

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: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-AMB-U-WR-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6B-AMB-U-WR-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (96) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

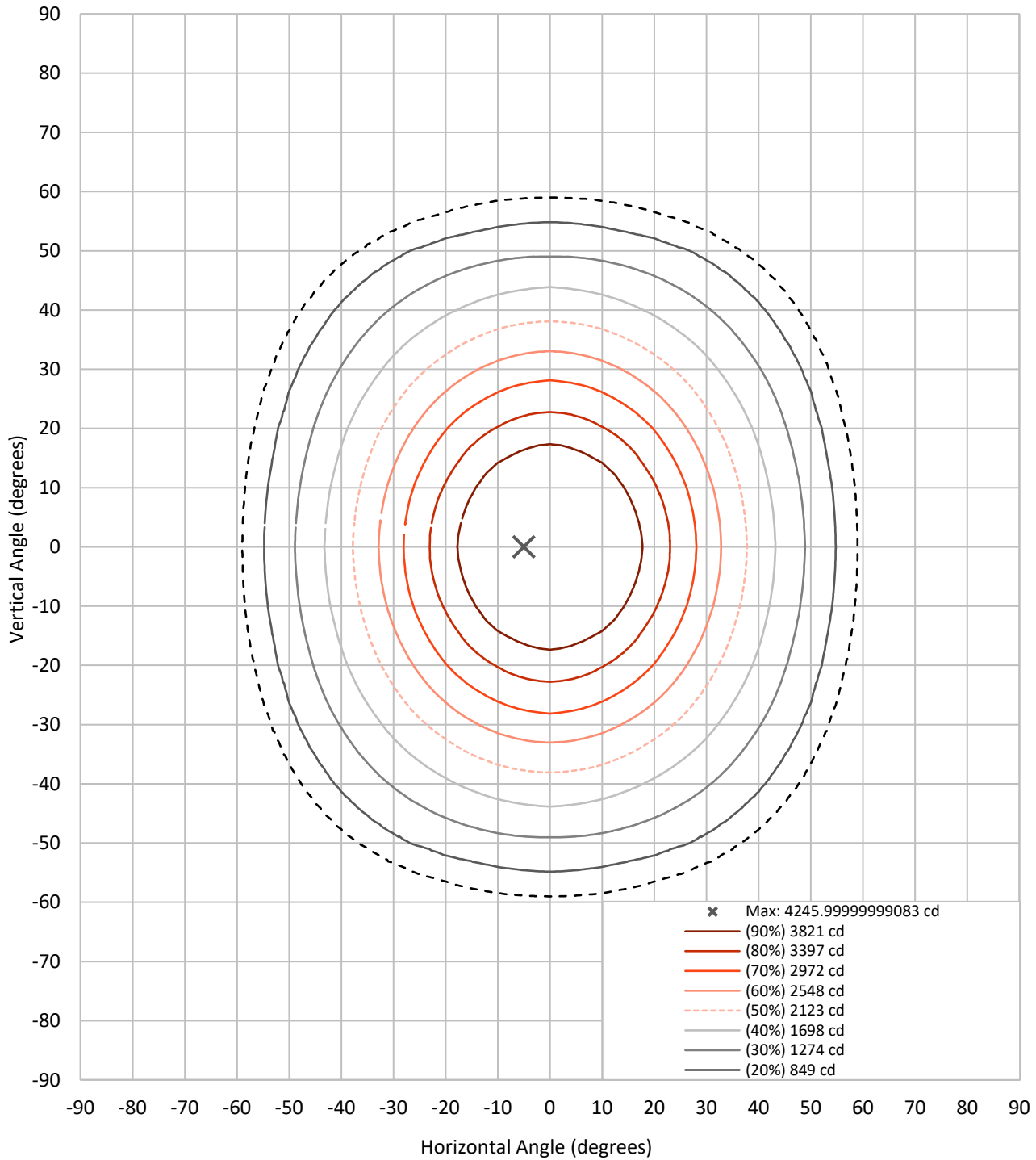
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6624.4 lumens	Max Intensity:	4246 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	55.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	75.6°H x 75.5°V	Field Angle (10%):	118°H x 117.8°V
Beam Lumens:	4130.1 lumens	Field Lumens:	6322.8 lumens
Beam Efficiency:	62.3%	Field Efficiency:	95.4%
Input Watts (W):	118.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





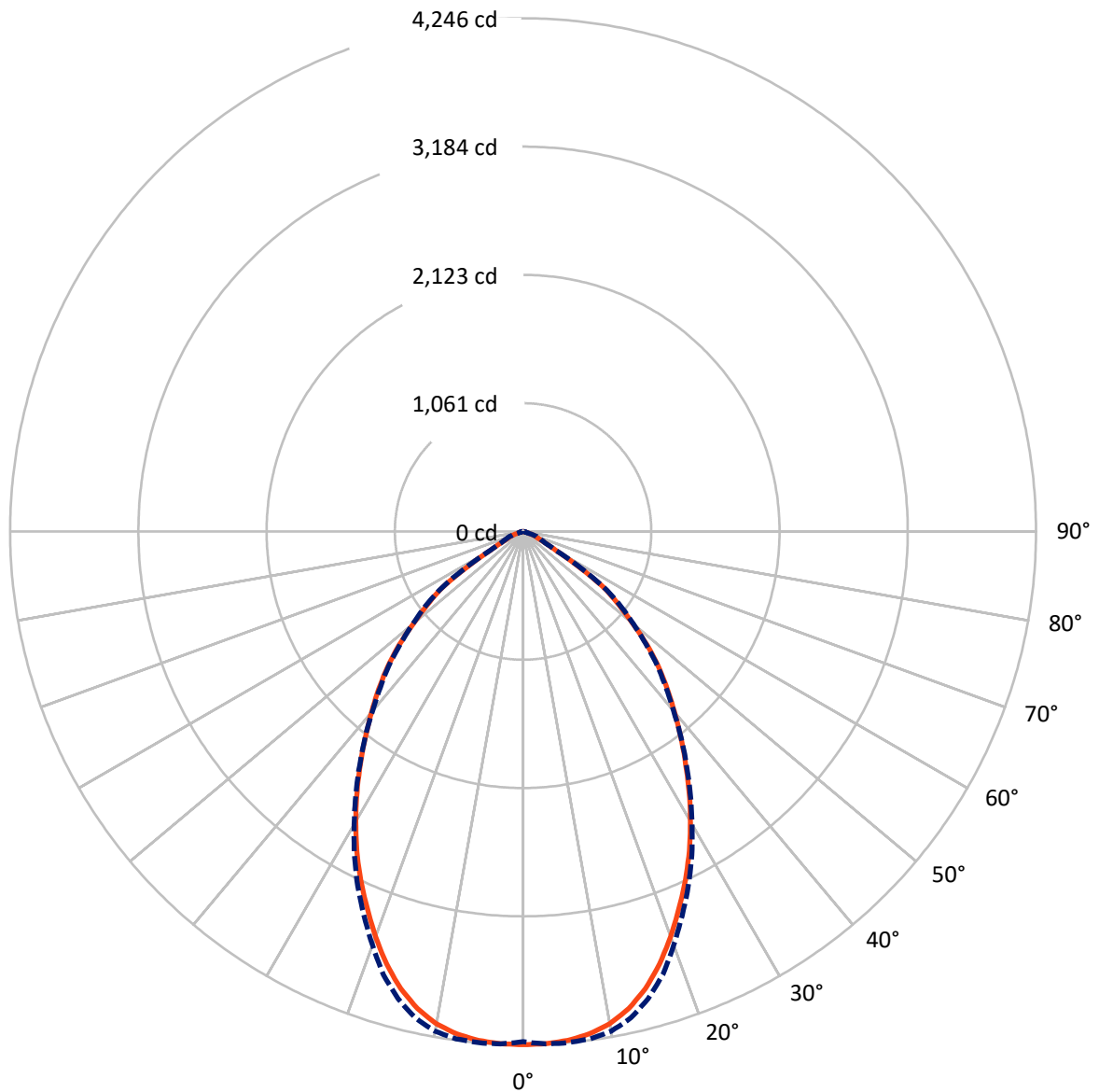
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### Lumen Table

