

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: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-935-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5C-935-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

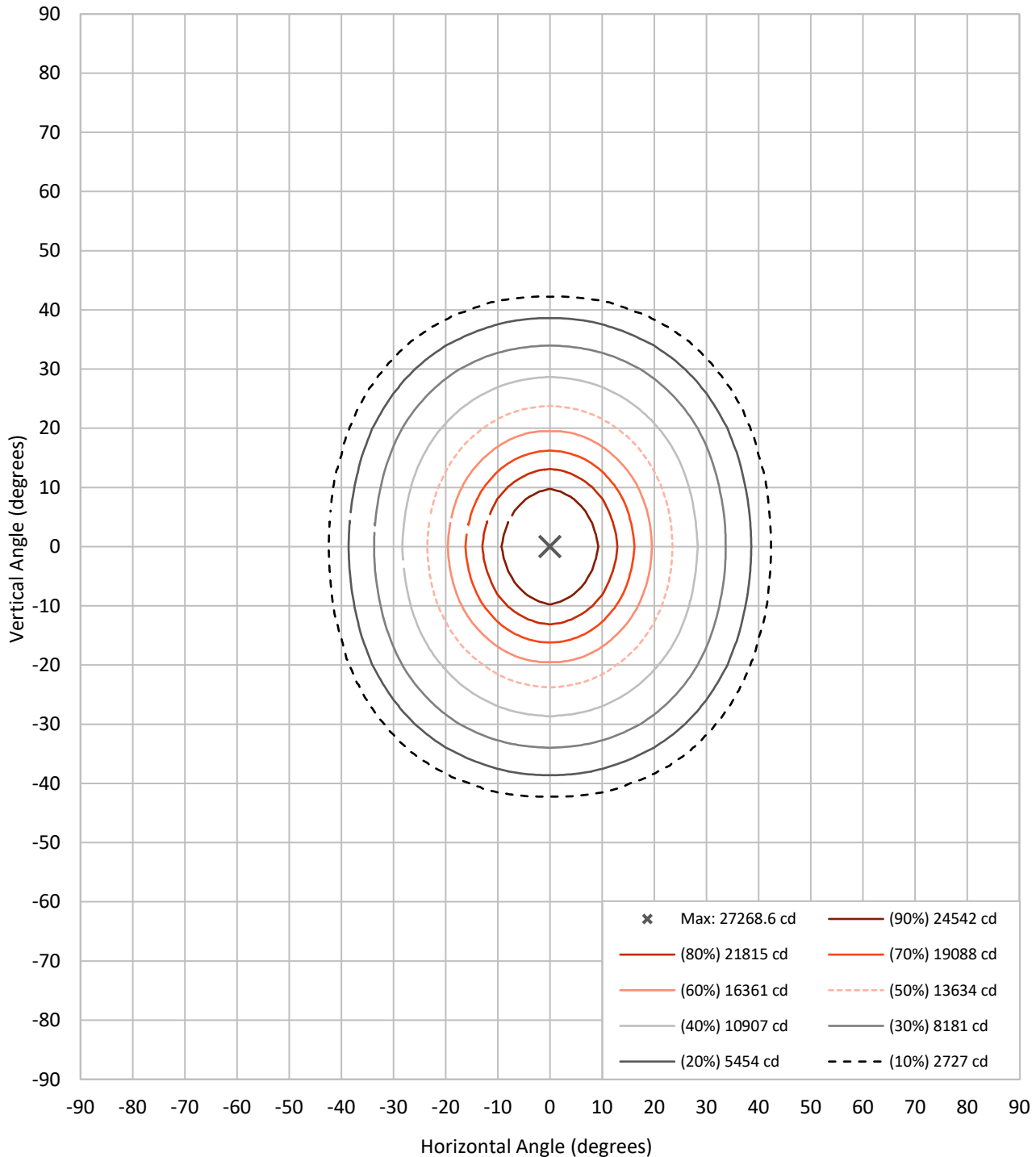
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21227.1 lumens	Max Intensity:	27268.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	10016.4 lumens	Field Lumens:	19274.2 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 201  
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





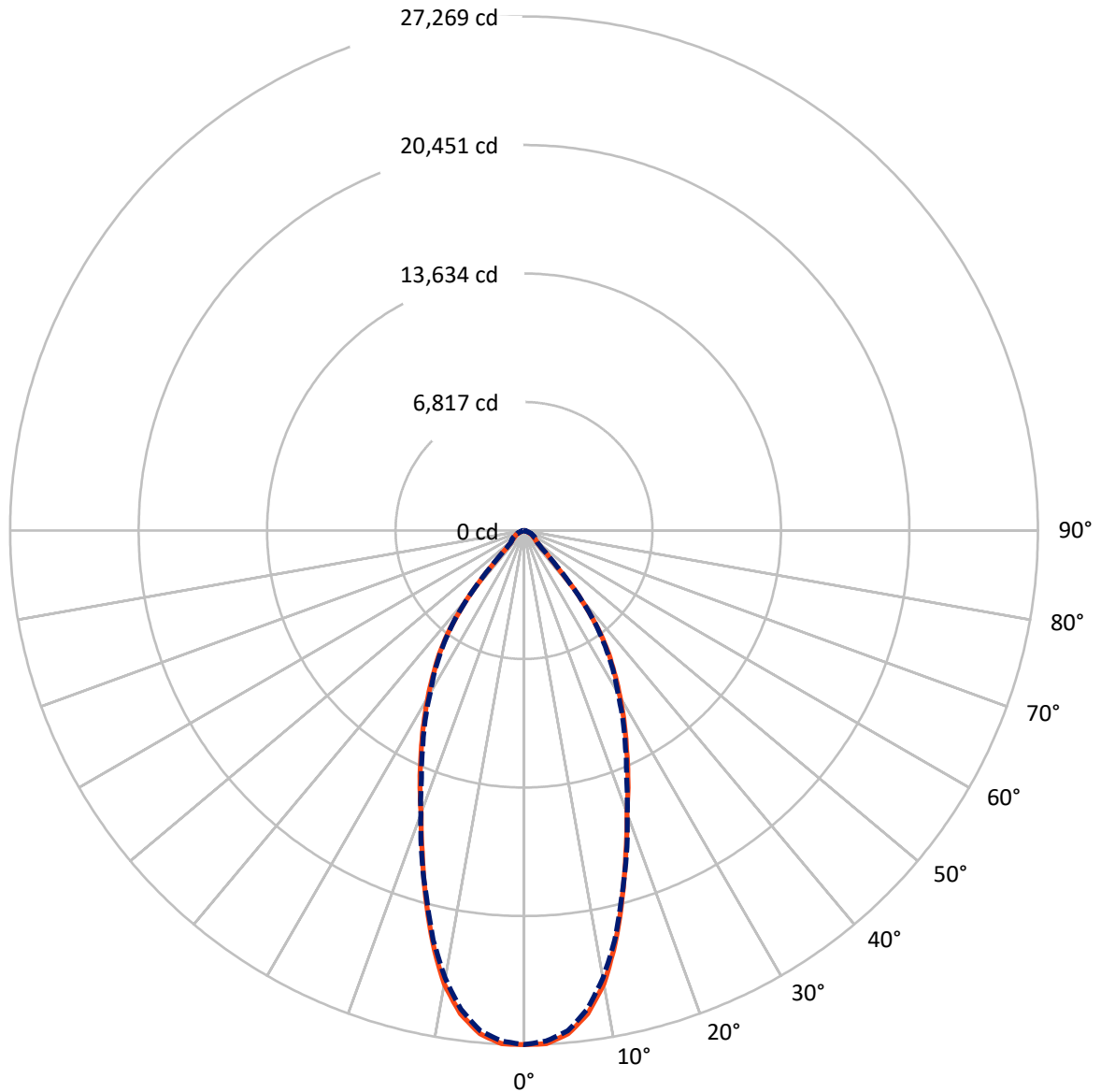
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### Lumen Table

90																
80	0.3	2.6		5.8		9.6		7.5		9.6		5.8		2.6		0.3
70																
60	1.5	1.7	3.1	4.8	6.8	8.5	9.7	10.5	10.5	9.7	8.5	6.8	4.8	3.1	1.7	1.5
50		2.6	5.1	8.5	12.2	15.2	17.4	19.2	19.2	17.4	15.2	12.2	8.5	5.1	2.6	
40	2.3	3.4	7.1	11.9	17.4	23.8	37.7	52.8	52.8	37.7	23.8	17.4	11.9	7.1	3.4	2.3
30		4.1	8.9	14.9	28.0	39.5	57.4	82.4	82.4	57.4	39.5	28.0	14.9	8.9	4.1	
20	2.5	4.8	10.4	18.7	31.8	45.7	65.4	92.4	92.4	65.4	45.7	31.8	18.7	10.4	4.8	2.5
10		5.4	11.5	21.6	36.7	52.0	73.4	103.3	103.3	73.4	52.0	36.7	21.6	11.5	5.4	
0	2.6	5.7	12.5	23.4	40.2	57.7	82.4	112.4	112.4	82.4	57.7	40.2	23.4	12.5	5.7	2.6
-10		5.7	12.5	23.4	40.2	57.7	82.4	112.4	112.4	82.4	57.7	40.2	23.4	12.5	5.7	
-20	2.5	5.4	11.5	21.6	36.7	52.0	73.4	103.3	103.3	73.4	52.0	36.7	21.6	11.5	5.4	2.5
-30		4.8	10.4	18.7	31.8	45.7	65.4	92.4	92.4	65.4	45.7	31.8	18.7	10.4	4.8	
-40	2.3	4.1	8.9	14.9	28.0	39.5	57.4	82.4	82.4	57.4	39.5	28.0	14.9	8.9	4.1	2.3
-50		3.4	7.1	11.9	17.4	23.8	37.7	52.8	52.8	37.7	23.8	17.4	11.9	7.1	3.4	
-60	1.5	2.6	5.1	8.5	12.2	15.2	17.4	19.2	19.2	17.4	15.2	12.2	8.5	5.1	2.6	1.5
-70		1.7	3.1	4.8	6.8	8.5	9.7	10.5	10.5	9.7	8.5	6.8	4.8	3.1	1.7	
-80																
-90	0.3	2.6		5.8		9.6		7.5		9.6		5.8		2.6		0.3

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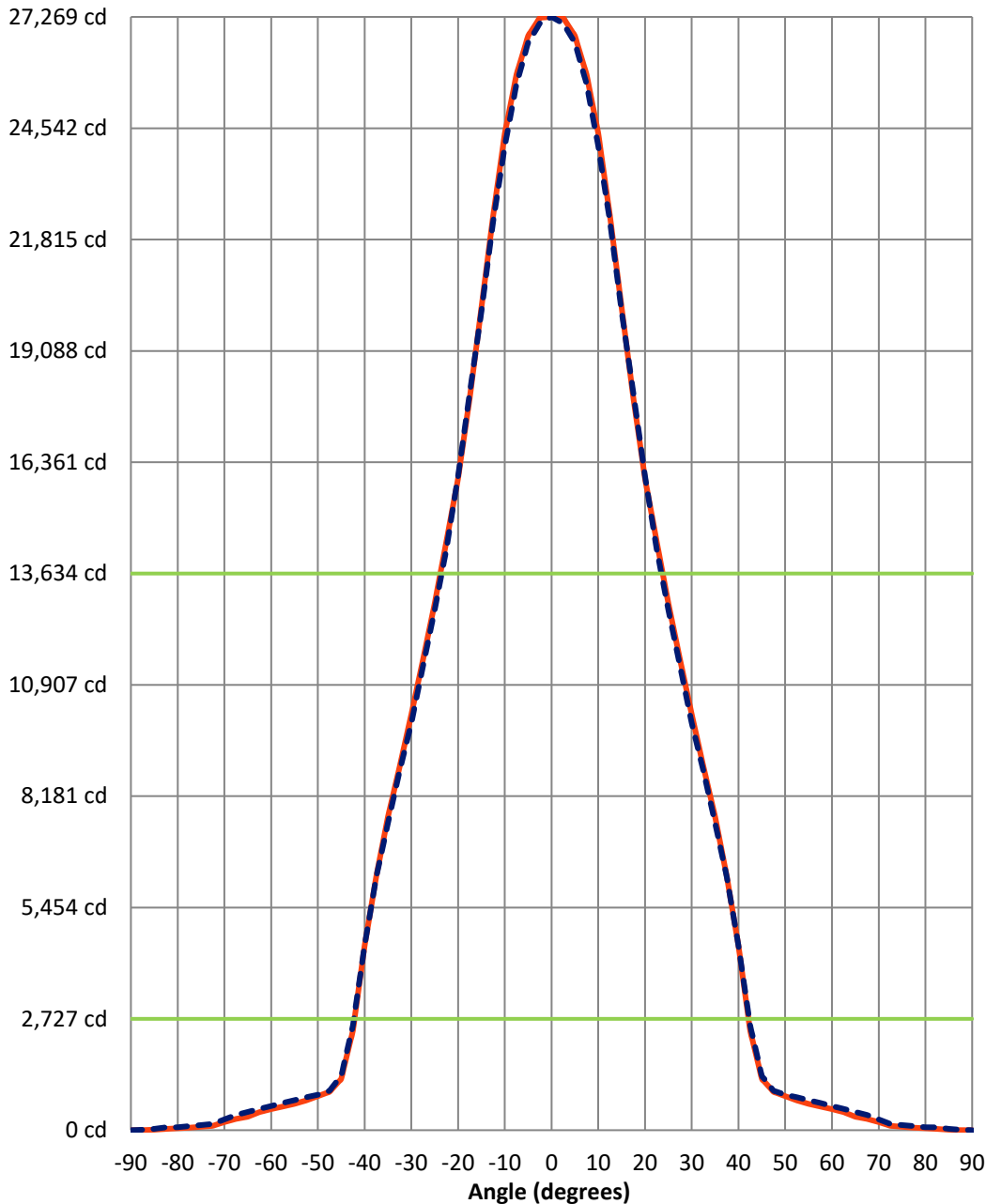
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47°  
 V Angle: 47.6°  
 Lumens: 10016.4  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 19274.2  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 1953  
 Efficiency: 9.2%

- 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	0.4	0.9	1.5	2.1	2.9	3.7	4.1	4.5	4.9	5.2
85°	0.0	0.9	1.8	2.9	4.2	5.7	7.4	8.3	9.1	9.8	10.4
82.5°	0.0	1.3	2.7	4.4	6.3	8.6	11.0	12.4	14.0	16.8	18.9
80°	0.0	1.8	3.5	5.8	8.4	11.4	15.3	20.3	24.2	27.2	29.3
77.5°	0.0	2.2	4.4	7.2	10.5	15.5	24.0	30.0	34.4	37.7	40.8
75°	0.0	2.6	5.3	8.6	13.0	22.2	32.5	39.7	44.9	50.6	54.9
72.5°	0.0	3.1	6.1	10.0	17.8	28.7	40.8	50.1	58.0	64.4	69.2
70°	0.0	3.5	7.0	11.7	22.5	35.0	49.2	62.2	71.1	78.4	89.7
67.5°	0.0	3.9	7.8	14.9	27.1	41.1	58.9	74.4	84.4	96.0	110.9
65°	0.0	4.3	8.6	17.9	31.5	47.6	68.2	86.6	98.2	113.0	130.8
62.5°	0.0	4.7	9.4	20.9	35.8	54.6	77.1	97.6	111.4	129.3	149.3
60°	0.0	5.1	10.2	23.8	39.8	61.2	85.5	107.7	124.0	145.8	167.5
57.5°	0.0	5.5	12.0	26.5	44.5	67.4	91.3	116.6	138.0	162.1	183.3
55°	0.0	5.8	13.7	29.2	48.9	73.3	96.2	123.1	152.2	177.4	198.0
52.5°	0.0	6.2	15.4	31.6	53.1	78.3	100.3	132.0	166.2	190.4	212.3
50°	0.0	6.6	17.1	34.0	57.0	80.9	103.8	140.2	179.1	203.1	228.2
47.5°	0.0	6.9	18.6	36.3	60.6	82.9	106.9	147.5	190.2	215.5	243.7
45°	0.0	7.2	20.1	38.7	63.9	84.4	112.1	153.7	195.8	228.9	258.6
42.5°	0.0	7.5	21.5	40.9	66.8	85.4	116.5	158.1	200.1	241.7	273.9
40°	0.0	7.8	22.9	43.3	68.4	85.9	120.1	161.0	204.0	253.1	288.7
37.5°	0.0	8.1	24.2	45.7	68.6	85.8	122.9	163.0	208.1	258.6	302.8
35°	0.0	8.4	25.3	48.1	68.5	86.9	124.9	164.1	211.6	266.9	316.4
32.5°	0.0	8.6	26.4	50.4	68.1	88.3	125.9	164.4	214.5	277.0	328.8
30°	0.0	8.8	27.5	52.6	67.4	89.1	125.7	164.4	216.7	288.7	340.9
27.5°	0.0	9.0	28.4	54.7	68.2	89.3	125.0	165.5	220.9	301.8	352.8
25°	0.0	9.2	29.2	56.8	68.9	89.0	123.6	165.9	229.8	312.8	364.6
22.5°	0.0	9.4	30.0	58.7	69.6	89.3	121.6	165.7	239.1	321.9	379.0
20°	0.0	9.6	30.7	60.5	70.2	91.5	119.1	164.9	248.5	330.4	392.0
17.5°	0.0	9.7	31.2	62.2	70.6	93.6	119.2	163.3	257.8	338.2	403.7
15°	0.0	9.9	31.7	63.8	71.0	95.4	121.0	162.8	266.7	345.3	413.9
12.5°	0.0	10.0	32.1	65.2	71.2	96.9	122.5	163.5	272.9	351.7	422.7
10°	0.0	10.0	32.4	66.4	71.4	98.1	123.6	163.1	275.4	357.0	430.2
7.5°	0.0	10.1	32.7	67.5	71.6	99.1	124.4	161.8	275.7	362.1	436.6
5°	0.0	10.2	32.8	68.4	71.7	99.7	124.8	159.7	273.8	366.8	441.4
2.5°	0.0	10.2	32.8	69.1	71.7	100.2	125.0	156.8	269.9	370.4	444.6
0°	0.0	10.2	32.8	69.6	71.7	100.3	124.9	153.5	264.1	372.6	446.3
-2.5°	0.0	10.2	32.8	69.1	71.7	100.2	125.0	156.8	269.9	370.4	444.6
-5°	0.0	10.2	32.8	68.4	71.7	99.7	124.8	159.7	273.8	366.8	441.4
