

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: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-927-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2D-927-U-WR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (32) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

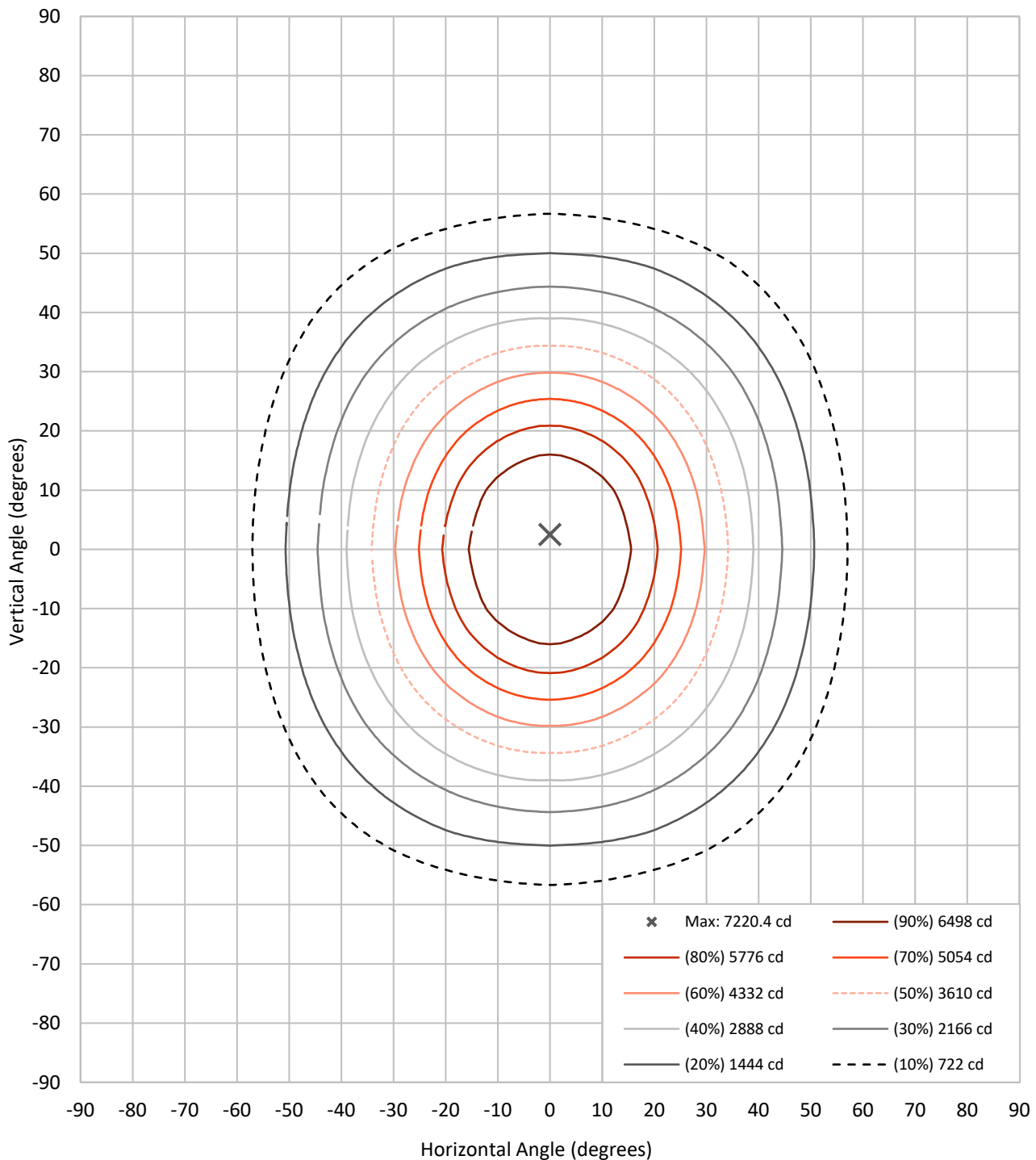
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9772.1 lumens	Max Intensity:	7220.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	5859.1 lumens	Field Lumens:	9335 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 110  
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





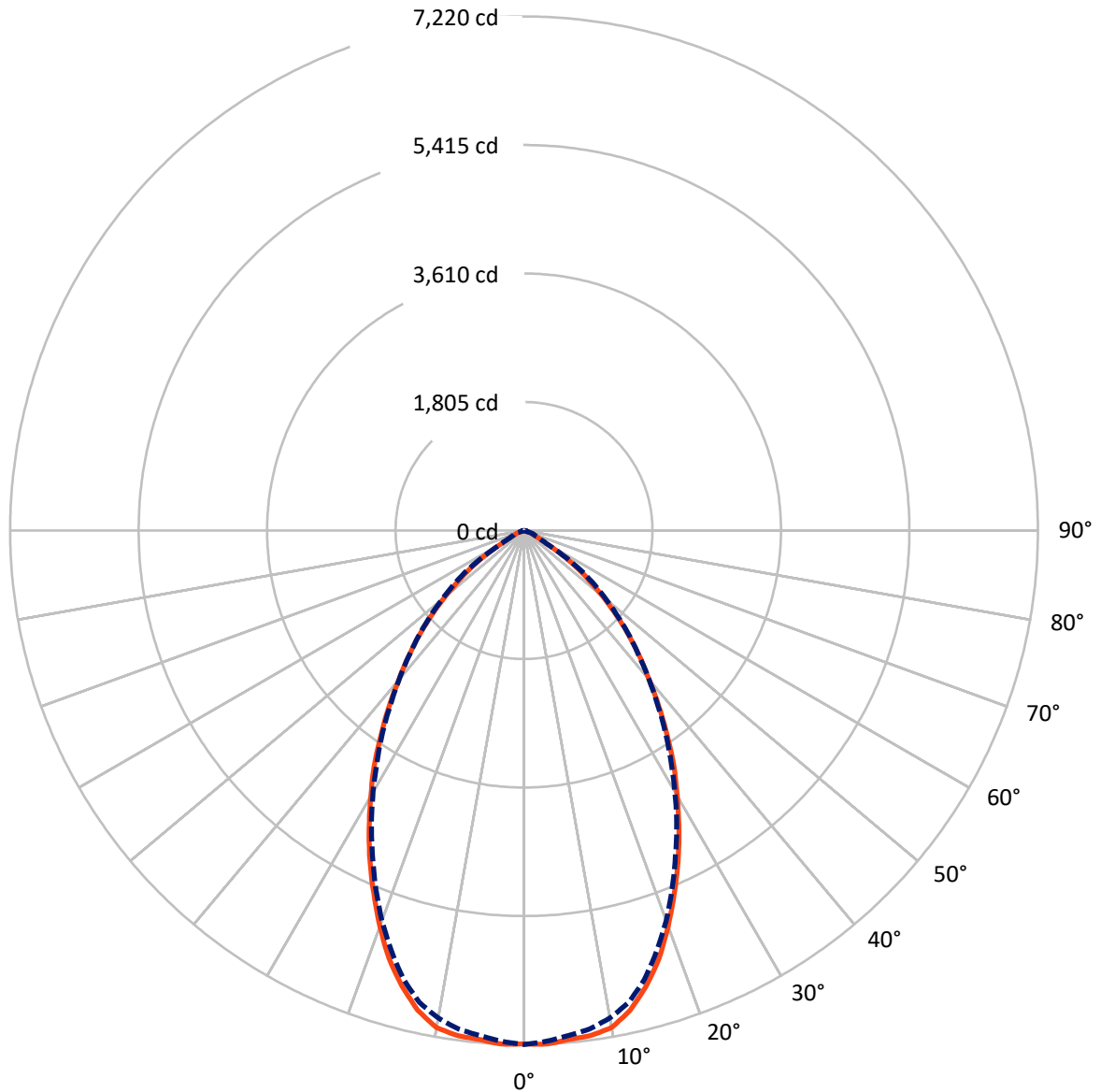
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### Lumen Table

90																
80	0.1	0.9		2.3		4.1		2.9		4.1		2.3		0.9		0.1
70																
60	0.4	0.7	1.3	2.1	3.0	3.9	4.9	5.5	5.5	4.9	3.9	3.0	2.1	1.3	0.7	0.4
50		1.1	2.2	3.9	7.6	14.7	22.0	26.4	26.4	22.0	14.7	7.6	3.9	2.2	1.1	
40	0.8	1.4	3.2	9.4	24.6	41.0	54.5	62.1	62.1	54.5	41.0	24.6	9.4	3.2	1.4	0.8
30		1.7	5.5	21.6	44.2	69.1	91.5	104.9	104.9	91.5	69.1	44.2	21.6	5.5	1.7	
20	0.8	2.1	10.0	32.6	62.7	98.2	131.2	152.0	152.0	131.2	98.2	62.7	32.6	10.0	2.1	0.8
10		2.5	14.3	40.6	77.3	122.7	167.1	195.2	195.2	167.1	122.7	77.3	40.6	14.3	2.5	
0	0.9	2.7	16.7	44.9	85.5	137.1	187.7	214.6	214.6	187.7	137.1	85.5	44.9	16.7	2.7	0.9
-10		2.7	16.7	44.9	85.5	137.1	187.7	214.6	214.6	187.7	137.1	85.5	44.9	16.7	2.7	
-20	0.8	2.5	14.3	40.6	77.3	122.7	167.1	195.2	195.2	167.1	122.7	77.3	40.6	14.3	2.5	0.8
-30		2.1	10.0	32.6	62.7	98.2	131.2	152.0	152.0	131.2	98.2	62.7	32.6	10.0	2.1	
-40	0.8	1.7	5.5	21.6	44.2	69.1	91.5	104.9	104.9	91.5	69.1	44.2	21.6	5.5	1.7	0.8
-50		1.4	3.2	9.4	24.6	41.0	54.5	62.1	62.1	54.5	41.0	24.6	9.4	3.2	1.4	
-60	0.4	1.1	2.2	3.9	7.6	14.7	22.0	26.4	26.4	22.0	14.7	7.6	3.9	2.2	1.1	0.4
-70		0.7	1.3	2.1	3.0	3.9	4.9	5.5	5.5	4.9	3.9	3.0	2.1	1.3	0.7	
-80																
-90	0.1	0.9		2.3		4.1		2.9		4.1		2.3		0.9		0.1

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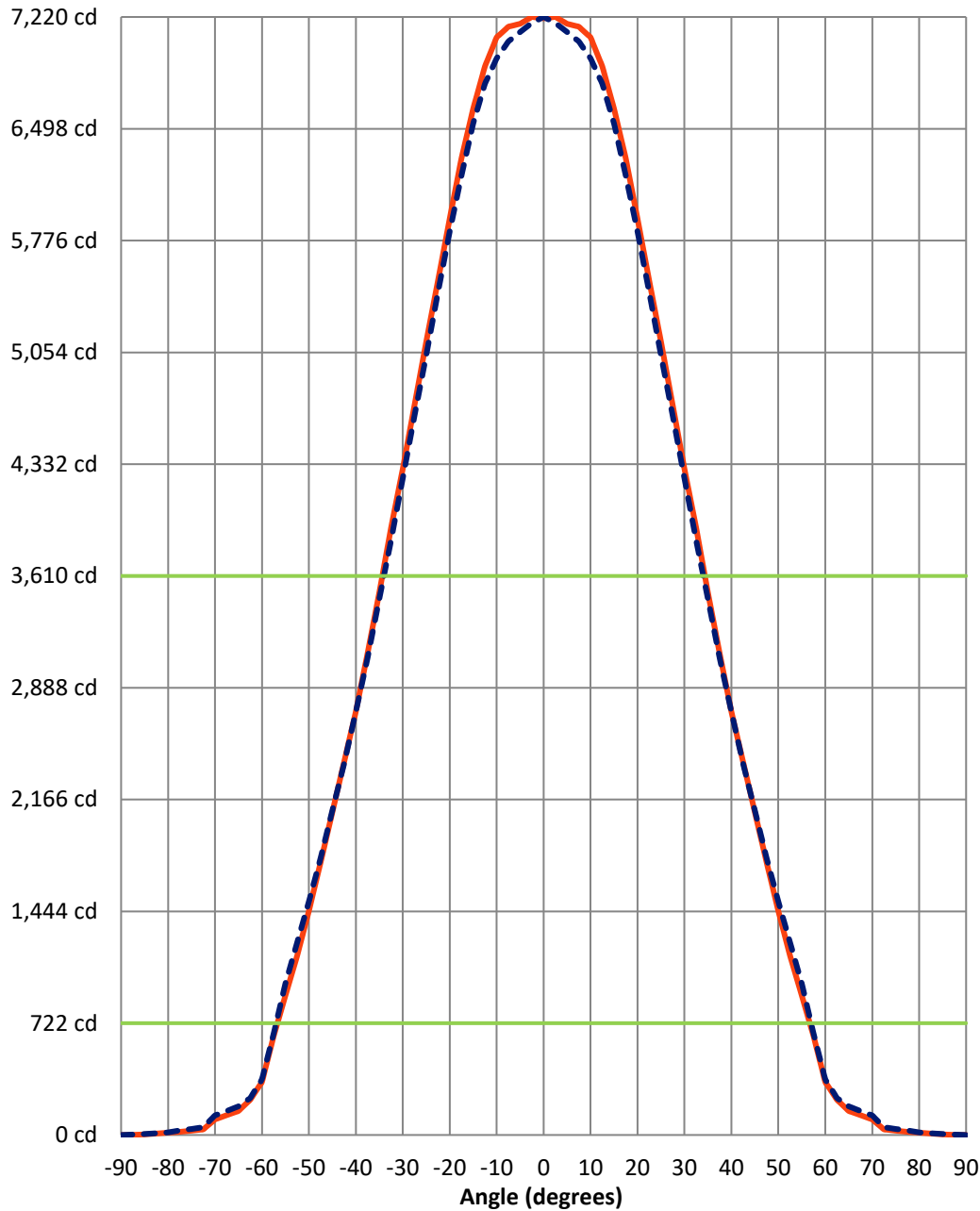
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 5859.1  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 9335  
Efficiency: 95.5%

**Spill:**  
Lumens: 437.1  
Efficiency: 4.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 2.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	3.0	4.1	5.3
80°	0.0	0.5	1.0	1.5	1.9	2.4	3.0	4.5	6.0	7.5	9.1
77.5°	0.0	0.6	1.2	1.8	2.4	3.3	5.1	7.0	8.9	10.9	13.6
75°	0.0	0.7	1.4	2.2	3.0	4.8	7.1	9.5	12.0	16.1	20.1
72.5°	0.0	0.8	1.7	2.5	3.9	6.2	9.1	12.5	17.2	21.9	26.5
70°	0.0	1.0	1.9	2.9	4.9	7.6	11.2	17.0	22.3	27.6	35.2
67.5°	0.0	1.1	2.1	3.5	5.8	8.9	14.6	21.4	27.4	35.4	44.3
65°	0.0	1.2	2.4	4.0	6.6	10.6	17.8	25.7	33.6	42.8	53.0
62.5°	0.0	1.3	2.6	4.5	7.4	12.7	20.8	30.4	39.6	50.1	61.2
60°	0.0	1.4	2.8	5.0	8.2	14.6	23.5	35.1	45.3	57.9	69.4
57.5°	0.0	1.5	3.1	5.4	9.3	16.4	26.2	39.4	52.2	65.8	76.4
55°	0.0	1.6	3.3	5.8	10.3	17.9	28.7	42.6	59.4	73.1	82.6
52.5°	0.0	1.7	3.6	6.2	11.2	19.3	30.8	47.5	66.5	78.9	88.9
50°	0.0	1.8	3.9	6.5	12.0	20.6	32.6	52.0	73.1	84.6	95.4
47.5°	0.0	1.9	4.1	6.9	12.7	21.6	34.2	55.9	78.2	90.3	101.7
45°	0.0	2.0	4.3	7.2	13.2	22.4	37.0	59.2	80.4	95.5	107.5
42.5°	0.0	2.1	4.6	7.5	13.6	22.9	39.3	61.1	81.9	100.3	113.8
40°	0.0	2.1	4.8	7.9	13.8	23.2	41.1	61.8	82.7	104.3	120.2
37.5°	0.0	2.2	5.0	8.2	13.9	23.2	42.5	62.0	83.6	106.0	126.3
35°	0.0	2.3	5.2	8.6	13.9	23.7	43.4	61.7	84.5	109.9	132.4
32.5°	0.0	2.4	5.3	8.9	13.7	24.3	43.6	60.8	85.3	114.8	138.5
30°	0.0	2.4	5.5	9.2	13.3	24.6	42.7	60.0	86.1	120.7	144.2
27.5°	0.0	2.5	5.7	9.5	13.7	24.6	41.6	60.1	88.2	127.4	149.6
25°	0.0	2.5	5.8	9.8	14.1	24.4	40.1	60.1	92.8	132.8	154.7
22.5°	0.0	2.6	5.9	10.0	14.5	24.3	38.3	60.0	97.6	136.9	161.3
20°	0.0	2.6	6.1	10.3	14.9	25.5	36.1	59.7	102.6	140.6	167.1
17.5°	0.0	2.7	6.2	10.5	15.2	26.5	35.8	59.1	107.6	143.9	172.1
15°	0.0	2.7	6.2	10.6	15.5	27.3	36.5	58.8	112.4	146.8	176.4
12.5°	0.0	2.7	6.3	10.8	15.8	28.1	37.1	58.4	116.8	149.4	180.1
10°	0.0	2.8	6.4	10.9	16.1	28.7	37.7	57.2	120.3	151.3	182.8
7.5°	0.0	2.8	6.4	11.0	16.3	29.1	38.2	55.4	123.2	152.8	184.3
5°	0.0	2.8	6.5	11.0	16.5	29.4	38.5	53.0	125.2	154.0	185.1
2.5°	0.0	2.8	6.5	11.1	16.7	29.7	39.0	47.3	126.2	155.0	184.7
0°	0.0	2.8	6.5	11.1	16.6	29.6	38.8	50.3	126.3	154.7	185.3
-2.5°	0.0	2.8	6.5	11.0	16.5	29.4	38.5	53.0	125.2	154.0	185.1
-5°	0.0	2.8	6.4	11.0	16.3	29.1	38.2	55.4	123.2	152.8	184.3
-7.5°	0.0	2.8	6.4	10.9	16.1	28.7	37.7	57.2	120.3	151.3	182.8