90	0.1	1.0	2.6	4.6	2.8	4.6	2.6	1.0	0.1							
80	0.1	1.0	2.6	4.6	2.8	4.6	2.6	1.0	0.1							
70	0.4	0.7	1.4	2.1	2.9	3.7	4.5	5.1	5.1	4.5	3.7	2.9	2.1	1.4	0.7	0.4
60		1.1	2.0	3.5	6.7	13.1	19.7	23.7	23.7	19.7	13.1	6.7	3.5	2.0	1.1	
50	0.7	1.4	2.9	8.2	21.1	32.8	42.0	47.6	47.6	42.0	32.8	21.1	8.2	2.9	1.4	0.7
40		1.6	4.8	18.1	33.4	48.7	62.4	71.0	71.0	62.4	48.7	33.4	18.1	4.8	1.6	
30	0.7	1.9	8.6	25.4	43.9	64.8	84.1	95.8	95.8	84.1	64.8	43.9	25.4	8.6	1.9	0.7
20		2.2	12.0	30.3	52.6	78.9	103.0	117.5	117.5	103.0	78.9	52.6	30.3	12.0	2.2	
10	0.7	2.4	13.9	33.3	58.0	87.6	114.7	127.3	127.3	114.7	87.6	58.0	33.3	13.9	2.4	0.7
0		2.4	13.9	33.3	58.0	87.6	114.7	127.3	127.3	114.7	87.6	58.0	33.3	13.9	2.4	
-10	0.7	2.2	12.0	30.3	52.6	78.9	103.0	117.5	117.5	103.0	78.9	52.6	30.3	12.0	2.2	0.7
-20		1.9	8.6	25.4	43.9	64.8	84.1	95.8	95.8	84.1	64.8	43.9	25.4	8.6	1.9	
-30	0.7	1.6	4.8	18.1	33.4	48.7	62.4	71.0	71.0	62.4	48.7	33.4	18.1	4.8	1.6	0.7
-40		1.4	2.9	8.2	21.1	32.8	42.0	47.6	47.6	42.0	32.8	21.1	8.2	2.9	1.4	
-50	0.4	1.1	2.0	3.5	6.7	13.1	19.7	23.7	23.7	19.7	13.1	6.7	3.5	2.0	1.1	0.4
-60		0.7	1.4	2.1	2.9	3.7	4.5	5.1	5.1	4.5	3.7	2.9	2.1	1.4	0.7	
-70	0.1	1.0	2.6	4.6	2.8	4.6	2.6	1.0	0.1							
-80		0.1	1.0	2.6	4.6	2.8	4.6	2.6	1.0	0.1						
-90	0.1	1.0	2.6	4.6	2.8	4.6	2.6	1.0	0.1							

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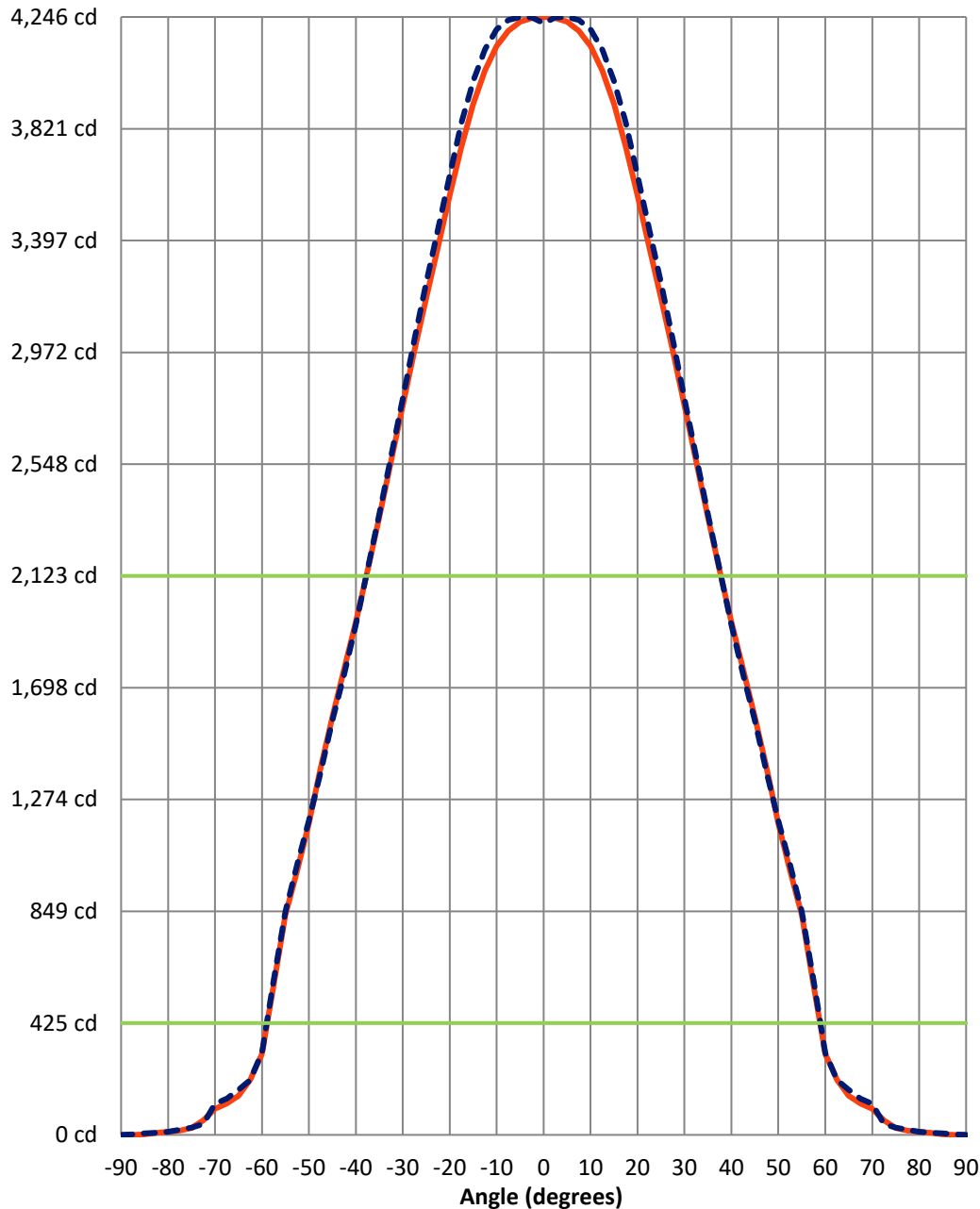
### Luminous Intensity Polar Plot



— Vertical Distribution Through -5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 75.6°  
V Angle: 75.5°  
Lumens: 4130.1  
Efficiency: 62.3%

**Field:**  
H Angle: 118°  
V Angle: 117.8°  
Lumens: 6322.8  
Efficiency: 95.4%

**Spill:**  
Lumens: 301.6  
Efficiency: 4.6%

— Vertical Distribution through -5-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	0.1	0.2	0.3	0.5	0.7	1.0	1.0	1.0	0.9	0.8
85°	0.0	0.2	0.3	0.6	1.0	1.5	2.0	2.1	2.0	1.9	1.7
82.5°	0.0	0.3	0.5	1.0	1.5	2.2	3.0	3.1	3.2	3.9	4.6
80°	0.0	0.3	0.7	1.3	2.0	2.9	4.1	5.1	6.2	7.4	8.7
77.5°	0.0	0.4	0.9	1.6	2.5	3.9	6.0	7.6	9.2	10.9	13.3
75°	0.0	0.5	1.0	1.9	3.1	5.3	7.9	10.0	12.3	15.9	19.8
72.5°	0.0	0.6	1.2	2.2	4.0	6.6	9.8	12.9	17.1	21.5	26.1
70°	0.0	0.7	1.4	2.5	4.9	7.9	11.7	16.9	21.8	27.0	36.9
67.5°	0.0	0.8	1.5	3.0	5.7	9.1	14.6	20.8	26.5	36.3	48.3
65°	0.0	0.8	1.7	3.6	6.6	10.6	17.3	24.7	33.4	45.0	58.5
62.5°	0.0	0.9	1.8	4.1	7.3	12.2	19.7	29.3	39.9	53.2	67.4
60°	0.0	1.0	2.0	4.5	8.0	13.7	21.9	33.9	45.9	61.3	76.1
57.5°	0.0	1.1	2.3	5.0	8.8	15.0	24.5	38.0	52.8	69.3	82.4
55°	0.0	1.1	2.6	5.3	9.5	16.1	26.8	41.2	59.9	76.6	87.9
52.5°	0.0	1.2	2.8	5.7	10.0	17.0	28.8	45.9	66.9	82.3	93.8
50°	0.0	1.3	3.1	6.0	10.4	18.2	30.4	50.1	73.3	88.2	97.1
47.5°	0.0	1.4	3.4	6.3	10.7	19.0	31.8	53.6	78.9	94.3	100.2
45°	0.0	1.4	3.6	6.4	10.8	19.7	34.0	56.3	81.6	97.1	103.2
42.5°	0.0	1.5	3.8	6.4	10.8	20.0	35.7	58.1	83.4	99.8	107.5
40°	0.0	1.5	4.1	6.5	10.8	20.1	36.7	59.0	84.0	102.1	111.7
37.5°	0.0	1.6	4.3	6.7	10.8	19.9	37.3	59.4	83.6	102.4	115.7
35°	0.0	1.6	4.5	6.8	10.6	19.9	37.2	59.2	83.7	104.3	119.8
32.5°	0.0	1.7	4.7	7.0	10.3	19.8	36.7	58.4	84.2	107.2	124.2
30°	0.0	1.7	4.9	7.1	9.8	19.3	35.8	57.4	85.2	110.9	128.5
27.5°	0.0	1.8	5.0	7.2	10.0	18.5	34.6	57.5	86.9	115.4	132.6
25°	0.0	1.8	5.2	7.3	10.3	17.4	32.9	57.6	89.8	119.3	136.7
22.5°	0.0	1.8	5.3	7.4	10.6	16.7	30.9	57.8	92.9	122.5	142.7
20°	0.0	1.9	5.4	7.5	10.9	17.3	28.5	58.1	96.3	125.4	148.2
17.5°	0.0	1.9	5.5	7.6	11.1	17.8	27.9	58.2	99.7	128.2	153.1
15°	0.0	1.9	5.6	7.7	11.3	18.3	28.4	58.2	103.1	130.6	157.3
12.5°	0.0	2.0	5.7	7.8	11.4	18.7	28.6	57.3	106.3	132.8	161.0
10°	0.0	2.0	5.8	7.8	11.6	19.1	28.7	55.4	109.5	134.6	164.1
7.5°	0.0	2.0	5.8	7.8	11.7	19.4	28.6	52.7	112.6	136.0	166.8
5°	0.0	2.0	5.9	7.9	11.7	19.5	28.4	49.4	115.2	137.0	168.8
2.5°	0.0	2.0	5.9	7.9	11.8	19.7	28.0	45.5	117.1	137.5	170.3
0°	0.0	2.0	5.9	7.9	11.8	19.7	27.5	41.3	118.0	137.7	171.1
-2.5°	0.0	2.0	5.9	7.9	11.8	19.7	28.0	45.5	117.1	137.5	170.3
-5°	0.0	2.0	5.9	7.9	11.7	19.5	28.4	49.4	115.2	137.0	168.8
-7.5°	0.0	2.0	5.8	7.8	11.7	19.4	28.6	52.7	112.6	136.0	166.8
-10°	0.0	2.0	5.8	7.8	11.6	19.1	28.7	55.4	109.5	134.6	164.1
-12.5°	0.0	2.0	5.7	7.8	11.4	18.7	28.6	57.3	106.3	132.8	161.0
-15°	0.0	1.9	5.6	7.7	11.3	18.3	28.4	58.2	103.1	130.6	157.3
-17.5°	0.0	1.9	5.5	7.6	11.1	17.8	27.9	58.2	99.7	128.2	153.1
-20°	0.0	1.9	5.4	7.5	10.9	17.3	28.5	58.1	96.3	125.4	148.2



REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	5.3	7.4	10.6	16.7	30.9	57.8	92.9	122.5	142.7
-25°	0.0	1.8	5.2	7.3	10.3	17.4	32.9	57.6	89.8	119.3	136.7
-27.5°	0.0	1.8	5.0	7.2	10.0	18.5	34.6	57.5	86.9	115.4	132.6
-30°	0.0	1.7	4.9	7.1	9.8	19.3	35.8	57.4	85.2	110.9	128.5
-32.5°	0.0	1.7	4.7	7.0	10.3	19.8	36.7	58.4	84.2	107.2	124.2
-35°	0.0	1.6	4.5	6.8	10.6	19.9	37.2	59.2	83.7	104.3	119.8
-37.5°	0.0	1.6	4.3	6.7	10.8	19.9	37.3	59.4	83.6	102.4	115.7
-40°	0.0	1.5	4.1	6.5	10.8	20.1	36.7	59.0	84.0	102.1	111.7
-42.5°	0.0	1.5	3.8	6.4	10.8	20.0	35.7	58.1	83.4	99.8	107.5
-45°	0.0	1.4	3.6	6.4	10.8	19.7	34.0	56.3	81.6	97.1	103.2
-47.5°	0.0	1.4	3.4	6.3	10.7	19.0	31.8	53.6	78.9	94.3	100.2
-50°	0.0	1.3	3.1	6.0	10.4	18.2	30.4	50.1	73.3	88.2	97.1
-52.5°	0.0	1.2	2.8	5.7	10.0	17.0	28.8	45.9	66.9	82.3	93.8
-55°	0.0	1.1	2.6	5.3	9.5	16.1	26.8	41.2	59.9	76.6	87.9
-57.5°	0.0	1.1	2.3	5.0	8.8	15.0	24.5	38.0	52.8	69.3	82.4
-60°	0.0	1.0	2.0	4.5	8.0	13.7	21.9	33.9	45.9	61.3	76.1
-62.5°	0.0	0.9	1.8	4.1	7.3	12.2	19.7	29.3	39.9	53.2	67.4
-65°	0.0	0.8	1.7	3.6	6.6	10.6	17.3	24.7	33.4	45.0	58.5
-67.5°	0.0	0.8	1.5	3.0	5.7	9.1	14.6	20.8	26.5	36.3	48.3
-70°	0.0	0.7	1.4	2.5	4.9	7.9	11.7	16.9	21.8	27.0	36.9
-72.5°	0.0	0.6	1.2	2.2	4.0	6.6	9.8	12.9	17.1	21.5	26.1
-75°	0.0	0.5	1.0	1.9	3.1	5.3	7.9	10.0	12.3	15.9	19.8
-77.5°	0.0	0.4	0.9	1.6	2.5	3.9	6.0	7.6	9.2	10.9	13.3
-80°	0.0	0.3	0.7	1.3	2.0	2.9	4.1	5.1	6.2	7.4	8.7
-82.5°	0.0	0.3	0.5	1.0	1.5	2.2	3.0	3.1	3.2	3.9	4.6
-85°	0.0	0.2	0.3	0.6	1.0	1.5	2.0	2.1	2.0	1.9	1.7
-87.5°	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.0	1.0	0.9	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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 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**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°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.1	0.8	0.4
85°	1.8	2.0	2.6	3.1	3.4	3.4	3.2	2.8	3.1	3.6	4.2
82.5°	5.6	6.4	7.1	7.6	7.3	6.6	5.7	5.0	6.7	9.0	11.4
80°	9.9	10.8	12.0	12.8	12.6	12.2	11.5	10.7	13.3	17.3	22.6
77.5°	15.7	17.3	18.3	18.7	18.9	20.1	19.5	17.2	21.5	30.1	40.1
75°	22.4	23.9	28.0	32.0	33.8	32.8	30.2	30.2	38.1	48.8	57.4
72.5°	32.4	38.3	43.4	47.9	48.7	49.1	51.3	55.2	59.8	64.7	69.0
70°	46.4	53.0	57.0	59.8	62.0	65.1	66.8	67.6	69.1	74.1	78.5
67.5°	59.9	64.6	68.5	71.5	74.1	76.7	78.1	80.2	83.8	88.2	90.7
65°	70.5	75.8	78.7	81.7	85.9	87.4	90.1	94.6	100.7	104.9	107.9
62.5°	80.6	83.8	87.0	90.5	93.2	96.4	103.1	110.4	117.5	122.6	128.6
60°	86.0	90.4	93.5	96.4	100.8	109.7	118.1	126.2	133.2	139.8	148.5
57.5°	91.0	95.6	98.4	103.7	113.1	123.9	133.4	141.8	150.4	159.5	169.3
55°	95.6	99.5	104.5	113.7	125.4	138.5	148.9	158.5	168.7	184.9	199.6
52.5°	98.8	103.8	112.5	124.2	138.9	152.3	163.8	177.5	195.3	220.6	263.8
50°	102.1	110.2	120.6	136.8	151.6	165.0	182.1	201.4	240.1	289.4	380.9
47.5°	107.1	116.4	132.2	148.8	163.2	181.5	203.2	249.5	303.3	433.2	566.3
45°	112.4	125.0	142.9	159.2	177.2	200.7	249.2	306.9	458.8	608.5	763.9
42.5°	117.4	133.6	152.2	169.4	194.5	239.1	302.4	457.8	621.2	789.6	915.5
40°	124.0	141.2	161.4	184.9	218.8	287.9	430.8	605.3	784.7	919.5	1020.8
37.5°	130.1	149.7	171.8	199.7	262.9	377.7	561.7	753.8	906.9	1018.3	1123.1
35°	135.2	158.3	184.8	227.1	304.5	494.2	694.1	878.3	998.0	1110.8	1223.5
32.5°	141.5	166.9	197.0	263.2	400.0	606.1	820.5	959.8	1083.4	1202.2	1325.4
30°	149.3	177.2	214.2	296.8	494.7	716.0	903.9	1036.9	1165.2	1294.5	1425.2
27.5°	157.1	187.0	242.9	364.5	584.3	819.1	970.8	1109.5	1245.2	1381.9	1521.6
25°	164.4	196.5	269.1	439.3	672.7	887.2	1032.9	1176.1	1319.7	1467.3	1613.4
22.5°	171.7	205.5	294.3	507.4	753.8	940.2	1089.6	1238.7	1390.3	1547.6	1700.4
20°	178.8	226.2	337.9	573.2	828.1	988.3	1140.7	1296.5	1458.2	1621.3	1781.5
17.5°	185.2	244.9	390.6	636.8	875.7	1032.4	1186.5	1349.1	1519.8	1688.6	1854.3
15°	190.8	261.5	437.2	692.8	913.5	1072.5	1231.8	1399.4	1574.8	1748.6	1918.8
12.5°	195.7	275.8	477.4	740.9	946.0	1107.1	1271.9	1446.2	1624.8	1800.5	1980.3
10°	199.7	287.9	511.1	781.0	973.0	1136.1	1305.6	1486.0	1667.7	1846.9	2035.0
7.5°	203.1	297.7	538.5	812.8	994.6	1159.2	1332.7	1518.3	1702.2	1884.9	2079.5
5°	205.8	305.3	562.0	833.6	1010.6	1176.6	1353.4	1542.9	1728.1	1914.0	2112.7
2.5°	207.6	310.3	578.6	844.9	1021.4	1188.3	1368.6	1562.2	1743.0	1931.1	2135.4
0°	208.5	312.7	588.0	847.6	1026.6	1193.8	1376.7	1573.3	1748.4	1937.2	2147.6
-2.5°	207.6	310.3	578.6	844.9	1021.4	1188.3	1368.6	1562.2	1743.0	1931.1	2135.4
-5°	205.8	305.3	562.0	833.6	1010.6	1176.6	1353.4	1542.9	1728.1	1914.0	2112.7
-7.5°	203.1	297.7	538.5	812.8	994.6	1159.2	1332.7	1518.3	1702.2	1884.9	2079.5
-10°	199.7	287.9	511.1	781.0	973.0	1136.1	1305.6	1486.0	1667.7	1846.9	2035.0
-12.5°	195.7	275.8	477.4	740.9	946.0	1107.1	1271.9	1446.2	1624.8	1800.5	1980.3
-15°	190.8	261.5	437.2	692.8	913.5	1072.5	1231.8	1399.4	1574.8	1748.6	1918.8
-17.5°	185.2	244.9	390.6	636.8	875.7	1032.4	1186.5	1349.1	1519.8	1688.6	1854.3
-20°	178.8	226.2	337.9	573.2	828.1	988.3	1140.7	1296.5	1458.2	1621.3	1781.5



REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	171.7	205.5	294.3	507.4	753.8	940.2	1089.6	1238.7	1390.3	1547.6	1700.4
-25°	164.4	196.5	269.1	439.3	672.7	887.2	1032.9	1176.1	1319.7	1467.3	1613.4
-27.5°	157.1	187.0	242.9	364.5	584.3	819.1	970.8	1109.5	1245.2	1381.9	1521.6
-30°	149.3	177.2	214.2	296.8	494.7	716.0	903.9	1036.9	1165.2	1294.5	1425.2
-32.5°	141.5	166.9	197.0	263.2	400.0	606.1	820.5	959.8	1083.4	1202.2	1325.4
-35°	135.2	158.3	184.8	227.1	304.5	494.2	694.1	878.3	998.0	1110.8	1223.5
-37.5°	130.1	149.7	171.8	199.7	262.9	377.7	561.7	753.8	906.9	1018.3	1123.1
-40°	124.0	141.2	161.4	184.9	218.8	287.9	430.8	605.3	784.7	919.5	1020.8
-42.5°	117.4	133.6	152.2	169.4	194.5	239.1	302.4	457.8	621.2	789.6	915.5
-45°	112.4	125.0	142.9	159.2	177.2	200.7	249.2	306.9	458.8	608.5	763.9
-47.5°	107.1	116.4	132.2	148.8	163.2	181.5	203.2	249.5	303.3	433.2	566.3
-50°	102.1	110.2	120.6	136.8	151.6	165.0	182.1	201.4	240.1	289.4	380.9
-52.5°	98.8	103.8	112.5	124.2	138.9	152.3	163.8	177.5	195.3	220.6	263.8
-55°	95.6	99.5	104.5	113.7	125.4	138.5	148.9	158.5	168.7	184.9	199.6
-57.5°	91.0	95.6	98.4	103.7	113.1	123.9	133.4	141.8	150.4	159.5	169.3
-60°	86.0	90.4	93.5	96.4	100.8	109.7	118.1	126.2	133.2	139.8	148.5
-62.5°	80.6	83.8	87.0	90.5	93.2	96.4	103.1	110.4	117.5	122.6	128.6
-65°	70.5	75.8	78.7	81.7	85.9	87.4	90.1	94.6	100.7	104.9	107.9
-67.5°	59.9	64.6	68.5	71.5	74.1	76.7	78.1	80.2	83.8	88.2	90.7
-70°	46.4	53.0	57.0	59.8	62.0	65.1	66.8	67.6	69.1	74.1	78.5
-72.5°	32.4	38.3	43.4	47.9	48.7	49.1	51.3	55.2	59.8	64.7	69.0
-75°	22.4	23.9	28.0	32.0	33.8	32.8	30.2	30.2	38.1	48.8	57.4
-77.5°	15.7	17.3	18.3	18.7	18.9	20.1	19.5	17.2	21.5	30.1	40.1
-80°	9.9	10.8	12.0	12.8	12.6	12.2	11.5	10.7	13.3	17.3	22.6
-82.5°	5.6	6.4	7.1	7.6	7.3	6.6	5.7	5.0	6.7	9.0	11.4
-85°	1.8	2.0	2.6	3.1	3.4	3.4	3.2	2.8	3.1	3.6	4.2
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.1	0.8	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.0	5.4	5.8	6.1	6.4	6.3	6.1	5.8	5.5	4.7	3.8
82.5°	14.0	16.1	18.3	20.7	23.3	22.7	21.5	20.1	18.4	16.0	13.4
80°	29.0	34.3	39.2	44.1	48.8	46.8	43.1	38.7	33.8	28.7	23.3
77.5°	50.5	56.1	60.0	63.5	66.8	65.0	62.5	60.4	58.6	49.8	39.2
75°	64.1	68.3	71.0	73.5	75.7	76.1	76.1	76.4	77.0	66.9	53.7
72.5°	72.9	76.0	78.5	80.4	82.2	83.4	84.4	85.4	86.5	80.0	71.4
70°	81.1	82.5	84.5	86.7	89.1	91.1	93.2	95.0	96.8	96.8	97.0
67.5°	93.0	94.9	98.0	99.9	102.4	104.9	108.0	110.1	111.3	112.9	115.2
65°	111.1	116.8	121.8	124.8	126.2	129.9	135.0	138.7	141.3	143.7	146.3
62.5°	136.2	143.3	147.3	152.7	160.2	168.6	173.1	178.7	185.0	191.8	198.4
60°	155.7	161.6	171.5	181.8	190.9	199.0	219.1	238.0	255.3	270.8	285.2
57.5°	181.5	192.2	207.8	235.7	259.7	279.9	322.9	379.1	429.3	473.5	512.2
55°	225.3	259.2	290.4	357.7	431.7	498.1	561.8	629.1	686.5	734.3	776.3
52.5°	302.9	398.5	494.4	584.8	674.3	754.2	825.4	873.5	909.7	938.6	965.5
50°	496.2	610.1	727.1	836.3	901.1	951.7	999.7	1043.4	1081.6	1114.7	1144.0
47.5°	704.4	837.1	922.1	991.5	1051.6	1108.0	1163.7	1214.4	1259.4	1301.5	1338.8
45°	894.5	973.6	1051.2	1123.3	1189.9	1258.5	1321.8	1379.5	1435.3	1484.9	1527.1
42.5°	1005.7	1093.2	1175.7	1256.9	1336.1	1411.3	1481.6	1545.8	1606.9	1660.4	1705.6
40°	1117.7	1212.8	1305.5	1395.6	1483.2	1565.4	1640.5	1710.8	1775.4	1832.1	1881.0
37.5°	1228.2	1332.9	1434.5	1533.2	1626.6	1712.1	1795.7	1871.7	1939.9	2008.2	2066.2
35°	1339.4	1452.3	1561.6	1669.0	1768.0	1861.8	1953.2	2042.3	2123.4	2198.4	2261.5
32.5°	1448.7	1569.0	1688.4	1802.0	1907.8	2017.0	2119.2	2221.5	2313.6	2393.7	2461.5
30°	1553.7	1681.7	1809.5	1930.8	2056.5	2178.0	2294.2	2403.2	2502.3	2589.1	2663.9
27.5°	1655.8	1792.0	1929.6	2067.7	2208.3	2343.2	2465.7	2581.8	2689.8	2782.2	2865.1
25°	1756.2	1902.4	2050.2	2202.0	2355.1	2497.0	2633.0	2761.3	2876.8	2977.4	3060.0
22.5°	1852.8	2009.0	2167.2	2329.7	2493.6	2649.4	2797.6	2935.8	3054.9	3154.4	3239.7
20°	1941.9	2108.6	2281.8	2456.5	2630.2	2797.8	2954.7	3096.3	3217.9	3325.9	3417.4
17.5°	2026.7	2205.9	2390.0	2575.8	2760.4	2932.4	3093.4	3244.1	3376.4	3496.1	3600.6
15°	2103.7	2295.4	2489.2	2685.2	2876.5	3053.8	3215.0	3372.1	3526.7	3660.6	3776.0
12.5°	2174.9	2375.8	2578.4	2782.9	2981.0	3161.8	3329.9	3492.6	3658.9	3812.0	3920.9
10°	2236.9	2444.9	2655.3	2866.0	3068.4	3255.6	3434.7	3613.2	3777.4	3923.1	4034.3
7.5°	2287.8	2500.6	2716.8	2933.6	3138.6	3333.7	3524.4	3707.7	3873.2	4015.5	4123.6
5°	2326.1	2541.7	2762.0	2982.7	3192.1	3395.1	3592.6	3778.3	3939.3	4072.5	4167.4
2.5°	2349.9	2567.3	2789.9	3013.4	3228.5	3436.9	3640.4	3825.2	3985.2	4106.2	4187.0
0°	2358.0	2576.3	2796.6	3022.8	3237.1	3439.7	3644.2	3844.8	4002.2	4122.1	4198.8
-2.5°	2349.9	2567.3	2789.9	3013.4	3228.5	3436.9	3640.4	3825.2	3985.2	4106.2	4187.0
-5°	2326.1	2541.7	2762.0	2982.7	3192.1	3395.1	3592.6	3778.3	3939.3	4072.5	4167.4
-7.5°	2287.8	2500.6	2716.8	2933.6	3138.6	3333.7	3524.4	3707.7	3873.2	4015.5	4123.6
-10°	2236.9	2444.9	2655.3	2866.0	3068.4	3255.6	3434.7	3613.2	3777.4	3923.1	4034.3
-12.5°	2174.9	2375.8	2578.4	2782.9	2981.0	3161.8	3329.9	3492.6	3658.9	3812.0	3920.9
-15°	2103.7	2295.4	2489.2	2685.2	2876.5	3053.8	3215.0	3372.1	3526.7	3660.6	3776.0
-17.5°	2026.7	2205.9	2390.0	2575.8	2760.4	2932.4	3093.4	3244.1	3376.4	3496.1	3600.6
-20°	1941.9	2108.6	2281.8	2456.5	2630.2	2797.8	2954.7	3096.3	3217.9	3325.9	3417.4



REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1852.8	2009.0	2167.2	2329.7	2493.6	2649.4	2797.6	2935.8	3054.9	3154.4	3239.7
-25°	1756.2	1902.4	2050.2	2202.0	2355.1	2497.0	2633.0	2761.3	2876.8	2977.4	3060.0
-27.5°	1655.8	1792.0	1929.6	2067.7	2208.3	2343.2	2465.7	2581.8	2689.8	2782.2	2865.1
-30°	1553.7	1681.7	1809.5	1930.8	2056.5	2178.0	2294.2	2403.2	2502.3	2589.1	2663.9
-32.5°	1448.7	1569.0	1688.4	1802.0	1907.8	2017.0	2119.2	2221.5	2313.6	2393.7	2461.5
-35°	1339.4	1452.3	1561.6	1669.0	1768.0	1861.8	1953.2	2042.3	2123.4	2198.4	2261.5
-37.5°	1228.2	1332.9	1434.5	1533.2	1626.6	1712.1	1795.7	1871.7	1939.9	2008.2	2066.2
-40°	1117.7	1212.8	1305.5	1395.6	1483.2	1565.4	1640.5	1710.8	1775.4	1832.1	1881.0
-42.5°	1005.7	1093.2	1175.7	1256.9	1336.1	1411.3	1481.6	1545.8	1606.9	1660.4	1705.6
-45°	894.5	973.6	1051.2	1123.3	1189.9	1258.5	1321.8	1379.5	1435.3	1484.9	1527.1
-47.5°	704.4	837.1	922.1	991.5	1051.6	1108.0	1163.7	1214.4	1259.4	1301.5	1338.8
-50°	496.2	610.1	727.1	836.3	901.1	951.7	999.7	1043.4	1081.6	1114.7	1144.0
-52.5°	302.9	398.5	494.4	584.8	674.3	754.2	825.4	873.5	909.7	938.6	965.5
-55°	225.3	259.2	290.4	357.7	431.7	498.1	561.8	629.1	686.5	734.3	776.3
-57.5°	181.5	192.2	207.8	235.7	259.7	279.9	322.9	379.1	429.3	473.5	512.2
-60°	155.7	161.6	171.5	181.8	190.9	199.0	219.1	238.0	255.3	270.8	285.2
-62.5°	136.2	143.3	147.3	152.7	160.2	168.6	173.1	178.7	185.0	191.8	198.4
-65°	111.1	116.8	121.8	124.8	126.2	129.9	135.0	138.7	141.3	143.7	146.3
-67.5°	93.0	94.9	98.0	99.9	102.4	104.9	108.0	110.1	111.3	112.9	115.2
-70°	81.1	82.5	84.5	86.7	89.1	91.1	93.2	95.0	96.8	96.8	97.0
-72.5°	72.9	76.0	78.5	80.4	82.2	83.4	84.4	85.4	86.5	80.0	71.4
-75°	64.1	68.3	71.0	73.5	75.7	76.1	76.1	76.4	77.0	66.9	53.7
-77.5°	50.5	56.1	60.0	63.5	66.8	65.0	62.5	60.4	58.6	49.8	39.2
-80°	29.0	34.3	39.2	44.1	48.8	46.8	43.1	38.7	33.8	28.7	23.3
-82.5°	14.0	16.1	18.3	20.7	23.3	22.7	21.5	20.1	18.4	16.0	13.4
-85°	5.0	5.4	5.8	6.1	6.4	6.3	6.1	5.8	5.5	4.7	3.8
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.9	2.0	2.0	2.0	2.0	2.0	2.9	3.8	4.7	5.5	5.8
82.5°	10.7	7.9	7.9	7.9	7.9	7.9	10.7	13.4	16.0	18.4	20.1
80°	17.7	11.9	11.8	11.8	11.8	11.9	17.7	23.3	28.7	33.8	38.7
77.5°	27.9	16.2	15.7	15.7	15.7	16.2	27.9	39.2	49.8	58.6	60.4
75°	40.2	26.3	22.7	19.7	22.7	26.3	40.2	53.7	66.9	77.0	76.4
72.5°	63.2	55.1	42.8	29.5	42.8	55.1	63.2	71.4	80.0	86.5	85.4
70°	97.8	98.9	100.8	102.3	100.8	98.9	97.8	97.0	96.8	96.8	95.0
67.5°	117.3	119.1	119.8	120.0	119.8	119.1	117.3	115.2	112.9	111.3	110.1
65°	147.8	148.5	148.3	147.5	148.3	148.5	147.8	146.3	143.7	141.3	138.7
62.5°	204.3	209.2	211.7	212.4	211.7	209.2	204.3	198.4	191.8	185.0	178.7
60°	297.8	308.4	314.2	316.6	314.2	308.4	297.8	285.2	270.8	255.3	238.0
57.5°	544.1	569.1	584.7	592.0	584.7	569.1	544.1	512.2	473.5	429.3	379.1
55°	810.0	835.4	851.0	857.5	851.0	835.4	810.0	776.3	734.3	686.5	629.1
52.5°	987.3	1003.2	1012.9	1016.8	1012.9	1003.2	987.3	965.5	938.6	909.7	873.5
50°	1167.2	1183.0	1191.1	1191.8	1191.1	1183.0	1167.2	1144.0	1114.7	1081.6	1043.4
47.5°	1369.6	1393.3	1405.9	1406.2	1405.9	1393.3	1369.6	1338.8	1301.5	1259.4	1214.4
45°	1560.7	1586.7	1605.9	1618.6	1605.9	1586.7	1560.7	1527.1	1484.9	1435.3	1379.5
42.5°	1741.2	1768.6	1786.9	1795.6	1786.9	1768.6	1741.2	1705.6	1660.4	1606.9	1545.8
40°	1919.2	1948.0	1965.9	1970.6	1965.9	1948.0	1919.2	1881.0	1832.1	1775.4	1710.8
37.5°	2111.0	2143.4	2163.6	2169.2	2163.6	2143.4	2111.0	2066.2	2008.2	1939.9	1871.7
35°	2310.6	2346.5	2369.0	2373.8	2369.0	2346.5	2310.6	2261.5	2198.4	2123.4	2042.3
32.5°	2516.5	2558.7	2586.7	2596.0	2586.7	2558.7	2516.5	2461.5	2393.7	2313.6	2221.5
30°	2725.6	2770.2	2798.4	2812.3	2798.4	2770.2	2725.6	2663.9	2589.1	2502.3	2403.2
27.5°	2933.3	2980.2	3008.0	3026.7	3008.0	2980.2	2933.3	2865.1	2782.2	2689.8	2581.8
25°	3129.6	3179.0	3208.0	3215.5	3208.0	3179.0	3129.6	3060.0	2977.4	2876.8	2761.3
22.5°	3315.4	3372.0	3405.1	3420.0	3405.1	3372.0	3315.4	3239.7	3154.4	3054.9	2935.8
20°	3501.5	3568.7	3609.0	3622.6	3609.0	3568.7	3501.5	3417.4	3325.9	3217.9	3096.3
17.5°	3684.6	3753.3	3801.4	3817.3	3801.4	3753.3	3684.6	3600.6	3496.1	3376.4	3244.1
15°	3854.5	3915.4	3958.2	3976.6	3958.2	3915.4	3854.5	3776.0	3660.6	3526.7	3372.1
12.5°	3999.2	4042.3	4071.7	4082.8	4071.7	4042.3	3999.2	3920.9	3812.0	3658.9	3492.6
10°	4106.2	4135.4	4151.6	4161.5	4151.6	4135.4	4106.2	4034.3	3923.1	3777.4	3613.2
7.5°	4172.0	4193.3	4200.1	4206.7	4200.1	4193.3	4172.0	4123.6	4015.5	3873.2	3707.7
5°	4212.4	4227.8	4219.1	4216.5	4219.1	4227.8	4212.4	4167.4	4072.5	3939.3	3778.3
2.5°	4230.2	4241.5	4228.5	4202.8	4228.5	4241.5	4230.2	4187.0	4106.2	3985.2	3825.2
0°	4234.2	4246.0	4244.1	4222.4	4244.1	4246.0	4234.2	4198.8	4122.1	4002.2	3844.8
-2.5°	4230.2	4241.5	4228.5	4202.8	4228.5	4241.5	4230.2	4187.0	4106.2	3985.2	3825.2
-5°	4212.4	4227.8	4219.1	4216.5	4219.1	4227.8	4212.4	4167.4	4072.5	3939.3	3778.3
-7.5°	4172.0	4193.3	4200.1	4206.7	4200.1	4193.3	4172.0	4123.6	4015.5	3873.2	3707.7
-10°	4106.2	4135.4	4151.6	4161.5	4151.6	4135.4	4106.2	4034.3	3923.1	3777.4	3613.2
-12.5°	3999.2	4042.3	4071.7	4082.8	4071.7	4042.3	3999.2	3920.9	3812.0	3658.9	3492.6
-15°	3854.5	3915.4	3958.2	3976.6	3958.2	3915.4	3854.5	3776.0	3660.6	3526.7	3372.1
-17.5°	3684.6	3753.3	3801.4	3817.3	3801.4	3753.3	3684.6	3600.6	3496.1	3376.4	3244.1
-20°	3501.5	3568.7	3609.0	3622.6	3609.0	3568.7	3501.5	3417.4	3325.9	3217.9	3096.3



REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3315.4	3372.0	3405.1	3420.0	3405.1	3372.0	3315.4	3239.7	3154.4	3054.9	2935.8
-25°	3129.6	3179.0	3208.0	3215.5	3208.0	3179.0	3129.6	3060.0	2977.4	2876.8	2761.3
-27.5°	2933.3	2980.2	3008.0	3026.7	3008.0	2980.2	2933.3	2865.1	2782.2	2689.8	2581.8
-30°	2725.6	2770.2	2798.4	2812.3	2798.4	2770.2	2725.6	2663.9	2589.1	2502.3	2403.2
-32.5°	2516.5	2558.7	2586.7	2596.0	2586.7	2558.7	2516.5	2461.5	2393.7	2313.6	2221.5
-35°	2310.6	2346.5	2369.0	2373.8	2369.0	2346.5	2310.6	2261.5	2198.4	2123.4	2042.3
-37.5°	2111.0	2143.4	2163.6	2169.2	2163.6	2143.4	2111.0	2066.2	2008.2	1939.9	1871.7
-40°	1919.2	1948.0	1965.9	1970.6	1965.9	1948.0	1919.2	1881.0	1832.1	1775.4	1710.8
-42.5°	1741.2	1768.6	1786.9	1795.6	1786.9	1768.6	1741.2	1705.6	1660.4	1606.9	1545.8
-45°	1560.7	1586.7	1605.9	1618.6	1605.9	1586.7	1560.7	1527.1	1484.9	1435.3	1379.5
-47.5°	1369.6	1393.3	1405.9	1406.2	1405.9	1393.3	1369.6	1338.8	1301.5	1259.4	1214.4
-50°	1167.2	1183.0	1191.1	1191.8	1191.1	1183.0	1167.2	1144.0	1114.7	1081.6	1043.4
-52.5°	987.3	1003.2	1012.9	1016.8	1012.9	1003.2	987.3	965.5	938.6	909.7	873.5
-55°	810.0	835.4	851.0	857.5	851.0	835.4	810.0	776.3	734.3	686.5	629.1
-57.5°	544.1	569.1	584.7	592.0	584.7	569.1	544.1	512.2	473.5	429.3	379.1
-60°	297.8	308.4	314.2	316.6	314.2	308.4	297.8	285.2	270.8	255.3	238.0
-62.5°	204.3	209.2	211.7	212.4	211.7	209.2	204.3	198.4	191.8	185.0	178.7
-65°	147.8	148.5	148.3	147.5	148.3	148.5	147.8	146.3	143.7	141.3	138.7
-67.5°	117.3	119.1	119.8	120.0	119.8	119.1	117.3	115.2	112.9	111.3	110.1
-70°	97.8	98.9	100.8	102.3	100.8	98.9	97.8	97.0	96.8	96.8	95.0
-72.5°	63.2	55.1	42.8	29.5	42.8	55.1	63.2	71.4	80.0	86.5	85.4
-75°	40.2	26.3	22.7	19.7	22.7	26.3	40.2	53.7	66.9	77.0	76.4
-77.5°	27.9	16.2	15.7	15.7	15.7	16.2	27.9	39.2	49.8	58.6	60.4
-80°	17.7	11.9	11.8	11.8	11.8	11.9	17.7	23.3	28.7	33.8	38.7
-82.5°	10.7	7.9	7.9	7.9	7.9	7.9	10.7	13.4	16.0	18.4	20.1
-85°	2.9	2.0	2.0	2.0	2.0	2.0	2.9	3.8	4.7	5.5	5.8
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P561411 (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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.1	1.4
85°	6.1	6.3	6.4	6.1	5.8	5.4	5.0	4.2	3.6	3.1	2.8
82.5°	21.5	22.7	23.3	20.7	18.3	16.1	14.0	11.4	9.0	6.7	5.0
80°	43.1	46.8	48.8	44.1	39.2	34.3	29.0	22.6	17.3	13.3	10.7
77.5°	62.5	65.0	66.8	63.5	60.0	56.1	50.5	40.1	30.1	21.5	17.2
75°	76.1	76.1	75.7	73.5	71.0	68.3	64.1	57.4	48.8	38.1	30.2
72.5°	84.4	83.4	82.2	80.4	78.5	76.0	72.9	69.0	64.7	59.8	55.2
70°	93.2	91.1	89.1	86.7	84.5	82.5	81.1	78.5	74.1	69.1	67.6
67.5°	108.0	104.9	102.4	99.9	98.0	94.9	93.0	90.7	88.2	83.8	80.2
65°	135.0	129.9	126.2	124.8	121.8	116.8	111.1	107.9	104.9	100.7	94.6
62.5°	173.1	168.6	160.2	152.7	147.3	143.3	136.2	128.6	122.6	117.5	110.4
60°	219.1	199.0	190.9	181.8	171.5	161.6	155.7	148.5	139.8	133.2	126.2
57.5°	322.9	279.9	259.7	235.7	207.8	192.2	181.5	169.3	159.5	150.4	141.8
55°	561.8	498.1	431.7	357.7	290.4	259.2	225.3	199.6	184.9	168.7	158.5
52.5°	825.4	754.2	674.3	584.8	494.4	398.5	302.9	263.8	220.6	195.3	177.5
50°	999.7	951.7	901.1	836.3	727.1	610.1	496.2	380.9	289.4	240.1	201.4
47.5°	1163.7	1108.0	1051.6	991.5	922.1	837.1	704.4	566.3	433.2	303.3	249.5
45°	1321.8	1258.5	1189.9	1123.3	1051.2	973.6	894.5	763.9	608.5	458.8	306.9
42.5°	1481.6	1411.3	1336.1	1256.9	1175.7	1093.2	1005.7	915.5	789.6	621.2	457.8
40°	1640.5	1565.4	1483.2	1395.6	1305.5	1212.8	1117.7	1020.8	919.5	784.7	605.3
37.5°	1795.7	1712.1	1626.6	1533.2	1434.5	1332.9	1228.2	1123.1	1018.3	906.9	753.8
35°	1953.2	1861.8	1768.0	1669.0	1561.6	1452.3	1339.4	1223.5	1110.8	998.0	878.3
32.5°	2119.2	2017.0	1907.8	1802.0	1688.4	1569.0	1448.7	1325.4	1202.2	1083.4	959.8
30°	2294.2	2178.0	2056.5	1930.8	1809.5	1681.7	1553.7	1425.2	1294.5	1165.2	1036.9
27.5°	2465.7	2343.2	2208.3	2067.7	1929.6	1792.0	1655.8	1521.6	1381.9	1245.2	1109.5
25°	2633.0	2497.0	2355.1	2202.0	2050.2	1902.4	1756.2	1613.4	1467.3	1319.7	1176.1
22.5°	2797.6	2649.4	2493.6	2329.7	2167.2	2009.0	1852.8	1700.4	1547.6	1390.3	1238.7
20°	2954.7	2797.8	2630.2	2456.5	2281.8	2108.6	1941.9	1781.5	1621.3	1458.2	1296.5
17.5°	3093.4	2932.4	2760.4	2575.8	2390.0	2205.9	2026.7	1854.3	1688.6	1519.8	1349.1
15°	3215.0	3053.8	2876.5	2685.2	2489.2	2295.4	2103.7	1918.8	1748.6	1574.8	1399.4
12.5°	3329.9	3161.8	2981.0	2782.9	2578.4	2375.8	2174.9	1980.3	1800.5	1624.8	1446.2
10°	3434.7	3255.6	3068.4	2866.0	2655.3	2444.9	2236.9	2035.0	1846.9	1667.7	1486.0
7.5°	3524.4	3333.7	3138.6	2933.6	2716.8	2500.6	2287.8	2079.5	1884.9	1702.2	1518.3
5°	3592.6	3395.1	3192.1	2982.7	2762.0	2541.7	2326.1	2112.7	1914.0	1728.1	1542.9
2.5°	3640.4	3436.9	3228.5	3013.4	2789.9	2567.3	2349.9	2135.4	1931.1	1743.0	1562.2
0°	3644.2	3439.7	3237.1	3022.8	2796.6	2576.3	2358.0	2147.6	1937.2	1748.4	1573.3
-2.5°	3640.4	3436.9	3228.5	3013.4	2789.9	2567.3	2349.9	2135.4	1931.1	1743.0	1562.2
-5°	3592.6	3395.1	3192.1	2982.7	2762.0	2541.7	2326.1	2112.7	1914.0	1728.1	1542.9
-7.5°	3524.4	3333.7	3138.6	2933.6	2716.8	2500.6	2287.8	2079.5	1884.9	1702.2	1518.3
-10°	3434.7	3255.6	3068.4	2866.0	2655.3	2444.9	2236.9	2035.0	1846.9	1667.7	1486.0
-12.5°	3329.9	3161.8	2981.0	2782.9	2578.4	2375.8	2174.9	1980.3	1800.5	1624.8	1446.2
-15°	3215.0	3053.8	2876.5	2685.2	2489.2	2295.4	2103.7	1918.8	1748.6	1574.8	1399.4
-17.5°	3093.4	2932.4	2760.4	2575.8	2390.0	2205.9	2026.7	1854.3	1688.6	1519.8	1349.1
-20°	2954.7	2797.8	2630.2	2456.5	2281.8	2108.6	1941.9	1781.5	1621.3	1458.2	1296.5



REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2797.6	2649.4	2493.6	2329.7	2167.2	2009.0	1852.8	1700.4	1547.6	1390.3	1238.7
-25°	2633.0	2497.0	2355.1	2202.0	2050.2	1902.4	1756.2	1613.4	1467.3	1319.7	1176.1
-27.5°	2465.7	2343.2	2208.3	2067.7	1929.6	1792.0	1655.8	1521.6	1381.9	1245.2	1109.5
-30°	2294.2	2178.0	2056.5	1930.8	1809.5	1681.7	1553.7	1425.2	1294.5	1165.2	1036.9
-32.5°	2119.2	2017.0	1907.8	1802.0	1688.4	1569.0	1448.7	1325.4	1202.2	1083.4	959.8
-35°	1953.2	1861.8	1768.0	1669.0	1561.6	1452.3	1339.4	1223.5	1110.8	998.0	878.3
-37.5°	1795.7	1712.1	1626.6	1533.2	1434.5	1332.9	1228.2	1123.1	1018.3	906.9	753.8
-40°	1640.5	1565.4	1483.2	1395.6	1305.5	1212.8	1117.7	1020.8	919.5	784.7	605.3
-42.5°	1481.6	1411.3	1336.1	1256.9	1175.7	1093.2	1005.7	915.5	789.6	621.2	457.8
-45°	1321.8	1258.5	1189.9	1123.3	1051.2	973.6	894.5	763.9	608.5	458.8	306.9
-47.5°	1163.7	1108.0	1051.6	991.5	922.1	837.1	704.4	566.3	433.2	303.3	249.5
-50°	999.7	951.7	901.1	836.3	727.1	610.1	496.2	380.9	289.4	240.1	201.4
-52.5°	825.4	754.2	674.3	584.8	494.4	398.5	302.9	263.8	220.6	195.3	177.5
-55°	561.8	498.1	431.7	357.7	290.4	259.2	225.3	199.6	184.9	168.7	158.5
-57.5°	322.9	279.9	259.7	235.7	207.8	192.2	181.5	169.3	159.5	150.4	141.8
-60°	219.1	199.0	190.9	181.8	171.5	161.6	155.7	148.5	139.8	133.2	126.2
-62.5°	173.1	168.6	160.2	152.7	147.3	143.3	136.2	128.6	122.6	117.5	110.4
-65°	135.0	129.9	126.2	124.8	121.8	116.8	111.1	107.9	104.9	100.7	94.6
-67.5°	108.0	104.9	102.4	99.9	98.0	94.9	93.0	90.7	88.2	83.8	80.2
-70°	93.2	91.1	89.1	86.7	84.5	82.5	81.1	78.5	74.1	69.1	67.6
-72.5°	84.4	83.4	82.2	80.4	78.5	76.0	72.9	69.0	64.7	59.8	55.2
-75°	76.1	76.1	75.7	73.5	71.0	68.3	64.1	57.4	48.8	38.1	30.2
-77.5°	62.5	65.0	66.8	63.5	60.0	56.1	50.5	40.1	30.1	21.5	17.2
-80°	43.1	46.8	48.8	44.1	39.2	34.3	29.0	22.6	17.3	13.3	10.7
-82.5°	21.5	22.7	23.3	20.7	18.3	16.1	14.0	11.4	9.0	6.7	5.0
-85°	6.1	6.3	6.4	6.1	5.8	5.4	5.0	4.2	3.6	3.1	2.8
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.1	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P561411 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WR-BK

**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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.9	1.0	1.0
85°	3.2	3.4	3.4	3.1	2.6	2.0	1.8	1.7	1.9	2.0	2.1
82.5°	5.7	6.6	7.3	7.6	7.1	6.4	5.6	4.6	3.9	3.2	3.1
80°	11.5	12.2	12.6	12.8	12.0	10.8	9.9	8.7	7.4	6.2	5.1
77.5°	19.5	20.1	18.9	18.7	18.3	17.3	15.7	13.3	10.9	9.2	7.6
75°	30.2	32.8	33.8	32.0	28.0	23.9	22.4	19.8	15.9	12.3	10.0
72.5°	51.3	49.1	48.7	47.9	43.4	38.3	32.4	26.1	21.5	17.1	12.9
70°	66.8	65.1	62.0	59.8	57.0	53.0	46.4	36.9	27.0	21.8	16.9
67.5°	78.1	76.7	74.1	71.5	68.5	64.6	59.9	48.3	36.3	26.5	20.8
65°	90.1	87.4	85.9	81.7	78.7	75.8	70.5	58.5	45.0	33.4	24.7
62.5°	103.1	96.4	93.2	90.5	87.0	83.8	80.6	67.4	53.2	39.9	29.3
60°	118.1	109.7	100.8	96.4	93.5	90.4	86.0	76.1	61.3	45.9	33.9
57.5°	133.4	123.9	113.1	103.7	98.4	95.6	91.0	82.4	69.3	52.8	38.0
55°	148.9	138.5	125.4	113.7	104.5	99.5	95.6	87.9	76.6	59.9	41.2
52.5°	163.8	152.3	138.9	124.2	112.5	103.8	98.8	93.8	82.3	66.9	45.9
50°	182.1	165.0	151.6	136.8	120.6	110.2	102.1	97.1	88.2	73.3	50.1
47.5°	203.2	181.5	163.2	148.8	132.2	116.4	107.1	100.2	94.3	78.9	53.6
45°	249.2	200.7	177.2	159.2	142.9	125.0	112.4	103.2	97.1	81.6	56.3
42.5°	302.4	239.1	194.5	169.4	152.2	133.6	117.4	107.5	99.8	83.4	58.1
40°	430.8	287.9	218.8	184.9	161.4	141.2	124.0	111.7	102.1	84.0	59.0
37.5°	561.7	377.7	262.9	199.7	171.8	149.7	130.1	115.7	102.4	83.6	59.4
35°	694.1	494.2	304.5	227.1	184.8	158.3	135.2	119.8	104.3	83.7	59.2
32.5°	820.5	606.1	400.0	263.2	197.0	166.9	141.5	124.2	107.2	84.2	58.4
30°	903.9	716.0	494.7	296.8	214.2	177.2	149.3	128.5	110.9	85.2	57.4
27.5°	970.8	819.1	584.3	364.5	242.9	187.0	157.1	132.6	115.4	86.9	57.5
25°	1032.9	887.2	672.7	439.3	269.1	196.5	164.4	136.7	119.3	89.8	57.6
22.5°	1089.6	940.2	753.8	507.4	294.3	205.5	171.7	142.7	122.5	92.9	57.8
20°	1140.7	988.3	828.1	573.2	337.9	226.2	178.8	148.2	125.4	96.3	58.1
17.5°	1186.5	1032.4	875.7	636.8	390.6	244.9	185.2	153.1	128.2	99.7	58.2
15°	1231.8	1072.5	913.5	692.8	437.2	261.5	190.8	157.3	130.6	103.1	58.2
12.5°	1271.9	1107.1	946.0	740.9	477.4	275.8	195.7	161.0	132.8	106.3	57.3
10°	1305.6	1136.1	973.0	781.0	511.1	287.9	199.7	164.1	134.6	109.5	55.4
7.5°	1332.7	1159.2	994.6	812.8	538.5	297.7	203.1	166.8	136.0	112.6	52.7
5°	1353.4	1176.6	1010.6	833.6	562.0	305.3	205.8	168.8	137.0	115.2	49.4
2.5°	1368.6	1188.3	1021.4	844.9	578.6	310.3	207.6	170.3	137.5	117.1	45.5
0°	1376.7	1193.8	1026.6	847.6	588.0	312.7	208.5	171.1	137.7	118.0	41.3
-2.5°	1368.6	1188.3	1021.4	844.9	578.6	310.3	207.6	170.3	137.5	117.1	45.5
-5°	1353.4	1176.6	1010.6	833.6	562.0	305.3	205.8	168.8	137.0	115.2	49.4
-7.5°	1332.7	1159.2	994.6	812.8	538.5	297.7	203.1	166.8	136.0	112.6	52.7
-10°	1305.6	1136.1	973.0	781.0	511.1	287.9	199.7	164.1	134.6	109.5	55.4
-12.5°	1271.9	1107.1	946.0	740.9	477.4	275.8	195.7	161.0	132.8	106.3	57.3
-15°	1231.8	1072.5	913.5	692.8	437.2	261.5	190.8	157.3	130.6	103.1	58.2
-17.5°	1186.5	1032.4	875.7	636.8	390.6	244.9	185.2	153.1	128.2	99.7	58.2
-20°	1140.7	988.3	828.1	573.2	337.9	226.2	178.8	148.2	125.4	96.3	58.1