-7.5°	0.0	10.1	32.7	67.5	71.6	99.1	124.4	161.8	275.7	362.1	436.6
-10°	0.0	10.0	32.4	66.4	71.4	98.1	123.6	163.1	275.4	357.0	430.2
-12.5°	0.0	10.0	32.1	65.2	71.2	96.9	122.5	163.5	272.9	351.7	422.7
-15°	0.0	9.9	31.7	63.8	71.0	95.4	121.0	162.8	266.7	345.3	413.9
-17.5°	0.0	9.7	31.2	62.2	70.6	93.6	119.2	163.3	257.8	338.2	403.7
-20°	0.0	9.6	30.7	60.5	70.2	91.5	119.1	164.9	248.5	330.4	392.0



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 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.4	30.0	58.7	69.6	89.3	121.6	165.7	239.1	321.9	379.0
-25°	0.0	9.2	29.2	56.8	68.9	89.0	123.6	165.9	229.8	312.8	364.6
-27.5°	0.0	9.0	28.4	54.7	68.2	89.3	125.0	165.5	220.9	301.8	352.8
-30°	0.0	8.8	27.5	52.6	67.4	89.1	125.7	164.4	216.7	288.7	340.9
-32.5°	0.0	8.6	26.4	50.4	68.1	88.3	125.9	164.4	214.5	277.0	328.8
-35°	0.0	8.4	25.3	48.1	68.5	86.9	124.9	164.1	211.6	266.9	316.4
-37.5°	0.0	8.1	24.2	45.7	68.6	85.8	122.9	163.0	208.1	258.6	302.8
-40°	0.0	7.8	22.9	43.3	68.4	85.9	120.1	161.0	204.0	253.1	288.7
-42.5°	0.0	7.5	21.5	40.9	66.8	85.4	116.5	158.1	200.1	241.7	273.9
-45°	0.0	7.2	20.1	38.7	63.9	84.4	112.1	153.7	195.8	228.9	258.6
-47.5°	0.0	6.9	18.6	36.3	60.6	82.9	106.9	147.5	190.2	215.5	243.7
-50°	0.0	6.6	17.1	34.0	57.0	80.9	103.8	140.2	179.1	203.1	228.2
-52.5°	0.0	6.2	15.4	31.6	53.1	78.3	100.3	132.0	166.2	190.4	212.3
-55°	0.0	5.8	13.7	29.2	48.9	73.3	96.2	123.1	152.2	177.4	198.0
-57.5°	0.0	5.5	12.0	26.5	44.5	67.4	91.3	116.6	138.0	162.1	183.3
-60°	0.0	5.1	10.2	23.8	39.8	61.2	85.5	107.7	124.0	145.8	167.5
-62.5°	0.0	4.7	9.4	20.9	35.8	54.6	77.1	97.6	111.4	129.3	149.3
-65°	0.0	4.3	8.6	17.9	31.5	47.6	68.2	86.6	98.2	113.0	130.8
-67.5°	0.0	3.9	7.8	14.9	27.1	41.1	58.9	74.4	84.4	96.0	110.9
-70°	0.0	3.5	7.0	11.7	22.5	35.0	49.2	62.2	71.1	78.4	89.7
-72.5°	0.0	3.1	6.1	10.0	17.8	28.7	40.8	50.1	58.0	64.4	69.2
-75°	0.0	2.6	5.3	8.6	13.0	22.2	32.5	39.7	44.9	50.6	54.9
-77.5°	0.0	2.2	4.4	7.2	10.5	15.5	24.0	30.0	34.4	37.7	40.8
-80°	0.0	1.8	3.5	5.8	8.4	11.4	15.3	20.3	24.2	27.2	29.3
-82.5°	0.0	1.3	2.7	4.4	6.3	8.6	11.0	12.4	14.0	16.8	18.9
-85°	0.0	0.9	1.8	2.9	4.2	5.7	7.4	8.3	9.1	9.8	10.4
-87.5°	0.0	0.4	0.9	1.5	2.1	2.9	3.7	4.1	4.5	4.9	5.2
-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°	5.2	5.1	5.0	4.7	4.4	4.0	3.5	2.9	3.0	3.1	3.3
85°	10.4	10.3	11.1	11.8	12.1	12.1	11.7	11.0	12.6	14.4	16.4
82.5°	20.7	22.5	24.3	25.9	26.0	25.4	24.5	23.5	27.1	31.5	36.2
80°	32.0	34.8	38.8	42.9	44.0	43.6	42.3	40.0	45.0	52.2	60.5
77.5°	45.8	51.4	57.0	62.6	64.0	62.9	60.2	56.0	62.3	74.1	87.1
75°	60.8	67.9	76.8	83.8	85.3	82.8	78.7	75.1	82.7	97.3	111.3
72.5°	79.5	91.0	99.8	105.9	106.3	104.1	102.1	100.2	108.8	126.1	140.5
70°	103.2	114.8	121.6	125.3	126.2	127.6	133.4	138.9	147.4	162.2	174.0
67.5°	126.8	135.9	142.1	146.6	155.4	163.7	171.8	180.0	189.5	202.1	211.1
65°	147.8	157.2	165.3	175.9	188.8	198.9	209.6	221.3	234.4	246.2	254.8
62.5°	168.5	178.6	190.0	204.0	218.9	232.6	248.4	264.5	280.2	293.6	308.2
60°	185.6	199.0	214.3	231.2	249.1	269.9	288.9	307.5	324.6	341.4	362.0
57.5°	201.7	220.0	238.7	258.9	282.5	307.7	330.0	350.5	371.9	396.2	416.5
55°	218.7	241.7	263.1	287.6	315.7	346.1	370.5	393.6	420.1	449.2	471.9
52.5°	237.1	262.4	287.7	317.1	350.9	381.2	406.8	435.5	467.6	499.2	525.6
50°	254.9	282.9	312.2	349.5	383.1	412.0	443.7	478.4	512.0	544.5	575.6
47.5°	272.9	302.8	341.7	379.8	411.3	445.1	482.1	517.9	553.1	587.0	619.6
45°	290.5	326.0	369.2	405.4	440.4	479.2	517.4	554.9	592.0	628.0	663.6
42.5°	307.5	348.7	392.2	430.1	470.4	511.0	551.0	590.6	629.8	668.3	706.3
40°	326.0	369.5	415.2	456.6	498.6	540.9	583.1	624.9	666.2	707.1	747.4
37.5°	343.2	391.0	438.6	481.9	525.2	569.5	613.7	658.0	701.5	744.1	790.0
35°	358.5	412.7	460.8	506.2	551.5	596.5	643.2	689.8	735.7	781.9	840.4
32.5°	375.6	434.6	481.8	529.7	576.6	622.9	671.4	720.7	769.5	823.5	907.7
30°	395.0	452.9	501.6	552.0	600.1	648.7	698.8	750.3	801.6	885.7	1079.9
27.5°	413.8	469.7	521.0	572.5	622.0	672.5	725.0	778.3	849.9	979.0	1294.1
25°	431.3	485.9	539.1	591.2	642.4	694.7	749.0	804.4	901.6	1162.5	1858.6
22.5°	446.0	501.4	556.7	608.4	660.8	714.9	771.3	844.9	995.0	1347.6	2486.6
20°	458.5	516.3	572.8	626.5	678.1	732.9	791.6	883.4	1136.9	1876.3	3239.3
17.5°	470.2	529.7	587.6	643.7	697.9	751.6	811.9	916.7	1264.7	2335.7	3996.0
15°	480.9	541.8	601.4	659.9	715.9	771.8	843.8	1011.1	1523.1	2791.9	4670.1
12.5°	490.5	552.4	613.9	674.8	732.1	789.9	872.6	1105.0	1839.7	3327.0	5130.1
10°	499.0	561.5	625.2	688.4	746.4	805.8	896.9	1182.1	2099.9	3767.1	5499.9
7.5°	506.8	570.3	635.5	700.5	758.7	819.4	916.7	1242.3	2301.0	4098.6	5794.9
5°	513.4	578.9	647.8	713.7	774.2	834.3	933.7	1285.5	2442.2	4321.9	6009.8