-10°	0.0	2.7	6.3	10.8	15.8	28.1	37.1	58.4	116.8	149.4	180.1
-12.5°	0.0	2.7	6.2	10.6	15.5	27.3	36.5	58.8	112.4	146.8	176.4
-15°	0.0	2.7	6.2	10.5	15.2	26.5	35.8	59.1	107.6	143.9	172.1
-17.5°	0.0	2.6	6.1	10.3	14.9	25.5	36.1	59.7	102.6	140.6	167.1
-20°	0.0	2.6	6.1	10.3	14.9	25.5	36.1	59.7	102.6	140.6	167.1



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 CATALOG NUMBER: GFLD-SA2D-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	5.9	10.0	14.5	24.3	38.3	60.0	97.6	136.9	161.3
-25°	0.0	2.5	5.8	9.8	14.1	24.4	40.1	60.1	92.8	132.8	154.7
-27.5°	0.0	2.5	5.7	9.5	13.7	24.6	41.6	60.1	88.2	127.4	149.6
-30°	0.0	2.4	5.5	9.2	13.3	24.6	42.7	60.0	86.1	120.7	144.2
-32.5°	0.0	2.4	5.3	8.9	13.7	24.3	43.6	60.8	85.3	114.8	138.5
-35°	0.0	2.3	5.2	8.6	13.9	23.7	43.4	61.7	84.5	109.9	132.4
-37.5°	0.0	2.2	5.0	8.2	13.9	23.2	42.5	62.0	83.6	106.0	126.3
-40°	0.0	2.1	4.8	7.9	13.8	23.2	41.1	61.8	82.7	104.3	120.2
-42.5°	0.0	2.1	4.6	7.5	13.6	22.9	39.3	61.1	81.9	100.3	113.8
-45°	0.0	2.0	4.3	7.2	13.2	22.4	37.0	59.2	80.4	95.5	107.5
-47.5°	0.0	1.9	4.1	6.9	12.7	21.6	34.2	55.9	78.2	90.3	101.7
-50°	0.0	1.8	3.9	6.5	12.0	20.6	32.6	52.0	73.1	84.6	95.4
-52.5°	0.0	1.7	3.6	6.2	11.2	19.3	30.8	47.5	66.5	78.9	88.9
-55°	0.0	1.6	3.3	5.8	10.3	17.9	28.7	42.6	59.4	73.1	82.6
-57.5°	0.0	1.5	3.1	5.4	9.3	16.4	26.2	39.4	52.2	65.8	76.4
-60°	0.0	1.4	2.8	5.0	8.2	14.6	23.5	35.1	45.3	57.9	69.4
-62.5°	0.0	1.3	2.6	4.5	7.4	12.7	20.8	30.4	39.6	50.1	61.2
-65°	0.0	1.2	2.4	4.0	6.6	10.6	17.8	25.7	33.6	42.8	53.0
-67.5°	0.0	1.1	2.1	3.5	5.8	8.9	14.6	21.4	27.4	35.4	44.3
-70°	0.0	1.0	1.9	2.9	4.9	7.6	11.2	17.0	22.3	27.6	35.2
-72.5°	0.0	0.8	1.7	2.5	3.9	6.2	9.1	12.5	17.2	21.9	26.5
-75°	0.0	0.7	1.4	2.2	3.0	4.8	7.1	9.5	12.0	16.1	20.1
-77.5°	0.0	0.6	1.2	1.8	2.4	3.3	5.1	7.0	8.9	10.9	13.6
-80°	0.0	0.5	1.0	1.5	1.9	2.4	3.0	4.5	6.0	7.5	9.1
-82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	3.0	4.1	5.3
-85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-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°	1.2	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.2	1.1	0.9
85°	2.4	2.4	2.7	2.9	3.2	3.4	3.5	3.4	3.8	4.4	5.0
82.5°	5.9	6.3	6.6	6.6	6.7	6.7	6.6	6.6	8.1	10.0	12.2
80°	9.9	10.3	11.9	13.6	14.4	14.4	13.6	12.2	14.4	18.0	22.4
77.5°	16.1	18.5	21.0	23.5	24.0	22.8	20.8	18.1	21.3	27.7	34.9
75°	23.4	26.6	30.3	33.0	33.1	31.1	28.5	27.9	33.3	41.1	47.5
72.5°	32.0	36.7	40.3	42.6	42.4	42.1	43.1	45.4	49.8	55.5	60.4
70°	42.4	47.1	49.8	51.0	51.4	54.0	57.8	60.7	63.8	69.4	74.6
67.5°	52.7	56.3	58.6	60.2	64.6	69.5	73.3	76.8	80.7	86.4	91.1
65°	61.9	65.6	68.8	73.7	80.0	84.6	89.2	93.9	100.7	107.1	111.0
62.5°	70.8	74.8	79.7	86.3	93.1	99.0	106.5	115.0	123.8	130.3	137.8
60°	77.8	83.4	90.4	98.2	106.3	116.0	125.6	135.5	144.5	153.3	164.4
57.5°	84.4	92.5	101.2	110.3	121.1	133.3	145.0	155.6	167.0	179.2	191.7
55°	91.7	102.2	111.9	122.8	136.0	151.4	164.4	177.0	190.6	211.2	229.2
52.5°	99.6	111.2	122.2	135.5	151.9	168.3	183.1	200.8	223.6	254.1	303.8
50°	107.1	119.6	132.4	149.6	167.4	184.7	206.1	230.7	276.2	333.3	433.1
47.5°	114.5	127.8	144.7	163.4	182.7	205.5	232.7	286.5	348.5	490.6	632.2
45°	121.9	137.7	156.4	177.5	200.6	229.3	285.6	352.0	520.7	684.1	854.3
42.5°	129.1	147.6	169.0	191.5	221.6	273.5	346.1	521.4	704.1	891.8	1055.2
40°	137.3	156.9	181.6	210.2	250.0	328.8	491.6	689.0	895.0	1072.3	1231.3
37.5°	145.0	168.2	195.1	228.3	299.8	431.3	641.1	860.1	1059.6	1232.8	1402.6
35°	152.1	179.1	211.2	261.1	348.6	565.4	792.9	1015.6	1206.2	1391.2	1576.9
32.5°	160.4	189.7	226.7	304.4	460.6	694.9	936.9	1149.1	1348.7	1545.9	1758.1
30°	169.6	202.8	248.2	345.7	571.5	820.7	1060.5	1277.2	1484.1	1703.2	1930.4
27.5°	178.3	215.4	283.9	425.9	675.8	938.1	1172.9	1395.9	1618.0	1851.3	2096.0
25°	186.1	227.4	317.4	513.8	776.5	1038.3	1276.2	1503.2	1743.1	1996.6	2254.1
22.5°	194.6	239.1	347.6	593.8	868.6	1127.5	1367.6	1608.2	1862.1	2130.9	2399.4
20°	203.7	264.2	397.3	667.7	952.3	1208.6	1449.5	1705.8	1973.5	2251.8	2535.5
17.5°	212.0	286.3	456.6	737.9	1022.7	1279.0	1523.2	1794.1	2070.3	2361.3	2660.1
15°	219.5	305.4	508.9	799.9	1082.4	1338.9	1595.2	1872.6	2156.4	2459.5	2769.8
12.5°	226.1	321.6	553.9	853.5	1132.8	1390.0	1655.7	1938.7	2233.1	2545.3	2868.6
10°	231.7	334.8	591.3	898.4	1173.8	1432.3	1704.2	1993.8	2294.2	2614.4	2948.4
7.5°	235.3	345.7	620.8	934.2	1205.4	1465.3	1740.8	2037.1	2338.8	2668.3	3008.7
5°	237.5	354.6	642.2	960.6	1228.4	1490.3	1767.2	2068.3	2367.5	2706.1	3049.2
2.5°	238.6	360.7	655.2	977.6	1242.9	1507.7	1789.0	2095.6	2397.6	2733.1	3080.6
