

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: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558539 (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-SA1C-930-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

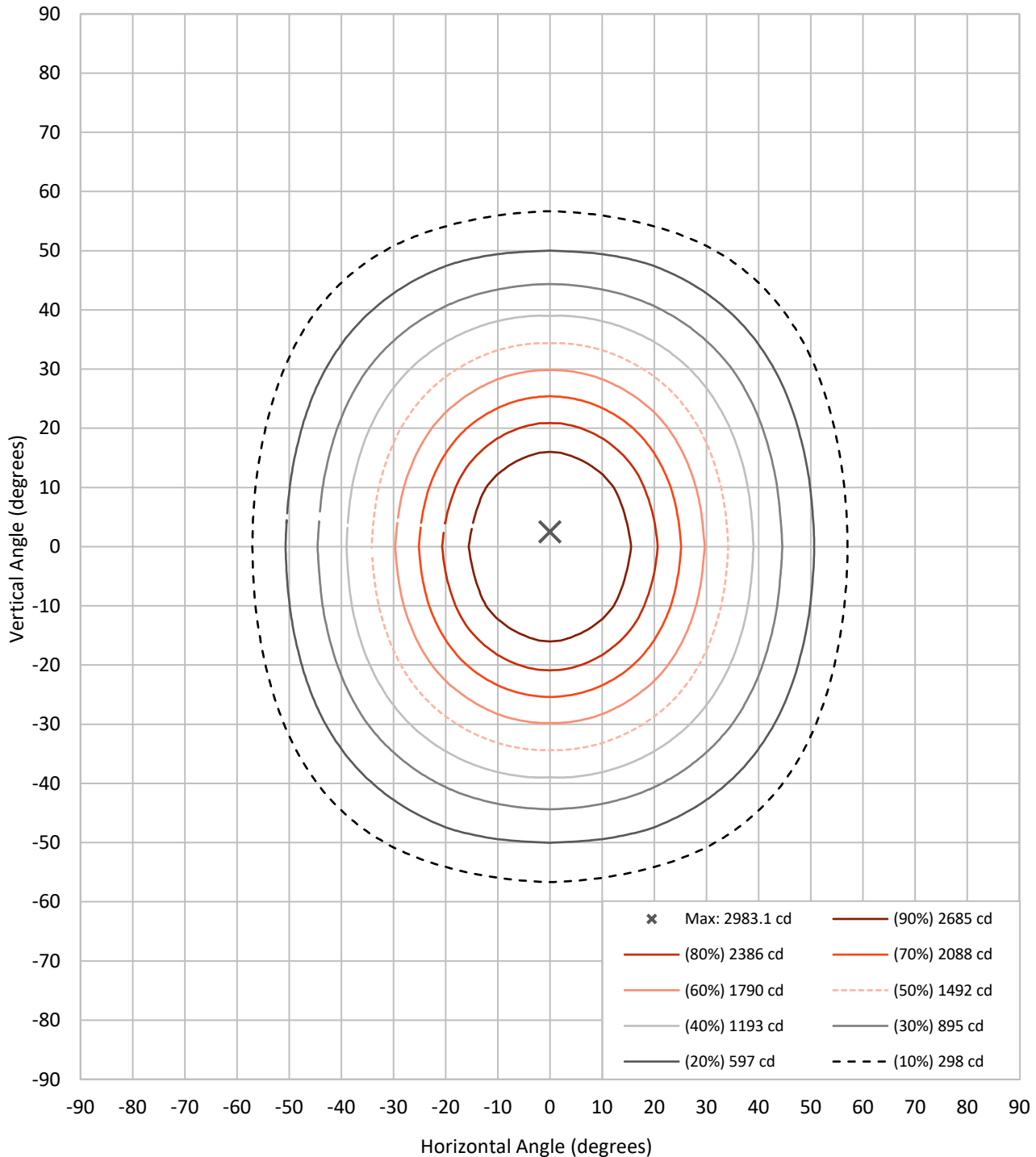
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4037.3 lumens	Max Intensity:	2983.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	91.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	2420.7 lumens	Field Lumens:	3856.7 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 44  
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





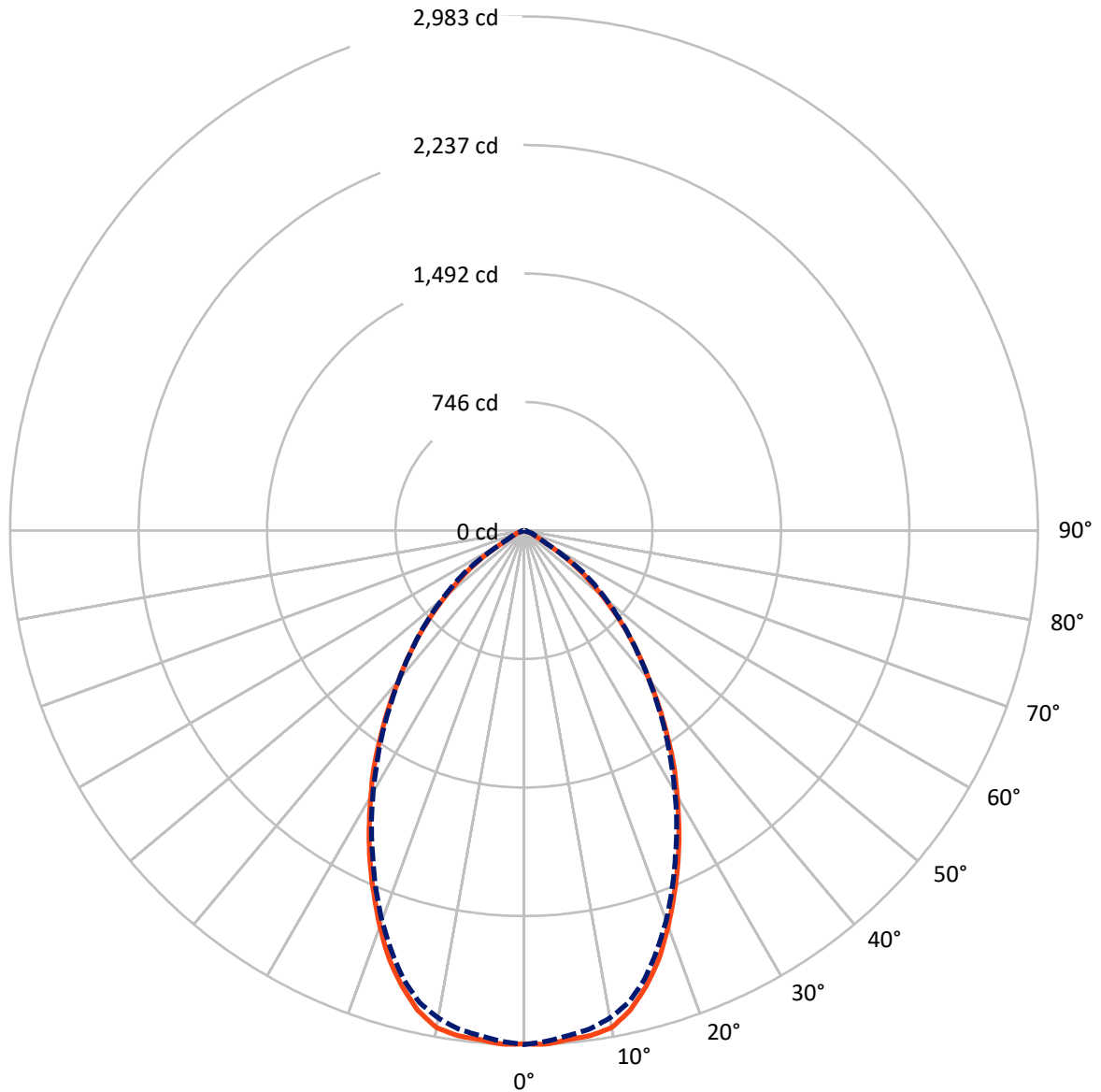
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### Lumen Table

90																			
80	0.0	0.4	1.0	1.7	1.2	1.7	1.0	0.4	0.0										
70																			
60	0.2	0.3	0.5	0.9	1.2	1.6	2.0	2.3	2.3	2.0	1.6	1.2	0.9	0.5	0.3	0.2			
50		0.4	0.9	1.6	3.1	6.1	9.1	10.9	10.9	9.1	6.1	3.1	1.6	0.9	0.4				
40	0.3	0.6	1.3	3.9	10.2	16.9	22.5	25.7	25.7	22.5	16.9	10.2	3.9	1.3	0.6	0.3			
30		0.7	2.3	8.9	18.3	28.5	37.8	43.4	43.4	37.8	28.5	18.3	8.9	2.3	0.7				
20	0.3	0.9	4.1	13.5	25.9	40.6	54.2	62.8	62.8	54.2	40.6	25.9	13.5	4.1	0.9	0.3			
10		1.0	5.9	16.8	31.9	50.7	69.0	80.6	80.6	69.0	50.7	31.9	16.8	5.9	1.0				
0	0.4	1.1	6.9	18.5	35.3	56.6	77.6	88.7	88.7	77.6	56.6	35.3	18.5	6.9	1.1	0.4			
-10		1.1	6.9	18.5	35.3	56.6	77.6	88.7	88.7	77.6	56.6	35.3	18.5	6.9	1.1				
-20	0.3	1.0	5.9	16.8	31.9	50.7	69.0	80.6	80.6	69.0	50.7	31.9	16.8	5.9	1.0	0.3			
-30		0.9	4.1	13.5	25.9	40.6	54.2	62.8	62.8	54.2	40.6	25.9	13.5	4.1	0.9				
-40	0.3	0.7	2.3	8.9	18.3	28.5	37.8	43.4	43.4	37.8	28.5	18.3	8.9	2.3	0.7	0.3			
-50		0.6	1.3	3.9	10.2	16.9	22.5	25.7	25.7	22.5	16.9	10.2	3.9	1.3	0.6				
-60	0.2	0.4	0.9	1.6	3.1	6.1	9.1	10.9	10.9	9.1	6.1	3.1	1.6	0.9	0.4	0.2			
-70		0.3	0.5	0.9	1.2	1.6	2.0	2.3	2.3	2.0	1.6	1.2	0.9	0.5	0.3				
-80	0.0	0.4	1.0	1.7	1.2	1.7	1.0	0.4	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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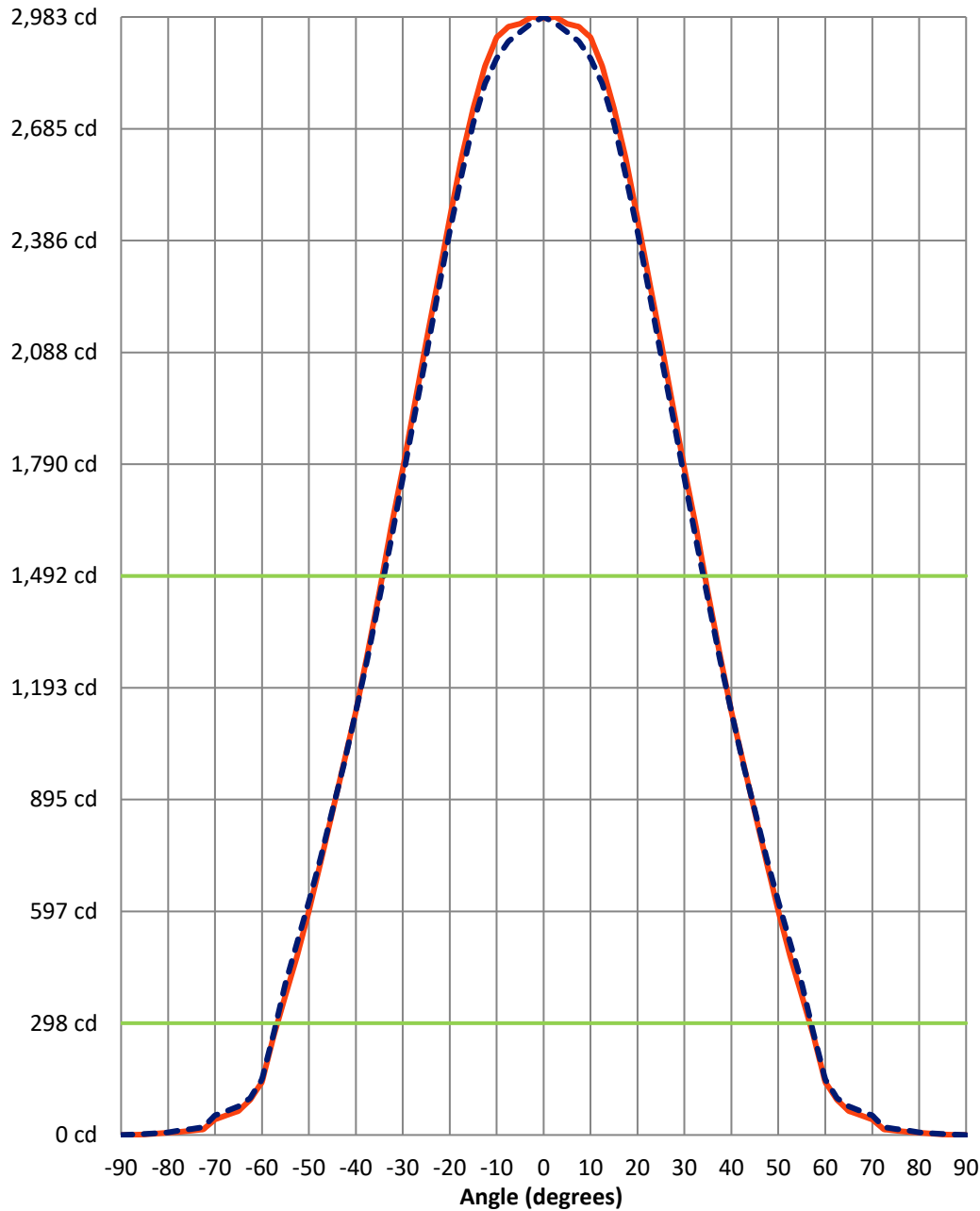
### Luminous Intensity Polar Plot



— 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: 2420.7  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 3856.7  
Efficiency: 95.5%

**Spill:**  
Lumens: 180.6  
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	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.7	2.2
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.9	2.5	3.1	3.8