2.5°	518.5	586.0	658.6	725.3	791.3	852.3	953.1	1317.5	2533.3	4464.2	6147.2
0°	522.0	591.6	667.4	734.9	806.6	868.0	968.3	1332.7	2567.2	4516.1	6198.9
-2.5°	518.5	586.0	658.6	725.3	791.3	852.3	953.1	1317.5	2533.3	4464.2	6147.2
-5°	513.4	578.9	647.8	713.7	774.2	834.3	933.7	1285.5	2442.2	4321.9	6009.8
-7.5°	506.8	570.3	635.5	700.5	758.7	819.4	916.7	1242.3	2301.0	4098.6	5794.9
-10°	499.0	561.5	625.2	688.4	746.4	805.8	896.9	1182.1	2099.9	3767.1	5499.9
-12.5°	490.5	552.4	613.9	674.8	732.1	789.9	872.6	1105.0	1839.7	3327.0	5130.1
-15°	480.9	541.8	601.4	659.9	715.9	771.8	843.8	1011.1	1523.1	2791.9	4670.1
-17.5°	470.2	529.7	587.6	643.7	697.9	751.6	811.9	916.7	1264.7	2335.7	3996.0
-20°	458.5	516.3	572.8	626.5	678.1	732.9	791.6	883.4	1136.9	1876.3	3239.3



REPORT NUMBER: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	446.0	501.4	556.7	608.4	660.8	714.9	771.3	844.9	995.0	1347.6	2486.6
-25°	431.3	485.9	539.1	591.2	642.4	694.7	749.0	804.4	901.6	1162.5	1858.6
-27.5°	413.8	469.7	521.0	572.5	622.0	672.5	725.0	778.3	849.9	979.0	1294.1
-30°	395.0	452.9	501.6	552.0	600.1	648.7	698.8	750.3	801.6	885.7	1079.9
-32.5°	375.6	434.6	481.8	529.7	576.6	622.9	671.4	720.7	769.5	823.5	907.7
-35°	358.5	412.7	460.8	506.2	551.5	596.5	643.2	689.8	735.7	781.9	840.4
-37.5°	343.2	391.0	438.6	481.9	525.2	569.5	613.7	658.0	701.5	744.1	790.0
-40°	326.0	369.5	415.2	456.6	498.6	540.9	583.1	624.9	666.2	707.1	747.4
-42.5°	307.5	348.7	392.2	430.1	470.4	511.0	551.0	590.6	629.8	668.3	706.3
-45°	290.5	326.0	369.2	405.4	440.4	479.2	517.4	554.9	592.0	628.0	663.6
-47.5°	272.9	302.8	341.7	379.8	411.3	445.1	482.1	517.9	553.1	587.0	619.6
-50°	254.9	282.9	312.2	349.5	383.1	412.0	443.7	478.4	512.0	544.5	575.6
-52.5°	237.1	262.4	287.7	317.1	350.9	381.2	406.8	435.5	467.6	499.2	525.6
-55°	218.7	241.7	263.1	287.6	315.7	346.1	370.5	393.6	420.1	449.2	471.9
-57.5°	201.7	220.0	238.7	258.9	282.5	307.7	330.0	350.5	371.9	396.2	416.5
-60°	185.6	199.0	214.3	231.2	249.1	269.9	288.9	307.5	324.6	341.4	362.0
-62.5°	168.5	178.6	190.0	204.0	218.9	232.6	248.4	264.5	280.2	293.6	308.2
-65°	147.8	157.2	165.3	175.9	188.8	198.9	209.6	221.3	234.4	246.2	254.8
-67.5°	126.8	135.9	142.1	146.6	155.4	163.7	171.8	180.0	189.5	202.1	211.1
-70°	103.2	114.8	121.6	125.3	126.2	127.6	133.4	138.9	147.4	162.2	174.0
-72.5°	79.5	91.0	99.8	105.9	106.3	104.1	102.1	100.2	108.8	126.1	140.5
-75°	60.8	67.9	76.8	83.8	85.3	82.8	78.7	75.1	82.7	97.3	111.3
-77.5°	45.8	51.4	57.0	62.6	64.0	62.9	60.2	56.0	62.3	74.1	87.1
-80°	32.0	34.8	38.8	42.9	44.0	43.6	42.3	40.0	45.0	52.2	60.5
-82.5°	20.7	22.5	24.3	25.9	26.0	25.4	24.5	23.5	27.1	31.5	36.2
-85°	10.4	10.3	11.1	11.8	12.1	12.1	11.7	11.0	12.6	14.4	16.4
-87.5°	5.2	5.1	5.0	4.7	4.4	4.0	3.5	2.9	3.0	3.1	3.3
-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: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.5	3.0
85°	18.4	17.9	16.9	15.7	14.2	14.9	15.8	16.6	17.4	16.3	15.0
82.5°	41.3	41.8	41.8	41.7	41.5	43.3	45.0	46.5	47.8	44.2	39.9
80°	69.6	72.9	74.9	76.6	78.2	78.2	77.1	75.3	72.7	66.5	59.6
77.5°	100.5	105.8	108.3	111.0	113.7	114.6	115.2	116.0	116.7	105.8	92.1
75°	124.7	132.4	136.9	141.1	145.0	147.2	148.4	149.2	149.6	136.5	119.7
72.5°	152.1	159.8	165.1	170.3	175.1	178.3	180.1	181.5	182.4	171.1	155.0
70°	182.4	188.4	194.8	201.2	207.1	211.2	213.8	215.9	217.5	216.4	215.6
67.5°	218.1	223.4	231.2	237.3	243.5	247.9	252.5	256.1	258.9	261.9	265.3
65°	263.0	275.6	287.0	292.9	293.7	300.0	310.4	317.1	320.5	323.2	326.5
62.5°	325.2	340.6	348.8	358.6	371.2	382.9	387.4	393.5	400.7	409.5	419.5
60°	378.7	391.4	404.5	418.0	429.6	439.3	449.9	460.4	469.9	478.7	487.2
57.5°	433.3	447.2	460.6	476.4	487.5	494.0	504.3	516.8	526.5	534.1	545.5
55°	490.0	507.9	526.1	540.3	550.8	557.7	565.5	577.5	584.7	587.5	600.7
52.5°	546.9	568.1	590.5	607.3	618.3	628.7	638.2	648.8	656.1	659.6	672.6
50°	599.6	624.9	649.9	671.7	686.4	703.6	723.0	732.6	738.8	745.7	760.2
47.5°	649.8	678.1	704.8	729.4	750.7	770.0	786.7	802.9	826.6	845.4	864.0
45°	698.1	728.2	757.2	784.8	808.6	846.3	882.2	912.8	994.5	1063.1	1115.5
42.5°	743.5	779.9	812.5	858.6	908.8	995.9	1130.3	1254.9	1495.9	1806.2	2065.3
40°	790.8	838.1	896.4	986.3	1156.3	1331.0	1853.4	2319.0	2776.8	3297.6	3743.8
37.5°	846.1	917.3	1088.3	1291.3	1836.3	2439.2	3179.6	3906.4	4539.2	5080.7	5532.8
35°	919.3	1139.2	1458.8	2198.5	3003.7	3992.1	4845.5	5529.0	6154.1	6655.9	7033.5
32.5°	1135.0	1537.3	2381.7	3399.0	4506.6	5461.5	6292.6	6947.1	7517.4	7967.0	8317.1
30°	1450.8	2375.5	3522.2	4740.7	5843.8	6755.6	7523.5	8147.3	8656.4	9113.9	9498.1
27.5°	2201.3	3391.2	4739.0	5981.8	6985.2	7838.7	8527.7	9145.7	9706.9	10188.7	10642.9
25°	3022.6	4495.5	5855.0	6986.1	7922.5	8723.3	9450.0	10125.9	10754.2	11318.1	11846.5
