

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: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-940-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559061 (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-940-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (80) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

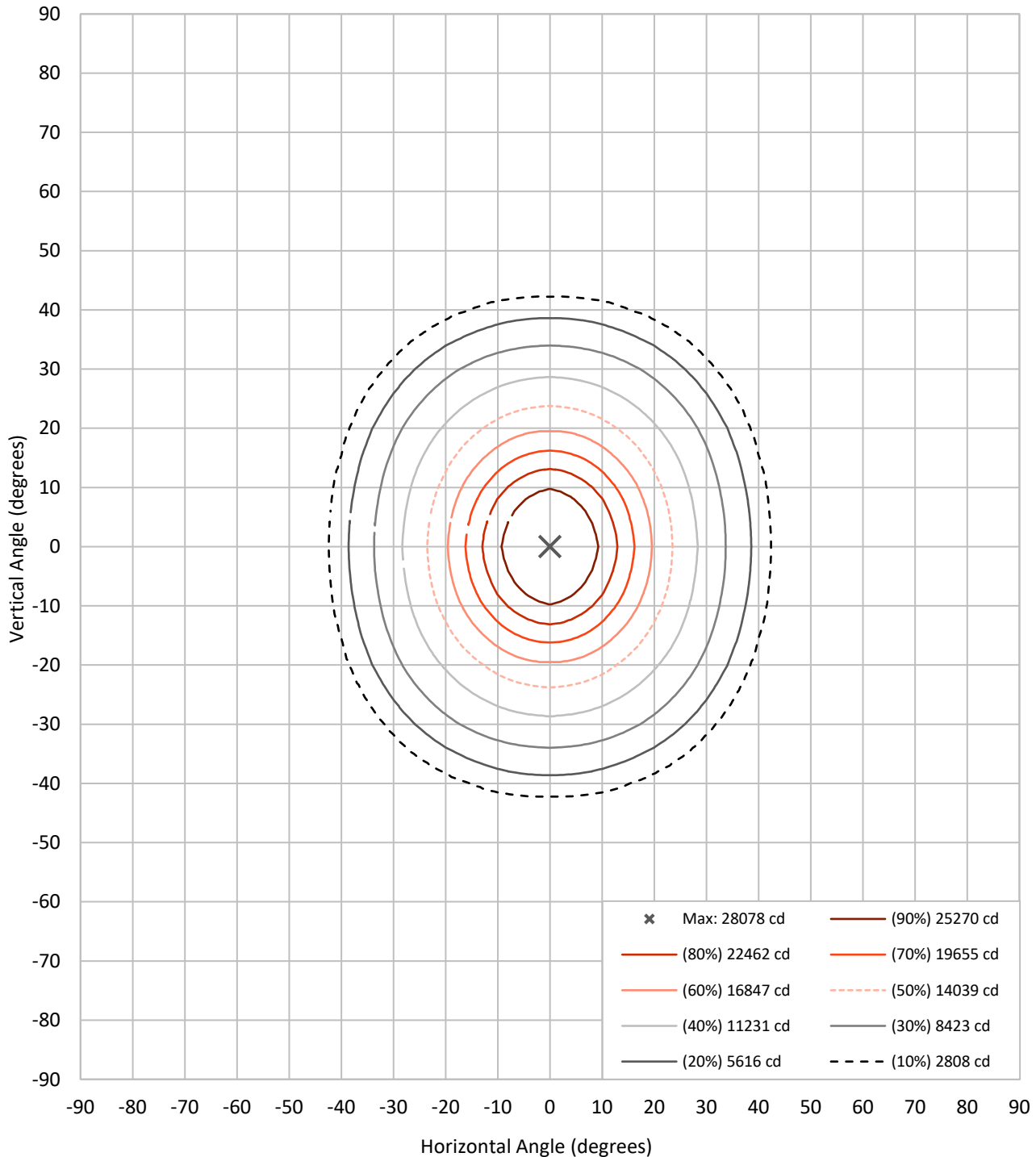
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21857.2 lumens	Max Intensity:	28078 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	10313.7 lumens	Field Lumens:	19846.3 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





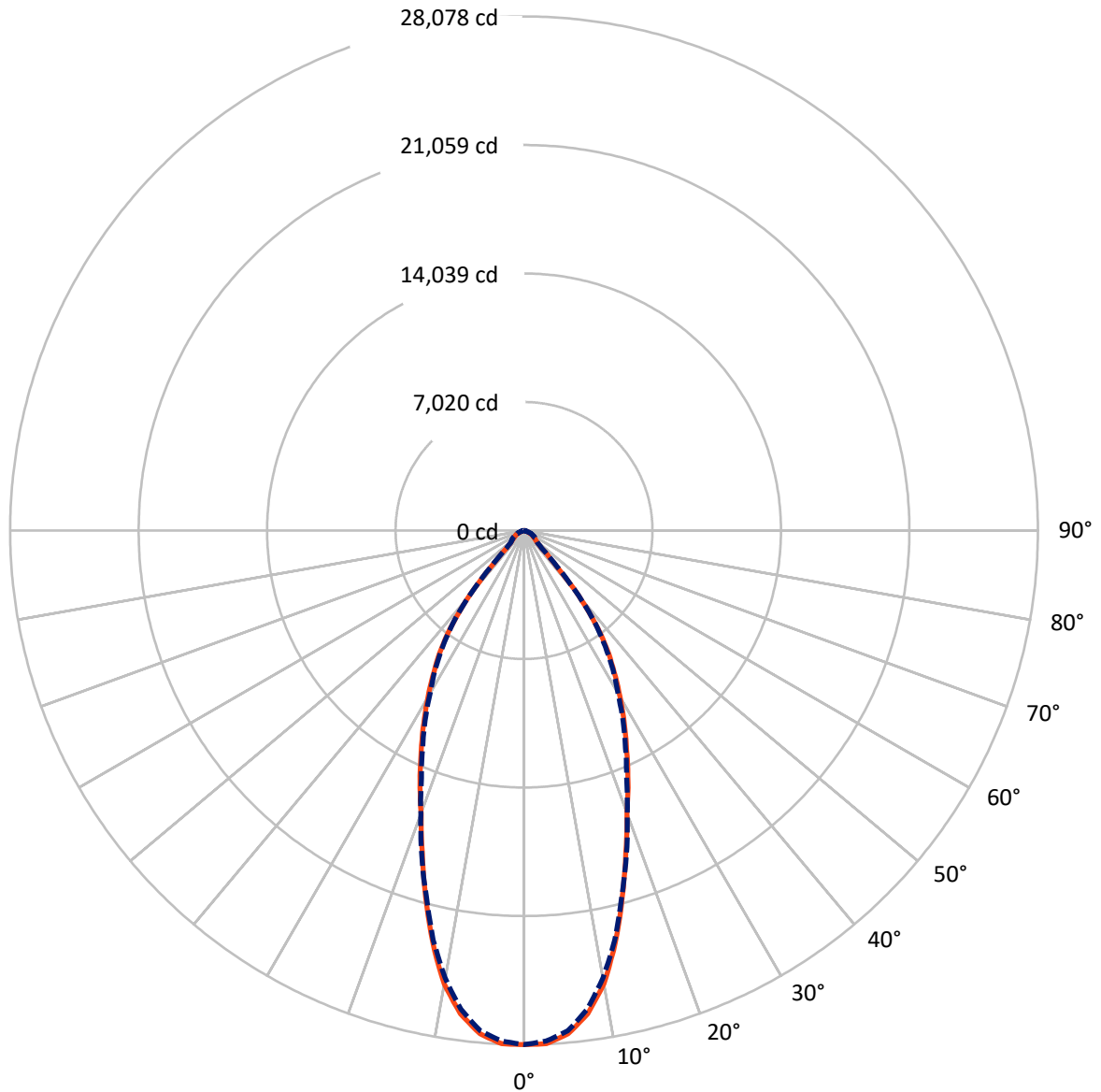
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### Lumen Table

90																			
80	0.4	2.7		6.0		9.9		7.7		9.9		6.0		2.7		0.4			
70																			
60	1.5	1.7	3.2	4.9	7.0	8.7	10.0	10.8	10.8	10.0	8.7	7.0	4.9	3.2	1.7	1.5			
50		2.6	5.2	8.8	12.6	15.7	17.9	19.8	19.8	17.9	15.7	12.6	8.8	5.2	2.6				
40	2.3	3.5	7.3	12.3	17.9	24.5	38.8	54.4	54.4	38.8	24.5	17.9	12.3	7.3	3.5	2.3			
30		4.2	9.1	15.3	28.8	92.1	179.3	228.5	228.5	179.3	92.1	28.8	15.3	9.1	4.2				
20	2.6	4.9	10.7	19.2	84.2	220.0	324.7	393.2	393.2	324.7	220.0	84.2	19.2	10.7	4.9	2.6			
10		5.5	11.9	29.4	153.1	303.7	461.5	600.7	600.7	461.5	303.7	153.1	29.4	11.9	5.5				
0	2.7	5.9	12.9	40.6	186.6	354.4	580.4	785.0	785.0	580.4	354.4	186.6	40.6	12.9	5.9	2.7			
-10		5.9	12.9	40.6	186.6	354.4	580.4	785.0	785.0	580.4	354.4	186.6	40.6	12.9	5.9				
-20	2.6	5.5	11.9	29.4	153.1	303.7	461.5	600.7	600.7	461.5	303.7	153.1	29.4	11.9	5.5	2.6			
-30		4.9	10.7	19.2	84.2	220.0	324.7	393.2	393.2	324.7	220.0	84.2	19.2	10.7	4.9				
-40	2.3	4.2	9.1	15.3	28.8	92.1	179.3	228.5	228.5	179.3	92.1	28.8	15.3	9.1	4.2	2.3			
-50		3.5	7.3	12.3	17.9	24.5	38.8	54.4	54.4	38.8	24.5	17.9	12.3	7.3	3.5				
-60	1.5	2.6	5.2	8.8	12.6	15.7	17.9	19.8	19.8	17.9	15.7	12.6	8.8	5.2	2.6	1.5			
-70		1.7	3.2	4.9	7.0	8.7	10.0	10.8	10.8	10.0	8.7	7.0	4.9	3.2	1.7				
-80																			
-90	0.4	2.7		6.0		9.9		7.7		9.9		6.0		2.7		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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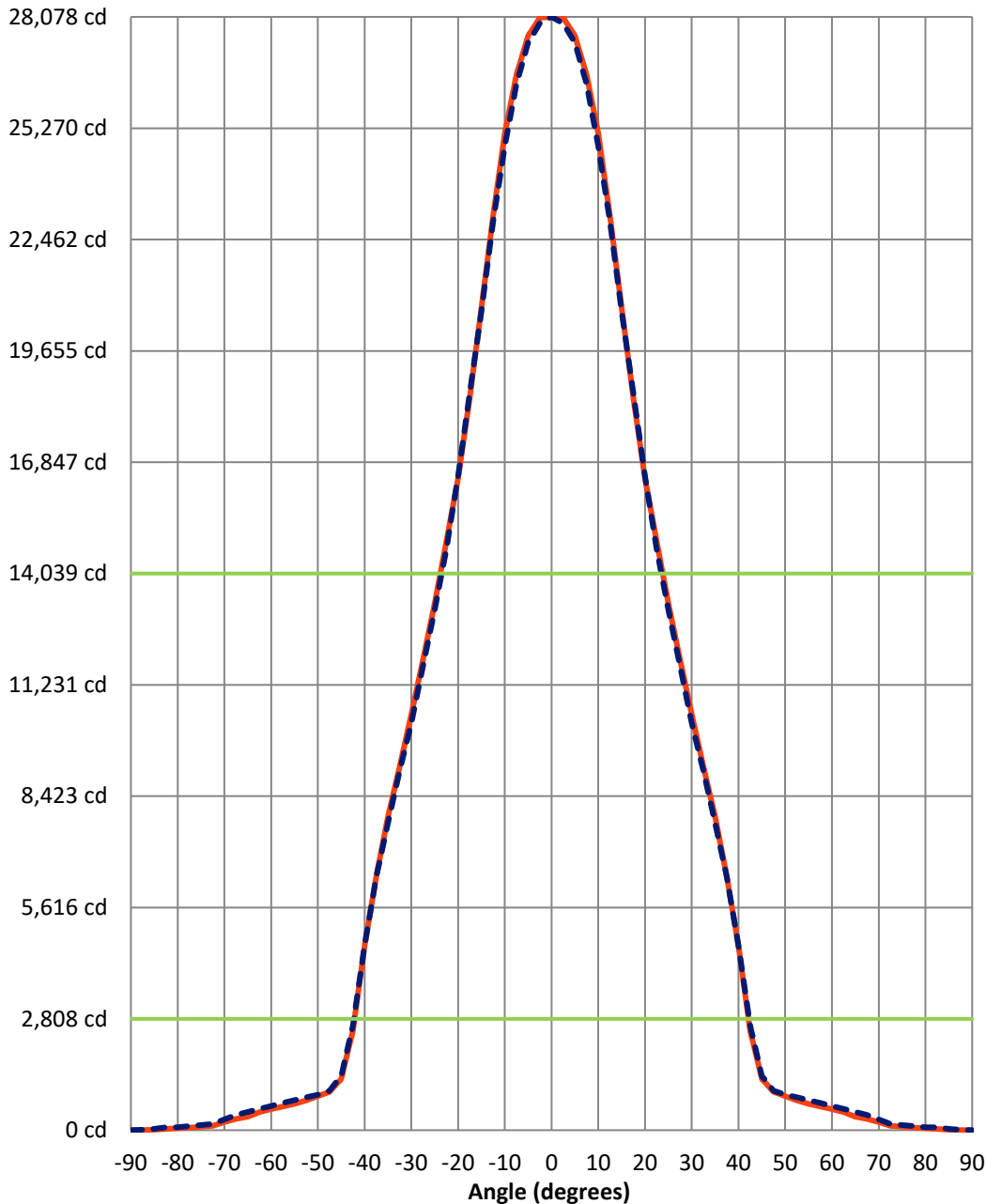
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 10313.7  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 19846.3  
Efficiency: 90.8%

**Spill:**  
Lumens: 2010.9  
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	0.5	0.9	1.5	2.2	3.0	3.8	4.3	4.7	5.0	5.3
85°	0.0	0.9	1.8	3.0	4.4	5.9	7.6	8.6	9.4	10.1	10.7
82.5°	0.0	1.4	2.7	4.5	6.6	8.9	11.4	12.8	14.5	17.3	19.4
80°	0.0	1.8	3.6	6.0	8.7	11.8	15.8	20.9	24.9	28.0	30.2
77.5°	0.0	2.3	4.5	7.4	10.8	16.0	24.7	30.9	35.4	38.9	42.0
75°	0.0	2.7	5.4	8.9	13.4	22.9	33.5	40.9	46.3	52.1	56.6
72.5°	0.0	3.2	6.3	10.3	18.4	29.5	42.1	51.6	59.8	66.3	71.3
70°	0.0	3.6	7.2	12.0	23.2	36.0	50.7	64.1	73.3	80.8	92.3
67.5°	0.0	4.0	8.0	15.3	27.9	42.3	60.7	76.7	86.9	98.9	114.2
65°	0.0	4.4	8.9	18.5	32.5	49.1	70.3	89.3	101.2	116.3	134.7
62.5°	0.0	4.8	9.7	21.5	36.8	56.2	79.4	100.6	114.8	133.1	153.7
60°	0.0	5.2	10.5	24.5	41.0	63.0	88.1	111.0	127.7	150.2	172.5
57.5°	0.0	5.6	12.3	27.3	45.8	69.4	94.0	120.1	142.1	166.9	188.8
55°	0.0	6.0	14.1	30.0	50.4	75.5	99.0	126.8	156.8	182.7	203.8
52.5°	0.0	6.4	15.9	32.6	54.7	80.7	103.3	135.9	171.1	196.1	218.6
50°	0.0	6.7	17.6	35.0	58.7	83.2	106.9	144.4	184.4	209.1	234.9
47.5°	0.0	7.1	19.2	37.3	62.3	85.3	110.1	151.9	195.8	221.9	250.9
45°	0.0	7.4	20.7	39.8	65.7	86.9	115.5	158.3	201.6	235.6	266.3
42.5°	0.0	7.7	22.2	42.1	68.8	87.9	120.0	162.8	206.0	248.8	282.0
40°	0.0	8.0	23.5	44.5	70.4	88.4	123.7	165.7	210.0	260.6	297.2
37.5°	0.0	8.3	24.8	47.0	70.6	88.4	126.5	167.8	214.3	266.3	311.7
35°	0.0	8.6	26.1	49.5	70.5	89.5	128.6	169.0	217.9	274.8	325.7
32.5°	0.0	8.9	27.2	51.8	70.1	90.9	129.6	169.3	220.9	285.2	338.5
30°	0.0	9.1	28.2	54.1	69.4	91.7	129.5	169.3	223.1	297.2	351.0
27.5°	0.0	9.3	29.2	56.3	70.1	92.0	128.7	170.4	227.5	310.8	363.3
25°	0.0	9.5	30.1	58.4	70.9	91.7	127.3	170.9	236.6	322.1	375.4
22.5°	0.0	9.7	30.8	60.4	71.6	91.9	125.3	170.6	246.2	331.4	390.2
20°	0.0	9.9	31.5	62.3	72.2	94.3	122.6	169.7	255.9	340.2	403.6
17.5°	0.0	10.0	32.1	64.0	72.7	96.4	122.8	168.2	265.4	348.3	415.7
15°	0.0	10.1	32.6	65.6	73.1	98.2	124.6	167.7	274.7	355.6	426.2
12.5°	0.0	10.3	33.0	67.1	73.3	99.7	126.1	168.3	281.0	362.2	435.3
10°	0.0	10.3	33.3	68.4	73.5	101.0	127.3	168.0	283.6	367.6	443.0
7.5°	0.0	10.4	33.6	69.5	73.7	102.0	128.1	166.6	283.9	372.9	449.5
5°	0.0	10.5	33.7	70.4	73.8	102.7	128.6	164.4	281.9	377.6	454.4
2.5°	0.0	10.5	33.7	71.2	73.8	103.2	128.7	161.5	277.9	381.4	457.7
0°	0.0	10.5	33.7	71.7	73.8	103.3	128.6	158.1	271.9	383.6	459.5