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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°	1089.6	940.2	753.8	507.4	294.3	205.5	171.7	142.7	122.5	92.9	57.8
-25°	1032.9	887.2	672.7	439.3	269.1	196.5	164.4	136.7	119.3	89.8	57.6
-27.5°	970.8	819.1	584.3	364.5	242.9	187.0	157.1	132.6	115.4	86.9	57.5
-30°	903.9	716.0	494.7	296.8	214.2	177.2	149.3	128.5	110.9	85.2	57.4
-32.5°	820.5	606.1	400.0	263.2	197.0	166.9	141.5	124.2	107.2	84.2	58.4
-35°	694.1	494.2	304.5	227.1	184.8	158.3	135.2	119.8	104.3	83.7	59.2
-37.5°	561.7	377.7	262.9	199.7	171.8	149.7	130.1	115.7	102.4	83.6	59.4
-40°	430.8	287.9	218.8	184.9	161.4	141.2	124.0	111.7	102.1	84.0	59.0
-42.5°	302.4	239.1	194.5	169.4	152.2	133.6	117.4	107.5	99.8	83.4	58.1
-45°	249.2	200.7	177.2	159.2	142.9	125.0	112.4	103.2	97.1	81.6	56.3
-47.5°	203.2	181.5	163.2	148.8	132.2	116.4	107.1	100.2	94.3	78.9	53.6
-50°	182.1	165.0	151.6	136.8	120.6	110.2	102.1	97.1	88.2	73.3	50.1
-52.5°	163.8	152.3	138.9	124.2	112.5	103.8	98.8	93.8	82.3	66.9	45.9
-55°	148.9	138.5	125.4	113.7	104.5	99.5	95.6	87.9	76.6	59.9	41.2
-57.5°	133.4	123.9	113.1	103.7	98.4	95.6	91.0	82.4	69.3	52.8	38.0
-60°	118.1	109.7	100.8	96.4	93.5	90.4	86.0	76.1	61.3	45.9	33.9
-62.5°	103.1	96.4	93.2	90.5	87.0	83.8	80.6	67.4	53.2	39.9	29.3
-65°	90.1	87.4	85.9	81.7	78.7	75.8	70.5	58.5	45.0	33.4	24.7
-67.5°	78.1	76.7	74.1	71.5	68.5	64.6	59.9	48.3	36.3	26.5	20.8
-70°	66.8	65.1	62.0	59.8	57.0	53.0	46.4	36.9	27.0	21.8	16.9
-72.5°	51.3	49.1	48.7	47.9	43.4	38.3	32.4	26.1	21.5	17.1	12.9
-75°	30.2	32.8	33.8	32.0	28.0	23.9	22.4	19.8	15.9	12.3	10.0
-77.5°	19.5	20.1	18.9	18.7	18.3	17.3	15.7	13.3	10.9	9.2	7.6
-80°	11.5	12.2	12.6	12.8	12.0	10.8	9.9	8.7	7.4	6.2	5.1
-82.5°	5.7	6.6	7.3	7.6	7.1	6.4	5.6	4.6	3.9	3.2	3.1
-85°	3.2	3.4	3.4	3.1	2.6	2.0	1.8	1.7	1.9	2.0	2.1
-87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.9	1.0	1.0
-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°	1.0	0.7	0.5	0.3	0.2	0.1	0.0
85°	2.0	1.5	1.0	0.6	0.3	0.2	0.0
82.5°	3.0	2.2	1.5	1.0	0.5	0.3	0.0
80°	4.1	2.9	2.0	1.3	0.7	0.3	0.0
77.5°	6.0	3.9	2.5	1.6	0.9	0.4	0.0
75°	7.9	5.3	3.1	1.9	1.0	0.5	0.0
72.5°	9.8	6.6	4.0	2.2	1.2	0.6	0.0
70°	11.7	7.9	4.9	2.5	1.4	0.7	0.0
67.5°	14.6	9.1	5.7	3.0	1.5	0.8	0.0
65°	17.3	10.6	6.6	3.6	1.7	0.8	0.0
62.5°	19.7	12.2	7.3	4.1	1.8	0.9	0.0
60°	21.9	13.7	8.0	4.5	2.0	1.0	0.0
57.5°	24.5	15.0	8.8	5.0	2.3	1.1	0.0
55°	26.8	16.1	9.5	5.3	2.6	1.1	0.0
52.5°	28.8	17.0	10.0	5.7	2.8	1.2	0.0
50°	30.4	18.2	10.4	6.0	3.1	1.3	0.0
47.5°	31.8	19.0	10.7	6.3	3.4	1.4	0.0
45°	34.0	19.7	10.8	6.4	3.6	1.4	0.0
42.5°	35.7	20.0	10.8	6.4	3.8	1.5	0.0
40°	36.7	20.1	10.8	6.5	4.1	1.5	0.0
37.5°	37.3	19.9	10.8	6.7	4.3	1.6	0.0
35°	37.2	19.9	10.6	6.8	4.5	1.6	0.0
32.5°	36.7	19.8	10.3	7.0	4.7	1.7	0.0
30°	35.8	19.3	9.8	7.1	4.9	1.7	0.0
27.5°	34.6	18.5	10.0	7.2	5.0	1.8	0.0
25°	32.9	17.4	10.3	7.3	5.2	1.8	0.0
22.5°	30.9	16.7	10.6	7.4	5.3	1.8	0.0
20°	28.5	17.3	10.9	7.5	5.4	1.9	0.0
17.5°	27.9	17.8	11.1	7.6	5.5	1.9	0.0
15°	28.4	18.3	11.3	7.7	5.6	1.9	0.0
12.5°	28.6	18.7	11.4	7.8	5.7	2.0	0.0
10°	28.7	19.1	11.6	7.8	5.8	2.0	0.0
7.5°	28.6	19.4	11.7	7.8	5.8	2.0	0.0
5°	28.4	19.5	11.7	7.9	5.9	2.0	0.0
2.5°	28.0	19.7	11.8	7.9	5.9	2.0	0.0
0°	27.5	19.7	11.8	7.9	5.9	2.0	0.0
-2.5°	28.0	19.7	11.8	7.9	5.9	2.0	0.0
-5°	28.4	19.5	11.7	7.9	5.9	2.0	0.0
-7.5°	28.6	19.4	11.7	7.8	5.8	2.0	0.0
-10°	28.7	19.1	11.6	7.8	5.8	2.0	0.0
-12.5°	28.6	18.7	11.4	7.8	5.7	2.0	0.0
-15°	28.4	18.3	11.3	7.7	5.6	1.9	0.0
-17.5°	27.9	17.8	11.1	7.6	5.5	1.9	0.0
-20°	28.5	17.3	10.9	7.5	5.4	1.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.9	16.7	10.6	7.4	5.3	1.8	0.0
-25°	32.9	17.4	10.3	7.3	5.2	1.8	0.0
-27.5°	34.6	18.5	10.0	7.2	5.0	1.8	0.0
-30°	35.8	19.3	9.8	7.1	4.9	1.7	0.0
-32.5°	36.7	19.8	10.3	7.0	4.7	1.7	0.0
-35°	37.2	19.9	10.6	6.8	4.5	1.6	0.0
-37.5°	37.3	19.9	10.8	6.7	4.3	1.6	0.0
-40°	36.7	20.1	10.8	6.5	4.1	1.5	0.0
-42.5°	35.7	20.0	10.8	6.4	3.8	1.5	0.0
-45°	34.0	19.7	10.8	6.4	3.6	1.4	0.0
-47.5°	31.8	19.0	10.7	6.3	3.4	1.4	0.0
-50°	30.4	18.2	10.4	6.0	3.1	1.3	0.0
-52.5°	28.8	17.0	10.0	5.7	2.8	1.2	0.0
-55°	26.8	16.1	9.5	5.3	2.6	1.1	0.0
-57.5°	24.5	15.0	8.8	5.0	2.3	1.1	0.0
-60°	21.9	13.7	8.0	4.5	2.0	1.0	0.0
-62.5°	19.7	12.2	7.3	4.1	1.8	0.9	0.0
-65°	17.3	10.6	6.6	3.6	1.7	0.8	0.0
-67.5°	14.6	9.1	5.7	3.0	1.5	0.8	0.0
-70°	11.7	7.9	4.9	2.5	1.4	0.7	0.0
-72.5°	9.8	6.6	4.0	2.2	1.2	0.6	0.0
-75°	7.9	5.3	3.1	1.9	1.0	0.5	0.0
-77.5°	6.0	3.9	2.5	1.6	0.9	0.4	0.0
-80°	4.1	2.9	2.0	1.3	0.7	0.3	0.0
-82.5°	3.0	2.2	1.5	1.0	0.5	0.3	0.0
-85°	2.0	1.5	1.0	0.6	0.3	0.2	0.0
-87.5°	1.0	0.7	0.5	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)