22.5°	4008.9	5477.8	6777.1	7823.9	8731.4	9554.1	10325.8	11078.1	11809.5	12497.7	13136.9
20°	4901.9	6343.5	7476.5	8522.0	9464.8	10322.1	11172.6	12049.4	12893.5	13722.4	14492.0
17.5°	5597.7	6938.9	8076.4	9136.1	10095.7	11066.6	12040.0	13047.0	14065.2	15027.7	15948.4
15°	6178.7	7435.6	8588.3	9647.9	10703.0	11774.2	12861.7	14048.0	15259.0	16411.2	17584.7
12.5°	6590.6	7850.0	9018.7	10081.9	11264.8	12427.6	13693.5	15045.5	16444.2	17786.3	19227.8
10°	6921.8	8180.6	9339.5	10485.9	11737.7	13027.1	14446.9	15936.1	17605.1	19194.2	20747.4
7.5°	7206.0	8456.5	9597.2	10815.3	12131.3	13548.4	15092.6	16776.3	18582.4	20350.8	22199.5
5°	7413.9	8644.5	9797.5	11085.4	12433.9	13929.4	15590.6	17389.7	19326.7	21264.3	23092.6
2.5°	7523.9	8751.8	9922.0	11252.9	12611.3	14160.2	15890.4	17797.2	19843.2	21957.3	23760.0
0°	7521.4	8796.8	9969.8	11366.0	12741.7	14230.0	16019.3	18058.3	20054.3	22250.9	24101.6
-2.5°	7523.9	8751.8	9922.0	11252.9	12611.3	14160.2	15890.4	17797.2	19843.2	21957.3	23760.0
-5°	7413.9	8644.5	9797.5	11085.4	12433.9	13929.4	15590.6	17389.7	19326.7	21264.3	23092.6
-7.5°	7206.0	8456.5	9597.2	10815.3	12131.3	13548.4	15092.6	16776.3	18582.4	20350.8	22199.5
-10°	6921.8	8180.6	9339.5	10485.9	11737.7	13027.1	14446.9	15936.1	17605.1	19194.2	20747.4
-12.5°	6590.6	7850.0	9018.7	10081.9	11264.8	12427.6	13693.5	15045.5	16444.2	17786.3	19227.8
-15°	6178.7	7435.6	8588.3	9647.9	10703.0	11774.2	12861.7	14048.0	15259.0	16411.2	17584.7
-17.5°	5597.7	6938.9	8076.4	9136.1	10095.7	11066.6	12040.0	13047.0	14065.2	15027.7	15948.4
-20°	4901.9	6343.5	7476.5	8522.0	9464.8	10322.1	11172.6	12049.4	12893.5	13722.4	14492.0



REPORT NUMBER: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4008.9	5477.8	6777.1	7823.9	8731.4	9554.1	10325.8	11078.1	11809.5	12497.7	13136.9
-25°	3022.6	4495.5	5855.0	6986.1	7922.5	8723.3	9450.0	10125.9	10754.2	11318.1	11846.5
-27.5°	2201.3	3391.2	4739.0	5981.8	6985.2	7838.7	8527.7	9145.7	9706.9	10188.7	10642.9
-30°	1450.8	2375.5	3522.2	4740.7	5843.8	6755.6	7523.5	8147.3	8656.4	9113.9	9498.1
-32.5°	1135.0	1537.3	2381.7	3399.0	4506.6	5461.5	6292.6	6947.1	7517.4	7967.0	8317.1
-35°	919.3	1139.2	1458.8	2198.5	3003.7	3992.1	4845.5	5529.0	6154.1	6655.9	7033.5
-37.5°	846.1	917.3	1088.3	1291.3	1836.3	2439.2	3179.6	3906.4	4539.2	5080.7	5532.8
-40°	790.8	838.1	896.4	986.3	1156.3	1331.0	1853.4	2319.0	2776.8	3297.6	3743.8
-42.5°	743.5	779.9	812.5	858.6	908.8	995.9	1130.3	1254.9	1495.9	1806.2	2065.3
-45°	698.1	728.2	757.2	784.8	808.6	846.3	882.2	912.8	994.5	1063.1	1115.5
-47.5°	649.8	678.1	704.8	729.4	750.7	770.0	786.7	802.9	826.6	845.4	864.0
-50°	599.6	624.9	649.9	671.7	686.4	703.6	723.0	732.6	738.8	745.7	760.2
-52.5°	546.9	568.1	590.5	607.3	618.3	628.7	638.2	648.8	656.1	659.6	672.6
-55°	490.0	507.9	526.1	540.3	550.8	557.7	565.5	577.5	584.7	587.5	600.7
-57.5°	433.3	447.2	460.6	476.4	487.5	494.0	504.3	516.8	526.5	534.1	545.5
-60°	378.7	391.4	404.5	418.0	429.6	439.3	449.9	460.4	469.9	478.7	487.2
-62.5°	325.2	340.6	348.8	358.6	371.2	382.9	387.4	393.5	400.7	409.5	419.5
-65°	263.0	275.6	287.0	292.9	293.7	300.0	310.4	317.1	320.5	323.2	326.5
-67.5°	218.1	223.4	231.2	237.3	243.5	247.9	252.5	256.1	258.9	261.9	265.3
-70°	182.4	188.4	194.8	201.2	207.1	211.2	213.8	215.9	217.5	216.4	215.6
-72.5°	152.1	159.8	165.1	170.3	175.1	178.3	180.1	181.5	182.4	171.1	155.0
-75°	124.7	132.4	136.9	141.1	145.0	147.2	148.4	149.2	149.6	136.5	119.7
-77.5°	100.5	105.8	108.3	111.0	113.7	114.6	115.2	116.0	116.7	105.8	92.1
-80°	69.6	72.9	74.9	76.6	78.2	78.2	77.1	75.3	72.7	66.5	59.6
-82.5°	41.3	41.8	41.8	41.7	41.5	43.3	45.0	46.5	47.8	44.2	39.9
-85°	18.4	17.9	16.9	15.7	14.2	14.9	15.8	16.6	17.4	16.3	15.0
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.5	3.0
-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: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	3.9
85°	13.6	12.2	12.3	12.3	12.3	12.2	13.6	15.0	16.3	17.4	16.6
82.5°	35.4	30.6	30.6	30.7	30.6	30.6	35.4	39.9	44.2	47.8	46.5
80°	52.4	45.0	46.0	47.1	46.0	45.0	52.4	59.6	66.5	72.7	75.3
77.5°	77.3	61.8	61.3	61.4	61.3	61.8	77.3	92.1	105.8	116.7	116.0
75°	102.4	84.6	83.8	83.9	83.8	84.6	102.4	119.7	136.5	149.6	149.2
72.5°	138.5	121.5	113.8	106.5	113.8	121.5	138.5	155.0	171.1	182.4	181.5
70°	215.7	216.2	208.7	198.6	208.7	216.2	215.7	215.6	216.4	217.5	215.9
67.5°	268.2	270.4	273.6	276.4	273.6	270.4	268.2	265.3	261.9	258.9	256.1
65°	328.0	327.9	329.0	329.6	329.0	327.9	328.0	326.5	323.2	320.5	317.1
62.5°	428.0	434.9	439.8	442.2	439.8	434.9	428.0	419.5	409.5	400.7	393.5
60°	494.3	499.9	507.9	515.9	507.9	499.9	494.3	487.2	478.7	469.9	460.4
57.5°	556.2	565.8	573.6	579.4	573.6	565.8	556.2	545.5	534.1	526.5	516.8
