

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: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558763 (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-SA3B-930-U-WR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

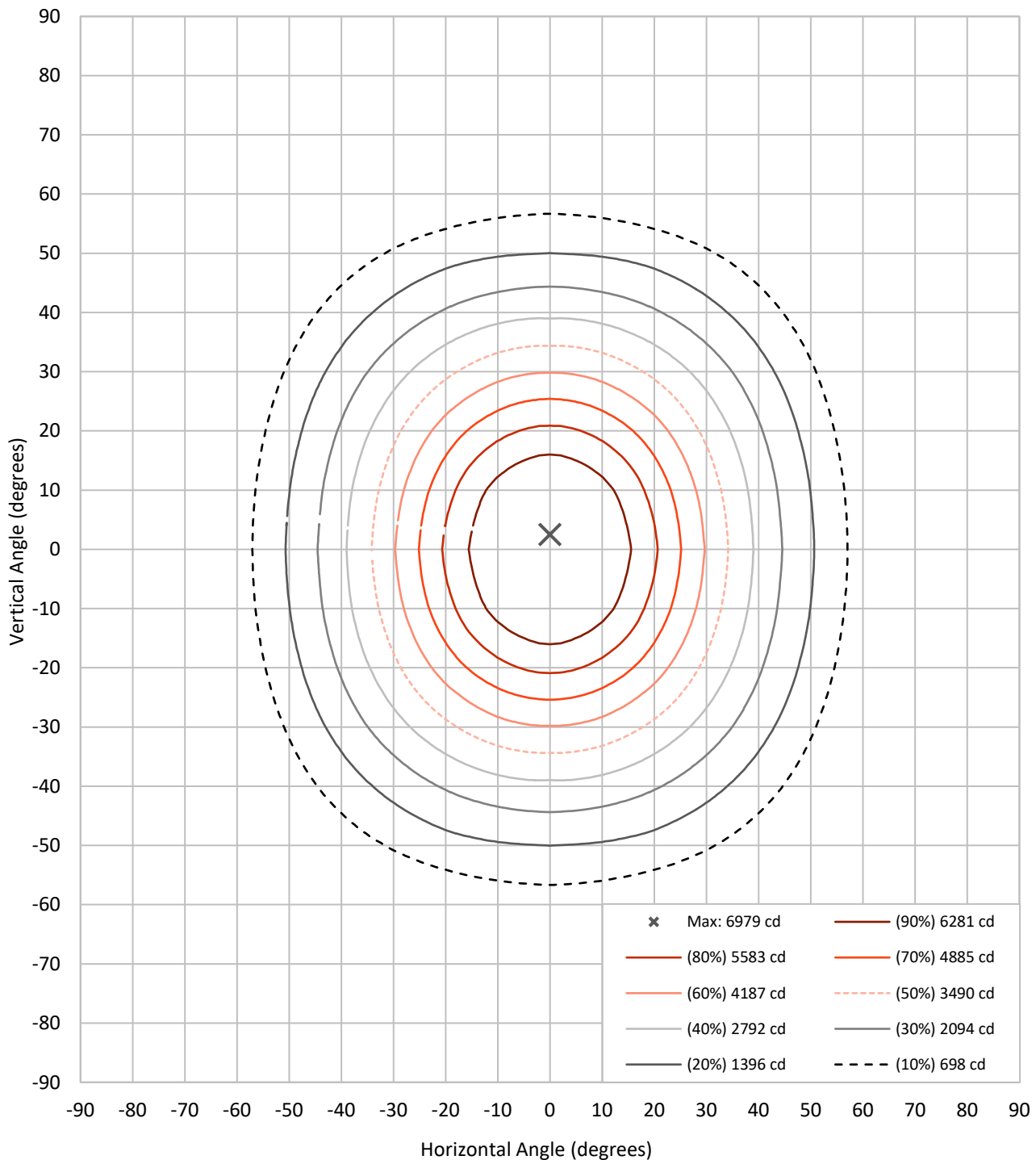
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9445.4 lumens	Max Intensity:	6979 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	103.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	5663.2 lumens	Field Lumens:	9022.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%
Input Watts (W):	91		
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





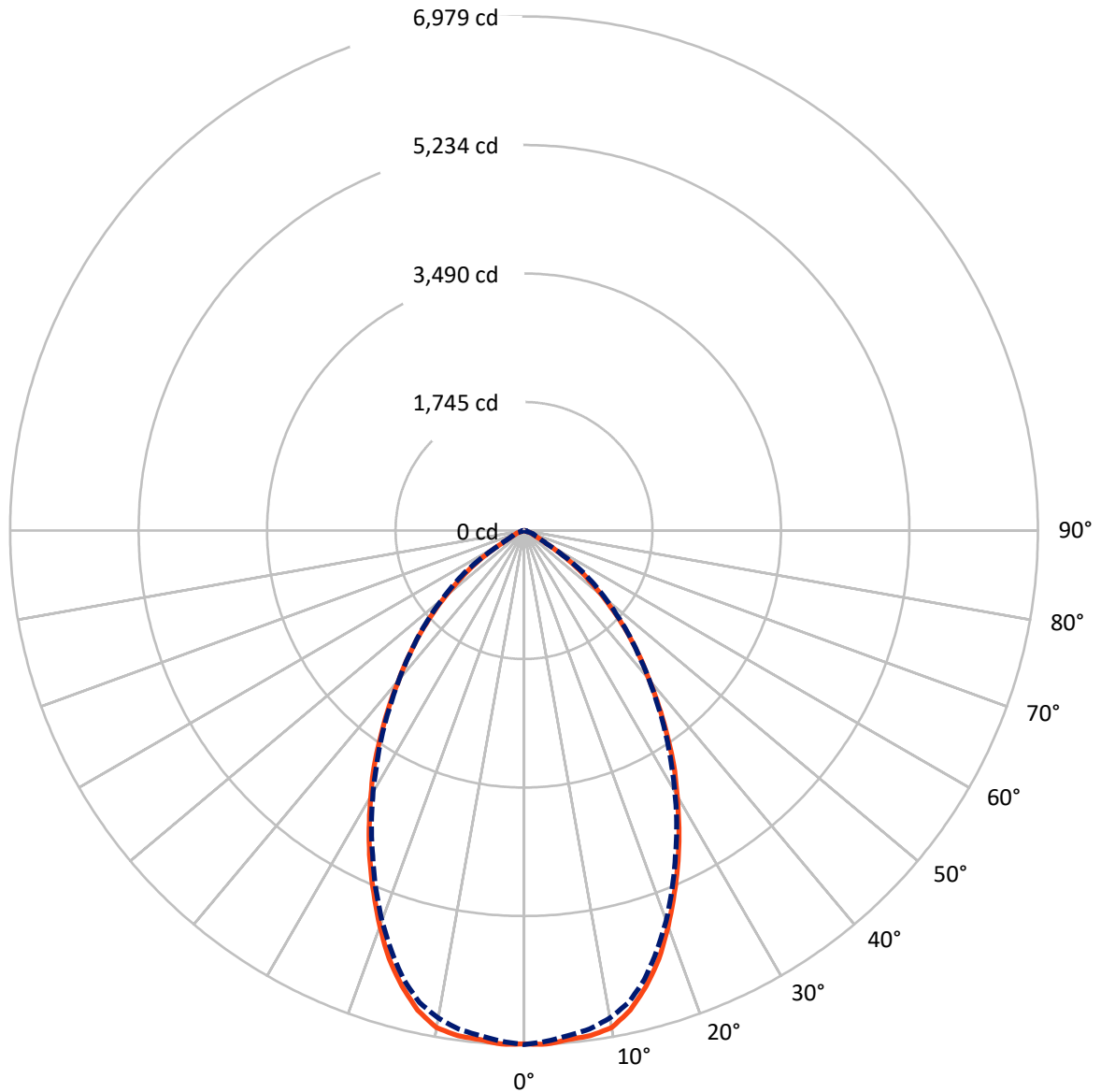
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### Lumen Table

90																			
80	0.1	0.9		2.3		3.9		2.8		3.9		2.3		0.9		0.1			
70																			
60	0.4	0.7	1.3	2.0	2.9	3.8	4.7	5.3	5.3	4.7	3.8	2.9	2.0	1.3	0.7	0.4			
50		1.0	2.1	3.8	7.3	14.2	21.3	25.5	25.5	21.3	14.2	7.3	3.8	2.1	1.0				
40	0.7	1.4	3.1	9.0	23.8	39.6	52.7	60.0	60.0	52.7	39.6	23.8	9.0	3.1	1.4	0.7			
30		1.7	5.3	20.9	42.7	66.7	88.4	101.4	101.4	88.4	66.7	42.7	20.9	5.3	1.7				
20	0.8	2.0	9.7	31.5	60.6	94.9	126.9	146.9	146.9	126.9	94.9	60.6	31.5	9.7	2.0	0.8			
10		2.4	13.8	39.3	74.7	118.6	161.5	188.7	188.7	161.5	118.6	74.7	39.3	13.8	2.4				
0	0.8	2.6	16.1	43.4	82.7	132.5	181.4	207.4	207.4	181.4	132.5	82.7	43.4	16.1	2.6	0.8			
-10		2.6	16.1	43.4	82.7	132.5	181.4	207.4	207.4	181.4	132.5	82.7	43.4	16.1	2.6				
-20	0.8	2.4	13.8	39.3	74.7	118.6	161.5	188.7	188.7	161.5	118.6	74.7	39.3	13.8	2.4	0.8			
-30		2.0	9.7	31.5	60.6	94.9	126.9	146.9	146.9	126.9	94.9	60.6	31.5	9.7	2.0				
-40	0.7	1.7	5.3	20.9	42.7	66.7	88.4	101.4	101.4	88.4	66.7	42.7	20.9	5.3	1.7	0.7			
-50		1.4	3.1	9.0	23.8	39.6	52.7	60.0	60.0	52.7	39.6	23.8	9.0	3.1	1.4				
-60	0.4	1.0	2.1	3.8	7.3	14.2	21.3	25.5	25.5	21.3	14.2	7.3	3.8	2.1	1.0	0.4			
-70		0.7	1.3	2.0	2.9	3.8	4.7	5.3	5.3	4.7	3.8	2.9	2.0	1.3	0.7				
-80	0.1	0.9		2.3		3.9		2.8		3.9		2.3		0.9		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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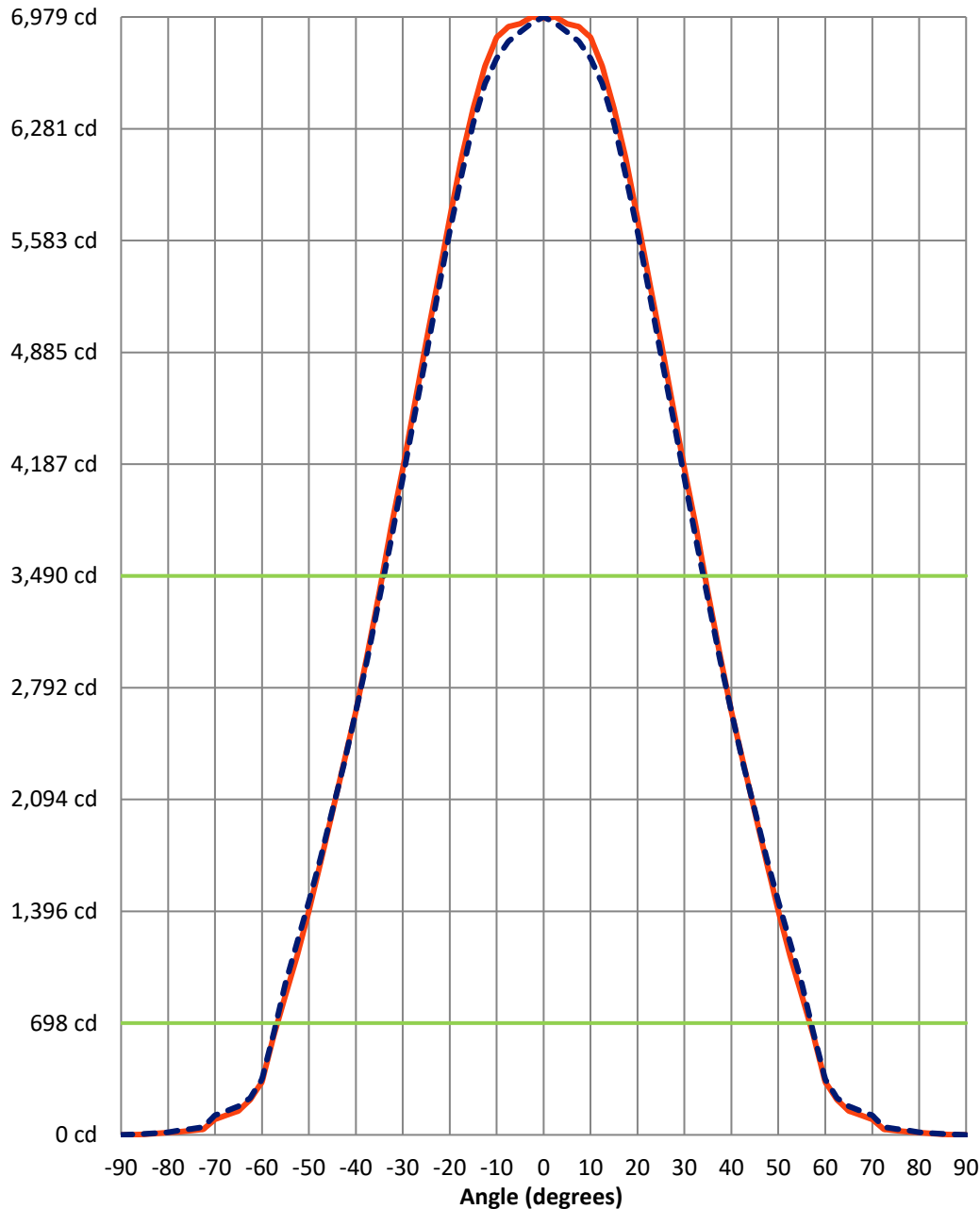
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 5663.2  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 9022.9  
Efficiency: 95.5%

**Spill:**  
Lumens: 422.5  
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	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.9	4.0	5.1
80°	0.0	0.5	0.9	1.4	1.9	2.3	2.9	4.3	5.8	7.3	8.8
77.5°	0.0	0.6	1.2	1.7	2.3	3.2	5.0	6.8	8.6	10.6	13.2
75°	0.0	0.7	1.4	2.1	2.9	4.6	6.9	9.2	11.7	15.6	19.4
72.5°	0.0	0.8	1.6	2.4	3.8	6.0	8.8	12.1	16.7	21.2	25.6
70°	0.0	0.9	1.8	2.8	4.7	7.3	10.9	16.4	21.6	26.7	34.1
67.5°	0.0	1.0	2.1	3.3	5.6	8.6	14.1	20.7	26.5	34.2	42.8
65°	0.0	1.1	2.3	3.9	6.4	10.3	17.2	24.9	32.5	41.4	51.2
62.5°	0.0	1.2	2.5	4.4	7.2	12.3	20.1	29.4	38.3	48.4	59.1
60°	0.0	1.3	2.7	4.8	7.9	14.2	22.7	34.0	43.7	56.0	67.1
57.5°	0.0	1.5	3.0	5.3	9.0	15.9	25.4	38.0	50.4	63.6	73.8
55°	0.0	1.5	3.2	5.7	10.0	17.3	27.7	41.2	57.4	70.7	79.8
52.5°	0.0	1.6	3.5	6.0	10.9	18.7	29.8	45.9	64.3	76.2	85.8
50°	0.0	1.7	3.7	6.3	11.7	19.9	31.5	50.2	70.6	81.8	92.2
47.5°	0.0	1.8	4.0	6.7	12.3	20.9	33.1	54.0	75.6	87.2	98.3
45°	0.0	1.9	4.2	7.0	12.8	21.7	35.7	57.2	77.7	92.2	103.9
42.5°	0.0	2.0	4.4	7.3	13.2	22.2	37.9	59.0	79.1	96.9	110.1
40°	0.0	2.1	4.6	7.6	13.4	22.4	39.7	59.7	79.9	100.8	116.2
37.5°	0.0	2.1	4.8	8.0	13.5	22.4	41.0	59.9	80.8	102.5	122.1
35°	0.0	2.2	5.0	8.3	13.5	22.9	41.9	59.6	81.6	106.2	128.0
32.5°	0.0	2.3	5.2	8.7	13.3	23.5	42.1	58.8	82.5	111.0	133.8
30°	0.0	2.3	5.3	9.0	12.9	23.8	41.3	57.9	83.2	116.7	139.4
27.5°	0.0	2.4	5.5	9.3	13.3	23.8	40.2	58.1	85.3	123.2	144.6
25°	0.0	2.4	5.6	9.5	13.7	23.5	38.7	58.1	89.7	128.4	149.5
22.5°	0.0	2.5	5.8	9.8	14.0	23.5	37.0	58.0	94.4	132.3	155.8
20°	0.0	2.5	5.9	10.0	14.4	24.6	34.9	57.7	99.2	135.9	161.4
17.5°	0.0	2.6	6.0	10.2	14.7	25.6	34.6	57.1	104.0	139.1	166.3
15°	0.0	2.6	6.1	10.3	15.0	26.4	35.3	56.8	108.7	141.9	170.5
12.5°	0.0	2.6	6.1	10.5	15.3	27.1	35.9	56.5	112.9	144.4	174.0
10°	0.0	2.7	6.2	10.6	15.5	27.7	36.4	55.3	116.3	146.2	176.6
7.5°	0.0	2.7	6.2	10.7	15.7	28.1	36.9	53.6	119.1	147.7	178.2
5°	0.0	2.7	6.3	10.7	15.9	28.5	37.3	51.3	121.1	148.8	178.9
2.5°	0.0	2.7	6.3	10.8	16.1	28.7	37.7	45.8	122.0	149.8	178.5
0°	0.0	2.7	6.3	10.8	16.1	28.7	37.7	45.8	122.0	149.8	178.5
-2.5°	0.0	2.7	6.3	10.8	16.0	28.6	37.5	48.7	122.1	149.6	179.0
-5°	0.0	2.7	6.3	10.7	15.9	28.5	37.3	51.3	121.1	148.8	178.9