-2.5°	0.0	10.5	33.7	71.2	73.8	103.2	128.7	161.5	277.9	381.4	457.7
-5°	0.0	10.5	33.7	70.4	73.8	102.7	128.6	164.4	281.9	377.6	454.4
-7.5°	0.0	10.4	33.6	69.5	73.7	102.0	128.1	166.6	283.9	372.9	449.5
-10°	0.0	10.3	33.3	68.4	73.5	101.0	127.3	168.0	283.6	367.6	443.0
-12.5°	0.0	10.3	33.0	67.1	73.3	99.7	126.1	168.3	281.0	362.2	435.3
-15°	0.0	10.1	32.6	65.6	73.1	98.2	124.6	167.7	274.7	355.6	426.2
-17.5°	0.0	10.0	32.1	64.0	72.7	96.4	122.8	168.2	265.4	348.3	415.7
-20°	0.0	9.9	31.5	62.3	72.2	94.3	122.6	169.7	255.9	340.2	403.6



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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	9.7	30.8	60.4	71.6	91.9	125.3	170.6	246.2	331.4	390.2
-25°	0.0	9.5	30.1	58.4	70.9	91.7	127.3	170.9	236.6	322.1	375.4
-27.5°	0.0	9.3	29.2	56.3	70.1	92.0	128.7	170.4	227.5	310.8	363.3
-30°	0.0	9.1	28.2	54.1	69.4	91.7	129.5	169.3	223.1	297.2	351.0
-32.5°	0.0	8.9	27.2	51.8	70.1	90.9	129.6	169.3	220.9	285.2	338.5
-35°	0.0	8.6	26.1	49.5	70.5	89.5	128.6	169.0	217.9	274.8	325.7
-37.5°	0.0	8.3	24.8	47.0	70.6	88.4	126.5	167.8	214.3	266.3	311.7
-40°	0.0	8.0	23.5	44.5	70.4	88.4	123.7	165.7	210.0	260.6	297.2
-42.5°	0.0	7.7	22.2	42.1	68.8	87.9	120.0	162.8	206.0	248.8	282.0
-45°	0.0	7.4	20.7	39.8	65.7	86.9	115.5	158.3	201.6	235.6	266.3
-47.5°	0.0	7.1	19.2	37.3	62.3	85.3	110.1	151.9	195.8	221.9	250.9
-50°	0.0	6.7	17.6	35.0	58.7	83.2	106.9	144.4	184.4	209.1	234.9
-52.5°	0.0	6.4	15.9	32.6	54.7	80.7	103.3	135.9	171.1	196.1	218.6
-55°	0.0	6.0	14.1	30.0	50.4	75.5	99.0	126.8	156.8	182.7	203.8
-57.5°	0.0	5.6	12.3	27.3	45.8	69.4	94.0	120.1	142.1	166.9	188.8
-60°	0.0	5.2	10.5	24.5	41.0	63.0	88.1	111.0	127.7	150.2	172.5
-62.5°	0.0	4.8	9.7	21.5	36.8	56.2	79.4	100.6	114.8	133.1	153.7
-65°	0.0	4.4	8.9	18.5	32.5	49.1	70.3	89.3	101.2	116.3	134.7
-67.5°	0.0	4.0	8.0	15.3	27.9	42.3	60.7	76.7	86.9	98.9	114.2
-70°	0.0	3.6	7.2	12.0	23.2	36.0	50.7	64.1	73.3	80.8	92.3
-72.5°	0.0	3.2	6.3	10.3	18.4	29.5	42.1	51.6	59.8	66.3	71.3
-75°	0.0	2.7	5.4	8.9	13.4	22.9	33.5	40.9	46.3	52.1	56.6
-77.5°	0.0	2.3	4.5	7.4	10.8	16.0	24.7	30.9	35.4	38.9	42.0
-80°	0.0	1.8	3.6	6.0	8.7	11.8	15.8	20.9	24.9	28.0	30.2
-82.5°	0.0	1.4	2.7	4.5	6.6	8.9	11.4	12.8	14.5	17.3	19.4
-85°	0.0	0.9	1.8	3.0	4.4	5.9	7.6	8.6	9.4	10.1	10.7
-87.5°	0.0	0.5	0.9	1.5	2.2	3.0	3.8	4.3	4.7	5.0	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):**

	-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°	5.3	5.3	5.1	4.8	4.5	4.1	3.6	3.0	3.1	3.2	3.3
85°	10.7	10.5	11.4	12.1	12.4	12.4	12.0	11.3	12.9	14.8	16.8
82.5°	21.3	23.2	24.9	26.6	26.7	26.1	25.2	24.2	27.9	32.4	37.3
80°	32.9	35.8	39.9	44.1	45.3	44.9	43.5	41.2	46.3	53.7	62.2
77.5°	47.2	52.9	58.7	64.5	65.9	64.7	61.9	57.6	64.1	76.2	89.7
75°	62.7	69.9	79.1	86.3	87.8	85.2	81.0	77.2	85.1	100.2	114.6
72.5°	81.8	93.7	102.7	109.1	109.5	107.2	105.1	103.2	112.0	129.8	144.6
70°	106.3	118.2	125.2	129.1	129.9	131.4	137.4	143.0	151.8	167.0	179.2
67.5°	130.5	140.0	146.3	150.9	160.0	168.6	176.8	185.3	195.1	208.1	217.3
65°	152.1	161.8	170.2	181.1	194.3	204.7	215.8	227.8	241.3	253.5	262.4
62.5°	173.5	183.8	195.6	210.0	225.4	239.4	255.7	272.3	288.4	302.2	317.4
60°	191.0	204.9	220.6	238.0	256.5	277.8	297.4	316.6	334.2	351.5	372.8
57.5°	207.7	226.5	245.7	266.6	290.9	316.8	339.8	360.8	382.9	408.0	428.8
55°	225.2	248.8	271.0	296.2	325.1	356.4	381.5	405.3	432.5	462.6	486.0
52.5°	244.1	270.2	296.2	326.5	361.3	392.5	418.8	448.4	481.5	514.1	541.2
50°	262.5	291.3	321.4	359.9	394.5	424.2	456.8	492.6	527.2	560.7	592.7
47.5°	281.0	311.8	351.9	391.1	423.5	458.3	496.4	533.3	569.5	604.4	638.0
45°	299.1	335.7	380.2	417.4	453.5	493.4	532.8	571.4	609.6	646.7	683.3
42.5°	316.6	359.1	403.9	442.9	484.4	526.2	567.3	608.1	648.4	688.2	727.2
40°	335.7	380.5	427.6	470.2	513.4	557.0	600.4	643.4	685.9	728.0	769.5
37.5°	353.3	402.6	451.7	496.3	540.8	586.4	631.8	677.5	722.3	766.2	813.4
35°	369.1	425.0	474.5	521.3	567.9	614.2	662.3	710.3	757.5	805.1	865.4
32.5°	386.8	447.5	496.0	545.4	593.7	641.4	691.3	742.1	792.4	848.0	934.6
30°	406.7	466.3	516.5	568.4	617.9	667.9	719.6	772.6	825.4	912.0	1111.9
27.5°	426.1	483.6	536.4	589.5	640.4	692.4	746.6	801.4	875.1	1008.1	1332.6
25°	444.0	500.3	555.1	608.8	661.4	715.3	771.3	828.3	928.3	1197.0	1913.8
22.5°	459.2	516.3	573.3	626.5	680.4	736.1	794.2	870.0	1024.5	1387.6	2560.4
20°	472.1	531.6	589.8	645.1	698.1	754.6	815.1	909.6	1170.7	1932.0	3335.4
17.5°	484.1	545.5	605.1	662.8	718.5	773.9	835.9	943.9	1302.2	2405.1	4114.6
15°	495.2	557.9	619.2	679.5	737.1	794.7	868.9	1041.2	1568.4	2874.8	4808.7
12.5°	505.1	568.8	632.1	694.9	753.8	813.4	898.5	1137.8	1894.3	3425.8	5282.4
10°	513.8	578.1	643.7	708.9	768.6	829.7	923.5	1217.2	2162.3	3878.9	5663.1
7.5°	521.9	587.2	654.4	721.3	781.3	843.7	943.9	1279.1	2369.3	4220.2	5966.9