77.5°	0.0	0.3	0.5	0.8	1.0	1.4	2.1	2.9	3.7	4.5	5.6
75°	0.0	0.3	0.6	0.9	1.3	2.0	3.0	3.9	5.0	6.7	8.3
72.5°	0.0	0.4	0.7	1.1	1.7	2.6	3.8	5.2	7.1	9.0	10.9
70°	0.0	0.4	0.8	1.2	2.0	3.1	4.6	7.0	9.2	11.4	14.6
67.5°	0.0	0.5	0.9	1.5	2.4	3.7	6.0	8.8	11.3	14.6	18.3
65°	0.0	0.5	1.0	1.7	2.8	4.4	7.4	10.6	13.9	17.7	21.9
62.5°	0.0	0.6	1.1	1.9	3.1	5.3	8.6	12.6	16.3	20.7	25.3
60°	0.0	0.6	1.2	2.1	3.4	6.0	9.7	14.5	18.7	23.9	28.7
57.5°	0.0	0.6	1.3	2.3	3.9	6.8	10.8	16.2	21.5	27.1	31.5
55°	0.0	0.7	1.4	2.4	4.3	7.4	11.8	17.6	24.5	30.2	34.1
52.5°	0.0	0.7	1.5	2.6	4.7	8.0	12.7	19.6	27.5	32.6	36.7
50°	0.0	0.8	1.6	2.7	5.0	8.5	13.4	21.4	30.2	35.0	39.4
47.5°	0.0	0.8	1.7	2.9	5.2	8.9	14.1	23.1	32.3	37.3	42.0
45°	0.0	0.8	1.8	3.0	5.5	9.2	15.2	24.4	33.2	39.4	44.4
42.5°	0.0	0.9	1.9	3.1	5.6	9.4	16.2	25.2	33.8	41.4	47.1
40°	0.0	0.9	2.0	3.3	5.7	9.5	17.0	25.5	34.2	43.1	49.7
37.5°	0.0	1.0	2.1	3.4	5.8	9.5	17.5	25.6	34.5	43.8	52.2
35°	0.0	1.0	2.2	3.6	5.7	9.8	17.9	25.5	34.9	45.4	54.7
32.5°	0.0	1.0	2.2	3.7	5.7	10.0	18.0	25.1	35.2	47.5	57.2
30°	0.0	1.0	2.3	3.8	5.5	10.2	17.7	24.7	35.6	49.9	59.6
27.5°	0.0	1.1	2.4	4.0	5.6	10.2	17.2	24.8	36.5	52.7	61.8
25°	0.0	1.1	2.4	4.1	5.8	10.1	16.6	24.8	38.3	54.9	63.9
22.5°	0.0	1.1	2.5	4.2	6.0	10.1	15.8	24.8	40.3	56.6	66.6
20°	0.0	1.1	2.5	4.3	6.1	10.5	14.9	24.6	42.4	58.1	69.0
17.5°	0.0	1.1	2.6	4.3	6.3	11.0	14.8	24.4	44.5	59.5	71.1
15°	0.0	1.2	2.6	4.4	6.4	11.3	15.1	24.3	46.5	60.7	72.9
12.5°	0.0	1.2	2.6	4.5	6.5	11.6	15.3	24.1	48.3	61.7	74.4
10°	0.0	1.2	2.7	4.5	6.6	11.9	15.6	23.7	49.8	62.5	75.5
7.5°	0.0	1.2	2.7	4.6	6.7	12.1	15.7	22.9	50.9	63.1	76.1
5°	0.0	1.2	2.7	4.6	6.8	12.2	15.9	21.9	51.8	63.6	76.5
2.5°	0.0	1.2	2.7	4.6	6.8	12.2	15.9	21.9	51.8	63.6	76.5
0°	0.0	1.2	2.7	4.6	6.9	12.3	16.1	19.6	52.2	64.0	76.3
-2.5°	0.0	1.2	2.7	4.6	6.9	12.3	16.0	20.8	52.2	63.9	76.5
-5°	0.0	1.2	2.7	4.6	6.8	12.2	15.9	21.9	51.8	63.6	76.5
-7.5°	0.0	1.2	2.7	4.6	6.7	12.1	15.7	22.9	50.9	63.1	76.1
-10°	0.0	1.2	2.7	4.5	6.6	11.9	15.6	23.7	49.8	62.5	75.5
-12.5°	0.0	1.2	2.6	4.5	6.5	11.6	15.3	24.1	48.3	61.7	74.4
-15°	0.0	1.2	2.6	4.4	6.4	11.3	15.1	24.3	46.5	60.7	72.9
-17.5°	0.0	1.1	2.6	4.3	6.3	11.0	14.8	24.4	44.5	59.5	71.1
-20°	0.0	1.1	2.5	4.3	6.1	10.5	14.9	24.6	42.4	58.1	69.0



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 CATALOG NUMBER: GFLD-SA1C-930-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	1.1	2.5	4.2	6.0	10.1	15.8	24.8	40.3	56.6	66.6
-25°	0.0	1.1	2.4	4.1	5.8	10.1	16.6	24.8	38.3	54.9	63.9
-27.5°	0.0	1.1	2.4	4.0	5.6	10.2	17.2	24.8	36.5	52.7	61.8