-7.5°	0.0	2.7	6.2	10.7	15.7	28.1	36.9	53.6	119.1	147.7	178.2
-10°	0.0	2.7	6.2	10.6	15.5	27.7	36.4	55.3	116.3	146.2	176.6
-12.5°	0.0	2.6	6.1	10.5	15.3	27.1	35.9	56.5	112.9	144.4	174.0
-15°	0.0	2.6	6.1	10.3	15.0	26.4	35.3	56.8	108.7	141.9	170.5
-17.5°	0.0	2.6	6.0	10.2	14.7	25.6	34.6	57.1	104.0	139.1	166.3
-20°	0.0	2.5	5.9	10.0	14.4	24.6	34.9	57.7	99.2	135.9	161.4



REPORT NUMBER: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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	2.5	5.8	9.8	14.0	23.5	37.0	58.0	94.4	132.3	155.8
-25°	0.0	2.4	5.6	9.5	13.7	23.5	38.7	58.1	89.7	128.4	149.5
-27.5°	0.0	2.4	5.5	9.3	13.3	23.8	40.2	58.1	85.3	123.2	144.6
-30°	0.0	2.3	5.3	9.0	12.9	23.8	41.3	57.9	83.2	116.7	139.4
-32.5°	0.0	2.3	5.2	8.7	13.3	23.5	42.1	58.8	82.5	111.0	133.8
-35°	0.0	2.2	5.0	8.3	13.5	22.9	41.9	59.6	81.6	106.2	128.0
-37.5°	0.0	2.1	4.8	8.0	13.5	22.4	41.0	59.9	80.8	102.5	122.1
-40°	0.0	2.1	4.6	7.6	13.4	22.4	39.7	59.7	79.9	100.8	116.2
-42.5°	0.0	2.0	4.4	7.3	13.2	22.2	37.9	59.0	79.1	96.9	110.1
-45°	0.0	1.9	4.2	7.0	12.8	21.7	35.7	57.2	77.7	92.2	103.9
-47.5°	0.0	1.8	4.0	6.7	12.3	20.9	33.1	54.0	75.6	87.2	98.3
-50°	0.0	1.7	3.7	6.3	11.7	19.9	31.5	50.2	70.6	81.8	92.2
-52.5°	0.0	1.6	3.5	6.0	10.9	18.7	29.8	45.9	64.3	76.2	85.8
-55°	0.0	1.5	3.2	5.7	10.0	17.3	27.7	41.2	57.4	70.7	79.8
-57.5°	0.0	1.5	3.0	5.3	9.0	15.9	25.4	38.0	50.4	63.6	73.8
-60°	0.0	1.3	2.7	4.8	7.9	14.2	22.7	34.0	43.7	56.0	67.1
-62.5°	0.0	1.2	2.5	4.4	7.2	12.3	20.1	29.4	38.3	48.4	59.1
-65°	0.0	1.1	2.3	3.9	6.4	10.3	17.2	24.9	32.5	41.4	51.2
-67.5°	0.0	1.0	2.1	3.3	5.6	8.6	14.1	20.7	26.5	34.2	42.8
-70°	0.0	0.9	1.8	2.8	4.7	7.3	10.9	16.4	21.6	26.7	34.1
-72.5°	0.0	0.8	1.6	2.4	3.8	6.0	8.8	12.1	16.7	21.2	25.6
-75°	0.0	0.7	1.4	2.1	2.9	4.6	6.9	9.2	11.7	15.6	19.4
-77.5°	0.0	0.6	1.2	1.7	2.3	3.2	5.0	6.8	8.6	10.6	13.2
-80°	0.0	0.5	0.9	1.4	1.9	2.3	2.9	4.3	5.8	7.3	8.8
-82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.9	4.0	5.1
-85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA3B-930-U-WR-XX

**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°	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.3	1.2	1.0	0.9
85°	2.3	2.3	2.5	2.7	3.0	3.2	3.3	3.3	3.7	4.2	4.8
82.5°	5.7	6.1	6.3	6.4	6.5	6.4	6.4	6.3	7.8	9.7	11.8
80°	9.6	10.0	11.5	13.1	13.9	13.9	13.2	11.8	13.9	17.4	21.6
77.5°	15.6	17.9	20.3	22.7	23.2	22.0	20.1	17.5	20.5	26.7	33.8
75°	22.6	25.7	29.3	31.9	32.0	30.0	27.5	27.0	32.2	39.7	45.9
72.5°	30.9	35.5	38.9	41.2	41.0	40.7	41.7	43.9	48.2	53.6	58.4
70°	41.0	45.5	48.1	49.2	49.7	52.2	55.9	58.7	61.7	67.1	72.1
67.5°	50.9	54.4	56.6	58.2	62.4	67.1	70.9	74.3	78.0	83.5	88.1
65°	59.8	63.4	66.5	71.2	77.3	81.8	86.2	90.8	97.3	103.5	107.2
62.5°	68.5	72.3	77.0	83.4	90.0	95.8	103.0	111.1	119.6	125.9	133.2
60°	75.2	80.6	87.3	94.9	102.8	112.2	121.4	130.9	139.6	148.1	158.8
57.5°	81.6	89.4	97.8	106.7	117.1	128.8	140.1	150.4	161.4	173.2	185.2
55°	88.6	98.8	108.2	118.7	131.4	146.3	158.9	171.1	184.2	204.1	221.5
52.5°	96.3	107.6	118.1	131.0	146.9	162.7	177.0	194.1	216.1	245.7	293.6
50°	103.5	115.6	128.0	144.6	161.8	178.5	199.2	223.0	267.0	322.1	418.6
47.5°	110.7	123.5	139.9	157.9	176.6	198.7	224.9	276.9	336.8	474.2	611.0
45°	117.8	133.1	151.2	171.6	193.9	221.6	276.0	340.2	503.3	661.2	825.8
42.5°	124.8	142.7	163.3	185.1	214.2	264.4	334.5	504.0	680.6	862.0	1019.9
40°	132.7	151.6	175.6	203.2	241.6	317.8	475.2	666.0	865.0	1036.4	1190.1
37.5°	140.2	162.5	188.5	220.7	289.7	416.9	619.7	831.4	1024.1	1191.6	1355.7
35°	147.0	173.1	204.1	252.3	336.9	546.5	766.4	981.6	1165.8	1344.7	1524.2
32.5°	155.0	183.3	219.1	294.2	445.2	671.7	905.6	1110.7	1303.6	1494.3	1699.3
30°	163.9	196.0	239.9	334.2	552.4	793.2	1025.0	1234.5	1434.5	1646.3	1865.9
27.5°	172.3	208.2	274.4	411.6	653.2	906.7	1133.6	1349.2	1563.9	1789.4	2025.9
25°	179.9	219.9	306.8	496.6	750.5	1003.6	1233.6	1453.0	1684.8	1929.9	2178.7
22.5°	188.0	231.2	336.0	574.0	839.6	1089.8	1321.8	1554.5	1799.9	2059.6	2319.2
20°	196.9	255.4	384.0	645.4	920.4	1168.1	1401.1	1648.8	1907.5	2176.5	2450.7
17.5°	205.0	276.7	441.4	713.2	988.5	1236.3	1472.4	1734.2	2001.1	2282.3	2571.1
15°	212.2	295.2	491.9	773.2	1046.2	1294.1	1541.9	1810.0	2084.3	2377.2	2677.1
12.5°	218.6	310.9	535.4	825.0	1094.9	1343.6	1600.4	1873.9	2158.5	2460.1	2772.7
10°	224.0	323.6	571.5	868.3	1134.6	1384.4	1647.2	1927.1	2217.5	2526.9	2849.8
7.5°	227.5	334.1	600.1	902.9	1165.1	1416.4	1682.6	1969.1	2260.7	2579.1	2908.1
5°	229.7	342.7	620.7	928.5	1187.4	1440.5	1708.1	1999.2	2288.4	2615.7	2947.3