5°	528.7	596.0	667.1	734.9	797.2	859.0	961.5	1323.6	2514.7	4450.1	6188.1
2.5°	533.9	603.4	678.1	746.9	814.8	877.6	981.5	1356.6	2608.4	4596.7	6329.7
0°	537.5	609.2	687.2	756.8	830.5	893.8	997.1	1372.3	2643.4	4650.2	6382.9
-2.5°	533.9	603.4	678.1	746.9	814.8	877.6	981.5	1356.6	2608.4	4596.7	6329.7
-5°	528.7	596.0	667.1	734.9	797.2	859.0	961.5	1323.6	2514.7	4450.1	6188.1
-7.5°	521.9	587.2	654.4	721.3	781.3	843.7	943.9	1279.1	2369.3	4220.2	5966.9
-10°	513.8	578.1	643.7	708.9	768.6	829.7	923.5	1217.2	2162.3	3878.9	5663.1
-12.5°	505.1	568.8	632.1	694.9	753.8	813.4	898.5	1137.8	1894.3	3425.8	5282.4
-15°	495.2	557.9	619.2	679.5	737.1	794.7	868.9	1041.2	1568.4	2874.8	4808.7
-17.5°	484.1	545.5	605.1	662.8	718.5	773.9	835.9	943.9	1302.2	2405.1	4114.6
-20°	472.1	531.6	589.8	645.1	698.1	754.6	815.1	909.6	1170.7	1932.0	3335.4



REPORT NUMBER: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	459.2	516.3	573.3	626.5	680.4	736.1	794.2	870.0	1024.5	1387.6	2560.4
-25°	444.0	500.3	555.1	608.8	661.4	715.3	771.3	828.3	928.3	1197.0	1913.8
-27.5°	426.1	483.6	536.4	589.5	640.4	692.4	746.6	801.4	875.1	1008.1	1332.6
-30°	406.7	466.3	516.5	568.4	617.9	667.9	719.6	772.6	825.4	912.0	1111.9
-32.5°	386.8	447.5	496.0	545.4	593.7	641.4	691.3	742.1	792.4	848.0	934.6
-35°	369.1	425.0	474.5	521.3	567.9	614.2	662.3	710.3	757.5	805.1	865.4
-37.5°	353.3	402.6	451.7	496.3	540.8	586.4	631.8	677.5	722.3	766.2	813.4
-40°	335.7	380.5	427.6	470.2	513.4	557.0	600.4	643.4	685.9	728.0	769.5
-42.5°	316.6	359.1	403.9	442.9	484.4	526.2	567.3	608.1	648.4	688.2	727.2
-45°	299.1	335.7	380.2	417.4	453.5	493.4	532.8	571.4	609.6	646.7	683.3
-47.5°	281.0	311.8	351.9	391.1	423.5	458.3	496.4	533.3	569.5	604.4	638.0
-50°	262.5	291.3	321.4	359.9	394.5	424.2	456.8	492.6	527.2	560.7	592.7
-52.5°	244.1	270.2	296.2	326.5	361.3	392.5	418.8	448.4	481.5	514.1	541.2
-55°	225.2	248.8	271.0	296.2	325.1	356.4	381.5	405.3	432.5	462.6	486.0
-57.5°	207.7	226.5	245.7	266.6	290.9	316.8	339.8	360.8	382.9	408.0	428.8
-60°	191.0	204.9	220.6	238.0	256.5	277.8	297.4	316.6	334.2	351.5	372.8
-62.5°	173.5	183.8	195.6	210.0	225.4	239.4	255.7	272.3	288.4	302.2	317.4
-65°	152.1	161.8	170.2	181.1	194.3	204.7	215.8	227.8	241.3	253.5	262.4
-67.5°	130.5	140.0	146.3	150.9	160.0	168.6	176.8	185.3	195.1	208.1	217.3
-70°	106.3	118.2	125.2	129.1	129.9	131.4	137.4	143.0	151.8	167.0	179.2
-72.5°	81.8	93.7	102.7	109.1	109.5	107.2	105.1	103.2	112.0	129.8	144.6
-75°	62.7	69.9	79.1	86.3	87.8	85.2	81.0	77.2	85.1	100.2	114.6
-77.5°	47.2	52.9	58.7	64.5	65.9	64.7	61.9	57.6	64.1	76.2	89.7
-80°	32.9	35.8	39.9	44.1	45.3	44.9	43.5	41.2	46.3	53.7	62.2
-82.5°	21.3	23.2	24.9	26.6	26.7	26.1	25.2	24.2	27.9	32.4	37.3
-85°	10.7	10.5	11.4	12.1	12.4	12.4	12.0	11.3	12.9	14.8	16.8
-87.5°	5.3	5.3	5.1	4.8	4.5	4.1	3.6	3.0	3.1	3.2	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: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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	3.7	3.8	3.9	3.9	4.0	4.1	3.6	3.1
85°	19.0	18.4	17.4	16.1	14.6	15.4	16.3	17.1	18.0	16.8	15.4
82.5°	42.5	43.1	43.1	43.0	42.8	44.6	46.4	47.9	49.2	45.5	41.1
80°	71.6	75.1	77.1	78.9	80.5	80.5	79.4	77.5	74.9	68.5	61.4
77.5°	103.5	108.9	111.6	114.3	117.1	118.0	118.7	119.4	120.1	109.0	94.8
75°	128.4	136.4	141.0	145.3	149.3	151.6	152.8	153.6	154.0	140.6	123.3
72.5°	156.6	164.4	170.0	175.3	180.3	183.5	185.4	186.8	187.8	176.1	159.6
70°	187.8	194.0	200.6	207.2	213.3	217.4	220.2	222.4	224.0	222.9	222.0
67.5°	224.6	230.1	238.1	244.4	250.8	255.3	260.0	263.8	266.6	269.7	273.2
65°	270.8	283.7	295.5	301.6	302.4	308.9	319.7	326.5	329.9	332.7	336.2
62.5°	334.9	350.7	359.2	369.2	382.2	394.3	398.9	405.2	412.6	421.6	431.9
60°	389.9	403.0	416.5	430.4	442.4	452.3	463.2	474.0	483.8	492.8	501.6
57.5°	446.2	460.5	474.2	490.6	501.9	508.7	519.2	532.2	542.1	549.9	561.7
55°	504.5	523.0	541.7	556.4	567.1	574.2	582.2	594.7	602.1	604.9	618.6
52.5°	563.1	585.0	608.0	625.3	636.7	647.3	657.2	668.1	675.6	679.2	692.6
50°	617.4	643.5	669.2	691.6	706.8	724.5	744.5	754.4	760.7	767.8	782.7
47.5°	669.1	698.2	725.7	751.1	773.1	792.9	810.1	826.7	851.1	870.5	889.7
45°	718.8	749.8	779.6	808.2	832.6	871.4	908.4	939.9	1024.0	1094.7	1148.6
42.5°	765.5	803.0	836.6	884.1	935.8	1025.5	1163.9	1292.2	1540.3	1859.8	2126.6
40°	814.3	862.9	923.1	1015.5	1190.6	1370.5	1908.5	2387.9	2859.3	3395.5	3854.9
37.5°	871.2	944.5	1120.7	1329.7	1890.9	2511.5	3274.0	4022.4	4674.0	5231.5	5697.0
35°	946.6	1173.0	1502.1	2263.8	3092.9	4110.6	4989.3	5693.1	6336.8	6853.5	7242.3
32.5°	1168.7	1583.0	2452.4	3499.9	4640.3	5623.6	6479.4	7153.3	7740.5	8203.5	8564.0
30°	1493.9	2446.0	3626.8	4881.4	6017.3	6956.1	7746.9	8389.2	8913.4	9384.5	9780.0