-30°	0.0	1.0	2.3	3.8	5.5	10.2	17.7	24.7	35.6	49.9	59.6
-32.5°	0.0	1.0	2.2	3.7	5.7	10.0	18.0	25.1	35.2	47.5	57.2
-35°	0.0	1.0	2.2	3.6	5.7	9.8	17.9	25.5	34.9	45.4	54.7
-37.5°	0.0	1.0	2.1	3.4	5.8	9.5	17.5	25.6	34.5	43.8	52.2
-40°	0.0	0.9	2.0	3.3	5.7	9.5	17.0	25.5	34.2	43.1	49.7
-42.5°	0.0	0.9	1.9	3.1	5.6	9.4	16.2	25.2	33.8	41.4	47.1
-45°	0.0	0.8	1.8	3.0	5.5	9.2	15.2	24.4	33.2	39.4	44.4
-47.5°	0.0	0.8	1.7	2.9	5.2	8.9	14.1	23.1	32.3	37.3	42.0
-50°	0.0	0.8	1.6	2.7	5.0	8.5	13.4	21.4	30.2	35.0	39.4
-52.5°	0.0	0.7	1.5	2.6	4.7	8.0	12.7	19.6	27.5	32.6	36.7
-55°	0.0	0.7	1.4	2.4	4.3	7.4	11.8	17.6	24.5	30.2	34.1
-57.5°	0.0	0.6	1.3	2.3	3.9	6.8	10.8	16.2	21.5	27.1	31.5
-60°	0.0	0.6	1.2	2.1	3.4	6.0	9.7	14.5	18.7	23.9	28.7
-62.5°	0.0	0.6	1.1	1.9	3.1	5.3	8.6	12.6	16.3	20.7	25.3
-65°	0.0	0.5	1.0	1.7	2.8	4.4	7.4	10.6	13.9	17.7	21.9
-67.5°	0.0	0.5	0.9	1.5	2.4	3.7	6.0	8.8	11.3	14.6	18.3
-70°	0.0	0.4	0.8	1.2	2.0	3.1	4.6	7.0	9.2	11.4	14.6
-72.5°	0.0	0.4	0.7	1.1	1.7	2.6	3.8	5.2	7.1	9.0	10.9
-75°	0.0	0.3	0.6	0.9	1.3	2.0	3.0	3.9	5.0	6.7	8.3
-77.5°	0.0	0.3	0.5	0.8	1.0	1.4	2.1	2.9	3.7	4.5	5.6
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.9	2.5	3.1	3.8
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.7	2.2
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-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-SA1C-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.4
85°	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.4	1.6	1.8	2.1
82.5°	2.5	2.6	2.7	2.8	2.8	2.8	2.7	2.7	3.3	4.2	5.1
80°	4.1	4.3	4.9	5.6	6.0	6.0	5.6	5.0	6.0	7.5	9.2
77.5°	6.7	7.6	8.7	9.7	9.9	9.4	8.6	7.5	8.8	11.4	14.4
75°	9.7	11.0	12.5	13.6	13.7	12.8	11.8	11.5	13.8	17.0	19.6
72.5°	13.2	15.2	16.7	17.6	17.5	17.4	17.8	18.8	20.6	22.9	25.0
70°	17.5	19.5	20.6	21.0	21.2	22.3	23.9	25.1	26.4	28.7	30.8
67.5°	21.8	23.3	24.2	24.8	26.7	28.7	30.3	31.7	33.4	35.7	37.7
65°	25.6	27.1	28.4	30.4	33.1	35.0	36.9	38.8	41.6	44.3	45.8
62.5°	29.3	30.9	32.9	35.7	38.5	41.0	44.0	47.5	51.1	53.8	56.9
60°	32.1	34.4	37.3	40.6	44.0	48.0	51.9	56.0	59.7	63.4	67.9
57.5°	34.9	38.2	41.8	45.6	50.1	55.1	59.9	64.3	69.0	74.0	79.2
55°	37.8	42.2	46.3	50.8	56.2	62.5	67.9	73.1	78.7	87.2	94.7
52.5°	41.2	46.0	50.5	56.0	62.8	69.6	75.7	83.0	92.3	105.0	125.5
50°	44.3	49.4	54.7	61.8	69.2	76.3	85.2	95.3	114.1	137.7	178.9
47.5°	47.3	52.8	59.8	67.5	75.5	84.9	96.1	118.3	144.0	202.7	261.2
45°	50.4	56.9	64.7	73.4	82.9	94.7	118.0	145.4	215.1	282.6	353.0