55°	613.3	624.4	635.2	644.9	635.2	624.4	613.3	600.7	587.5	584.7	577.5
52.5°	685.1	694.3	709.5	728.8	709.5	694.3	685.1	672.6	659.6	656.1	648.8
50°	776.9	790.8	810.0	833.2	810.0	790.8	776.9	760.2	745.7	738.8	732.6
47.5°	882.9	896.8	915.3	939.7	915.3	896.8	882.9	864.0	845.4	826.6	802.9
45°	1163.4	1196.1	1226.1	1259.0	1226.1	1196.1	1163.4	1115.5	1063.1	994.5	912.8
42.5°	2273.0	2416.5	2478.5	2442.3	2478.5	2416.5	2273.0	2065.3	1806.2	1495.9	1254.9
40°	4084.0	4322.7	4463.2	4512.0	4463.2	4322.7	4084.0	3743.8	3297.6	2776.8	2319.0
37.5°	5863.0	6082.7	6201.3	6215.3	6201.3	6082.7	5863.0	5532.8	5080.7	4539.2	3906.4
35°	7306.2	7487.1	7594.4	7674.9	7594.4	7487.1	7306.2	7033.5	6655.9	6154.1	5529.0
32.5°	8602.2	8808.5	8927.7	8901.2	8927.7	8808.5	8602.2	8317.1	7967.0	7517.4	6947.1
30°	9813.0	10038.5	10178.6	10182.7	10178.6	10038.5	9813.0	9498.1	9113.9	8656.4	8147.3
27.5°	11010.0	11263.2	11409.3	11523.6	11409.3	11263.2	11010.0	10642.9	10188.7	9706.9	9145.7
25°	12287.0	12602.6	12790.0	12903.4	12790.0	12602.6	12287.0	11846.5	11318.1	10754.2	10125.9
22.5°	13663.8	14054.8	14311.6	14418.4	14311.6	14054.8	13663.8	13136.9	12497.7	11809.5	11078.1
20°	15161.5	15645.9	15973.9	15964.0	15973.9	15645.9	15161.5	14492.0	13722.4	12893.5	12049.4
17.5°	16832.5	17457.5	17880.4	17941.6	17880.4	17457.5	16832.5	15948.4	15027.7	14065.2	13047.0
15°	18624.1	19429.8	19976.8	20146.4	19976.8	19429.8	18624.1	17584.7	16411.2	15259.0	14048.0
12.5°	20460.0	21418.4	22147.6	22390.1	22147.6	21418.4	20460.0	19227.8	17786.3	16444.2	15045.5
10°	22209.3	23270.8	24062.4	24412.8	24062.4	23270.8	22209.3	20747.4	19194.2	17605.1	15936.1
7.5°	23671.6	24750.2	25565.5	25854.0	25565.5	24750.2	23671.6	22199.5	20350.8	18582.4	16776.3
5°	24635.0	25813.4	26447.4	26803.9	26447.4	25813.4	24635.0	23092.6	21264.3	19326.7	17389.7
2.5°	25278.7	26277.9	26920.0	27248.1	26920.0	26277.9	25278.7	23760.0	21957.3	19843.2	17797.2
0°	25620.6	26638.0	27108.9	27268.6	27108.9	26638.0	25620.6	24101.6	22250.9	20054.3	18058.3
-2.5°	25278.7	26277.9	26920.0	27248.1	26920.0	26277.9	25278.7	23760.0	21957.3	19843.2	17797.2
-5°	24635.0	25813.4	26447.4	26803.9	26447.4	25813.4	24635.0	23092.6	21264.3	19326.7	17389.7
-7.5°	23671.6	24750.2	25565.5	25854.0	25565.5	24750.2	23671.6	22199.5	20350.8	18582.4	16776.3
-10°	22209.3	23270.8	24062.4	24412.8	24062.4	23270.8	22209.3	20747.4	19194.2	17605.1	15936.1
-12.5°	20460.0	21418.4	22147.6	22390.1	22147.6	21418.4	20460.0	19227.8	17786.3	16444.2	15045.5
-15°	18624.1	19429.8	19976.8	20146.4	19976.8	19429.8	18624.1	17584.7	16411.2	15259.0	14048.0
-17.5°	16832.5	17457.5	17880.4	17941.6	17880.4	17457.5	16832.5	15948.4	15027.7	14065.2	13047.0
-20°	15161.5	15645.9	15973.9	15964.0	15973.9	15645.9	15161.5	14492.0	13722.4	12893.5	12049.4



REPORT NUMBER: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13663.8	14054.8	14311.6	14418.4	14311.6	14054.8	13663.8	13136.9	12497.7	11809.5	11078.1
-25°	12287.0	12602.6	12790.0	12903.4	12790.0	12602.6	12287.0	11846.5	11318.1	10754.2	10125.9
-27.5°	11010.0	11263.2	11409.3	11523.6	11409.3	11263.2	11010.0	10642.9	10188.7	9706.9	9145.7
-30°	9813.0	10038.5	10178.6	10182.7	10178.6	10038.5	9813.0	9498.1	9113.9	8656.4	8147.3
-32.5°	8602.2	8808.5	8927.7	8901.2	8927.7	8808.5	8602.2	8317.1	7967.0	7517.4	6947.1
-35°	7306.2	7487.1	7594.4	7674.9	7594.4	7487.1	7306.2	7033.5	6655.9	6154.1	5529.0
-37.5°	5863.0	6082.7	6201.3	6215.3	6201.3	6082.7	5863.0	5532.8	5080.7	4539.2	3906.4
-40°	4084.0	4322.7	4463.2	4512.0	4463.2	4322.7	4084.0	3743.8	3297.6	2776.8	2319.0
-42.5°	2273.0	2416.5	2478.5	2442.3	2478.5	2416.5	2273.0	2065.3	1806.2	1495.9	1254.9
-45°	1163.4	1196.1	1226.1	1259.0	1226.1	1196.1	1163.4	1115.5	1063.1	994.5	912.8
-47.5°	882.9	896.8	915.3	939.7	915.3	896.8	882.9	864.0	845.4	826.6	802.9
-50°	776.9	790.8	810.0	833.2	810.0	790.8	776.9	760.2	745.7	738.8	732.6
-52.5°	685.1	694.3	709.5	728.8	709.5	694.3	685.1	672.6	659.6	656.1	648.8
-55°	613.3	624.4	635.2	644.9	635.2	624.4	613.3	600.7	587.5	584.7	577.5
-57.5°	556.2	565.8	573.6	579.4	573.6	565.8	556.2	545.5	534.1	526.5	516.8
-60°	494.3	499.9	507.9	515.9	507.9	499.9	494.3	487.2	478.7	469.9	460.4
-62.5°	428.0	434.9	439.8	442.2	439.8	434.9	428.0	419.5	409.5	400.7	393.5
-65°	328.0	327.9	329.0	329.6	329.0	327.9	328.0	326.5	323.2	320.5	317.1
-67.5°	268.2	270.4	273.6	276.4	273.6	270.4	268.2	265.3	261.9	258.9	256.1
-70°	215.7	216.2	208.7	198.6	208.7	216.2	215.7	215.6	216.4	217.5	215.9
-72.5°	138.5	121.5	113.8	106.5	113.8	121.5	138.5	155.0	171.1	182.4	181.5
-75°	102.4	84.6	83.8	83.9	83.8	84.6	102.4	119.7	136.5	149.6	149.2
-77.5°	77.3	61.8	61.3	61.4	61.3	61.8	77.3	92.1	105.8	116.7	116.0