27.5°	2266.7	3491.8	4879.7	6159.3	7192.5	8071.5	8780.8	9417.1	9995.0	10491.1	10958.8
25°	3112.3	4629.0	6028.8	7193.4	8157.7	8982.3	9730.5	10426.4	11073.4	11654.1	12198.1
22.5°	4127.9	5640.4	6978.3	8056.2	8990.6	9837.7	10632.4	11406.9	12160.1	12868.6	13526.8
20°	5047.3	6531.8	7698.4	8774.9	9745.7	10628.5	11504.2	12407.0	13276.2	14129.7	14922.2
17.5°	5763.9	7144.9	8316.1	9407.3	10395.4	11395.1	12397.4	13434.3	14482.7	15473.8	16421.8
15°	6362.2	7656.3	8843.2	9934.2	11020.7	12123.7	13243.5	14464.9	15711.9	16898.3	18106.7
12.5°	6786.3	8083.0	9286.3	10381.1	11599.1	12796.5	14100.0	15492.1	16932.3	18314.2	19798.5
10°	7127.3	8423.5	9616.7	10797.1	12086.2	13413.8	14875.8	16409.1	18127.6	19764.0	21363.2
7.5°	7419.9	8707.5	9882.1	11136.3	12491.4	13950.6	15540.6	17274.3	19134.0	20954.9	22858.4
5°	7634.0	8901.1	10088.3	11414.4	12802.9	14342.8	16053.4	17905.9	19900.4	21895.5	23778.0
2.5°	7747.3	9011.6	10216.5	11586.9	12985.6	14580.5	16362.0	18325.5	20432.2	22609.1	24465.3
0°	7744.6	9057.9	10265.8	11703.4	13119.9	14652.4	16494.8	18594.3	20649.6	22911.4	24817.0
-2.5°	7747.3	9011.6	10216.5	11586.9	12985.6	14580.5	16362.0	18325.5	20432.2	22609.1	24465.3
-5°	7634.0	8901.1	10088.3	11414.4	12802.9	14342.8	16053.4	17905.9	19900.4	21895.5	23778.0
-7.5°	7419.9	8707.5	9882.1	11136.3	12491.4	13950.6	15540.6	17274.3	19134.0	20954.9	22858.4
-10°	7127.3	8423.5	9616.7	10797.1	12086.2	13413.8	14875.8	16409.1	18127.6	19764.0	21363.2
-12.5°	6786.3	8083.0	9286.3	10381.1	11599.1	12796.5	14100.0	15492.1	16932.3	18314.2	19798.5
-15°	6362.2	7656.3	8843.2	9934.2	11020.7	12123.7	13243.5	14464.9	15711.9	16898.3	18106.7
-17.5°	5763.9	7144.9	8316.1	9407.3	10395.4	11395.1	12397.4	13434.3	14482.7	15473.8	16421.8
-20°	5047.3	6531.8	7698.4	8774.9	9745.7	10628.5	11504.2	12407.0	13276.2	14129.7	14922.2



REPORT NUMBER: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4127.9	5640.4	6978.3	8056.2	8990.6	9837.7	10632.4	11406.9	12160.1	12868.6	13526.8
-25°	3112.3	4629.0	6028.8	7193.4	8157.7	8982.3	9730.5	10426.4	11073.4	11654.1	12198.1
-27.5°	2266.7	3491.8	4879.7	6159.3	7192.5	8071.5	8780.8	9417.1	9995.0	10491.1	10958.8
-30°	1493.9	2446.0	3626.8	4881.4	6017.3	6956.1	7746.9	8389.2	8913.4	9384.5	9780.0
-32.5°	1168.7	1583.0	2452.4	3499.9	4640.3	5623.6	6479.4	7153.3	7740.5	8203.5	8564.0
-35°	946.6	1173.0	1502.1	2263.8	3092.9	4110.6	4989.3	5693.1	6336.8	6853.5	7242.3
-37.5°	871.2	944.5	1120.7	1329.7	1890.9	2511.5	3274.0	4022.4	4674.0	5231.5	5697.0
-40°	814.3	862.9	923.1	1015.5	1190.6	1370.5	1908.5	2387.9	2859.3	3395.5	3854.9
-42.5°	765.5	803.0	836.6	884.1	935.8	1025.5	1163.9	1292.2	1540.3	1859.8	2126.6
-45°	718.8	749.8	779.6	808.2	832.6	871.4	908.4	939.9	1024.0	1094.7	1148.6
-47.5°	669.1	698.2	725.7	751.1	773.1	792.9	810.1	826.7	851.1	870.5	889.7
-50°	617.4	643.5	669.2	691.6	706.8	724.5	744.5	754.4	760.7	767.8	782.7
-52.5°	563.1	585.0	608.0	625.3	636.7	647.3	657.2	668.1	675.6	679.2	692.6
-55°	504.5	523.0	541.7	556.4	567.1	574.2	582.2	594.7	602.1	604.9	618.6
-57.5°	446.2	460.5	474.2	490.6	501.9	508.7	519.2	532.2	542.1	549.9	561.7
-60°	389.9	403.0	416.5	430.4	442.4	452.3	463.2	474.0	483.8	492.8	501.6
-62.5°	334.9	350.7	359.2	369.2	382.2	394.3	398.9	405.2	412.6	421.6	431.9
-65°	270.8	283.7	295.5	301.6	302.4	308.9	319.7	326.5	329.9	332.7	336.2
-67.5°	224.6	230.1	238.1	244.4	250.8	255.3	260.0	263.8	266.6	269.7	273.2
-70°	187.8	194.0	200.6	207.2	213.3	217.4	220.2	222.4	224.0	222.9	222.0
-72.5°	156.6	164.4	170.0	175.3	180.3	183.5	185.4	186.8	187.8	176.1	159.6
-75°	128.4	136.4	141.0	145.3	149.3	151.6	152.8	153.6	154.0	140.6	123.3
-77.5°	103.5	108.9	111.6	114.3	117.1	118.0	118.7	119.4	120.1	109.0	94.8
-80°	71.6	75.1	77.1	78.9	80.5	80.5	79.4	77.5	74.9	68.5	61.4
-82.5°	42.5	43.1	43.1	43.0	42.8	44.6	46.4	47.9	49.2	45.5	41.1
-85°	19.0	18.4	17.4	16.1	14.6	15.4	16.3	17.1	18.0	16.8	15.4
-87.5°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	3.6	3.1
-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: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.6	4.1	4.0
85°	14.0	12.5	12.6	12.6	12.6	12.5	14.0	15.4	16.8	18.0	17.1
82.5°	36.4	31.5	31.5	31.6	31.5	31.5	36.4	41.1	45.5	49.2	47.9
80°	54.1	46.4	47.4	48.5	47.4	46.4	54.1	61.4	68.5	74.9	77.5
77.5°	79.6	63.7	63.1	63.2	63.1	63.7	79.6	94.8	109.0	120.1	119.4
75°	105.4	87.1	86.3	86.4	86.3	87.1	105.4	123.3	140.6	154.0	153.6
72.5°	142.6	125.1	117.1	109.6	117.1	125.1	142.6	159.6	176.1	187.8	186.8
70°	222.2	222.7	214.9	204.5	214.9	222.7	222.2	222.0	222.9	224.0	222.4
67.5°	276.2	278.4	281.7	284.6	281.7	278.4	276.2	273.2	269.7	266.6	263.8
65°	337.7	337.6	338.8	339.4	338.8	337.6	337.7	336.2	332.7	329.9	326.5