0°	238.5	363.8	659.9	984.8	1248.4	1515.7	1799.8	2109.8	2417.0	2744.7	3102.0
-2.5°	238.6	360.7	655.2	977.6	1242.9	1507.7	1789.0	2095.6	2397.6	2733.1	3080.6
-5°	237.5	354.6	642.2	960.6	1228.4	1490.3	1767.2	2068.3	2367.5	2706.1	3049.2
-7.5°	235.3	345.7	620.8	934.2	1205.4	1465.3	1740.8	2037.1	2338.8	2668.3	3008.7
-10°	231.7	334.8	591.3	898.4	1173.8	1432.3	1704.2	1993.8	2294.2	2614.4	2948.4
-12.5°	226.1	321.6	553.9	853.5	1132.8	1390.0	1655.7	1938.7	2233.1	2545.3	2868.6
-15°	219.5	305.4	508.9	799.9	1082.4	1338.9	1595.2	1872.6	2156.4	2459.5	2769.8
-17.5°	212.0	286.3	456.6	737.9	1022.7	1279.0	1523.2	1794.1	2070.3	2361.3	2660.1
-20°	203.7	264.2	397.3	667.7	952.3	1208.6	1449.5	1705.8	1973.5	2251.8	2535.5



REPORT NUMBER: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	194.6	239.1	347.6	593.8	868.6	1127.5	1367.6	1608.2	1862.1	2130.9	2399.4
-25°	186.1	227.4	317.4	513.8	776.5	1038.3	1276.2	1503.2	1743.1	1996.6	2254.1
-27.5°	178.3	215.4	283.9	425.9	675.8	938.1	1172.9	1395.9	1618.0	1851.3	2096.0
-30°	169.6	202.8	248.2	345.7	571.5	820.7	1060.5	1277.2	1484.1	1703.2	1930.4
-32.5°	160.4	189.7	226.7	304.4	460.6	694.9	936.9	1149.1	1348.7	1545.9	1758.1
-35°	152.1	179.1	211.2	261.1	348.6	565.4	792.9	1015.6	1206.2	1391.2	1576.9
-37.5°	145.0	168.2	195.1	228.3	299.8	431.3	641.1	860.1	1059.6	1232.8	1402.6
-40°	137.3	156.9	181.6	210.2	250.0	328.8	491.6	689.0	895.0	1072.3	1231.3
-42.5°	129.1	147.6	169.0	191.5	221.6	273.5	346.1	521.4	704.1	891.8	1055.2
-45°	121.9	137.7	156.4	177.5	200.6	229.3	285.6	352.0	520.7	684.1	854.3
-47.5°	114.5	127.8	144.7	163.4	182.7	205.5	232.7	286.5	348.5	490.6	632.2
-50°	107.1	119.6	132.4	149.6	167.4	184.7	206.1	230.7	276.2	333.3	433.1
-52.5°	99.6	111.2	122.2	135.5	151.9	168.3	183.1	200.8	223.6	254.1	303.8
-55°	91.7	102.2	111.9	122.8	136.0	151.4	164.4	177.0	190.6	211.2	229.2
-57.5°	84.4	92.5	101.2	110.3	121.1	133.3	145.0	155.6	167.0	179.2	191.7
-60°	77.8	83.4	90.4	98.2	106.3	116.0	125.6	135.5	144.5	153.3	164.4
-62.5°	70.8	74.8	79.7	86.3	93.1	99.0	106.5	115.0	123.8	130.3	137.8
-65°	61.9	65.6	68.8	73.7	80.0	84.6	89.2	93.9	100.7	107.1	111.0
-67.5°	52.7	56.3	58.6	60.2	64.6	69.5	73.3	76.8	80.7	86.4	91.1
-70°	42.4	47.1	49.8	51.0	51.4	54.0	57.8	60.7	63.8	69.4	74.6
-72.5°	32.0	36.7	40.3	42.6	42.4	42.1	43.1	45.4	49.8	55.5	60.4
-75°	23.4	26.6	30.3	33.0	33.1	31.1	28.5	27.9	33.3	41.1	47.5
-77.5°	16.1	18.5	21.0	23.5	24.0	22.8	20.8	18.1	21.3	27.7	34.9
-80°	9.9	10.3	11.9	13.6	14.4	14.4	13.6	12.2	14.4	18.0	22.4
-82.5°	5.9	6.3	6.6	6.6	6.7	6.7	6.6	6.6	8.1	10.0	12.2
-85°	2.4	2.4	2.7	2.9	3.2	3.4	3.5	3.4	3.8	4.4	5.0
-87.5°	1.2	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.2	1.1	0.9
-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: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
85°	5.7	5.6	5.4	5.1	4.7	4.9	5.0	5.2	5.3	4.9	4.5
82.5°	14.6	15.7	16.7	17.7	18.9	18.7	18.2	17.4	16.4	14.7	12.7
80°	27.3	29.8	31.5	32.9	34.0	32.9	31.3	29.5	27.5	24.4	21.1
77.5°	42.4	44.9	46.3	47.9	49.6	50.0	50.1	50.3	50.5	44.8	37.5
75°	52.6	56.0	58.8	61.3	63.4	64.5	65.2	65.9	66.6	59.0	49.1
72.5°	64.6	67.9	70.6	73.3	75.6	77.4	78.9	80.0	80.9	74.8	66.2
70°	78.7	82.0	85.1	87.8	90.5	93.0	95.2	97.3	99.2	99.5	100.0
67.5°	94.6	96.6	100.3	103.8	107.9	111.0	114.4	117.5	120.5	123.0	125.0
65°	114.4	121.4	128.5	131.9	132.2	136.6	143.6	147.5	148.6	149.5	151.7
62.5°	147.5	156.5	161.2	167.4	176.0	185.3	188.9	194.0	200.2	207.3	213.7
60°	173.7	181.4	192.9	204.6	215.0	224.4	247.3	267.6	285.0	300.0	314.4
57.5°	206.3	219.0	236.6	268.2	297.2	323.3	368.1	422.7	471.4	513.9	551.3
55°	258.3	295.3	328.6	403.3	483.1	552.2	616.9	686.0	742.3	786.3	827.0
52.5°	346.9	448.7	551.7	648.7	744.1	830.9	908.7	970.0	1017.9	1053.8	1087.9
50°	555.4	678.0	803.6	919.2	1012.9	1098.5	1179.6	1240.4	1291.3	1335.1	1373.9
47.5°	782.7	926.1	1044.8	1151.5	1252.5	1347.4	1436.1	1510.2	1572.8	1630.6	1678.7
45°	1008.8	1137.2	1258.9	1373.3	1483.2	1589.6	1685.0	1769.2	1852.1	1920.6	1974.9
42.5°	1200.1	1336.0	1465.4	1596.4	1719.2	1838.6	1953.8	2056.3	2144.3	2219.2	2279.5
40°	1383.6	1530.2	1683.9	1829.3	1975.2	2111.4	2239.1	2355.9	2456.3	2544.9	2620.0
37.5°	1570.4	1741.5	1910.4	2076.1	2236.9	2385.0	2531.6	2666.4	2784.0	2887.7	2974.8
35°	1767.6	1956.1	2140.0	2326.7	2502.2	2673.6	2835.6	2984.0	3114.2	3236.4	3341.5
32.5°	1965.1	2169.4	2376.4	2578.4	2772.8	2964.9	3142.5	3309.8	3463.7	3599.0	3711.2
30°	2157.4	2382.4	2603.8	2823.9	3045.8	3255.0	3451.8	3635.6	3802.6	3949.9	4077.4