-80°	52.4	45.0	46.0	47.1	46.0	45.0	52.4	59.6	66.5	72.7	75.3
-82.5°	35.4	30.6	30.6	30.7	30.6	30.6	35.4	39.9	44.2	47.8	46.5
-85°	13.6	12.2	12.3	12.3	12.3	12.2	13.6	15.0	16.3	17.4	16.6
-87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	3.9
-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: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	15.8	14.9	14.2	15.7	16.9	17.9	18.4	16.4	14.4	12.6	11.0
82.5°	45.0	43.3	41.5	41.7	41.8	41.8	41.3	36.2	31.5	27.1	23.5
80°	77.1	78.2	78.2	76.6	74.9	72.9	69.6	60.5	52.2	45.0	40.0
77.5°	115.2	114.6	113.7	111.0	108.3	105.8	100.5	87.1	74.1	62.3	56.0
75°	148.4	147.2	145.0	141.1	136.9	132.4	124.7	111.3	97.3	82.7	75.1
72.5°	180.1	178.3	175.1	170.3	165.1	159.8	152.1	140.5	126.1	108.8	100.2
70°	213.8	211.2	207.1	201.2	194.8	188.4	182.4	174.0	162.2	147.4	138.9
67.5°	252.5	247.9	243.5	237.3	231.2	223.4	218.1	211.1	202.1	189.5	180.0
65°	310.4	300.0	293.7	292.9	287.0	275.6	263.0	254.8	246.2	234.4	221.3
62.5°	387.4	382.9	371.2	358.6	348.8	340.6	325.2	308.2	293.6	280.2	264.5
60°	449.9	439.3	429.6	418.0	404.5	391.4	378.7	362.0	341.4	324.6	307.5
57.5°	504.3	494.0	487.5	476.4	460.6	447.2	433.3	416.5	396.2	371.9	350.5
55°	565.5	557.7	550.8	540.3	526.1	507.9	490.0	471.9	449.2	420.1	393.6
52.5°	638.2	628.7	618.3	607.3	590.5	568.1	546.9	525.6	499.2	467.6	435.5
50°	723.0	703.6	686.4	671.7	649.9	624.9	599.6	575.6	544.5	512.0	478.4
47.5°	786.7	770.0	750.7	729.4	704.8	678.1	649.8	619.6	587.0	553.1	517.9
45°	882.2	846.3	808.6	784.8	757.2	728.2	698.1	663.6	628.0	592.0	554.9
42.5°	1130.3	995.9	908.8	858.6	812.5	779.9	743.5	706.3	668.3	629.8	590.6
40°	1853.4	1331.0	1156.3	986.3	896.4	838.1	790.8	747.4	707.1	666.2	624.9
37.5°	3179.6	2439.2	1836.3	1291.3	1088.3	917.3	846.1	790.0	744.1	701.5	658.0
35°	4845.5	3992.1	3003.7	2198.5	1458.8	1139.2	919.3	840.4	781.9	735.7	689.8
32.5°	6292.6	5461.5	4506.6	3399.0	2381.7	1537.3	1135.0	907.7	823.5	769.5	720.7
30°	7523.5	6755.6	5843.8	4740.7	3522.2	2375.5	1450.8	1079.9	885.7	801.6	750.3
27.5°	8527.7	7838.7	6985.2	5981.8	4739.0	3391.2	2201.3	1294.1	979.0	849.9	778.3
25°	9450.0	8723.3	7922.5	6986.1	5855.0	4495.5	3022.6	1858.6	1162.5	901.6	804.4
22.5°	10325.8	9554.1	8731.4	7823.9	6777.1	5477.8	4008.9	2486.6	1347.6	995.0	844.9
20°	11172.6	10322.1	9464.8	8522.0	7476.5	6343.5	4901.9	3239.3	1876.3	1136.9	883.4
17.5°	12040.0	11066.6	10095.7	9136.1	8076.4	6938.9	5597.7	3996.0	2335.7	1264.7	916.7
15°	12861.7	11774.2	10703.0	9647.9	8588.3	7435.6	6178.7	4670.1	2791.9	1523.1	1011.1
12.5°	13693.5	12427.6	11264.8	10081.9	9018.7	7850.0	6590.6	5130.1	3327.0	1839.7	1105.0
10°	14446.9	13027.1	11737.7	10485.9	9339.5	8180.6	6921.8	5499.9	3767.1	2099.9	1182.1
7.5°	15092.6	13548.4	12131.3	10815.3	9597.2	8456.5	7206.0	5794.9	4098.6	2301.0	1242.3
5°	15590.6	13929.4	12433.9	11085.4	9797.5	8644.5	7413.9	6009.8	4321.9	2442.2	1285.5
2.5°	15890.4	14160.2	12611.3	11252.9	9922.0	8751.8	7523.9	6147.2	4464.2	2533.3	1317.5
0°	16019.3	14230.0	12741.7	11366.0	9969.8	8796.8	7521.4	6198.9	4516.1	2567.2	1332.7
-2.5°	15890.4	14160.2	12611.3	11252.9	9922.0	8751.8	7523.9	6147.2	4464.2	2533.3	1317.5
-5°	15590.6	13929.4	12433.9	11085.4	9797.5	8644.5	7413.9	6009.8	4321.9	2442.2	1285.5
-7.5°	15092.6	13548.4	12131.3	10815.3	9597.2	8456.5	7206.0	5794.9	4098.6	2301.0	1242.3
-10°	14446.9	13027.1	11737.7	10485.9	9339.5	8180.6	6921.8	5499.9	3767.1	2099.9	1182.1
-12.5°	13693.5	12427.6	11264.8	10081.9	9018.7	7850.0	6590.6	5130.1	3327.0	1839.7	1105.0
-15°	12861.7	11774.2	10703.0	9647.9	8588.3	7435.6	6178.7	4670.1	2791.9	1523.1	1011.1
-17.5°	12040.0	11066.6	10095.7	9136.1	8076.4	6938.9	5597.7	3996.0	2335.7	1264.7	916.7
-20°	11172.6	10322.1	9464.8	8522.0	7476.5	6343.5	4901.9	3239.3	1876.3	1136.9	883.4



REPORT NUMBER: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10325.8	9554.1	8731.4	7823.9	6777.1	5477.8	4008.9	2486.6	1347.6	995.0	844.9
-25°	9450.0	8723.3	7922.5	6986.1	5855.0	4495.5	3022.6	1858.6	1162.5	901.6	804.4
-27.5°	8527.7	7838.7	6985.2	5981.8	4739.0	3391.2	2201.3	1294.1	979.0	849.9	778.3
-30°	7523.5	6755.6	5843.8	4740.7	3522.2	2375.5	1450.8	1079.9	885.7	801.6	750.3
-32.5°	6292.6	5461.5	4506.6	3399.0	2381.7	1537.3	1135.0	907.7	823.5	769.5	720.7
-35°	4845.5	3992.1	3003.7	2198.5	1458.8	1139.2	919.3	840.4	781.9	735.7	689.8
-37.5°	3179.6	2439.2	1836.3	1291.3	1088.3	917.3	846.1	790.0	744.1	701.5	658.0
-40°	1853.4	1331.0	1156.3	986.3	896.4	838.1	790.8	747.4	707.1	666.2	624.9
-42.5°	1130.3	995.9	908.8	858.6	812.5	779.9	743.5	706.3	668.3	629.8	590.6
-45°	882.2	846.3	808.6	784.8	757.2	728.2	698.1	663.6	628.0	592.0	554.9
-47.5°	786.7	770.0	750.7	729.4	704.8	678.1	649.8	619.6	587.0	553.1	517.9