62.5°	440.7	447.8	452.8	455.3	452.8	447.8	440.7	431.9	421.6	412.6	405.2
60°	509.0	514.8	523.0	531.2	523.0	514.8	509.0	501.6	492.8	483.8	474.0
57.5°	572.7	582.6	590.6	596.6	590.6	582.6	572.7	561.7	549.9	542.1	532.2
55°	631.6	643.1	654.1	664.0	654.1	643.1	631.6	618.6	604.9	602.1	594.7
52.5°	705.5	714.9	730.5	750.4	730.5	714.9	705.5	692.6	679.2	675.6	668.1
50°	799.9	814.2	834.0	857.9	834.0	814.2	799.9	782.7	767.8	760.7	754.4
47.5°	909.1	923.5	942.5	967.6	942.5	923.5	909.1	889.7	870.5	851.1	826.7
45°	1197.9	1231.7	1262.5	1296.4	1262.5	1231.7	1197.9	1148.6	1094.7	1024.0	939.9
42.5°	2340.4	2488.2	2552.1	2514.8	2552.1	2488.2	2340.4	2126.6	1859.8	1540.3	1292.2
40°	4205.2	4451.0	4595.7	4645.9	4595.7	4451.0	4205.2	3854.9	3395.5	2859.3	2387.9
37.5°	6037.0	6263.2	6385.3	6399.8	6385.3	6263.2	6037.0	5697.0	5231.5	4674.0	4022.4
35°	7523.0	7709.4	7819.8	7902.7	7819.8	7709.4	7523.0	7242.3	6853.5	6336.8	5693.1
32.5°	8857.6	9069.9	9192.7	9165.4	9192.7	9069.9	8857.6	8564.0	8203.5	7740.5	7153.3
30°	10104.2	10336.5	10480.7	10485.0	10480.7	10336.5	10104.2	9780.0	9384.5	8913.4	8389.2
27.5°	11336.8	11597.5	11747.9	11865.7	11747.9	11597.5	11336.8	10958.8	10491.1	9995.0	9417.1
25°	12651.7	12976.7	13169.7	13286.5	13169.7	12976.7	12651.7	12198.1	11654.1	11073.4	10426.4
22.5°	14069.4	14472.0	14736.5	14846.3	14736.5	14472.0	14069.4	13526.8	12868.6	12160.1	11406.9
20°	15611.5	16110.3	16448.0	16437.9	16448.0	16110.3	15611.5	14922.2	14129.7	13276.2	12407.0
17.5°	17332.2	17975.7	18411.1	18474.1	18411.1	17975.7	17332.2	16421.8	15473.8	14482.7	13434.3
15°	19176.9	20006.5	20569.8	20744.4	20569.8	20006.5	19176.9	18106.7	16898.3	15711.9	14464.9
12.5°	21067.4	22054.2	22805.1	23054.7	22805.1	22054.2	21067.4	19798.5	18314.2	16932.3	15492.1
10°	22868.5	23961.6	24776.6	25137.4	24776.6	23961.6	22868.5	21363.2	19764.0	18127.6	16409.1
7.5°	24374.3	25484.8	26324.4	26621.4	26324.4	25484.8	24374.3	22858.4	20954.9	19134.0	17274.3
5°	25366.3	26579.6	27232.4	27599.5	27232.4	26579.6	25366.3	23778.0	21895.5	19900.4	17905.9
2.5°	26029.0	27057.9	27719.0	28056.9	27719.0	27057.9	26029.0	24465.3	22609.1	20432.2	18325.5
0°	26381.1	27428.7	27913.6	28078.0	27913.6	27428.7	26381.1	24817.0	22911.4	20649.6	18594.3
-2.5°	26029.0	27057.9	27719.0	28056.9	27719.0	27057.9	26029.0	24465.3	22609.1	20432.2	18325.5
-5°	25366.3	26579.6	27232.4	27599.5	27232.4	26579.6	25366.3	23778.0	21895.5	19900.4	17905.9
-7.5°	24374.3	25484.8	26324.4	26621.4	26324.4	25484.8	24374.3	22858.4	20954.9	19134.0	17274.3
-10°	22868.5	23961.6	24776.6	25137.4	24776.6	23961.6	22868.5	21363.2	19764.0	18127.6	16409.1
-12.5°	21067.4	22054.2	22805.1	23054.7	22805.1	22054.2	21067.4	19798.5	18314.2	16932.3	15492.1
-15°	19176.9	20006.5	20569.8	20744.4	20569.8	20006.5	19176.9	18106.7	16898.3	15711.9	14464.9
-17.5°	17332.2	17975.7	18411.1	18474.1	18411.1	17975.7	17332.2	16421.8	15473.8	14482.7	13434.3
-20°	15611.5	16110.3	16448.0	16437.9	16448.0	16110.3	15611.5	14922.2	14129.7	13276.2	12407.0



REPORT NUMBER: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	14069.4	14472.0	14736.5	14846.3	14736.5	14472.0	14069.4	13526.8	12868.6	12160.1	11406.9
-25°	12651.7	12976.7	13169.7	13286.5	13169.7	12976.7	12651.7	12198.1	11654.1	11073.4	10426.4
-27.5°	11336.8	11597.5	11747.9	11865.7	11747.9	11597.5	11336.8	10958.8	10491.1	9995.0	9417.1
-30°	10104.2	10336.5	10480.7	10485.0	10480.7	10336.5	10104.2	9780.0	9384.5	8913.4	8389.2
-32.5°	8857.6	9069.9	9192.7	9165.4	9192.7	9069.9	8857.6	8564.0	8203.5	7740.5	7153.3
-35°	7523.0	7709.4	7819.8	7902.7	7819.8	7709.4	7523.0	7242.3	6853.5	6336.8	5693.1
-37.5°	6037.0	6263.2	6385.3	6399.8	6385.3	6263.2	6037.0	5697.0	5231.5	4674.0	4022.4
-40°	4205.2	4451.0	4595.7	4645.9	4595.7	4451.0	4205.2	3854.9	3395.5	2859.3	2387.9
-42.5°	2340.4	2488.2	2552.1	2514.8	2552.1	2488.2	2340.4	2126.6	1859.8	1540.3	1292.2
-45°	1197.9	1231.7	1262.5	1296.4	1262.5	1231.7	1197.9	1148.6	1094.7	1024.0	939.9
-47.5°	909.1	923.5	942.5	967.6	942.5	923.5	909.1	889.7	870.5	851.1	826.7
-50°	799.9	814.2	834.0	857.9	834.0	814.2	799.9	782.7	767.8	760.7	754.4
-52.5°	705.5	714.9	730.5	750.4	730.5	714.9	705.5	692.6	679.2	675.6	668.1
-55°	631.6	643.1	654.1	664.0	654.1	643.1	631.6	618.6	604.9	602.1	594.7
-57.5°	572.7	582.6	590.6	596.6	590.6	582.6	572.7	561.7	549.9	542.1	532.2
-60°	509.0	514.8	523.0	531.2	523.0	514.8	509.0	501.6	492.8	483.8	474.0
-62.5°	440.7	447.8	452.8	455.3	452.8	447.8	440.7	431.9	421.6	412.6	405.2
-65°	337.7	337.6	338.8	339.4	338.8	337.6	337.7	336.2	332.7	329.9	326.5
-67.5°	276.2	278.4	281.7	284.6	281.7	278.4	276.2	273.2	269.7	266.6	263.8
-70°	222.2	222.7	214.9	204.5	214.9	222.7	222.2	222.0	222.9	224.0	222.4
-72.5°	142.6	125.1	117.1	109.6	117.1	125.1	142.6	159.6	176.1	187.8	186.8