27.5°	2342.0	2583.8	2821.3	3073.1	3314.2	3541.7	3755.5	3953.1	4139.5	4307.0	4451.7
25°	2512.7	2769.6	3046.4	3310.5	3568.5	3820.9	4055.1	4269.8	4482.8	4667.2	4824.3
22.5°	2674.1	2960.7	3252.2	3529.0	3813.7	4091.3	4353.5	4602.2	4829.8	5023.0	5190.5
20°	2827.5	3135.9	3436.2	3742.8	4051.1	4350.5	4639.2	4905.1	5145.6	5356.1	5545.0
17.5°	2972.4	3291.5	3610.7	3938.1	4271.0	4585.8	4891.7	5180.9	5443.4	5677.0	5889.9
15°	3097.7	3427.5	3769.3	4117.2	4465.4	4800.1	5124.8	5439.8	5735.2	5989.4	6204.1
12.5°	3204.2	3547.8	3909.3	4274.4	4641.4	4992.3	5336.4	5673.4	5987.5	6260.8	6481.2
10°	3292.6	3652.5	4030.2	4410.4	4786.9	5151.4	5509.3	5858.1	6195.3	6478.7	6705.1
7.5°	3366.2	3739.9	4126.4	4518.1	4897.9	5276.5	5649.8	6002.1	6334.3	6633.1	6865.8
5°	3421.2	3801.2	4195.7	4597.2	4982.9	5375.0	5759.3	6119.9	6448.9	6719.6	6909.5
2.5°	3462.1	3839.3	4240.8	4645.0	5035.7	5442.0	5834.5	6195.4	6532.2	6788.4	6952.9
0°	3490.0	3860.3	4281.7	4678.1	5075.3	5492.1	5880.1	6244.8	6582.7	6833.3	7003.2
-2.5°	3462.1	3839.3	4240.8	4645.0	5035.7	5442.0	5834.5	6195.4	6532.2	6788.4	6952.9
-5°	3421.2	3801.2	4195.7	4597.2	4982.9	5375.0	5759.3	6119.9	6448.9	6719.6	6909.5
-7.5°	3366.2	3739.9	4126.4	4518.1	4897.9	5276.5	5649.8	6002.1	6334.3	6633.1	6865.8
-10°	3292.6	3652.5	4030.2	4410.4	4786.9	5151.4	5509.3	5858.1	6195.3	6478.7	6705.1
-12.5°	3204.2	3547.8	3909.3	4274.4	4641.4	4992.3	5336.4	5673.4	5987.5	6260.8	6481.2
-15°	3097.7	3427.5	3769.3	4117.2	4465.4	4800.1	5124.8	5439.8	5735.2	5989.4	6204.1
-17.5°	2972.4	3291.5	3610.7	3938.1	4271.0	4585.8	4891.7	5180.9	5443.4	5677.0	5889.9
-20°	2827.5	3135.9	3436.2	3742.8	4051.1	4350.5	4639.2	4905.1	5145.6	5356.1	5545.0



REPORT NUMBER: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2674.1	2960.7	3252.2	3529.0	3813.7	4091.3	4353.5	4602.2	4829.8	5023.0	5190.5
-25°	2512.7	2769.6	3046.4	3310.5	3568.5	3820.9	4055.1	4269.8	4482.8	4667.2	4824.3
-27.5°	2342.0	2583.8	2821.3	3073.1	3314.2	3541.7	3755.5	3953.1	4139.5	4307.0	4451.7
-30°	2157.4	2382.4	2603.8	2823.9	3045.8	3255.0	3451.8	3635.6	3802.6	3949.9	4077.4
-32.5°	1965.1	2169.4	2376.4	2578.4	2772.8	2964.9	3142.5	3309.8	3463.7	3599.0	3711.2
-35°	1767.6	1956.1	2140.0	2326.7	2502.2	2673.6	2835.6	2984.0	3114.2	3236.4	3341.5
-37.5°	1570.4	1741.5	1910.4	2076.1	2236.9	2385.0	2531.6	2666.4	2784.0	2887.7	2974.8
-40°	1383.6	1530.2	1683.9	1829.3	1975.2	2111.4	2239.1	2355.9	2456.3	2544.9	2620.0
-42.5°	1200.1	1336.0	1465.4	1596.4	1719.2	1838.6	1953.8	2056.3	2144.3	2219.2	2279.5
-45°	1008.8	1137.2	1258.9	1373.3	1483.2	1589.6	1685.0	1769.2	1852.1	1920.6	1974.9
-47.5°	782.7	926.1	1044.8	1151.5	1252.5	1347.4	1436.1	1510.2	1572.8	1630.6	1678.7
-50°	555.4	678.0	803.6	919.2	1012.9	1098.5	1179.6	1240.4	1291.3	1335.1	1373.9
-52.5°	346.9	448.7	551.7	648.7	744.1	830.9	908.7	970.0	1017.9	1053.8	1087.9
-55°	258.3	295.3	328.6	403.3	483.1	552.2	616.9	686.0	742.3	786.3	827.0
-57.5°	206.3	219.0	236.6	268.2	297.2	323.3	368.1	422.7	471.4	513.9	551.3
-60°	173.7	181.4	192.9	204.6	215.0	224.4	247.3	267.6	285.0	300.0	314.4
-62.5°	147.5	156.5	161.2	167.4	176.0	185.3	188.9	194.0	200.2	207.3	213.7
-65°	114.4	121.4	128.5	131.9	132.2	136.6	143.6	147.5	148.6	149.5	151.7
-67.5°	94.6	96.6	100.3	103.8	107.9	111.0	114.4	117.5	120.5	123.0	125.0
-70°	78.7	82.0	85.1	87.8	90.5	93.0	95.2	97.3	99.2	99.5	100.0
-72.5°	64.6	67.9	70.6	73.3	75.6	77.4	78.9	80.0	80.9	74.8	66.2
-75°	52.6	56.0	58.8	61.3	63.4	64.5	65.2	65.9	66.6	59.0	49.1
-77.5°	42.4	44.9	46.3	47.9	49.6	50.0	50.1	50.3	50.5	44.8	37.5
-80°	27.3	29.8	31.5	32.9	34.0	32.9	31.3	29.5	27.5	24.4	21.1
-82.5°	14.6	15.7	16.7	17.7	18.9	18.7	18.2	17.4	16.4	14.7	12.7
-85°	5.7	5.6	5.4	5.1	4.7	4.9	5.0	5.2	5.3	4.9	4.5
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
-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: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	4.1	3.7	3.7	3.7	3.7	3.7	4.1	4.5	4.9	5.3	5.2
82.5°	10.6	8.4	8.8	9.3	8.8	8.4	10.6	12.7	14.7	16.4	17.4
80°	17.6	13.9	14.4	14.9	14.4	13.9	17.6	21.1	24.4	27.5	29.5
77.5°	29.7	21.6	20.8	20.4	20.8	21.6	29.7	37.5	44.8	50.5	50.3
75°	38.9	28.4	27.8	27.8	27.8	28.4	38.9	49.1	59.0	66.6	65.9
72.5°	57.5	48.6	42.4	36.2	42.4	48.6	57.5	66.2	74.8	80.9	80.0
70°	101.0	102.3	101.7	100.2	101.7	102.3	101.0	100.0	99.5	99.2	97.3
67.5°	126.7	128.1	128.3	128.1	128.3	128.1	126.7	125.0	123.0	120.5	117.5
65°	153.2	154.0	154.7	155.0	154.7	154.0	153.2	151.7	149.5	148.6	147.5
62.5°	218.4	221.6	225.0	227.4	225.0	221.6	218.4	213.7	207.3	200.2	194.0