2.5°	230.7	348.6	633.3	944.9	1201.4	1457.4	1729.2	2025.6	2317.5	2641.7	2977.7
0°	230.6	351.7	637.9	951.9	1206.7	1465.1	1739.6	2039.2	2336.2	2652.9	2998.3
-2.5°	230.7	348.6	633.3	944.9	1201.4	1457.4	1729.2	2025.6	2317.5	2641.7	2977.7
-5°	229.7	342.7	620.7	928.5	1187.4	1440.5	1708.1	1999.2	2288.4	2615.7	2947.3
-7.5°	227.5	334.1	600.1	902.9	1165.1	1416.4	1682.6	1969.1	2260.7	2579.1	2908.1
-10°	224.0	323.6	571.5	868.3	1134.6	1384.4	1647.2	1927.1	2217.5	2526.9	2849.8
-12.5°	218.6	310.9	535.4	825.0	1094.9	1343.6	1600.4	1873.9	2158.5	2460.1	2772.7
-15°	212.2	295.2	491.9	773.2	1046.2	1294.1	1541.9	1810.0	2084.3	2377.2	2677.1
-17.5°	205.0	276.7	441.4	713.2	988.5	1236.3	1472.4	1734.2	2001.1	2282.3	2571.1
-20°	196.9	255.4	384.0	645.4	920.4	1168.1	1401.1	1648.8	1907.5	2176.5	2450.7



REPORT NUMBER: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	188.0	231.2	336.0	574.0	839.6	1089.8	1321.8	1554.5	1799.9	2059.6	2319.2
-25°	179.9	219.9	306.8	496.6	750.5	1003.6	1233.6	1453.0	1684.8	1929.9	2178.7
-27.5°	172.3	208.2	274.4	411.6	653.2	906.7	1133.6	1349.2	1563.9	1789.4	2025.9
-30°	163.9	196.0	239.9	334.2	552.4	793.2	1025.0	1234.5	1434.5	1646.3	1865.9
-32.5°	155.0	183.3	219.1	294.2	445.2	671.7	905.6	1110.7	1303.6	1494.3	1699.3
-35°	147.0	173.1	204.1	252.3	336.9	546.5	766.4	981.6	1165.8	1344.7	1524.2
-37.5°	140.2	162.5	188.5	220.7	289.7	416.9	619.7	831.4	1024.1	1191.6	1355.7
-40°	132.7	151.6	175.6	203.2	241.6	317.8	475.2	666.0	865.0	1036.4	1190.1
-42.5°	124.8	142.7	163.3	185.1	214.2	264.4	334.5	504.0	680.6	862.0	1019.9
-45°	117.8	133.1	151.2	171.6	193.9	221.6	276.0	340.2	503.3	661.2	825.8
-47.5°	110.7	123.5	139.9	157.9	176.6	198.7	224.9	276.9	336.8	474.2	611.0
-50°	103.5	115.6	128.0	144.6	161.8	178.5	199.2	223.0	267.0	322.1	418.6
-52.5°	96.3	107.6	118.1	131.0	146.9	162.7	177.0	194.1	216.1	245.7	293.6
-55°	88.6	98.8	108.2	118.7	131.4	146.3	158.9	171.1	184.2	204.1	221.5
-57.5°	81.6	89.4	97.8	106.7	117.1	128.8	140.1	150.4	161.4	173.2	185.2
-60°	75.2	80.6	87.3	94.9	102.8	112.2	121.4	130.9	139.6	148.1	158.8
-62.5°	68.5	72.3	77.0	83.4	90.0	95.8	103.0	111.1	119.6	125.9	133.2
-65°	59.8	63.4	66.5	71.2	77.3	81.8	86.2	90.8	97.3	103.5	107.2
-67.5°	50.9	54.4	56.6	58.2	62.4	67.1	70.9	74.3	78.0	83.5	88.1
-70°	41.0	45.5	48.1	49.2	49.7	52.2	55.9	58.7	61.7	67.1	72.1
-72.5°	30.9	35.5	38.9	41.2	41.0	40.7	41.7	43.9	48.2	53.6	58.4
-75°	22.6	25.7	29.3	31.9	32.0	30.0	27.5	27.0	32.2	39.7	45.9
-77.5°	15.6	17.9	20.3	22.7	23.2	22.0	20.1	17.5	20.5	26.7	33.8
-80°	9.6	10.0	11.5	13.1	13.9	13.9	13.2	11.8	13.9	17.4	21.6
-82.5°	5.7	6.1	6.3	6.4	6.5	6.4	6.4	6.3	7.8	9.7	11.8
-85°	2.3	2.3	2.5	2.7	3.0	3.2	3.3	3.3	3.7	4.2	4.8
-87.5°	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.3	1.2	1.0	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: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	5.5	5.4	5.2	4.9	4.6	4.7	4.9	5.0	5.1	4.8	4.4
82.5°	14.1	15.1	16.1	17.1	18.2	18.1	17.5	16.8	15.9	14.2	12.3
80°	26.4	28.8	30.5	31.8	32.8	31.8	30.3	28.5	26.5	23.6	20.4
77.5°	41.0	43.4	44.7	46.3	48.0	48.3	48.4	48.5	48.7	43.2	36.2
75°	50.8	54.1	56.8	59.2	61.3	62.4	63.0	63.7	64.4	57.1	47.5
72.5°	62.5	65.7	68.3	70.9	73.1	74.9	76.2	77.3	78.2	72.3	64.0
70°	76.1	79.3	82.2	84.9	87.5	89.9	92.0	94.0	95.8	96.2	96.6
67.5°	91.5	93.4	96.9	100.3	104.3	107.3	110.5	113.6	116.4	118.8	120.8
65°	110.5	117.3	124.2	127.5	127.8	132.1	138.8	142.5	143.6	144.4	146.6
62.5°	142.5	151.2	155.8	161.8	170.1	179.1	182.5	187.5	193.5	200.3	206.5
60°	167.9	175.3	186.4	197.7	207.7	216.9	239.0	258.6	275.5	290.0	303.9
57.5°	199.4	211.7	228.7	259.3	287.2	312.5	355.8	408.6	455.6	496.7	532.9
55°	249.7	285.4	317.6	389.8	467.0	533.7	596.2	663.1	717.5	760.0	799.4
52.5°	335.3	433.7	533.3	627.1	719.2	803.1	878.4	937.7	983.9	1018.6	1051.5
50°	536.8	655.3	776.7	888.6	979.1	1061.8	1140.2	1198.9	1248.1	1290.4	1327.9
47.5°	756.5	895.2	1009.9	1113.0	1210.6	1302.4	1388.1	1459.7	1520.2	1576.1	1622.6
45°	975.1	1099.2	1216.8	1327.4	1433.6	1536.5	1628.7	1710.0	1790.2	1856.4	1908.8
42.5°	1159.9	1291.3	1416.4	1543.0	1661.7	1777.1	1888.5	1987.5	2072.6	2145.0	2203.2
40°	1337.4	1479.0	1627.6	1768.1	1909.1	2040.8	2164.2	2277.2	2374.2	2459.9	2532.4
37.5°	1517.9	1683.3	1846.6	2006.7	2162.0	2305.2	2446.9	2577.3	2690.9	2791.2	2875.4
35°	1708.5	1890.7	2068.4	2248.9	2418.5	2584.3	2740.8	2884.3	3010.1	3128.3	3229.8
32.5°	1899.4	2096.9	2297.0	2492.2	2680.1	2865.7	3037.4	3199.2	3348.0	3478.7	3587.1
30°	2085.3	2302.7	2516.8	2729.5	2944.0	3146.2	3336.4	3514.0	3675.4	3817.9	3941.1