42.5°	53.4	61.0	69.8	79.1	91.6	113.0	142.9	215.4	290.9	368.5	436.0
40°	56.8	64.8	75.1	86.8	103.3	135.8	203.1	284.7	369.8	443.0	508.7
37.5°	60.0	69.5	80.6	94.3	123.8	178.2	264.9	355.4	437.8	509.3	579.5
35°	62.9	74.0	87.3	107.8	144.0	233.6	327.6	419.6	498.3	574.7	651.5
32.5°	66.3	78.3	93.7	125.7	190.3	287.1	387.1	474.7	557.2	638.7	726.3
30°	70.1	83.8	102.6	142.8	236.1	339.0	438.1	527.6	613.1	703.7	797.6
27.5°	73.6	89.0	117.3	175.9	279.2	387.6	484.5	576.7	668.5	764.9	866.0
25°	76.9	94.0	131.1	212.3	320.8	428.9	527.2	621.0	720.1	824.9	931.3
22.5°	80.4	98.8	143.6	245.3	358.9	465.8	565.0	664.4	769.3	880.4	991.3
20°	84.1	109.2	164.1	275.9	393.4	499.3	598.8	704.7	815.4	930.3	1047.5
17.5°	87.6	118.3	188.6	304.9	422.5	528.4	629.3	741.3	855.4	975.5	1099.0
15°	90.7	126.2	210.3	330.5	447.2	553.1	659.0	773.7	890.9	1016.1	1144.3
12.5°	93.4	132.9	228.8	352.6	468.0	574.3	684.1	801.0	922.6	1051.5	1185.2
10°	95.7	138.3	244.3	371.2	484.9	591.7	704.1	823.7	947.8	1080.1	1218.1
7.5°	97.2	142.8	256.5	386.0	498.0	605.4	719.3	841.6	966.3	1102.4	1243.0
5°	98.2	146.5	265.3	396.9	507.5	615.7	730.1	854.5	978.1	1118.0	1259.8
2.5°	98.6	149.0	270.7	403.9	513.5	622.9	739.2	865.8	990.6	1129.1	1272.8
0°	98.6	150.3	272.7	406.9	515.8	626.2	743.6	871.6	998.6	1133.9	1281.6
-2.5°	98.6	149.0	270.7	403.9	513.5	622.9	739.2	865.8	990.6	1129.1	1272.8
-5°	98.2	146.5	265.3	396.9	507.5	615.7	730.1	854.5	978.1	1118.0	1259.8
-7.5°	97.2	142.8	256.5	386.0	498.0	605.4	719.3	841.6	966.3	1102.4	1243.0
-10°	95.7	138.3	244.3	371.2	484.9	591.7	704.1	823.7	947.8	1080.1	1218.1
-12.5°	93.4	132.9	228.8	352.6	468.0	574.3	684.1	801.0	922.6	1051.5	1185.2
-15°	90.7	126.2	210.3	330.5	447.2	553.1	659.0	773.7	890.9	1016.1	1144.3
-17.5°	87.6	118.3	188.6	304.9	422.5	528.4	629.3	741.3	855.4	975.5	1099.0
-20°	84.1	109.2	164.1	275.9	393.4	499.3	598.8	704.7	815.4	930.3	1047.5



REPORT NUMBER: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	80.4	98.8	143.6	245.3	358.9	465.8	565.0	664.4	769.3	880.4	991.3
-25°	76.9	94.0	131.1	212.3	320.8	428.9	527.2	621.0	720.1	824.9	931.3
-27.5°	73.6	89.0	117.3	175.9	279.2	387.6	484.5	576.7	668.5	764.9	866.0
-30°	70.1	83.8	102.6	142.8	236.1	339.0	438.1	527.6	613.1	703.7	797.6
-32.5°	66.3	78.3	93.7	125.7	190.3	287.1	387.1	474.7	557.2	638.7	726.3
-35°	62.9	74.0	87.3	107.8	144.0	233.6	327.6	419.6	498.3	574.7	651.5
-37.5°	60.0	69.5	80.6	94.3	123.8	178.2	264.9	355.4	437.8	509.3	579.5
-40°	56.8	64.8	75.1	86.8	103.3	135.8	203.1	284.7	369.8	443.0	508.7