60°	327.1	337.5	342.1	342.5	342.1	337.5	327.1	314.4	300.0	285.0	267.6
57.5°	581.3	603.7	623.6	638.6	623.6	603.7	581.3	551.3	513.9	471.4	422.7
55°	859.5	883.3	896.7	900.3	896.7	883.3	859.5	827.0	786.3	742.3	686.0
52.5°	1113.6	1129.5	1144.5	1157.5	1144.5	1129.5	1113.6	1087.9	1053.8	1017.9	970.0
50°	1403.1	1420.8	1435.6	1447.0	1435.6	1420.8	1403.1	1373.9	1335.1	1291.3	1240.4
47.5°	1712.5	1734.1	1750.1	1760.8	1750.1	1734.1	1712.5	1678.7	1630.6	1572.8	1510.2
45°	2021.3	2058.3	2080.8	2084.7	2080.8	2058.3	2021.3	1974.9	1920.6	1852.1	1769.2
42.5°	2331.6	2367.0	2390.9	2408.6	2390.9	2367.0	2331.6	2279.5	2219.2	2144.3	2056.3
40°	2682.5	2727.0	2747.5	2734.4	2747.5	2727.0	2682.5	2620.0	2544.9	2456.3	2355.9
37.5°	3042.0	3087.8	3111.5	3110.4	3111.5	3087.8	3042.0	2974.8	2887.7	2784.0	2666.4
35°	3423.2	3480.0	3510.7	3503.0	3510.7	3480.0	3423.2	3341.5	3236.4	3114.2	2984.0
32.5°	3800.8	3869.4	3913.8	3920.7	3913.8	3869.4	3800.8	3711.2	3599.0	3463.7	3309.8
30°	4179.6	4253.8	4297.9	4302.2	4297.9	4253.8	4179.6	4077.4	3949.9	3802.6	3635.6
27.5°	4573.1	4656.1	4702.3	4713.3	4702.3	4656.1	4573.1	4451.7	4307.0	4139.5	3953.1
25°	4958.2	5050.4	5103.3	5123.6	5103.3	5050.4	4958.2	4824.3	4667.2	4482.8	4269.8
22.5°	5329.6	5430.6	5499.6	5517.1	5499.6	5430.6	5329.6	5190.5	5023.0	4829.8	4602.2
20°	5702.0	5821.2	5909.4	5918.1	5909.4	5821.2	5702.0	5545.0	5356.1	5145.6	4905.1
17.5°	6060.5	6189.5	6284.0	6307.0	6284.0	6189.5	6060.5	5889.9	5677.0	5443.4	5180.9
15°	6381.5	6516.9	6608.1	6628.2	6608.1	6516.9	6381.5	6204.1	5989.4	5735.2	5439.8
12.5°	6658.5	6783.3	6868.5	6901.1	6868.5	6783.3	6658.5	6481.2	6260.8	5987.5	5673.4
10°	6881.7	6978.1	7054.2	7088.6	7054.2	6978.1	6881.7	6705.1	6478.7	6195.3	5858.1
7.5°	7006.3	7085.6	7138.3	7157.3	7138.3	7085.6	7006.3	6865.8	6633.1	6334.3	6002.1
5°	7055.5	7131.5	7160.1	7176.7	7160.1	7131.5	7055.5	6909.5	6719.6	6448.9	6119.9
2.5°	7062.2	7123.1	7181.8	7220.4	7181.8	7123.1	7062.2	6952.9	6788.4	6532.2	6195.4
0°	7101.6	7161.0	7193.5	7212.0	7193.5	7161.0	7101.6	7003.2	6833.3	6582.7	6244.8
-2.5°	7062.2	7123.1	7181.8	7220.4	7181.8	7123.1	7062.2	6952.9	6788.4	6532.2	6195.4
-5°	7055.5	7131.5	7160.1	7176.7	7160.1	7131.5	7055.5	6909.5	6719.6	6448.9	6119.9
-7.5°	7006.3	7085.6	7138.3	7157.3	7138.3	7085.6	7006.3	6865.8	6633.1	6334.3	6002.1
-10°	6881.7	6978.1	7054.2	7088.6	7054.2	6978.1	6881.7	6705.1	6478.7	6195.3	5858.1
-12.5°	6658.5	6783.3	6868.5	6901.1	6868.5	6783.3	6658.5	6481.2	6260.8	5987.5	5673.4
-15°	6381.5	6516.9	6608.1	6628.2	6608.1	6516.9	6381.5	6204.1	5989.4	5735.2	5439.8
-17.5°	6060.5	6189.5	6284.0	6307.0	6284.0	6189.5	6060.5	5889.9	5677.0	5443.4	5180.9
-20°	5702.0	5821.2	5909.4	5918.1	5909.4	5821.2	5702.0	5545.0	5356.1	5145.6	4905.1



REPORT NUMBER: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5329.6	5430.6	5499.6	5517.1	5499.6	5430.6	5329.6	5190.5	5023.0	4829.8	4602.2
-25°	4958.2	5050.4	5103.3	5123.6	5103.3	5050.4	4958.2	4824.3	4667.2	4482.8	4269.8
-27.5°	4573.1	4656.1	4702.3	4713.3	4702.3	4656.1	4573.1	4451.7	4307.0	4139.5	3953.1
-30°	4179.6	4253.8	4297.9	4302.2	4297.9	4253.8	4179.6	4077.4	3949.9	3802.6	3635.6
-32.5°	3800.8	3869.4	3913.8	3920.7	3913.8	3869.4	3800.8	3711.2	3599.0	3463.7	3309.8
-35°	3423.2	3480.0	3510.7	3503.0	3510.7	3480.0	3423.2	3341.5	3236.4	3114.2	2984.0
-37.5°	3042.0	3087.8	3111.5	3110.4	3111.5	3087.8	3042.0	2974.8	2887.7	2784.0	2666.4
-40°	2682.5	2727.0	2747.5	2734.4	2747.5	2727.0	2682.5	2620.0	2544.9	2456.3	2355.9
-42.5°	2331.6	2367.0	2390.9	2408.6	2390.9	2367.0	2331.6	2279.5	2219.2	2144.3	2056.3
-45°	2021.3	2058.3	2080.8	2084.7	2080.8	2058.3	2021.3	1974.9	1920.6	1852.1	1769.2
-47.5°	1712.5	1734.1	1750.1	1760.8	1750.1	1734.1	1712.5	1678.7	1630.6	1572.8	1510.2
-50°	1403.1	1420.8	1435.6	1447.0	1435.6	1420.8	1403.1	1373.9	1335.1	1291.3	1240.4
-52.5°	1113.6	1129.5	1144.5	1157.5	1144.5	1129.5	1113.6	1087.9	1053.8	1017.9	970.0
-55°	859.5	883.3	896.7	900.3	896.7	883.3	859.5	827.0	786.3	742.3	686.0
-57.5°	581.3	603.7	623.6	638.6	623.6	603.7	581.3	551.3	513.9	471.4	422.7
-60°	327.1	337.5	342.1	342.5	342.1	337.5	327.1	314.4	300.0	285.0	267.6
-62.5°	218.4	221.6	225.0	227.4	225.0	221.6	218.4	213.7	207.3	200.2	194.0
-65°	153.2	154.0	154.7	155.0	154.7	154.0	153.2	151.7	149.5	148.6	147.5
-67.5°	126.7	128.1	128.3	128.1	128.3	128.1	126.7	125.0	123.0	120.5	117.5
-70°	101.0	102.3	101.7	100.2	101.7	102.3	101.0	100.0	99.5	99.2	97.3
-72.5°	57.5	48.6	42.4	36.2	42.4	48.6	57.5	66.2	74.8	80.9	80.0