27.5°	2263.7	2497.4	2726.9	2970.3	3203.4	3423.4	3630.0	3820.9	4001.1	4163.1	4302.9
25°	2428.7	2676.9	2944.6	3199.8	3449.2	3693.1	3919.5	4126.9	4332.9	4511.2	4663.0
22.5°	2584.6	2861.7	3143.4	3411.1	3686.2	3954.5	4207.9	4448.3	4668.3	4855.1	5016.9
20°	2732.9	3031.1	3321.4	3617.7	3915.7	4205.1	4484.1	4741.1	4973.5	5177.1	5359.6
17.5°	2873.0	3181.5	3490.0	3806.4	4128.2	4432.5	4728.1	5007.6	5261.4	5487.2	5693.0
15°	2994.1	3312.9	3643.3	3979.6	4316.1	4639.6	4953.5	5257.9	5543.4	5789.2	5996.8
12.5°	3097.1	3429.2	3778.6	4131.5	4486.2	4825.4	5158.0	5483.8	5787.3	6051.5	6264.6
10°	3182.5	3530.4	3895.4	4263.0	4626.8	4979.2	5325.1	5662.3	5988.2	6262.1	6480.9
7.5°	3253.7	3614.9	3988.4	4367.0	4734.1	5100.1	5460.9	5801.4	6122.6	6411.4	6636.3
5°	3306.8	3674.1	4055.5	4443.5	4816.3	5195.3	5566.8	5915.3	6233.2	6494.9	6678.5
2.5°	3346.4	3711.0	4099.0	4489.7	4867.4	5260.1	5639.4	5988.3	6313.8	6561.4	6720.4
0°	3373.3	3731.3	4138.6	4521.7	4905.7	5308.5	5683.5	6036.1	6362.6	6604.9	6769.0
-2.5°	3346.4	3711.0	4099.0	4489.7	4867.4	5260.1	5639.4	5988.3	6313.8	6561.4	6720.4
-5°	3306.8	3674.1	4055.5	4443.5	4816.3	5195.3	5566.8	5915.3	6233.2	6494.9	6678.5
-7.5°	3253.7	3614.9	3988.4	4367.0	4734.1	5100.1	5460.9	5801.4	6122.6	6411.4	6636.3
-10°	3182.5	3530.4	3895.4	4263.0	4626.8	4979.2	5325.1	5662.3	5988.2	6262.1	6480.9
-12.5°	3097.1	3429.2	3778.6	4131.5	4486.2	4825.4	5158.0	5483.8	5787.3	6051.5	6264.6
-15°	2994.1	3312.9	3643.3	3979.6	4316.1	4639.6	4953.5	5257.9	5543.4	5789.2	5996.8
-17.5°	2873.0	3181.5	3490.0	3806.4	4128.2	4432.5	4728.1	5007.6	5261.4	5487.2	5693.0
-20°	2732.9	3031.1	3321.4	3617.7	3915.7	4205.1	4484.1	4741.1	4973.5	5177.1	5359.6



REPORT NUMBER: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2584.6	2861.7	3143.4	3411.1	3686.2	3954.5	4207.9	4448.3	4668.3	4855.1	5016.9
-25°	2428.7	2676.9	2944.6	3199.8	3449.2	3693.1	3919.5	4126.9	4332.9	4511.2	4663.0
-27.5°	2263.7	2497.4	2726.9	2970.3	3203.4	3423.4	3630.0	3820.9	4001.1	4163.1	4302.9
-30°	2085.3	2302.7	2516.8	2729.5	2944.0	3146.2	3336.4	3514.0	3675.4	3817.9	3941.1
-32.5°	1899.4	2096.9	2297.0	2492.2	2680.1	2865.7	3037.4	3199.2	3348.0	3478.7	3587.1
-35°	1708.5	1890.7	2068.4	2248.9	2418.5	2584.3	2740.8	2884.3	3010.1	3128.3	3229.8
-37.5°	1517.9	1683.3	1846.6	2006.7	2162.0	2305.2	2446.9	2577.3	2690.9	2791.2	2875.4
-40°	1337.4	1479.0	1627.6	1768.1	1909.1	2040.8	2164.2	2277.2	2374.2	2459.9	2532.4
-42.5°	1159.9	1291.3	1416.4	1543.0	1661.7	1777.1	1888.5	1987.5	2072.6	2145.0	2203.2
-45°	975.1	1099.2	1216.8	1327.4	1433.6	1536.5	1628.7	1710.0	1790.2	1856.4	1908.8
-47.5°	756.5	895.2	1009.9	1113.0	1210.6	1302.4	1388.1	1459.7	1520.2	1576.1	1622.6
-50°	536.8	655.3	776.7	888.6	979.1	1061.8	1140.2	1198.9	1248.1	1290.4	1327.9
-52.5°	335.3	433.7	533.3	627.1	719.2	803.1	878.4	937.7	983.9	1018.6	1051.5
-55°	249.7	285.4	317.6	389.8	467.0	533.7	596.2	663.1	717.5	760.0	799.4
-57.5°	199.4	211.7	228.7	259.3	287.2	312.5	355.8	408.6	455.6	496.7	532.9
-60°	167.9	175.3	186.4	197.7	207.7	216.9	239.0	258.6	275.5	290.0	303.9
-62.5°	142.5	151.2	155.8	161.8	170.1	179.1	182.5	187.5	193.5	200.3	206.5
-65°	110.5	117.3	124.2	127.5	127.8	132.1	138.8	142.5	143.6	144.4	146.6
-67.5°	91.5	93.4	96.9	100.3	104.3	107.3	110.5	113.6	116.4	118.8	120.8
-70°	76.1	79.3	82.2	84.9	87.5	89.9	92.0	94.0	95.8	96.2	96.6
-72.5°	62.5	65.7	68.3	70.9	73.1	74.9	76.2	77.3	78.2	72.3	64.0
-75°	50.8	54.1	56.8	59.2	61.3	62.4	63.0	63.7	64.4	57.1	47.5
-77.5°	41.0	43.4	44.7	46.3	48.0	48.3	48.4	48.5	48.7	43.2	36.2
-80°	26.4	28.8	30.5	31.8	32.8	31.8	30.3	28.5	26.5	23.6	20.4
-82.5°	14.1	15.1	16.1	17.1	18.2	18.1	17.5	16.8	15.9	14.2	12.3
-85°	5.5	5.4	5.2	4.9	4.6	4.7	4.9	5.0	5.1	4.8	4.4
-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: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	4.0	3.6	3.6	3.6	3.6	3.6	4.0	4.4	4.8	5.1	5.0
82.5°	10.2	8.1	8.5	9.0	8.5	8.1	10.2	12.3	14.2	15.9	16.8
80°	17.0	13.5	13.9	14.4	13.9	13.5	17.0	20.4	23.6	26.5	28.5
77.5°	28.7	20.8	20.1	19.7	20.1	20.8	28.7	36.2	43.2	48.7	48.5
75°	37.6	27.5	26.9	26.9	26.9	27.5	37.6	47.5	57.1	64.4	63.7
72.5°	55.6	47.0	41.0	35.0	41.0	47.0	55.6	64.0	72.3	78.2	77.3
70°	97.7	98.9	98.4	96.9	98.4	98.9	97.7	96.6	96.2	95.8	94.0
67.5°	122.5	123.8	124.1	123.8	124.1	123.8	122.5	120.8	118.8	116.4	113.6
65°	148.0	148.9	149.5	149.8	149.5	148.9	148.0	146.6	144.4	143.6	142.5
62.5°	211.1	214.2	217.5	219.8	217.5	214.2	211.1	206.5	200.3	193.5	187.5
60°	316.1	326.1	330.6	331.1	330.6	326.1	316.1	303.9	290.0	275.5	258.6
57.5°	561.8	583.5	602.8	617.2	602.8	583.5	561.8	532.9	496.7	455.6	408.6