-75°	105.4	87.1	86.3	86.4	86.3	87.1	105.4	123.3	140.6	154.0	153.6
-77.5°	79.6	63.7	63.1	63.2	63.1	63.7	79.6	94.8	109.0	120.1	119.4
-80°	54.1	46.4	47.4	48.5	47.4	46.4	54.1	61.4	68.5	74.9	77.5
-82.5°	36.4	31.5	31.5	31.6	31.5	31.5	36.4	41.1	45.5	49.2	47.9
-85°	14.0	12.5	12.6	12.6	12.6	12.5	14.0	15.4	16.8	18.0	17.1
-87.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.6	4.1	4.0
-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: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
85°	16.3	15.4	14.6	16.1	17.4	18.4	19.0	16.8	14.8	12.9	11.3
82.5°	46.4	44.6	42.8	43.0	43.1	43.1	42.5	37.3	32.4	27.9	24.2
80°	79.4	80.5	80.5	78.9	77.1	75.1	71.6	62.2	53.7	46.3	41.2
77.5°	118.7	118.0	117.1	114.3	111.6	108.9	103.5	89.7	76.2	64.1	57.6
75°	152.8	151.6	149.3	145.3	141.0	136.4	128.4	114.6	100.2	85.1	77.2
72.5°	185.4	183.5	180.3	175.3	170.0	164.4	156.6	144.6	129.8	112.0	103.2
70°	220.2	217.4	213.3	207.2	200.6	194.0	187.8	179.2	167.0	151.8	143.0
67.5°	260.0	255.3	250.8	244.4	238.1	230.1	224.6	217.3	208.1	195.1	185.3
65°	319.7	308.9	302.4	301.6	295.5	283.7	270.8	262.4	253.5	241.3	227.8
62.5°	398.9	394.3	382.2	369.2	359.2	350.7	334.9	317.4	302.2	288.4	272.3
60°	463.2	452.3	442.4	430.4	416.5	403.0	389.9	372.8	351.5	334.2	316.6
57.5°	519.2	508.7	501.9	490.6	474.2	460.5	446.2	428.8	408.0	382.9	360.8
55°	582.2	574.2	567.1	556.4	541.7	523.0	504.5	486.0	462.6	432.5	405.3
52.5°	657.2	647.3	636.7	625.3	608.0	585.0	563.1	541.2	514.1	481.5	448.4
50°	744.5	724.5	706.8	691.6	669.2	643.5	617.4	592.7	560.7	527.2	492.6
47.5°	810.1	792.9	773.1	751.1	725.7	698.2	669.1	638.0	604.4	569.5	533.3
45°	908.4	871.4	832.6	808.2	779.6	749.8	718.8	683.3	646.7	609.6	571.4
42.5°	1163.9	1025.5	935.8	884.1	836.6	803.0	765.5	727.2	688.2	648.4	608.1
40°	1908.5	1370.5	1190.6	1015.5	923.1	862.9	814.3	769.5	728.0	685.9	643.4
37.5°	3274.0	2511.5	1890.9	1329.7	1120.7	944.5	871.2	813.4	766.2	722.3	677.5
35°	4989.3	4110.6	3092.9	2263.8	1502.1	1173.0	946.6	865.4	805.1	757.5	710.3
32.5°	6479.4	5623.6	4640.3	3499.9	2452.4	1583.0	1168.7	934.6	848.0	792.4	742.1
30°	7746.9	6956.1	6017.3	4881.4	3626.8	2446.0	1493.9	1111.9	912.0	825.4	772.6
27.5°	8780.8	8071.5	7192.5	6159.3	4879.7	3491.8	2266.7	1332.6	1008.1	875.1	801.4
25°	9730.5	8982.3	8157.7	7193.4	6028.8	4629.0	3112.3	1913.8	1197.0	928.3	828.3
22.5°	10632.4	9837.7	8990.6	8056.2	6978.3	5640.4	4127.9	2560.4	1387.6	1024.5	870.0
20°	11504.2	10628.5	9745.7	8774.9	7698.4	6531.8	5047.3	3335.4	1932.0	1170.7	909.6
17.5°	12397.4	11395.1	10395.4	9407.3	8316.1	7144.9	5763.9	4114.6	2405.1	1302.2	943.9
15°	13243.5	12123.7	11020.7	9934.2	8843.2	7656.3	6362.2	4808.7	2874.8	1568.4	1041.2
12.5°	14100.0	12796.5	11599.1	10381.1	9286.3	8083.0	6786.3	5282.4	3425.8	1894.3	1137.8
10°	14875.8	13413.8	12086.2	10797.1	9616.7	8423.5	7127.3	5663.1	3878.9	2162.3	1217.2
7.5°	15540.6	13950.6	12491.4	11136.3	9882.1	8707.5	7419.9	5966.9	4220.2	2369.3	1279.1
5°	16053.4	14342.8	12802.9	11414.4	10088.3	8901.1	7634.0	6188.1	4450.1	2514.7	1323.6
2.5°	16362.0	14580.5	12985.6	11586.9	10216.5	9011.6	7747.3	6329.7	4596.7	2608.4	1356.6
0°	16494.8	14652.4	13119.9	11703.4	10265.8	9057.9	7744.6	6382.9	4650.2	2643.4	1372.3
-2.5°	16362.0	14580.5	12985.6	11586.9	10216.5	9011.6	7747.3	6329.7	4596.7	2608.4	1356.6
-5°	16053.4	14342.8	12802.9	11414.4	10088.3	8901.1	7634.0	6188.1	4450.1	2514.7	1323.6
-7.5°	15540.6	13950.6	12491.4	11136.3	9882.1	8707.5	7419.9	5966.9	4220.2	2369.3	1279.1
-10°	14875.8	13413.8	12086.2	10797.1	9616.7	8423.5	7127.3	5663.1	3878.9	2162.3	1217.2
-12.5°	14100.0	12796.5	11599.1	10381.1	9286.3	8083.0	6786.3	5282.4	3425.8	1894.3	1137.8
-15°	13243.5	12123.7	11020.7	9934.2	8843.2	7656.3	6362.2	4808.7	2874.8	1568.4	1041.2
-17.5°	12397.4	11395.1	10395.4	9407.3	8316.1	7144.9	5763.9	4114.6	2405.1	1302.2	943.9
-20°	11504.2	10628.5	9745.7	8774.9	7698.4	6531.8	5047.3	3335.4	1932.0	1170.7	909.6



REPORT NUMBER: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10632.4	9837.7	8990.6	8056.2	6978.3	5640.4	4127.9	2560.4	1387.6	1024.5	870.0
-25°	9730.5	8982.3	8157.7	7193.4	6028.8	4629.0	3112.3	1913.8	1197.0	928.3	828.3
-27.5°	8780.8	8071.5	7192.5	6159.3	4879.7	3491.8	2266.7	1332.6	1008.1	875.1	801.4
-30°	7746.9	6956.1	6017.3	4881.4	3626.8	2446.0	1493.9	1111.9	912.0	825.4	772.6
-32.5°	6479.4	5623.6	4640.3	3499.9	2452.4	1583.0	1168.7	934.6	848.0	792.4	742.1
-35°	4989.3	4110.6	3092.9	2263.8	1502.1	1173.0	946.6	865.4	805.1	757.5	710.3
-37.5°	3274.0	2511.5	1890.9	1329.7	1120.7	944.5	871.2	813.4	766.2	722.3	677.5
-40°	1908.5	1370.5	1190.6	1015.5	923.1	862.9	814.3	769.5	728.0	685.9	643.4
-42.5°	1163.9	1025.5	935.8	884.1	836.6	803.0	765.5	727.2	688.2	648.4	608.1