-75°	38.9	28.4	27.8	27.8	27.8	28.4	38.9	49.1	59.0	66.6	65.9
-77.5°	29.7	21.6	20.8	20.4	20.8	21.6	29.7	37.5	44.8	50.5	50.3
-80°	17.6	13.9	14.4	14.9	14.4	13.9	17.6	21.1	24.4	27.5	29.5
-82.5°	10.6	8.4	8.8	9.3	8.8	8.4	10.6	12.7	14.7	16.4	17.4
-85°	4.1	3.7	3.7	3.7	3.7	3.7	4.1	4.5	4.9	5.3	5.2
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.9	1.1	1.2	1.3
85°	5.0	4.9	4.7	5.1	5.4	5.6	5.7	5.0	4.4	3.8	3.4
82.5°	18.2	18.7	18.9	17.7	16.7	15.7	14.6	12.2	10.0	8.1	6.6
80°	31.3	32.9	34.0	32.9	31.5	29.8	27.3	22.4	18.0	14.4	12.2
77.5°	50.1	50.0	49.6	47.9	46.3	44.9	42.4	34.9	27.7	21.3	18.1
75°	65.2	64.5	63.4	61.3	58.8	56.0	52.6	47.5	41.1	33.3	27.9
72.5°	78.9	77.4	75.6	73.3	70.6	67.9	64.6	60.4	55.5	49.8	45.4
70°	95.2	93.0	90.5	87.8	85.1	82.0	78.7	74.6	69.4	63.8	60.7
67.5°	114.4	111.0	107.9	103.8	100.3	96.6	94.6	91.1	86.4	80.7	76.8
65°	143.6	136.6	132.2	131.9	128.5	121.4	114.4	111.0	107.1	100.7	93.9
62.5°	188.9	185.3	176.0	167.4	161.2	156.5	147.5	137.8	130.3	123.8	115.0
60°	247.3	224.4	215.0	204.6	192.9	181.4	173.7	164.4	153.3	144.5	135.5
57.5°	368.1	323.3	297.2	268.2	236.6	219.0	206.3	191.7	179.2	167.0	155.6
55°	616.9	552.2	483.1	403.3	328.6	295.3	258.3	229.2	211.2	190.6	177.0
52.5°	908.7	830.9	744.1	648.7	551.7	448.7	346.9	303.8	254.1	223.6	200.8
50°	1179.6	1098.5	1012.9	919.2	803.6	678.0	555.4	433.1	333.3	276.2	230.7
47.5°	1436.1	1347.4	1252.5	1151.5	1044.8	926.1	782.7	632.2	490.6	348.5	286.5
45°	1685.0	1589.6	1483.2	1373.3	1258.9	1137.2	1008.8	854.3	684.1	520.7	352.0
42.5°	1953.8	1838.6	1719.2	1596.4	1465.4	1336.0	1200.1	1055.2	891.8	704.1	521.4
40°	2239.1	2111.4	1975.2	1829.3	1683.9	1530.2	1383.6	1231.3	1072.3	895.0	689.0
37.5°	2531.6	2385.0	2236.9	2076.1	1910.4	1741.5	1570.4	1402.6	1232.8	1059.6	860.1
35°	2835.6	2673.6	2502.2	2326.7	2140.0	1956.1	1767.6	1576.9	1391.2	1206.2	1015.6
32.5°	3142.5	2964.9	2772.8	2578.4	2376.4	2169.4	1965.1	1758.1	1545.9	1348.7	1149.1
30°	3451.8	3255.0	3045.8	2823.9	2603.8	2382.4	2157.4	1930.4	1703.2	1484.1	1277.2
27.5°	3755.5	3541.7	3314.2	3073.1	2821.3	2583.8	2342.0	2096.0	1851.3	1618.0	1395.9
25°	4055.1	3820.9	3568.5	3310.5	3046.4	2769.6	2512.7	2254.1	1996.6	1743.1	1503.2
22.5°	4353.5	4091.3	3813.7	3529.0	3252.2	2960.7	2674.1	2399.4	2130.9	1862.1	1608.2
20°	4639.2	4350.5	4051.1	3742.8	3436.2	3135.9	2827.5	2535.5	2251.8	1973.5	1705.8
17.5°	4891.7	4585.8	4271.0	3938.1	3610.7	3291.5	2972.4	2660.1	2361.3	2070.3	1794.1
15°	5124.8	4800.1	4465.4	4117.2	3769.3	3427.5	3097.7	2769.8	2459.5	2156.4	1872.6
12.5°	5336.4	4992.3	4641.4	4274.4	3909.3	3547.8	3204.2	2868.6	2545.3	2233.1	1938.7
10°	5509.3	5151.4	4786.9	4410.4	4030.2	3652.5	3292.6	2948.4	2614.4	2294.2	1993.8
7.5°	5649.8	5276.5	4897.9	4518.1	4126.4	3739.9	3366.2	3008.7	2668.3	2338.8	2037.1
5°	5759.3	5375.0	4982.9	4597.2	4195.7	3801.2	3421.2	3049.2	2706.1	2367.5	2068.3
2.5°	5834.5	5442.0	5035.7	4645.0	4240.8	3839.3	3462.1	3080.6	2733.1	2397.6	2095.6
0°	5880.1	5492.1	5075.3	4678.1	4281.7	3860.3	3490.0	3102.0	2744.7	2417.0	2109.8
-2.5°	5834.5	5442.0	5035.7	4645.0	4240.8	3839.3	3462.1	3080.6	2733.1	2397.6	2095.6
-5°	5759.3	5375.0	4982.9	4597.2	4195.7	3801.2	3421.2	3049.2	2706.1	2367.5	2068.3
-7.5°	5649.8	5276.5	4897.9	4518.1	4126.4	3739.9	3366.2	3008.7	2668.3	2338.8	2037.1
-10°	5509.3	5151.4	4786.9	4410.4	4030.2	3652.5	3292.6	2948.4	2614.4	2294.2	1993.8
-12.5°	5336.4	4992.3	4641.4	4274.4	3909.3	3547.8	3204.2	2868.6	2545.3	2233.1	1938.7
-15°	5124.8	4800.1	4465.4	4117.2	3769.3	3427.5	3097.7	2769.8	2459.5	2156.4	1872.6
-17.5°	4891.7	4585.8	4271.0	3938.1	3610.7	3291.5	2972.4	2660.1	2361.3	2070.3	1794.1
-20°	4639.2	4350.5	4051.1	3742.8	3436.2	3135.9	2827.5	2535.5	2251.8	1973.5	1705.8



REPORT NUMBER: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4353.5	4091.3	3813.7	3529.0	3252.2	2960.7	2674.1	2399.4	2130.9	1862.1	1608.2
-25°	4055.1	3820.9	3568.5	3310.5	3046.4	2769.6	2512.7	2254.1	1996.6	1743.1	1503.2
-27.5°	3755.5	3541.7	3314.2	3073.1	2821.3	2583.8	2342.0	2096.0	1851.3	1618.0	1395.9
-30°	3451.8	3255.0	3045.8	2823.9	2603.8	2382.4	2157.4	1930.4	1703.2	1484.1	1277.2
-32.5°	3142.5	2964.9	2772.8	2578.4	2376.4	2169.4	1965.1	1758.1	1545.9	1348.7	1149.1
-35°	2835.6	2673.6	2502.2	2326.7	2140.0	1956.1	1767.6	1576.9	1391.2	1206.2	1015.6
-37.5°	2531.6	2385.0	2236.9	2076.1	1910.4	1741.5	1570.4	1402.6	1232.8	1059.6	860.1
-40°	2239.1	2111.4	1975.2	1829.3	1683.9	1530.2	1383.6	1231.3	1072.3	895.0	689.0