55°	830.7	853.7	866.7	870.2	866.7	853.7	830.7	799.4	760.0	717.5	663.1
52.5°	1076.4	1091.7	1106.3	1118.8	1106.3	1091.7	1076.4	1051.5	1018.6	983.9	937.7
50°	1356.2	1373.3	1387.7	1398.7	1387.7	1373.3	1356.2	1327.9	1290.4	1248.1	1198.9
47.5°	1655.2	1676.1	1691.5	1701.9	1691.5	1676.1	1655.2	1622.6	1576.1	1520.2	1459.7
45°	1953.6	1989.4	2011.2	2015.0	2011.2	1989.4	1953.6	1908.8	1856.4	1790.2	1710.0
42.5°	2253.6	2287.9	2311.1	2328.1	2311.1	2287.9	2253.6	2203.2	2145.0	2072.6	1987.5
40°	2592.8	2635.9	2655.6	2643.0	2655.6	2635.9	2592.8	2532.4	2459.9	2374.2	2277.2
37.5°	2940.3	2984.6	3007.4	3006.4	3007.4	2984.6	2940.3	2875.4	2791.2	2690.9	2577.3
35°	3308.8	3363.6	3393.3	3385.9	3393.3	3363.6	3308.8	3229.8	3128.3	3010.1	2884.3
32.5°	3673.7	3740.1	3783.0	3789.6	3783.0	3740.1	3673.7	3587.1	3478.7	3348.0	3199.2
30°	4039.8	4111.5	4154.2	4158.3	4154.2	4111.5	4039.8	3941.1	3817.9	3675.4	3514.0
27.5°	4420.2	4500.5	4545.0	4555.8	4545.0	4500.5	4420.2	4302.9	4163.1	4001.1	3820.9
25°	4792.4	4881.5	4932.7	4952.3	4932.7	4881.5	4792.4	4663.0	4511.2	4332.9	4126.9
22.5°	5151.3	5249.0	5315.7	5332.7	5315.7	5249.0	5151.3	5016.9	4855.1	4668.3	4448.3
20°	5511.3	5626.6	5711.9	5720.3	5711.9	5626.6	5511.3	5359.6	5177.1	4973.5	4741.1
17.5°	5857.9	5982.6	6073.8	6096.2	6073.8	5982.6	5857.9	5693.0	5487.2	5261.4	5007.6
15°	6168.2	6299.0	6387.2	6406.6	6387.2	6299.0	6168.2	5996.8	5789.2	5543.4	5257.9
12.5°	6435.9	6556.6	6638.9	6670.4	6638.9	6556.6	6435.9	6264.6	6051.5	5787.3	5483.8
10°	6651.6	6744.8	6818.4	6851.6	6818.4	6744.8	6651.6	6480.9	6262.1	5988.2	5662.3
7.5°	6772.0	6848.7	6899.7	6918.0	6899.7	6848.7	6772.0	6636.3	6411.4	6122.6	5801.4
5°	6819.6	6893.1	6920.7	6936.8	6920.7	6893.1	6819.6	6678.5	6494.9	6233.2	5915.3
2.5°	6826.1	6885.0	6941.7	6979.0	6941.7	6885.0	6826.1	6720.4	6561.4	6313.8	5988.3
0°	6864.1	6921.6	6953.0	6970.9	6953.0	6921.6	6864.1	6769.0	6604.9	6362.6	6036.1
-2.5°	6826.1	6885.0	6941.7	6979.0	6941.7	6885.0	6826.1	6720.4	6561.4	6313.8	5988.3
-5°	6819.6	6893.1	6920.7	6936.8	6920.7	6893.1	6819.6	6678.5	6494.9	6233.2	5915.3
-7.5°	6772.0	6848.7	6899.7	6918.0	6899.7	6848.7	6772.0	6636.3	6411.4	6122.6	5801.4
-10°	6651.6	6744.8	6818.4	6851.6	6818.4	6744.8	6651.6	6480.9	6262.1	5988.2	5662.3
-12.5°	6435.9	6556.6	6638.9	6670.4	6638.9	6556.6	6435.9	6264.6	6051.5	5787.3	5483.8
-15°	6168.2	6299.0	6387.2	6406.6	6387.2	6299.0	6168.2	5996.8	5789.2	5543.4	5257.9
-17.5°	5857.9	5982.6	6073.8	6096.2	6073.8	5982.6	5857.9	5693.0	5487.2	5261.4	5007.6
-20°	5511.3	5626.6	5711.9	5720.3	5711.9	5626.6	5511.3	5359.6	5177.1	4973.5	4741.1



REPORT NUMBER: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	5151.3	5249.0	5315.7	5332.7	5315.7	5249.0	5151.3	5016.9	4855.1	4668.3	4448.3
-25°	4792.4	4881.5	4932.7	4952.3	4932.7	4881.5	4792.4	4663.0	4511.2	4332.9	4126.9
-27.5°	4420.2	4500.5	4545.0	4555.8	4545.0	4500.5	4420.2	4302.9	4163.1	4001.1	3820.9
-30°	4039.8	4111.5	4154.2	4158.3	4154.2	4111.5	4039.8	3941.1	3817.9	3675.4	3514.0
-32.5°	3673.7	3740.1	3783.0	3789.6	3783.0	3740.1	3673.7	3587.1	3478.7	3348.0	3199.2
-35°	3308.8	3363.6	3393.3	3385.9	3393.3	3363.6	3308.8	3229.8	3128.3	3010.1	2884.3
-37.5°	2940.3	2984.6	3007.4	3006.4	3007.4	2984.6	2940.3	2875.4	2791.2	2690.9	2577.3
-40°	2592.8	2635.9	2655.6	2643.0	2655.6	2635.9	2592.8	2532.4	2459.9	2374.2	2277.2
-42.5°	2253.6	2287.9	2311.1	2328.1	2311.1	2287.9	2253.6	2203.2	2145.0	2072.6	1987.5
-45°	1953.6	1989.4	2011.2	2015.0	2011.2	1989.4	1953.6	1908.8	1856.4	1790.2	1710.0
-47.5°	1655.2	1676.1	1691.5	1701.9	1691.5	1676.1	1655.2	1622.6	1576.1	1520.2	1459.7
-50°	1356.2	1373.3	1387.7	1398.7	1387.7	1373.3	1356.2	1327.9	1290.4	1248.1	1198.9
-52.5°	1076.4	1091.7	1106.3	1118.8	1106.3	1091.7	1076.4	1051.5	1018.6	983.9	937.7
-55°	830.7	853.7	866.7	870.2	866.7	853.7	830.7	799.4	760.0	717.5	663.1
-57.5°	561.8	583.5	602.8	617.2	602.8	583.5	561.8	532.9	496.7	455.6	408.6
-60°	316.1	326.1	330.6	331.1	330.6	326.1	316.1	303.9	290.0	275.5	258.6
-62.5°	211.1	214.2	217.5	219.8	217.5	214.2	211.1	206.5	200.3	193.5	187.5
-65°	148.0	148.9	149.5	149.8	149.5	148.9	148.0	146.6	144.4	143.6	142.5
-67.5°	122.5	123.8	124.1	123.8	124.1	123.8	122.5	120.8	118.8	116.4	113.6
-70°	97.7	98.9	98.4	96.9	98.4	98.9	97.7	96.6	96.2	95.8	94.0
-72.5°	55.6	47.0	41.0	35.0	41.0	47.0	55.6	64.0	72.3	78.2	77.3
-75°	37.6	27.5	26.9	26.9	26.9	27.5	37.6	47.5	57.1	64.4	63.7
-77.5°	28.7	20.8	20.1	19.7	20.1	20.8	28.7	36.2	43.2	48.7	48.5
-80°	17.0	13.5	13.9	14.4	13.9	13.5	17.0	20.4	23.6	26.5	28.5
