	103.1	65.4	40.4	17.9	0.0
-7.5°	187.0	142.5	102.4	65.2	40.2	17.8	0.0
-10°	185.2	141.2	101.4	64.8	39.9	17.7	0.0
-12.5°	182.8	139.4	100.1	64.3	39.5	17.6	0.0
-15°	180.0	137.3	98.6	63.6	39.1	17.4	0.0
-17.5°	176.6	134.8	96.8	62.8	38.5	17.2	0.0
-20°	172.8	131.9	94.7	61.8	37.9	16.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	168.6	128.6	92.5	60.7	37.2	16.6	0.0
-25°	163.9	125.1	89.9	59.4	36.4	16.3	0.0
-27.5°	158.7	121.1	87.2	58.0	35.5	16.0	0.0
-30°	153.1	116.8	84.2	56.4	34.5	15.6	0.0
-32.5°	147.0	112.2	80.9	54.6	33.5	15.2	0.0
-35°	140.9	107.2	77.4	52.8	32.4	14.7	0.0
-37.5°	134.5	102.1	73.6	50.7	31.2	14.3	0.0
-40°	127.6	97.1	69.7	48.6	30.0	13.8	0.0
-42.5°	120.4	91.9	66.0	46.2	28.7	13.3	0.0
-45°	112.8	86.4	62.7	43.7	27.3	12.7	0.0
-47.5°	104.9	80.7	59.2	41.1	25.9	12.2	0.0
-50°	97.6	74.8	55.5	38.7	24.4	11.6	0.0
-52.5°	90.2	68.6	51.7	36.4	22.9	11.0	0.0
-55°	82.6	63.4	47.8	34.0	21.3	10.3	0.0
-57.5°	74.7	58.3	43.7	31.5	19.7	9.7	0.0
-60°	66.9	53.0	39.6	28.9	18.0	9.0	0.0
-62.5°	60.2	47.6	36.1	26.3	16.6	8.3	0.0
-65°	53.4	42.0	32.5	23.6	15.2	7.6	0.0
-67.5°	46.5	36.8	28.9	20.9	13.8	6.9	0.0
-70°	39.4	32.2	25.2	18.1	12.3	6.2	0.0
-72.5°	33.6	27.6	21.4	15.8	10.8	5.4	0.0
-75°	28.0	22.9	17.7	13.6	9.3	4.7	0.0
-77.5°	22.3	18.1	14.6	11.3	7.8	3.9	0.0
-80°	16.5	14.1	11.7	9.1	6.2	3.1	0.0
-82.5°	12.3	10.6	8.8	6.8	4.7	2.3	0.0
-85°	8.2	7.1	5.9	4.6	3.1	1.6	0.0
-87.5°	4.1	3.5	2.9	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)