-42.5°	1953.8	1838.6	1719.2	1596.4	1465.4	1336.0	1200.1	1055.2	891.8	704.1	521.4
-45°	1685.0	1589.6	1483.2	1373.3	1258.9	1137.2	1008.8	854.3	684.1	520.7	352.0
-47.5°	1436.1	1347.4	1252.5	1151.5	1044.8	926.1	782.7	632.2	490.6	348.5	286.5
-50°	1179.6	1098.5	1012.9	919.2	803.6	678.0	555.4	433.1	333.3	276.2	230.7
-52.5°	908.7	830.9	744.1	648.7	551.7	448.7	346.9	303.8	254.1	223.6	200.8
-55°	616.9	552.2	483.1	403.3	328.6	295.3	258.3	229.2	211.2	190.6	177.0
-57.5°	368.1	323.3	297.2	268.2	236.6	219.0	206.3	191.7	179.2	167.0	155.6
-60°	247.3	224.4	215.0	204.6	192.9	181.4	173.7	164.4	153.3	144.5	135.5
-62.5°	188.9	185.3	176.0	167.4	161.2	156.5	147.5	137.8	130.3	123.8	115.0
-65°	143.6	136.6	132.2	131.9	128.5	121.4	114.4	111.0	107.1	100.7	93.9
-67.5°	114.4	111.0	107.9	103.8	100.3	96.6	94.6	91.1	86.4	80.7	76.8
-70°	95.2	93.0	90.5	87.8	85.1	82.0	78.7	74.6	69.4	63.8	60.7
-72.5°	78.9	77.4	75.6	73.3	70.6	67.9	64.6	60.4	55.5	49.8	45.4
-75°	65.2	64.5	63.4	61.3	58.8	56.0	52.6	47.5	41.1	33.3	27.9
-77.5°	50.1	50.0	49.6	47.9	46.3	44.9	42.4	34.9	27.7	21.3	18.1
-80°	31.3	32.9	34.0	32.9	31.5	29.8	27.3	22.4	18.0	14.4	12.2
-82.5°	18.2	18.7	18.9	17.7	16.7	15.7	14.6	12.2	10.0	8.1	6.6
-85°	5.0	4.9	4.7	5.1	5.4	5.6	5.7	5.0	4.4	3.8	3.4
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.9	1.1	1.2	1.3
-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: P558691 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-927-U-WR-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°	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.0	0.8
85°	3.5	3.4	3.2	2.9	2.7	2.4	2.4	2.4	2.1	1.9	1.7
82.5°	6.6	6.7	6.7	6.6	6.6	6.3	5.9	5.3	4.1	3.0	2.5
80°	13.6	14.4	14.4	13.6	11.9	10.3	9.9	9.1	7.5	6.0	4.5
77.5°	20.8	22.8	24.0	23.5	21.0	18.5	16.1	13.6	10.9	8.9	7.0
75°	28.5	31.1	33.1	33.0	30.3	26.6	23.4	20.1	16.1	12.0	9.5
72.5°	43.1	42.1	42.4	42.6	40.3	36.7	32.0	26.5	21.9	17.2	12.5
70°	57.8	54.0	51.4	51.0	49.8	47.1	42.4	35.2	27.6	22.3	17.0
67.5°	73.3	69.5	64.6	60.2	58.6	56.3	52.7	44.3	35.4	27.4	21.4
65°	89.2	84.6	80.0	73.7	68.8	65.6	61.9	53.0	42.8	33.6	25.7
62.5°	106.5	99.0	93.1	86.3	79.7	74.8	70.8	61.2	50.1	39.6	30.4
60°	125.6	116.0	106.3	98.2	90.4	83.4	77.8	69.4	57.9	45.3	35.1
57.5°	145.0	133.3	121.1	110.3	101.2	92.5	84.4	76.4	65.8	52.2	39.4
55°	164.4	151.4	136.0	122.8	111.9	102.2	91.7	82.6	73.1	59.4	42.6
52.5°	183.1	168.3	151.9	135.5	122.2	111.2	99.6	88.9	78.9	66.5	47.5
50°	206.1	184.7	167.4	149.6	132.4	119.6	107.1	95.4	84.6	73.1	52.0
47.5°	232.7	205.5	182.7	163.4	144.7	127.8	114.5	101.7	90.3	78.2	55.9
45°	285.6	229.3	200.6	177.5	156.4	137.7	121.9	107.5	95.5	80.4	59.2
42.5°	346.1	273.5	221.6	191.5	169.0	147.6	129.1	113.8	100.3	81.9	61.1
40°	491.6	328.8	250.0	210.2	181.6	156.9	137.3	120.2	104.3	82.7	61.8
37.5°	641.1	431.3	299.8	228.3	195.1	168.2	145.0	126.3	106.0	83.6	62.0
35°	792.9	565.4	348.6	261.1	211.2	179.1	152.1	132.4	109.9	84.5	61.7
32.5°	936.9	694.9	460.6	304.4	226.7	189.7	160.4	138.5	114.8	85.3	60.8
30°	1060.5	820.7	571.5	345.7	248.2	202.8	169.6	144.2	120.7	86.1	60.0
27.5°	1172.9	938.1	675.8	425.9	283.9	215.4	178.3	149.6	127.4	88.2	60.1
25°	1276.2	1038.3	776.5	513.8	317.4	227.4	186.1	154.7	132.8	92.8	60.1
22.5°	1367.6	1127.5	868.6	593.8	347.6	239.1	194.6	161.3	136.9	97.6	60.0
20°	1449.5	1208.6	952.3	667.7	397.3	264.2	203.7	167.1	140.6	102.6	59.7
17.5°	1523.2	1279.0	1022.7	737.9	456.6	286.3	212.0	172.1	143.9	107.6	59.1
15°	1595.2	1338.9	1082.4	799.9	508.9	305.4	219.5	176.4	146.8	112.4	58.8
12.5°	1655.7	1390.0	1132.8	853.5	553.9	321.6	226.1	180.1	149.4	116.8	58.4
10°	1704.2	1432.3	1173.8	898.4	591.3	334.8	231.7	182.8	151.3	120.3	57.2
7.5°	1740.8	1465.3	1205.4	934.2	620.8	345.7	235.3	184.3	152.8	123.2	55.4
5°	1767.2	1490.3	1228.4	960.6	642.2	354.6	237.5	185.1	154.0	125.2	53.0
2.5°	1789.0	1507.7	1242.9	977.6	655.2	360.7	238.6	185.3	154.7	126.3	50.3
0°	1799.8	1515.7	1248.4	984.8	659.9	363.8	238.5	184.7	155.0	126.2	47.3
-2.5°	1789.0	1507.7	1242.9	977.6	655.2	360.7	238.6	185.3	154.7	126.3	50.3
-5°	1767.2	1490.3	1228.4	960.6	642.2	354.6	237.5	185.1	154.0	125.2	53.0
-7.5°	1740.8	1465.3	1205.4	934.2	620.8	345.7	235.3	184.3	152.8	123.2	55.4
-10°	1704.2	1432.3	1173.8	898.4	591.3	334.8	231.7	182.8	151.3	120.3	57.2
-12.5°	1655.7	1390.0	1132.8	853.5	553.9	321.6	226.1	180.1	149.4	116.8	58.4
-15°	1595.2	1338.9	1082.4	799.9	508.9	305.4	219.5	176.4	146.8	112.4	58.8
-17.5°	1523.2	1279.0	1022.7	737.9	456.6	286.3	212.0	172.1	143.9	107.6	59.1
-20°	1449.5	1208.6	952.3	667.7	397.3	264.2	203.7	167.1	140.6	102.6	59.7