-82.5°	10.2	8.1	8.5	9.0	8.5	8.1	10.2	12.3	14.2	15.9	16.8
-85°	4.0	3.6	3.6	3.6	3.6	3.6	4.0	4.4	4.8	5.1	5.0
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P558763 (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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.9	1.0	1.2	1.3
85°	4.9	4.7	4.6	4.9	5.2	5.4	5.5	4.8	4.2	3.7	3.3
82.5°	17.5	18.1	18.2	17.1	16.1	15.1	14.1	11.8	9.7	7.8	6.3
80°	30.3	31.8	32.8	31.8	30.5	28.8	26.4	21.6	17.4	13.9	11.8
77.5°	48.4	48.3	48.0	46.3	44.7	43.4	41.0	33.8	26.7	20.5	17.5
75°	63.0	62.4	61.3	59.2	56.8	54.1	50.8	45.9	39.7	32.2	27.0
72.5°	76.2	74.9	73.1	70.9	68.3	65.7	62.5	58.4	53.6	48.2	43.9
70°	92.0	89.9	87.5	84.9	82.2	79.3	76.1	72.1	67.1	61.7	58.7
67.5°	110.5	107.3	104.3	100.3	96.9	93.4	91.5	88.1	83.5	78.0	74.3
65°	138.8	132.1	127.8	127.5	124.2	117.3	110.5	107.2	103.5	97.3	90.8
62.5°	182.5	179.1	170.1	161.8	155.8	151.2	142.5	133.2	125.9	119.6	111.1
60°	239.0	216.9	207.7	197.7	186.4	175.3	167.9	158.8	148.1	139.6	130.9
57.5°	355.8	312.5	287.2	259.3	228.7	211.7	199.4	185.2	173.2	161.4	150.4
55°	596.2	533.7	467.0	389.8	317.6	285.4	249.7	221.5	204.1	184.2	171.1
52.5°	878.4	803.1	719.2	627.1	533.3	433.7	335.3	293.6	245.7	216.1	194.1
50°	1140.2	1061.8	979.1	888.6	776.7	655.3	536.8	418.6	322.1	267.0	223.0
47.5°	1388.1	1302.4	1210.6	1113.0	1009.9	895.2	756.5	611.0	474.2	336.8	276.9
45°	1628.7	1536.5	1433.6	1327.4	1216.8	1099.2	975.1	825.8	661.2	503.3	340.2
42.5°	1888.5	1777.1	1661.7	1543.0	1416.4	1291.3	1159.9	1019.9	862.0	680.6	504.0
40°	2164.2	2040.8	1909.1	1768.1	1627.6	1479.0	1337.4	1190.1	1036.4	865.0	666.0
37.5°	2446.9	2305.2	2162.0	2006.7	1846.6	1683.3	1517.9	1355.7	1191.6	1024.1	831.4
35°	2740.8	2584.3	2418.5	2248.9	2068.4	1890.7	1708.5	1524.2	1344.7	1165.8	981.6
32.5°	3037.4	2865.7	2680.1	2492.2	2297.0	2096.9	1899.4	1699.3	1494.3	1303.6	1110.7
30°	3336.4	3146.2	2944.0	2729.5	2516.8	2302.7	2085.3	1865.9	1646.3	1434.5	1234.5
27.5°	3630.0	3423.4	3203.4	2970.3	2726.9	2497.4	2263.7	2025.9	1789.4	1563.9	1349.2
25°	3919.5	3693.1	3449.2	3199.8	2944.6	2676.9	2428.7	2178.7	1929.9	1684.8	1453.0
22.5°	4207.9	3954.5	3686.2	3411.1	3143.4	2861.7	2584.6	2319.2	2059.6	1799.9	1554.5
20°	4484.1	4205.1	3915.7	3617.7	3321.4	3031.1	2732.9	2450.7	2176.5	1907.5	1648.8
17.5°	4728.1	4432.5	4128.2	3806.4	3490.0	3181.5	2873.0	2571.1	2282.3	2001.1	1734.2
15°	4953.5	4639.6	4316.1	3979.6	3643.3	3312.9	2994.1	2677.1	2377.2	2084.3	1810.0
12.5°	5158.0	4825.4	4486.2	4131.5	3778.6	3429.2	3097.1	2772.7	2460.1	2158.5	1873.9
10°	5325.1	4979.2	4626.8	4263.0	3895.4	3530.4	3182.5	2849.8	2526.9	2217.5	1927.1
7.5°	5460.9	5100.1	4734.1	4367.0	3988.4	3614.9	3253.7	2908.1	2579.1	2260.7	1969.1
5°	5566.8	5195.3	4816.3	4443.5	4055.5	3674.1	3306.8	2947.3	2615.7	2288.4	1999.2
2.5°	5639.4	5260.1	4867.4	4489.7	4099.0	3711.0	3346.4	2977.7	2641.7	2317.5	2025.6
0°	5683.5	5308.5	4905.7	4521.7	4138.6	3731.3	3373.3	2998.3	2652.9	2336.2	2039.2
-2.5°	5639.4	5260.1	4867.4	4489.7	4099.0	3711.0	3346.4	2977.7	2641.7	2317.5	2025.6
-5°	5566.8	5195.3	4816.3	4443.5	4055.5	3674.1	3306.8	2947.3	2615.7	2288.4	1999.2
-7.5°	5460.9	5100.1	4734.1	4367.0	3988.4	3614.9	3253.7	2908.1	2579.1	2260.7	1969.1
-10°	5325.1	4979.2	4626.8	4263.0	3895.4	3530.4	3182.5	2849.8	2526.9	2217.5	1927.1
-12.5°	5158.0	4825.4	4486.2	4131.5	3778.6	3429.2	3097.1	2772.7	2460.1	2158.5	1873.9
-15°	4953.5	4639.6	4316.1	3979.6	3643.3	3312.9	2994.1	2677.1	2377.2	2084.3	1810.0
-17.5°	4728.1	4432.5	4128.2	3806.4	3490.0	3181.5	2873.0	2571.1	2282.3	2001.1	1734.2
-20°	4484.1	4205.1	3915.7	3617.7	3321.4	3031.1	2732.9	2450.7	2176.5	1907.5	1648.8



REPORT NUMBER: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4207.9	3954.5	3686.2	3411.1	3143.4	2861.7	2584.6	2319.2	2059.6	1799.9	1554.5
-25°	3919.5	3693.1	3449.2	3199.8	2944.6	2676.9	2428.7	2178.7	1929.9	1684.8	1453.0
-27.5°	3630.0	3423.4	3203.4	2970.3	2726.9	2497.4	2263.7	2025.9	1789.4	1563.9	1349.2
-30°	3336.4	3146.2	2944.0	2729.5	2516.8	2302.7	2085.3	1865.9	1646.3	1434.5	1234.5
-32.5°	3037.4	2865.7	2680.1	2492.2	2297.0	2096.9	1899.4	1699.3	1494.3	1303.6	1110.7
-35°	2740.8	2584.3	2418.5	2248.9	2068.4	1890.7	1708.5	1524.2	1344.7	1165.8	981.6
-37.5°	2446.9	2305.2	2162.0	2006.7	1846.6	1683.3	1517.9	1355.7	1191.6	1024.1	831.4
-40°	2164.2	2040.8	1909.1	1768.1	1627.6	1479.0	1337.4	1190.1	1036.4	865.0	666.0
-42.5°	1888.5	1777.1	1661.7	1543.0	1416.4	1291.3	1159.9	1019.9	862.0	680.6	504.0
-45°	1628.7	1536.5	1433.6	1327.4	1216.8	1099.2	975.1	825.8	661.2	503.3	340.2