-50°	723.0	703.6	686.4	671.7	649.9	624.9	599.6	575.6	544.5	512.0	478.4
-52.5°	638.2	628.7	618.3	607.3	590.5	568.1	546.9	525.6	499.2	467.6	435.5
-55°	565.5	557.7	550.8	540.3	526.1	507.9	490.0	471.9	449.2	420.1	393.6
-57.5°	504.3	494.0	487.5	476.4	460.6	447.2	433.3	416.5	396.2	371.9	350.5
-60°	449.9	439.3	429.6	418.0	404.5	391.4	378.7	362.0	341.4	324.6	307.5
-62.5°	387.4	382.9	371.2	358.6	348.8	340.6	325.2	308.2	293.6	280.2	264.5
-65°	310.4	300.0	293.7	292.9	287.0	275.6	263.0	254.8	246.2	234.4	221.3
-67.5°	252.5	247.9	243.5	237.3	231.2	223.4	218.1	211.1	202.1	189.5	180.0
-70°	213.8	211.2	207.1	201.2	194.8	188.4	182.4	174.0	162.2	147.4	138.9
-72.5°	180.1	178.3	175.1	170.3	165.1	159.8	152.1	140.5	126.1	108.8	100.2
-75°	148.4	147.2	145.0	141.1	136.9	132.4	124.7	111.3	97.3	82.7	75.1
-77.5°	115.2	114.6	113.7	111.0	108.3	105.8	100.5	87.1	74.1	62.3	56.0
-80°	77.1	78.2	78.2	76.6	74.9	72.9	69.6	60.5	52.2	45.0	40.0
-82.5°	45.0	43.3	41.5	41.7	41.8	41.8	41.3	36.2	31.5	27.1	23.5
-85°	15.8	14.9	14.2	15.7	16.9	17.9	18.4	16.4	14.4	12.6	11.0
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
-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: P559053 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-935-U-MWR-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°	3.5	4.0	4.4	4.7	5.0	5.1	5.2	5.2	4.9	4.5	4.1
85°	11.7	12.1	12.1	11.8	11.1	10.3	10.4	10.4	9.8	9.1	8.3
82.5°	24.5	25.4	26.0	25.9	24.3	22.5	20.7	18.9	16.8	14.0	12.4
80°	42.3	43.6	44.0	42.9	38.8	34.8	32.0	29.3	27.2	24.2	20.3
77.5°	60.2	62.9	64.0	62.6	57.0	51.4	45.8	40.8	37.7	34.4	30.0
75°	78.7	82.8	85.3	83.8	76.8	67.9	60.8	54.9	50.6	44.9	39.7
72.5°	102.1	104.1	106.3	105.9	99.8	91.0	79.5	69.2	64.4	58.0	50.1
70°	133.4	127.6	126.2	125.3	121.6	114.8	103.2	89.7	78.4	71.1	62.2
67.5°	171.8	163.7	155.4	146.6	142.1	135.9	126.8	110.9	96.0	84.4	74.4
65°	209.6	198.9	188.8	175.9	165.3	157.2	147.8	130.8	113.0	98.2	86.6
62.5°	248.4	232.6	218.9	204.0	190.0	178.6	168.5	149.3	129.3	111.4	97.6
60°	288.9	269.9	249.1	231.2	214.3	199.0	185.6	167.5	145.8	124.0	107.7
57.5°	330.0	307.7	282.5	258.9	238.7	220.0	201.7	183.3	162.1	138.0	116.6
55°	370.5	346.1	315.7	287.6	263.1	241.7	218.7	198.0	177.4	152.2	123.1
52.5°	406.8	381.2	350.9	317.1	287.7	262.4	237.1	212.3	190.4	166.2	132.0
50°	443.7	412.0	383.1	349.5	312.2	282.9	254.9	228.2	203.1	179.1	140.2
47.5°	482.1	445.1	411.3	379.8	341.7	302.8	272.9	243.7	215.5	190.2	147.5
45°	517.4	479.2	440.4	405.4	369.2	326.0	290.5	258.6	228.9	195.8	153.7
42.5°	551.0	511.0	470.4	430.1	392.2	348.7	307.5	273.9	241.7	200.1	158.1
40°	583.1	540.9	498.6	456.6	415.2	369.5	326.0	288.7	253.1	204.0	161.0
37.5°	613.7	569.5	525.2	481.9	438.6	391.0	343.2	302.8	258.6	208.1	163.0
35°	643.2	596.5	551.5	506.2	460.8	412.7	358.5	316.4	266.9	211.6	164.1
32.5°	671.4	622.9	576.6	529.7	481.8	434.6	375.6	328.8	277.0	214.5	164.4
30°	698.8	648.7	600.1	552.0	501.6	452.9	395.0	340.9	288.7	216.7	164.4
27.5°	725.0	672.5	622.0	572.5	521.0	469.7	413.8	352.8	301.8	220.9	165.5
25°	749.0	694.7	642.4	591.2	539.1	485.9	431.3	364.6	312.8	229.8	165.9
22.5°	771.3	714.9	660.8	608.4	556.7	501.4	446.0	379.0	321.9	239.1	165.7
20°	791.6	732.9	678.1	626.5	572.8	516.3	458.5	392.0	330.4	248.5	164.9
17.5°	811.9	751.6	697.9	643.7	587.6	529.7	470.2	403.7	338.2	257.8	163.3
15°	843.8	771.8	715.9	659.9	601.4	541.8	480.9	413.9	345.3	266.7	162.8
12.5°	872.6	789.9	732.1	674.8	613.9	552.4	490.5	422.7	351.7	272.9	163.5
10°	896.9	805.8	746.4	688.4	625.2	561.5	499.0	430.2	357.0	275.4	163.1
7.5°	916.7	819.4	758.7	700.5	635.5	570.3	506.8	436.6	362.1	275.7	161.8
5°	933.7	834.3	774.2	713.7	647.8	578.9	513.4	441.4	366.8	273.8	159.7
2.5°	953.1	852.3	791.3	725.3	658.6	586.0	518.5	444.6	370.4	269.9	156.8
0°	968.3	868.0	806.6	734.9	667.4	591.6	522.0	446.3	372.6	264.1	153.5
-2.5°	953.1	852.3	791.3	725.3	658.6	586.0	518.5	444.6	370.4	269.9	156.8
-5°	933.7	834.3	774.2	713.7	647.8	578.9	513.4	441.4	366.8	273.8	159.7
-7.5°	916.7	819.4	758.7	700.5	635.5	570.3	506.8	436.6	362.1	275.7	161.8
-10°	896.9	805.8	746.4	688.4	625.2	561.5	499.0	430.2	357.0	275.4	163.1
-12.5°	872.6	789.9	732.1	674.8	613.9	552.4	490.5	422.7	351.7	272.9	163.5
-15°	843.8	771.8	715.9	659.9	601.4	541.8	480.9	413.9	345.3	266.7	162.8
-17.5°	811.9	751.6	697.9	643.7	587.6	529.7	470.2	403.7	338.2	257.8	163.3
-20°	791.6	732.9	678.1	626.5	572.8	516.3	458.5	392.0	330.4	248.5	164.9



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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°	771.3	714.9	660.8	608.4	556.7	501.4	446.0	379.0	321.9	239.1	165.7
-25°	749.0	694.7	642.4	591.2	539.1	485.9	431.3	364.6	312.8	229.8	165.9