-45°	908.4	871.4	832.6	808.2	779.6	749.8	718.8	683.3	646.7	609.6	571.4
-47.5°	810.1	792.9	773.1	751.1	725.7	698.2	669.1	638.0	604.4	569.5	533.3
-50°	744.5	724.5	706.8	691.6	669.2	643.5	617.4	592.7	560.7	527.2	492.6
-52.5°	657.2	647.3	636.7	625.3	608.0	585.0	563.1	541.2	514.1	481.5	448.4
-55°	582.2	574.2	567.1	556.4	541.7	523.0	504.5	486.0	462.6	432.5	405.3
-57.5°	519.2	508.7	501.9	490.6	474.2	460.5	446.2	428.8	408.0	382.9	360.8
-60°	463.2	452.3	442.4	430.4	416.5	403.0	389.9	372.8	351.5	334.2	316.6
-62.5°	398.9	394.3	382.2	369.2	359.2	350.7	334.9	317.4	302.2	288.4	272.3
-65°	319.7	308.9	302.4	301.6	295.5	283.7	270.8	262.4	253.5	241.3	227.8
-67.5°	260.0	255.3	250.8	244.4	238.1	230.1	224.6	217.3	208.1	195.1	185.3
-70°	220.2	217.4	213.3	207.2	200.6	194.0	187.8	179.2	167.0	151.8	143.0
-72.5°	185.4	183.5	180.3	175.3	170.0	164.4	156.6	144.6	129.8	112.0	103.2
-75°	152.8	151.6	149.3	145.3	141.0	136.4	128.4	114.6	100.2	85.1	77.2
-77.5°	118.7	118.0	117.1	114.3	111.6	108.9	103.5	89.7	76.2	64.1	57.6
-80°	79.4	80.5	80.5	78.9	77.1	75.1	71.6	62.2	53.7	46.3	41.2
-82.5°	46.4	44.6	42.8	43.0	43.1	43.1	42.5	37.3	32.4	27.9	24.2
-85°	16.3	15.4	14.6	16.1	17.4	18.4	19.0	16.8	14.8	12.9	11.3
-87.5°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	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: P559061 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	3.6	4.1	4.5	4.8	5.1	5.3	5.3	5.3	5.0	4.7	4.3
85°	12.0	12.4	12.4	12.1	11.4	10.5	10.7	10.7	10.1	9.4	8.6
82.5°	25.2	26.1	26.7	26.6	24.9	23.2	21.3	19.4	17.3	14.5	12.8
80°	43.5	44.9	45.3	44.1	39.9	35.8	32.9	30.2	28.0	24.9	20.9
77.5°	61.9	64.7	65.9	64.5	58.7	52.9	47.2	42.0	38.9	35.4	30.9
75°	81.0	85.2	87.8	86.3	79.1	69.9	62.7	56.6	52.1	46.3	40.9
72.5°	105.1	107.2	109.5	109.1	102.7	93.7	81.8	71.3	66.3	59.8	51.6
70°	137.4	131.4	129.9	129.1	125.2	118.2	106.3	92.3	80.8	73.3	64.1
67.5°	176.8	168.6	160.0	150.9	146.3	140.0	130.5	114.2	98.9	86.9	76.7
65°	215.8	204.7	194.3	181.1	170.2	161.8	152.1	134.7	116.3	101.2	89.3
62.5°	255.7	239.4	225.4	210.0	195.6	183.8	173.5	153.7	133.1	114.8	100.6
60°	297.4	277.8	256.5	238.0	220.6	204.9	191.0	172.5	150.2	127.7	111.0
57.5°	339.8	316.8	290.9	266.6	245.7	226.5	207.7	188.8	166.9	142.1	120.1
55°	381.5	356.4	325.1	296.2	271.0	248.8	225.2	203.8	182.7	156.8	126.8
52.5°	418.8	392.5	361.3	326.5	296.2	270.2	244.1	218.6	196.1	171.1	135.9
50°	456.8	424.2	394.5	359.9	321.4	291.3	262.5	234.9	209.1	184.4	144.4
47.5°	496.4	458.3	423.5	391.1	351.9	311.8	281.0	250.9	221.9	195.8	151.9
45°	532.8	493.4	453.5	417.4	380.2	335.7	299.1	266.3	235.6	201.6	158.3
42.5°	567.3	526.2	484.4	442.9	403.9	359.1	316.6	282.0	248.8	206.0	162.8
40°	600.4	557.0	513.4	470.2	427.6	380.5	335.7	297.2	260.6	210.0	165.7
37.5°	631.8	586.4	540.8	496.3	451.7	402.6	353.3	311.7	266.3	214.3	167.8
35°	662.3	614.2	567.9	521.3	474.5	425.0	369.1	325.7	274.8	217.9	169.0
32.5°	691.3	641.4	593.7	545.4	496.0	447.5	386.8	338.5	285.2	220.9	169.3
30°	719.6	667.9	617.9	568.4	516.5	466.3	406.7	351.0	297.2	223.1	169.3
27.5°	746.6	692.4	640.4	589.5	536.4	483.6	426.1	363.3	310.8	227.5	170.4
25°	771.3	715.3	661.4	608.8	555.1	500.3	444.0	375.4	322.1	236.6	170.9
22.5°	794.2	736.1	680.4	626.5	573.3	516.3	459.2	390.2	331.4	246.2	170.6
20°	815.1	754.6	698.1	645.1	589.8	531.6	472.1	403.6	340.2	255.9	169.7
17.5°	835.9	773.9	718.5	662.8	605.1	545.5	484.1	415.7	348.3	265.4	168.2
15°	868.9	794.7	737.1	679.5	619.2	557.9	495.2	426.2	355.6	274.7	167.7
12.5°	898.5	813.4	753.8	694.9	632.1	568.8	505.1	435.3	362.2	281.0	168.3
10°	923.5	829.7	768.6	708.9	643.7	578.1	513.8	443.0	367.6	283.6	168.0
7.5°	943.9	843.7	781.3	721.3	654.4	587.2	521.9	449.5	372.9	283.9	166.6
5°	961.5	859.0	797.2	734.9	667.1	596.0	528.7	454.4	377.6	281.9	164.4
2.5°	981.5	877.6	814.8	746.9	678.1	603.4	533.9	457.7	381.4	277.9	161.5
0°	997.1	893.8	830.5	756.8	687.2	609.2	537.5	459.5	383.6	271.9	158.1
-2.5°	981.5	877.6	814.8	746.9	678.1	603.4	533.9	457.7	381.4	277.9	161.5
-5°	961.5	859.0	797.2	734.9	667.1	596.0	528.7	454.4	377.6	281.9	164.4
-7.5°	943.9	843.7	781.3	721.3	654.4	587.2	521.9	449.5	372.9	283.9	166.6
-10°	923.5	829.7	768.6	708.9	643.7	578.1	513.8	443.0	367.6	283.6	168.0
-12.5°	898.5	813.4	753.8	694.9	632.1	568.8	505.1	435.3	362.2	281.0	168.3
-15°	868.9	794.7	737.1	679.5	619.2	557.9	495.2	426.2	355.6	274.7	167.7
-17.5°	835.9	773.9	718.5	662.8	605.1	545.5	484.1	415.7	348.3	265.4	168.2
-20°	815.1	754.6	698.1	645.1	589.8	531.6	472.1	403.6	340.2	255.9	169.7



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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°	794.2	736.1	680.4	626.5	573.3	516.3	459.2	390.2	331.4	246.2	170.6
-25°	771.3	715.3	661.4	608.8	555.1	500.3	444.0	375.4	322.1	236.6	170.9