-47.5°	1388.1	1302.4	1210.6	1113.0	1009.9	895.2	756.5	611.0	474.2	336.8	276.9
-50°	1140.2	1061.8	979.1	888.6	776.7	655.3	536.8	418.6	322.1	267.0	223.0
-52.5°	878.4	803.1	719.2	627.1	533.3	433.7	335.3	293.6	245.7	216.1	194.1
-55°	596.2	533.7	467.0	389.8	317.6	285.4	249.7	221.5	204.1	184.2	171.1
-57.5°	355.8	312.5	287.2	259.3	228.7	211.7	199.4	185.2	173.2	161.4	150.4
-60°	239.0	216.9	207.7	197.7	186.4	175.3	167.9	158.8	148.1	139.6	130.9
-62.5°	182.5	179.1	170.1	161.8	155.8	151.2	142.5	133.2	125.9	119.6	111.1
-65°	138.8	132.1	127.8	127.5	124.2	117.3	110.5	107.2	103.5	97.3	90.8
-67.5°	110.5	107.3	104.3	100.3	96.9	93.4	91.5	88.1	83.5	78.0	74.3
-70°	92.0	89.9	87.5	84.9	82.2	79.3	76.1	72.1	67.1	61.7	58.7
-72.5°	76.2	74.9	73.1	70.9	68.3	65.7	62.5	58.4	53.6	48.2	43.9
-75°	63.0	62.4	61.3	59.2	56.8	54.1	50.8	45.9	39.7	32.2	27.0
-77.5°	48.4	48.3	48.0	46.3	44.7	43.4	41.0	33.8	26.7	20.5	17.5
-80°	30.3	31.8	32.8	31.8	30.5	28.8	26.4	21.6	17.4	13.9	11.8
-82.5°	17.5	18.1	18.2	17.1	16.1	15.1	14.1	11.8	9.7	7.8	6.3
-85°	4.9	4.7	4.6	4.9	5.2	5.4	5.5	4.8	4.2	3.7	3.3
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.9	1.0	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: P558763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-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°	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.8
85°	3.3	3.2	3.0	2.7	2.5	2.3	2.3	2.3	2.1	1.8	1.6
82.5°	6.4	6.4	6.5	6.4	6.3	6.1	5.7	5.1	4.0	2.9	2.4
80°	13.2	13.9	13.9	13.1	11.5	10.0	9.6	8.8	7.3	5.8	4.3
77.5°	20.1	22.0	23.2	22.7	20.3	17.9	15.6	13.2	10.6	8.6	6.8
75°	27.5	30.0	32.0	31.9	29.3	25.7	22.6	19.4	15.6	11.7	9.2
72.5°	41.7	40.7	41.0	41.2	38.9	35.5	30.9	25.6	21.2	16.7	12.1
70°	55.9	52.2	49.7	49.2	48.1	45.5	41.0	34.1	26.7	21.6	16.4
67.5°	70.9	67.1	62.4	58.2	56.6	54.4	50.9	42.8	34.2	26.5	20.7
65°	86.2	81.8	77.3	71.2	66.5	63.4	59.8	51.2	41.4	32.5	24.9
62.5°	103.0	95.8	90.0	83.4	77.0	72.3	68.5	59.1	48.4	38.3	29.4
60°	121.4	112.2	102.8	94.9	87.3	80.6	75.2	67.1	56.0	43.7	34.0
57.5°	140.1	128.8	117.1	106.7	97.8	89.4	81.6	73.8	63.6	50.4	38.0
55°	158.9	146.3	131.4	118.7	108.2	98.8	88.6	79.8	70.7	57.4	41.2
52.5°	177.0	162.7	146.9	131.0	118.1	107.6	96.3	85.8	76.2	64.3	45.9
50°	199.2	178.5	161.8	144.6	128.0	115.6	103.5	92.2	81.8	70.6	50.2
47.5°	224.9	198.7	176.6	157.9	139.9	123.5	110.7	98.3	87.2	75.6	54.0
45°	276.0	221.6	193.9	171.6	151.2	133.1	117.8	103.9	92.2	77.7	57.2
42.5°	334.5	264.4	214.2	185.1	163.3	142.7	124.8	110.1	96.9	79.1	59.0
40°	475.2	317.8	241.6	203.2	175.6	151.6	132.7	116.2	100.8	79.9	59.7
37.5°	619.7	416.9	289.7	220.7	188.5	162.5	140.2	122.1	102.5	80.8	59.9
35°	766.4	546.5	336.9	252.3	204.1	173.1	147.0	128.0	106.2	81.6	59.6
32.5°	905.6	671.7	445.2	294.2	219.1	183.3	155.0	133.8	111.0	82.5	58.8
30°	1025.0	793.2	552.4	334.2	239.9	196.0	163.9	139.4	116.7	83.2	57.9
27.5°	1133.6	906.7	653.2	411.6	274.4	208.2	172.3	144.6	123.2	85.3	58.1
25°	1233.6	1003.6	750.5	496.6	306.8	219.9	179.9	149.5	128.4	89.7	58.1
22.5°	1321.8	1089.8	839.6	574.0	336.0	231.2	188.0	155.8	132.3	94.4	58.0
20°	1401.1	1168.1	920.4	645.4	384.0	255.4	196.9	161.4	135.9	99.2	57.7
17.5°	1472.4	1236.3	988.5	713.2	441.4	276.7	205.0	166.3	139.1	104.0	57.1
15°	1541.9	1294.1	1046.2	773.2	491.9	295.2	212.2	170.5	141.9	108.7	56.8
12.5°	1600.4	1343.6	1094.9	825.0	535.4	310.9	218.6	174.0	144.4	112.9	56.5
10°	1647.2	1384.4	1134.6	868.3	571.5	323.6	224.0	176.6	146.2	116.3	55.3
7.5°	1682.6	1416.4	1165.1	902.9	600.1	334.1	227.5	178.2	147.7	119.1	53.6
5°	1708.1	1440.5	1187.4	928.5	620.7	342.7	229.7	178.9	148.8	121.1	51.3
2.5°	1729.2	1457.4	1201.4	944.9	633.3	348.6	230.7	179.0	149.6	122.1	48.7
0°	1739.6	1465.1	1206.7	951.9	637.9	351.7	230.6	178.5	149.8	122.0	45.8
-2.5°	1729.2	1457.4	1201.4	944.9	633.3	348.6	230.7	179.0	149.6	122.1	48.7
-5°	1708.1	1440.5	1187.4	928.5	620.7	342.7	229.7	178.9	148.8	121.1	51.3
-7.5°	1682.6	1416.4	1165.1	902.9	600.1	334.1	227.5	178.2	147.7	119.1	53.6
-10°	1647.2	1384.4	1134.6	868.3	571.5	323.6	224.0	176.6	146.2	116.3	55.3
-12.5°	1600.4	1343.6	1094.9	825.0	535.4	310.9	218.6	174.0	144.4	112.9	56.5
-15°	1541.9	1294.1	1046.2	773.2	491.9	295.2	212.2	170.5	141.9	108.7	56.8
-17.5°	1472.4	1236.3	988.5	713.2	441.4	276.7	205.0	166.3	139.1	104.0	57.1
-20°	1401.1	1168.1	920.4	645.4	384.0	255.4	196.9	161.4	135.9	99.2	57.7



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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°	1321.8	1089.8	839.6	574.0	336.0	231.2	188.0	155.8	132.3	94.4	58.0