-42.5°	53.4	61.0	69.8	79.1	91.6	113.0	142.9	215.4	290.9	368.5	436.0
-45°	50.4	56.9	64.7	73.4	82.9	94.7	118.0	145.4	215.1	282.6	353.0
-47.5°	47.3	52.8	59.8	67.5	75.5	84.9	96.1	118.3	144.0	202.7	261.2
-50°	44.3	49.4	54.7	61.8	69.2	76.3	85.2	95.3	114.1	137.7	178.9
-52.5°	41.2	46.0	50.5	56.0	62.8	69.6	75.7	83.0	92.3	105.0	125.5
-55°	37.8	42.2	46.3	50.8	56.2	62.5	67.9	73.1	78.7	87.2	94.7
-57.5°	34.9	38.2	41.8	45.6	50.1	55.1	59.9	64.3	69.0	74.0	79.2
-60°	32.1	34.4	37.3	40.6	44.0	48.0	51.9	56.0	59.7	63.4	67.9
-62.5°	29.3	30.9	32.9	35.7	38.5	41.0	44.0	47.5	51.1	53.8	56.9
-65°	25.6	27.1	28.4	30.4	33.1	35.0	36.9	38.8	41.6	44.3	45.8
-67.5°	21.8	23.3	24.2	24.8	26.7	28.7	30.3	31.7	33.4	35.7	37.7
-70°	17.5	19.5	20.6	21.0	21.2	22.3	23.9	25.1	26.4	28.7	30.8
-72.5°	13.2	15.2	16.7	17.6	17.5	17.4	17.8	18.8	20.6	22.9	25.0
-75°	9.7	11.0	12.5	13.6	13.7	12.8	11.8	11.5	13.8	17.0	19.6
-77.5°	6.7	7.6	8.7	9.7	9.9	9.4	8.6	7.5	8.8	11.4	14.4
-80°	4.1	4.3	4.9	5.6	6.0	6.0	5.6	5.0	6.0	7.5	9.2
-82.5°	2.5	2.6	2.7	2.8	2.8	2.8	2.7	2.7	3.3	4.2	5.1
-85°	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.4	1.6	1.8	2.1
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	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: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	2.4	2.3	2.2	2.1	2.0	2.0	2.1	2.1	2.2	2.0	1.9
82.5°	6.0	6.5	6.9	7.3	7.8	7.7	7.5	7.2	6.8	6.1	5.3
80°	11.3	12.3	13.0	13.6	14.1	13.6	13.0	12.2	11.4	10.1	8.7
77.5°	17.5	18.5	19.1	19.8	20.5	20.7	20.7	20.8	20.8	18.5	15.5
75°	21.7	23.1	24.3	25.3	26.2	26.7	26.9	27.2	27.5	24.4	20.3
72.5°	26.7	28.1	29.2	30.3	31.2	32.0	32.6	33.1	33.4	30.9	27.3
70°	32.5	33.9	35.1	36.3	37.4	38.4	39.3	40.2	40.9	41.1	41.3
67.5°	39.1	39.9	41.4	42.8	44.6	45.8	47.2	48.5	49.7	50.8	51.6
65°	47.2	50.1	53.1	54.5	54.7	56.5	59.3	60.9	61.4	61.7	62.6
62.5°	60.9	64.6	66.6	69.2	72.7	76.6	78.0	80.2	82.7	85.7	88.3
60°	71.8	75.0	79.7	84.5	88.8	92.7	102.2	110.6	117.8	124.0	129.9
57.5°	85.2	90.5	97.8	110.8	122.8	133.6	152.1	174.6	194.8	212.4	227.8
55°	106.7	122.0	135.8	166.6	199.6	228.1	254.9	283.4	306.7	324.9	341.7
52.5°	143.3	185.4	228.0	268.0	307.4	343.3	375.5	400.8	420.6	435.4	449.4
50°	229.5	280.1	332.0	379.8	418.5	453.9	487.4	512.5	533.5	551.6	567.6
47.5°	323.4	382.6	431.7	475.8	517.5	556.7	593.3	623.9	649.8	673.7	693.6
45°	416.8	469.8	520.1	567.4	612.7	656.7	696.1	730.9	765.2	793.5	815.9
42.5°	495.8	552.0	605.4	659.5	710.3	759.6	807.2	849.5	885.9	916.8	941.7
40°	571.7	632.2	695.7	755.8	816.0	872.3	925.1	973.3	1014.8	1051.4	1082.4