-27.5°	725.0	672.5	622.0	572.5	521.0	469.7	413.8	352.8	301.8	220.9	165.5
-30°	698.8	648.7	600.1	552.0	501.6	452.9	395.0	340.9	288.7	216.7	164.4
-32.5°	671.4	622.9	576.6	529.7	481.8	434.6	375.6	328.8	277.0	214.5	164.4
-35°	643.2	596.5	551.5	506.2	460.8	412.7	358.5	316.4	266.9	211.6	164.1
-37.5°	613.7	569.5	525.2	481.9	438.6	391.0	343.2	302.8	258.6	208.1	163.0
-40°	583.1	540.9	498.6	456.6	415.2	369.5	326.0	288.7	253.1	204.0	161.0
-42.5°	551.0	511.0	470.4	430.1	392.2	348.7	307.5	273.9	241.7	200.1	158.1
-45°	517.4	479.2	440.4	405.4	369.2	326.0	290.5	258.6	228.9	195.8	153.7
-47.5°	482.1	445.1	411.3	379.8	341.7	302.8	272.9	243.7	215.5	190.2	147.5
-50°	443.7	412.0	383.1	349.5	312.2	282.9	254.9	228.2	203.1	179.1	140.2
-52.5°	406.8	381.2	350.9	317.1	287.7	262.4	237.1	212.3	190.4	166.2	132.0
-55°	370.5	346.1	315.7	287.6	263.1	241.7	218.7	198.0	177.4	152.2	123.1
-57.5°	330.0	307.7	282.5	258.9	238.7	220.0	201.7	183.3	162.1	138.0	116.6
-60°	288.9	269.9	249.1	231.2	214.3	199.0	185.6	167.5	145.8	124.0	107.7
-62.5°	248.4	232.6	218.9	204.0	190.0	178.6	168.5	149.3	129.3	111.4	97.6
-65°	209.6	198.9	188.8	175.9	165.3	157.2	147.8	130.8	113.0	98.2	86.6
-67.5°	171.8	163.7	155.4	146.6	142.1	135.9	126.8	110.9	96.0	84.4	74.4
-70°	133.4	127.6	126.2	125.3	121.6	114.8	103.2	89.7	78.4	71.1	62.2
-72.5°	102.1	104.1	106.3	105.9	99.8	91.0	79.5	69.2	64.4	58.0	50.1
-75°	78.7	82.8	85.3	83.8	76.8	67.9	60.8	54.9	50.6	44.9	39.7
-77.5°	60.2	62.9	64.0	62.6	57.0	51.4	45.8	40.8	37.7	34.4	30.0
-80°	42.3	43.6	44.0	42.9	38.8	34.8	32.0	29.3	27.2	24.2	20.3
-82.5°	24.5	25.4	26.0	25.9	24.3	22.5	20.7	18.9	16.8	14.0	12.4
-85°	11.7	12.1	12.1	11.8	11.1	10.3	10.4	10.4	9.8	9.1	8.3
-87.5°	3.5	4.0	4.4	4.7	5.0	5.1	5.2	5.2	4.9	4.5	4.1
-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°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
85°	7.4	5.7	4.2	2.9	1.8	0.9	0.0
82.5°	11.0	8.6	6.3	4.4	2.7	1.3	0.0
80°	15.3	11.4	8.4	5.8	3.5	1.8	0.0
77.5°	24.0	15.5	10.5	7.2	4.4	2.2	0.0
75°	32.5	22.2	13.0	8.6	5.3	2.6	0.0
72.5°	40.8	28.7	17.8	10.0	6.1	3.1	0.0
70°	49.2	35.0	22.5	11.7	7.0	3.5	0.0
67.5°	58.9	41.1	27.1	14.9	7.8	3.9	0.0
65°	68.2	47.6	31.5	17.9	8.6	4.3	0.0
62.5°	77.1	54.6	35.8	20.9	9.4	4.7	0.0
60°	85.5	61.2	39.8	23.8	10.2	5.1	0.0
57.5°	91.3	67.4	44.5	26.5	12.0	5.5	0.0
55°	96.2	73.3	48.9	29.2	13.7	5.8	0.0
52.5°	100.3	78.3	53.1	31.6	15.4	6.2	0.0
50°	103.8	80.9	57.0	34.0	17.1	6.6	0.0
47.5°	106.9	82.9	60.6	36.3	18.6	6.9	0.0
45°	112.1	84.4	63.9	38.7	20.1	7.2	0.0
42.5°	116.5	85.4	66.8	40.9	21.5	7.5	0.0
40°	120.1	85.9	68.4	43.3	22.9	7.8	0.0
37.5°	122.9	85.8	68.6	45.7	24.2	8.1	0.0
35°	124.9	86.9	68.5	48.1	25.3	8.4	0.0
32.5°	125.9	88.3	68.1	50.4	26.4	8.6	0.0
30°	125.7	89.1	67.4	52.6	27.5	8.8	0.0
27.5°	125.0	89.3	68.2	54.7	28.4	9.0	0.0
25°	123.6	89.0	68.9	56.8	29.2	9.2	0.0
22.5°	121.6	89.3	69.6	58.7	30.0	9.4	0.0
20°	119.1	91.5	70.2	60.5	30.7	9.6	0.0
17.5°	119.2	93.6	70.6	62.2	31.2	9.7	0.0
15°	121.0	95.4	71.0	63.8	31.7	9.9	0.0
12.5°	122.5	96.9	71.2	65.2	32.1	10.0	0.0
10°	123.6	98.1	71.4	66.4	32.4	10.0	0.0
7.5°	124.4	99.1	71.6	67.5	32.7	10.1	0.0
5°	124.8	99.7	71.7	68.4	32.8	10.2	0.0
2.5°	125.0	100.2	71.7	69.1	32.8	10.2	0.0
0°	124.9	100.3	71.7	69.6	32.8	10.2	0.0
-2.5°	125.0	100.2	71.7	69.1	32.8	10.2	0.0
-5°	124.8	99.7	71.7	68.4	32.8	10.2	0.0
-7.5°	124.4	99.1	71.6	67.5	32.7	10.1	0.0
-10°	123.6	98.1	71.4	66.4	32.4	10.0	0.0
-12.5°	122.5	96.9	71.2	65.2	32.1	10.0	0.0
-15°	121.0	95.4	71.0	63.8	31.7	9.9	0.0
-17.5°	119.2	93.6	70.6	62.2	31.2	9.7	0.0
-20°	119.1	91.5	70.2	60.5	30.7	9.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	121.6	89.3	69.6	58.7	30.0	9.4	0.0
-25°	123.6	89.0	68.9	56.8	29.2	9.2	0.0
-27.5°	125.0	89.3	68.2	54.7	28.4	9.0	0.0
-30°	125.7	89.1	67.4	52.6	27.5	8.8	0.0
-32.5°	125.9	88.3	68.1	50.4	26.4	8.6	0.0
-35°	124.9	86.9	68.5	48.1	25.3	8.4	0.0
-37.5°	122.9	85.8	68.6	45.7	24.2	8.1	0.0
-40°	120.1	85.9	68.4	43.3	22.9	7.8	0.0
-42.5°	116.5	85.4	66.8	40.9	21.5	7.5	0.0
-45°	112.1	84.4	63.9	38.7	20.1	7.2	0.0
-47.5°	106.9	82.9	60.6	36.3	18.6	6.9	0.0
-50°	103.8	80.9	57.0	34.0	17.1	6.6	0.0
-52.5°	100.3	78.3	53.1	31.6	15.4	6.2	0.0
-55°	96.2	73.3	48.9	29.2	13.7	5.8	0.0
-57.5°	91.3	67.4	44.5	26.5	12.0	5.5	0.0
-60°	85.5	61.2	39.8	23.8	10.2	5.1	0.0
-62.5°	77.1	54.6	35.8	20.9	9.4	4.7	0.0
-65°	68.2	47.6	31.5	17.9	8.6	4.3	0.0
-67.5°	58.9	41.1	27.1	14.9	7.8	3.9	0.0
-70°	49.2	35.0	22.5	11.7	7.0	3.5	0.0
-72.5°	40.8	28.7	17.8	10.0	6.1	3.1	0.0
-75°	32.5	22.2	13.0	8.6	5.3	2.6	0.0
-77.5°	24.0	15.5	10.5	7.2	4.4	2.2	0.0
-80°	15.3	11.4	8.4	5.8	3.5	1.8	0.0
-82.5°	11.0	8.6	6.3	4.4	2.7	1.3	0.0
-85°	7.4	5.7	4.2	2.9	1.8	0.9	0.0
-87.5°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)