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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°	1367.6	1127.5	868.6	593.8	347.6	239.1	194.6	161.3	136.9	97.6	60.0
-25°	1276.2	1038.3	776.5	513.8	317.4	227.4	186.1	154.7	132.8	92.8	60.1
-27.5°	1172.9	938.1	675.8	425.9	283.9	215.4	178.3	149.6	127.4	88.2	60.1
-30°	1060.5	820.7	571.5	345.7	248.2	202.8	169.6	144.2	120.7	86.1	60.0
-32.5°	936.9	694.9	460.6	304.4	226.7	189.7	160.4	138.5	114.8	85.3	60.8
-35°	792.9	565.4	348.6	261.1	211.2	179.1	152.1	132.4	109.9	84.5	61.7
-37.5°	641.1	431.3	299.8	228.3	195.1	168.2	145.0	126.3	106.0	83.6	62.0
-40°	491.6	328.8	250.0	210.2	181.6	156.9	137.3	120.2	104.3	82.7	61.8
-42.5°	346.1	273.5	221.6	191.5	169.0	147.6	129.1	113.8	100.3	81.9	61.1
-45°	285.6	229.3	200.6	177.5	156.4	137.7	121.9	107.5	95.5	80.4	59.2
-47.5°	232.7	205.5	182.7	163.4	144.7	127.8	114.5	101.7	90.3	78.2	55.9
-50°	206.1	184.7	167.4	149.6	132.4	119.6	107.1	95.4	84.6	73.1	52.0
-52.5°	183.1	168.3	151.9	135.5	122.2	111.2	99.6	88.9	78.9	66.5	47.5
-55°	164.4	151.4	136.0	122.8	111.9	102.2	91.7	82.6	73.1	59.4	42.6
-57.5°	145.0	133.3	121.1	110.3	101.2	92.5	84.4	76.4	65.8	52.2	39.4
-60°	125.6	116.0	106.3	98.2	90.4	83.4	77.8	69.4	57.9	45.3	35.1
-62.5°	106.5	99.0	93.1	86.3	79.7	74.8	70.8	61.2	50.1	39.6	30.4
-65°	89.2	84.6	80.0	73.7	68.8	65.6	61.9	53.0	42.8	33.6	25.7
-67.5°	73.3	69.5	64.6	60.2	58.6	56.3	52.7	44.3	35.4	27.4	21.4
-70°	57.8	54.0	51.4	51.0	49.8	47.1	42.4	35.2	27.6	22.3	17.0
-72.5°	43.1	42.1	42.4	42.6	40.3	36.7	32.0	26.5	21.9	17.2	12.5
-75°	28.5	31.1	33.1	33.0	30.3	26.6	23.4	20.1	16.1	12.0	9.5
-77.5°	20.8	22.8	24.0	23.5	21.0	18.5	16.1	13.6	10.9	8.9	7.0
-80°	13.6	14.4	14.4	13.6	11.9	10.3	9.9	9.1	7.5	6.0	4.5
-82.5°	6.6	6.7	6.7	6.6	6.6	6.3	5.9	5.3	4.1	3.0	2.5
-85°	3.5	3.4	3.2	2.9	2.7	2.4	2.4	2.4	2.1	1.9	1.7
-87.5°	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.0	0.8
-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	3.0	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	5.1	3.3	2.4	1.8	1.2	0.6	0.0
75°	7.1	4.8	3.0	2.2	1.4	0.7	0.0
72.5°	9.1	6.2	3.9	2.5	1.7	0.8	0.0
70°	11.2	7.6	4.9	2.9	1.9	1.0	0.0
67.5°	14.6	8.9	5.8	3.5	2.1	1.1	0.0
65°	17.8	10.6	6.6	4.0	2.4	1.2	0.0
62.5°	20.8	12.7	7.4	4.5	2.6	1.3	0.0
60°	23.5	14.6	8.2	5.0	2.8	1.4	0.0
57.5°	26.2	16.4	9.3	5.4	3.1	1.5	0.0
55°	28.7	17.9	10.3	5.8	3.3	1.6	0.0
52.5°	30.8	19.3	11.2	6.2	3.6	1.7	0.0
50°	32.6	20.6	12.0	6.5	3.9	1.8	0.0
47.5°	34.2	21.6	12.7	6.9	4.1	1.9	0.0
45°	37.0	22.4	13.2	7.2	4.3	2.0	0.0
42.5°	39.3	22.9	13.6	7.5	4.6	2.1	0.0
40°	41.1	23.2	13.8	7.9	4.8	2.1	0.0
37.5°	42.5	23.2	13.9	8.2	5.0	2.2	0.0
35°	43.4	23.7	13.9	8.6	5.2	2.3	0.0
32.5°	43.6	24.3	13.7	8.9	5.3	2.4	0.0
30°	42.7	24.6	13.3	9.2	5.5	2.4	0.0
27.5°	41.6	24.6	13.7	9.5	5.7	2.5	0.0
25°	40.1	24.4	14.1	9.8	5.8	2.5	0.0
22.5°	38.3	24.3	14.5	10.0	5.9	2.6	0.0
20°	36.1	25.5	14.9	10.3	6.1	2.6	0.0
17.5°	35.8	26.5	15.2	10.5	6.2	2.7	0.0
15°	36.5	27.3	15.5	10.6	6.2	2.7	0.0
12.5°	37.1	28.1	15.8	10.8	6.3	2.7	0.0
10°	37.7	28.7	16.1	10.9	6.4	2.8	0.0
7.5°	38.2	29.1	16.3	11.0	6.4	2.8	0.0
5°	38.5	29.4	16.5	11.0	6.5	2.8	0.0
2.5°	38.8	29.6	16.6	11.1	6.5	2.8	0.0
0°	39.0	29.7	16.7	11.1	6.5	2.8	0.0
-2.5°	38.8	29.6	16.6	11.1	6.5	2.8	0.0
-5°	38.5	29.4	16.5	11.0	6.5	2.8	0.0
-7.5°	38.2	29.1	16.3	11.0	6.4	2.8	0.0
-10°	37.7	28.7	16.1	10.9	6.4	2.8	0.0
-12.5°	37.1	28.1	15.8	10.8	6.3	2.7	0.0
-15°	36.5	27.3	15.5	10.6	6.2	2.7	0.0
-17.5°	35.8	26.5	15.2	10.5	6.2	2.7	0.0
-20°	36.1	25.5	14.9	10.3	6.1	2.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.3	24.3	14.5	10.0	5.9	2.6	0.0
-25°	40.1	24.4	14.1	9.8	5.8	2.5	0.0
-27.5°	41.6	24.6	13.7	9.5	5.7	2.5	0.0
-30°	42.7	24.6	13.3	9.2	5.5	2.4	0.0
-32.5°	43.6	24.3	13.7	8.9	5.3	2.4	0.0
-35°	43.4	23.7	13.9	8.6	5.2	2.3	0.0
-37.5°	42.5	23.2	13.9	8.2	5.0	2.2	0.0
-40°	41.1	23.2	13.8	7.9	4.8	2.1	0.0
-42.5°	39.3	22.9	13.6	7.5	4.6	2.1	0.0
-45°	37.0	22.4	13.2	7.2	4.3	2.0	0.0
-47.5°	34.2	21.6	12.7	6.9	4.1	1.9	0.0
-50°	32.6	20.6	12.0	6.5	3.9	1.8	0.0
-52.5°	30.8	19.3	11.2	6.2	3.6	1.7	0.0
-55°	28.7	17.9	10.3	5.8	3.3	1.6	0.0
-57.5°	26.2	16.4	9.3	5.4	3.1	1.5	0.0
-60°	23.5	14.6	8.2	5.0	2.8	1.4	0.0
-62.5°	20.8	12.7	7.4	4.5	2.6	1.3	0.0
-65°	17.8	10.6	6.6	4.0	2.4	1.2	0.0
-67.5°	14.6	8.9	5.8	3.5	2.1	1.1	0.0
-70°	11.2	7.6	4.9	2.9	1.9	1.0	0.0
-72.5°	9.1	6.2	3.9	2.5	1.7	0.8	0.0
-75°	7.1	4.8	3.0	2.2	1.4	0.7	0.0
-77.5°	5.1	3.3	2.4	1.8	1.2	0.6	0.0
-80°	3.0	2.4	1.9	1.5	1.0	0.5	0.0
-82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)