37.5°	648.8	719.5	789.3	857.8	924.2	985.4	1045.9	1101.6	1150.2	1193.1	1229.0
35°	730.3	808.2	884.2	961.3	1033.8	1104.6	1171.6	1232.9	1286.7	1337.2	1380.5
32.5°	811.9	896.3	981.8	1065.3	1145.6	1224.9	1298.3	1367.5	1431.0	1486.9	1533.3
30°	891.3	984.3	1075.8	1166.7	1258.4	1344.8	1426.1	1502.0	1571.0	1631.9	1684.5
27.5°	967.6	1067.5	1165.6	1269.6	1369.2	1463.3	1551.6	1633.2	1710.2	1779.5	1839.2
25°	1038.1	1144.2	1258.6	1367.7	1474.3	1578.5	1675.3	1764.0	1852.0	1928.2	1993.1
22.5°	1104.8	1223.2	1343.6	1458.0	1575.6	1690.3	1798.6	1901.4	1995.4	2075.3	2144.5
20°	1168.2	1295.6	1419.7	1546.4	1673.7	1797.4	1916.7	2026.5	2125.9	2212.9	2290.9
17.5°	1228.0	1359.9	1491.8	1627.0	1764.5	1894.6	2021.0	2140.5	2249.0	2345.4	2433.4
15°	1279.8	1416.1	1557.3	1701.0	1844.9	1983.1	2117.3	2247.4	2369.5	2474.5	2563.2
12.5°	1323.8	1465.7	1615.1	1765.9	1917.6	2062.6	2204.7	2344.0	2473.7	2586.7	2677.7
10°	1360.3	1509.0	1665.0	1822.1	1977.7	2128.3	2276.2	2420.3	2559.6	2676.7	2770.2
7.5°	1390.7	1545.1	1704.8	1866.6	2023.6	2180.0	2334.2	2479.7	2617.0	2740.5	2836.6
5°	1413.5	1570.5	1733.5	1899.3	2058.7	2220.7	2379.5	2528.4	2664.3	2776.2	2854.6
2.5°	1430.4	1586.2	1752.1	1919.0	2080.5	2248.3	2410.5	2559.7	2698.7	2804.6	2872.6
0°	1441.9	1594.9	1769.0	1932.7	2096.9	2269.0	2429.3	2580.0	2719.6	2823.2	2893.3
-2.5°	1430.4	1586.2	1752.1	1919.0	2080.5	2248.3	2410.5	2559.7	2698.7	2804.6	2872.6
-5°	1413.5	1570.5	1733.5	1899.3	2058.7	2220.7	2379.5	2528.4	2664.3	2776.2	2854.6
-7.5°	1390.7	1545.1	1704.8	1866.6	2023.6	2180.0	2334.2	2479.7	2617.0	2740.5	2836.6
-10°	1360.3	1509.0	1665.0	1822.1	1977.7	2128.3	2276.2	2420.3	2559.6	2676.7	2770.2
-12.5°	1323.8	1465.7	1615.1	1765.9	1917.6	2062.6	2204.7	2344.0	2473.7	2586.7	2677.7
-15°	1279.8	1416.1	1557.3	1701.0	1844.9	1983.1	2117.3	2247.4	2369.5	2474.5	2563.2
-17.5°	1228.0	1359.9	1491.8	1627.0	1764.5	1894.6	2021.0	2140.5	2249.0	2345.4	2433.4
-20°	1168.2	1295.6	1419.7	1546.4	1673.7	1797.4	1916.7	2026.5	2125.9	2212.9	2290.9



REPORT NUMBER: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	1104.8	1223.2	1343.6	1458.0	1575.6	1690.3	1798.6	1901.4	1995.4	2075.3	2144.5
-25°	1038.1	1144.2	1258.6	1367.7	1474.3	1578.5	1675.3	1764.0	1852.0	1928.2	1993.1
-27.5°	967.6	1067.5	1165.6	1269.6	1369.2	1463.3	1551.6	1633.2	1710.2	1779.5	1839.2
-30°	891.3	984.3	1075.8	1166.7	1258.4	1344.8	1426.1	1502.0	1571.0	1631.9	1684.5
-32.5°	811.9	896.3	981.8	1065.3	1145.6	1224.9	1298.3	1367.5	1431.0	1486.9	1533.3