-25°	1233.6	1003.6	750.5	496.6	306.8	219.9	179.9	149.5	128.4	89.7	58.1
-27.5°	1133.6	906.7	653.2	411.6	274.4	208.2	172.3	144.6	123.2	85.3	58.1
-30°	1025.0	793.2	552.4	334.2	239.9	196.0	163.9	139.4	116.7	83.2	57.9
-32.5°	905.6	671.7	445.2	294.2	219.1	183.3	155.0	133.8	111.0	82.5	58.8
-35°	766.4	546.5	336.9	252.3	204.1	173.1	147.0	128.0	106.2	81.6	59.6
-37.5°	619.7	416.9	289.7	220.7	188.5	162.5	140.2	122.1	102.5	80.8	59.9
-40°	475.2	317.8	241.6	203.2	175.6	151.6	132.7	116.2	100.8	79.9	59.7
-42.5°	334.5	264.4	214.2	185.1	163.3	142.7	124.8	110.1	96.9	79.1	59.0
-45°	276.0	221.6	193.9	171.6	151.2	133.1	117.8	103.9	92.2	77.7	57.2
-47.5°	224.9	198.7	176.6	157.9	139.9	123.5	110.7	98.3	87.2	75.6	54.0
-50°	199.2	178.5	161.8	144.6	128.0	115.6	103.5	92.2	81.8	70.6	50.2
-52.5°	177.0	162.7	146.9	131.0	118.1	107.6	96.3	85.8	76.2	64.3	45.9
-55°	158.9	146.3	131.4	118.7	108.2	98.8	88.6	79.8	70.7	57.4	41.2
-57.5°	140.1	128.8	117.1	106.7	97.8	89.4	81.6	73.8	63.6	50.4	38.0
-60°	121.4	112.2	102.8	94.9	87.3	80.6	75.2	67.1	56.0	43.7	34.0
-62.5°	103.0	95.8	90.0	83.4	77.0	72.3	68.5	59.1	48.4	38.3	29.4
-65°	86.2	81.8	77.3	71.2	66.5	63.4	59.8	51.2	41.4	32.5	24.9
-67.5°	70.9	67.1	62.4	58.2	56.6	54.4	50.9	42.8	34.2	26.5	20.7
-70°	55.9	52.2	49.7	49.2	48.1	45.5	41.0	34.1	26.7	21.6	16.4
-72.5°	41.7	40.7	41.0	41.2	38.9	35.5	30.9	25.6	21.2	16.7	12.1
-75°	27.5	30.0	32.0	31.9	29.3	25.7	22.6	19.4	15.6	11.7	9.2
-77.5°	20.1	22.0	23.2	22.7	20.3	17.9	15.6	13.2	10.6	8.6	6.8
-80°	13.2	13.9	13.9	13.1	11.5	10.0	9.6	8.8	7.3	5.8	4.3
-82.5°	6.4	6.4	6.5	6.4	6.3	6.1	5.7	5.1	4.0	2.9	2.4
-85°	3.3	3.2	3.0	2.7	2.5	2.3	2.3	2.3	2.1	1.8	1.6
-87.5°	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.1	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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**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	0.9	0.7	0.5	0.2	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.9	2.3	1.9	1.4	0.9	0.5	0.0
77.5°	5.0	3.2	2.3	1.7	1.2	0.6	0.0
75°	6.9	4.6	2.9	2.1	1.4	0.7	0.0
72.5°	8.8	6.0	3.8	2.4	1.6	0.8	0.0
70°	10.9	7.3	4.7	2.8	1.8	0.9	0.0
67.5°	14.1	8.6	5.6	3.3	2.1	1.0	0.0
65°	17.2	10.3	6.4	3.9	2.3	1.1	0.0
62.5°	20.1	12.3	7.2	4.4	2.5	1.2	0.0
60°	22.7	14.2	7.9	4.8	2.7	1.3	0.0
57.5°	25.4	15.9	9.0	5.3	3.0	1.5	0.0
55°	27.7	17.3	10.0	5.7	3.2	1.5	0.0
52.5°	29.8	18.7	10.9	6.0	3.5	1.6	0.0
50°	31.5	19.9	11.7	6.3	3.7	1.7	0.0
47.5°	33.1	20.9	12.3	6.7	4.0	1.8	0.0
45°	35.7	21.7	12.8	7.0	4.2	1.9	0.0
42.5°	37.9	22.2	13.2	7.3	4.4	2.0	0.0
40°	39.7	22.4	13.4	7.6	4.6	2.1	0.0
37.5°	41.0	22.4	13.5	8.0	4.8	2.1	0.0
35°	41.9	22.9	13.5	8.3	5.0	2.2	0.0
32.5°	42.1	23.5	13.3	8.7	5.2	2.3	0.0
30°	41.3	23.8	12.9	9.0	5.3	2.3	0.0
27.5°	40.2	23.8	13.3	9.3	5.5	2.4	0.0
25°	38.7	23.5	13.7	9.5	5.6	2.4	0.0
22.5°	37.0	23.5	14.0	9.8	5.8	2.5	0.0
20°	34.9	24.6	14.4	10.0	5.9	2.5	0.0
17.5°	34.6	25.6	14.7	10.2	6.0	2.6	0.0
15°	35.3	26.4	15.0	10.3	6.1	2.6	0.0
12.5°	35.9	27.1	15.3	10.5	6.1	2.6	0.0
10°	36.4	27.7	15.5	10.6	6.2	2.7	0.0
7.5°	36.9	28.1	15.7	10.7	6.2	2.7	0.0
5°	37.3	28.5	15.9	10.7	6.3	2.7	0.0
2.5°	37.5	28.6	16.0	10.8	6.3	2.7	0.0
0°	37.7	28.7	16.1	10.8	6.3	2.7	0.0
-2.5°	37.5	28.6	16.0	10.8	6.3	2.7	0.0
-5°	37.3	28.5	15.9	10.7	6.3	2.7	0.0
-7.5°	36.9	28.1	15.7	10.7	6.2	2.7	0.0
-10°	36.4	27.7	15.5	10.6	6.2	2.7	0.0
-12.5°	35.9	27.1	15.3	10.5	6.1	2.6	0.0
-15°	35.3	26.4	15.0	10.3	6.1	2.6	0.0
-17.5°	34.6	25.6	14.7	10.2	6.0	2.6	0.0
-20°	34.9	24.6	14.4	10.0	5.9	2.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.0	23.5	14.0	9.8	5.8	2.5	0.0
-25°	38.7	23.5	13.7	9.5	5.6	2.4	0.0
-27.5°	40.2	23.8	13.3	9.3	5.5	2.4	0.0
-30°	41.3	23.8	12.9	9.0	5.3	2.3	0.0
-32.5°	42.1	23.5	13.3	8.7	5.2	2.3	0.0
-35°	41.9	22.9	13.5	8.3	5.0	2.2	0.0
-37.5°	41.0	22.4	13.5	8.0	4.8	2.1	0.0
-40°	39.7	22.4	13.4	7.6	4.6	2.1	0.0
-42.5°	37.9	22.2	13.2	7.3	4.4	2.0	0.0
-45°	35.7	21.7	12.8	7.0	4.2	1.9	0.0
-47.5°	33.1	20.9	12.3	6.7	4.0	1.8	0.0
-50°	31.5	19.9	11.7	6.3	3.7	1.7	0.0
-52.5°	29.8	18.7	10.9	6.0	3.5	1.6	0.0
-55°	27.7	17.3	10.0	5.7	3.2	1.5	0.0
-57.5°	25.4	15.9	9.0	5.3	3.0	1.5	0.0
-60°	22.7	14.2	7.9	4.8	2.7	1.3	0.0
-62.5°	20.1	12.3	7.2	4.4	2.5	1.2	0.0
-65°	17.2	10.3	6.4	3.9	2.3	1.1	0.0
-67.5°	14.1	8.6	5.6	3.3	2.1	1.0	0.0
-70°	10.9	7.3	4.7	2.8	1.8	0.9	0.0
-72.5°	8.8	6.0	3.8	2.4	1.6	0.8	0.0
-75°	6.9	4.6	2.9	2.1	1.4	0.7	0.0
-77.5°	5.0	3.2	2.3	1.7	1.2	0.6	0.0
-80°	2.9	2.3	1.9	1.4	0.9	0.5	0.0
-82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-85°	1.4	1.2	0.9	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)