-27.5°	746.6	692.4	640.4	589.5	536.4	483.6	426.1	363.3	310.8	227.5	170.4
-30°	719.6	667.9	617.9	568.4	516.5	466.3	406.7	351.0	297.2	223.1	169.3
-32.5°	691.3	641.4	593.7	545.4	496.0	447.5	386.8	338.5	285.2	220.9	169.3
-35°	662.3	614.2	567.9	521.3	474.5	425.0	369.1	325.7	274.8	217.9	169.0
-37.5°	631.8	586.4	540.8	496.3	451.7	402.6	353.3	311.7	266.3	214.3	167.8
-40°	600.4	557.0	513.4	470.2	427.6	380.5	335.7	297.2	260.6	210.0	165.7
-42.5°	567.3	526.2	484.4	442.9	403.9	359.1	316.6	282.0	248.8	206.0	162.8
-45°	532.8	493.4	453.5	417.4	380.2	335.7	299.1	266.3	235.6	201.6	158.3
-47.5°	496.4	458.3	423.5	391.1	351.9	311.8	281.0	250.9	221.9	195.8	151.9
-50°	456.8	424.2	394.5	359.9	321.4	291.3	262.5	234.9	209.1	184.4	144.4
-52.5°	418.8	392.5	361.3	326.5	296.2	270.2	244.1	218.6	196.1	171.1	135.9
-55°	381.5	356.4	325.1	296.2	271.0	248.8	225.2	203.8	182.7	156.8	126.8
-57.5°	339.8	316.8	290.9	266.6	245.7	226.5	207.7	188.8	166.9	142.1	120.1
-60°	297.4	277.8	256.5	238.0	220.6	204.9	191.0	172.5	150.2	127.7	111.0
-62.5°	255.7	239.4	225.4	210.0	195.6	183.8	173.5	153.7	133.1	114.8	100.6
-65°	215.8	204.7	194.3	181.1	170.2	161.8	152.1	134.7	116.3	101.2	89.3
-67.5°	176.8	168.6	160.0	150.9	146.3	140.0	130.5	114.2	98.9	86.9	76.7
-70°	137.4	131.4	129.9	129.1	125.2	118.2	106.3	92.3	80.8	73.3	64.1
-72.5°	105.1	107.2	109.5	109.1	102.7	93.7	81.8	71.3	66.3	59.8	51.6
-75°	81.0	85.2	87.8	86.3	79.1	69.9	62.7	56.6	52.1	46.3	40.9
-77.5°	61.9	64.7	65.9	64.5	58.7	52.9	47.2	42.0	38.9	35.4	30.9
-80°	43.5	44.9	45.3	44.1	39.9	35.8	32.9	30.2	28.0	24.9	20.9
-82.5°	25.2	26.1	26.7	26.6	24.9	23.2	21.3	19.4	17.3	14.5	12.8
-85°	12.0	12.4	12.4	12.1	11.4	10.5	10.7	10.7	10.1	9.4	8.6
-87.5°	3.6	4.1	4.5	4.8	5.1	5.3	5.3	5.3	5.0	4.7	4.3
-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°	3.8	3.0	2.2	1.5	0.9	0.5	0.0
85°	7.6	5.9	4.4	3.0	1.8	0.9	0.0
82.5°	11.4	8.9	6.6	4.5	2.7	1.4	0.0
80°	15.8	11.8	8.7	6.0	3.6	1.8	0.0
77.5°	24.7	16.0	10.8	7.4	4.5	2.3	0.0
75°	33.5	22.9	13.4	8.9	5.4	2.7	0.0
72.5°	42.1	29.5	18.4	10.3	6.3	3.2	0.0
70°	50.7	36.0	23.2	12.0	7.2	3.6	0.0
67.5°	60.7	42.3	27.9	15.3	8.0	4.0	0.0
65°	70.3	49.1	32.5	18.5	8.9	4.4	0.0
62.5°	79.4	56.2	36.8	21.5	9.7	4.8	0.0
60°	88.1	63.0	41.0	24.5	10.5	5.2	0.0
57.5°	94.0	69.4	45.8	27.3	12.3	5.6	0.0
55°	99.0	75.5	50.4	30.0	14.1	6.0	0.0
52.5°	103.3	80.7	54.7	32.6	15.9	6.4	0.0
50°	106.9	83.2	58.7	35.0	17.6	6.7	0.0
47.5°	110.1	85.3	62.3	37.3	19.2	7.1	0.0
45°	115.5	86.9	65.7	39.8	20.7	7.4	0.0
42.5°	120.0	87.9	68.8	42.1	22.2	7.7	0.0
40°	123.7	88.4	70.4	44.5	23.5	8.0	0.0
37.5°	126.5	88.4	70.6	47.0	24.8	8.3	0.0
35°	128.6	89.5	70.5	49.5	26.1	8.6	0.0
32.5°	129.6	90.9	70.1	51.8	27.2	8.9	0.0
30°	129.5	91.7	69.4	54.1	28.2	9.1	0.0
27.5°	128.7	92.0	70.1	56.3	29.2	9.3	0.0
25°	127.3	91.7	70.9	58.4	30.1	9.5	0.0
22.5°	125.3	91.9	71.6	60.4	30.8	9.7	0.0
20°	122.6	94.3	72.2	62.3	31.5	9.9	0.0
17.5°	122.8	96.4	72.7	64.0	32.1	10.0	0.0
15°	124.6	98.2	73.1	65.6	32.6	10.1	0.0
12.5°	126.1	99.7	73.3	67.1	33.0	10.3	0.0
10°	127.3	101.0	73.5	68.4	33.3	10.3	0.0
7.5°	128.1	102.0	73.7	69.5	33.6	10.4	0.0
5°	128.6	102.7	73.8	70.4	33.7	10.5	0.0
2.5°	128.7	103.2	73.8	71.2	33.7	10.5	0.0
0°	128.6	103.3	73.8	71.7	33.7	10.5	0.0
-2.5°	128.7	103.2	73.8	71.2	33.7	10.5	0.0
-5°	128.6	102.7	73.8	70.4	33.7	10.5	0.0
-7.5°	128.1	102.0	73.7	69.5	33.6	10.4	0.0
-10°	127.3	101.0	73.5	68.4	33.3	10.3	0.0
-12.5°	126.1	99.7	73.3	67.1	33.0	10.3	0.0
-15°	124.6	98.2	73.1	65.6	32.6	10.1	0.0
-17.5°	122.8	96.4	72.7	64.0	32.1	10.0	0.0
-20°	122.6	94.3	72.2	62.3	31.5	9.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	125.3	91.9	71.6	60.4	30.8	9.7	0.0
-25°	127.3	91.7	70.9	58.4	30.1	9.5	0.0
-27.5°	128.7	92.0	70.1	56.3	29.2	9.3	0.0
-30°	129.5	91.7	69.4	54.1	28.2	9.1	0.0
-32.5°	129.6	90.9	70.1	51.8	27.2	8.9	0.0
-35°	128.6	89.5	70.5	49.5	26.1	8.6	0.0
-37.5°	126.5	88.4	70.6	47.0	24.8	8.3	0.0
-40°	123.7	88.4	70.4	44.5	23.5	8.0	0.0
-42.5°	120.0	87.9	68.8	42.1	22.2	7.7	0.0
-45°	115.5	86.9	65.7	39.8	20.7	7.4	0.0
-47.5°	110.1	85.3	62.3	37.3	19.2	7.1	0.0
-50°	106.9	83.2	58.7	35.0	17.6	6.7	0.0
-52.5°	103.3	80.7	54.7	32.6	15.9	6.4	0.0
-55°	99.0	75.5	50.4	30.0	14.1	6.0	0.0
-57.5°	94.0	69.4	45.8	27.3	12.3	5.6	0.0
-60°	88.1	63.0	41.0	24.5	10.5	5.2	0.0
-62.5°	79.4	56.2	36.8	21.5	9.7	4.8	0.0
-65°	70.3	49.1	32.5	18.5	8.9	4.4	0.0
-67.5°	60.7	42.3	27.9	15.3	8.0	4.0	0.0
-70°	50.7	36.0	23.2	12.0	7.2	3.6	0.0
-72.5°	42.1	29.5	18.4	10.3	6.3	3.2	0.0
-75°	33.5	22.9	13.4	8.9	5.4	2.7	0.0
-77.5°	24.7	16.0	10.8	7.4	4.5	2.3	0.0
-80°	15.8	11.8	8.7	6.0	3.6	1.8	0.0
-82.5°	11.4	8.9	6.6	4.5	2.7	1.4	0.0
-85°	7.6	5.9	4.4	3.0	1.8	0.9	0.0
-87.5°	3.8	3.0	2.2	1.5	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)