-35°	730.3	808.2	884.2	961.3	1033.8	1104.6	1171.6	1232.9	1286.7	1337.2	1380.5
-37.5°	648.8	719.5	789.3	857.8	924.2	985.4	1045.9	1101.6	1150.2	1193.1	1229.0
-40°	571.7	632.2	695.7	755.8	816.0	872.3	925.1	973.3	1014.8	1051.4	1082.4
-42.5°	495.8	552.0	605.4	659.5	710.3	759.6	807.2	849.5	885.9	916.8	941.7
-45°	416.8	469.8	520.1	567.4	612.7	656.7	696.1	730.9	765.2	793.5	815.9
-47.5°	323.4	382.6	431.7	475.8	517.5	556.7	593.3	623.9	649.8	673.7	693.6
-50°	229.5	280.1	332.0	379.8	418.5	453.9	487.4	512.5	533.5	551.6	567.6
-52.5°	143.3	185.4	228.0	268.0	307.4	343.3	375.5	400.8	420.6	435.4	449.4
-55°	106.7	122.0	135.8	166.6	199.6	228.1	254.9	283.4	306.7	324.9	341.7
-57.5°	85.2	90.5	97.8	110.8	122.8	133.6	152.1	174.6	194.8	212.4	227.8
-60°	71.8	75.0	79.7	84.5	88.8	92.7	102.2	110.6	117.8	124.0	129.9
-62.5°	60.9	64.6	66.6	69.2	72.7	76.6	78.0	80.2	82.7	85.7	88.3
-65°	47.2	50.1	53.1	54.5	54.7	56.5	59.3	60.9	61.4	61.7	62.6
-67.5°	39.1	39.9	41.4	42.8	44.6	45.8	47.2	48.5	49.7	50.8	51.6
-70°	32.5	33.9	35.1	36.3	37.4	38.4	39.3	40.2	40.9	41.1	41.3
-72.5°	26.7	28.1	29.2	30.3	31.2	32.0	32.6	33.1	33.4	30.9	27.3
-75°	21.7	23.1	24.3	25.3	26.2	26.7	26.9	27.2	27.5	24.4	20.3
-77.5°	17.5	18.5	19.1	19.8	20.5	20.7	20.7	20.8	20.8	18.5	15.5
-80°	11.3	12.3	13.0	13.6	14.1	13.6	13.0	12.2	11.4	10.1	8.7
-82.5°	6.0	6.5	6.9	7.3	7.8	7.7	7.5	7.2	6.8	6.1	5.3
-85°	2.4	2.3	2.2	2.1	2.0	2.0	2.1	2.1	2.2	2.0	1.9
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.9	2.0	2.2	2.1
82.5°	4.4	3.5	3.6	3.8	3.6	3.5	4.4	5.3	6.1	6.8	7.2
80°	7.3	5.8	5.9	6.1	5.9	5.8	7.3	8.7	10.1	11.4	12.2
77.5°	12.3	8.9	8.6	8.4	8.6	8.9	12.3	15.5	18.5	20.8	20.8
75°	16.1	11.7	11.5	11.5	11.5	11.7	16.1	20.3	24.4	27.5	27.2
72.5°	23.7	20.0	17.5	15.0	17.5	20.0	23.7	27.3	30.9	33.4	33.1
70°	41.7	42.2	42.0	41.4	42.0	42.2	41.7	41.3	41.1	40.9	40.2
67.5°	52.4	52.9	53.0	52.9	53.0	52.9	52.4	51.6	50.8	49.7	48.5
65°	63.2	63.6	63.9	64.0	63.9	63.6	63.2	62.6	61.7	61.4	60.9
62.5°	90.3	91.6	93.0	94.0	93.0	91.6	90.3	88.3	85.7	82.7	80.2
60°	135.1	139.4	141.3	141.5	141.3	139.4	135.1	129.9	124.0	117.8	110.6
57.5°	240.2	249.5	257.7	263.8	257.7	249.5	240.2	227.8	212.4	194.8	174.6
55°	355.1	365.0	370.5	372.0	370.5	365.0	355.1	341.7	324.9	306.7	283.4
52.5°	460.1	466.6	472.8	478.2	472.8	466.6	460.1	449.4	435.4	420.6	400.8
50°	579.7	587.0	593.1	597.8	593.1	587.0	579.7	567.6	551.6	533.5	512.5
47.5°	707.6	716.5	723.1	727.5	723.1	716.5	707.6	693.6	673.7	649.8	623.9
45°	835.1	850.4	859.7	861.3	859.7	850.4	835.1	815.9	793.5	765.2	730.9
42.5°	963.3	977.9	987.8	995.1	987.8	977.9	963.3	941.7	916.8	885.9	849.5
40°	1108.3	1126.7	1135.1	1129.7	1135.1	1126.7	1108.3	1082.4	1051.4	1014.8	973.3
37.5°	1256.8	1275.7	1285.5	1285.0	1285.5	1275.7	1256.8	1229.0	1193.1	1150.2	1101.6
35°	1414.3	1437.7	1450.4	1447.2	1450.4	1437.7	1414.3	1380.5	1337.2	1286.7	1232.9
32.5°	1570.3	1598.7	1617.0	1619.8	1617.0	1598.7	1570.3	1533.3	1486.9	1431.0	1367.5
30°	1726.7	1757.4	1775.6	1777.4	1775.6	1757.4	1726.7	1684.5	1631.9	1571.0	1502.0
27.5°	1889.4	1923.7	1942.7	1947.3	1942.7	1923.7	1889.4	1839.2	1779.5	1710.2	1633.2
25°	2048.5	2086.5	2108.4	2116.8	2108.4	2086.5	2048.5	1993.1	1928.2	1852.0	1764.0
22.5°	2201.9	2243.6	2272.1	2279.4	2272.1	2243.6	2201.9	2144.5	2075.3	1995.4	1901.4
20°	2355.7	2405.0	2441.5	2445.1	2441.5	2405.0	2355.7	2290.9	2212.9	2125.9	2026.5
17.5°	2503.9	2557.2	2596.2	2605.7	2596.2	2557.2	2503.9	2433.4	2345.4	2249.0	2140.5
15°	2636.5	2692.4	2730.1	2738.4	2730.1	2692.4	2636.5	2563.2	2474.5	2369.5	2247.4
12.5°	2751.0	2802.5	2837.7	2851.2	2837.7	2802.5	2751.0	2677.7	2586.7	2473.7	2344.0
10°	2843.2	2883.0	2914.5	2928.6	2914.5	2883.0	2843.2	2770.2	2676.7	2559.6	2420.3
7.5°	2894.6	2927.4	2949.2	2957.0	2949.2	2927.4	2894.6	2836.6	2740.5	2617.0	2479.7
5°	2915.0	2946.4	2958.2	2965.1	2958.2	2946.4	2915.0	2854.6	2776.2	2664.3	2528.4
2.5°	2917.7	2942.9	2967.2	2983.1	2967.2	2942.9	2917.7	2872.6	2804.6	2698.7	2559.7
0°	2934.0	2958.5	2972.0	2979.6	2972.0	2958.5	2934.0	2893.3	2823.2	2719.6	2580.0
-2.5°	2917.7	2942.9	2967.2	2983.1	2967.2	2942.9	2917.7	2872.6	2804.6	2698.7	2559.7
-5°	2915.0	2946.4	2958.2	2965.1	2958.2	2946.4	2915.0	2854.6	2776.2	2664.3	2528.4
-7.5°	2894.6	2927.4	2949.2	2957.0	2949.2	2927.4	2894.6	2836.6	2740.5	2617.0	2479.7
-10°	2843.2	2883.0	2914.5	2928.6	2914.5	2883.0	2843.2	2770.2	2676.7	2559.6	2420.3
-12.5°	2751.0	2802.5	2837.7	2851.2	2837.7	2802.5	2751.0	2677.7	2586.7	2473.7	2344.0
-15°	2636.5	2692.4	2730.1	2738.4	2730.1	2692.4	2636.5	2563.2	2474.5	2369.5	2247.4
-17.5°	2503.9	2557.2	2596.2	2605.7	2596.2	2557.2	2503.9	2433.4	2345.4	2249.0	2140.5
-20°	2355.7	2405.0	2441.5	2445.1	2441.5	2405.0	2355.7	2290.9	2212.9	2125.9	2026.5



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2201.9	2243.6	2272.1	2279.4	2272.1	2243.6	2201.9	2144.5	2075.3	1995.4	1901.4
-25°	2048.5	2086.5	2108.4	2116.8	2108.4	2086.5	2048.5	1993.1	1928.2	1852.0	1764.0
-27.5°	1889.4	1923.7	1942.7	1947.3	1942.7	1923.7	1889.4	1839.2	1779.5	1710.2	1633.2
-30°	1726.7	1757.4	1775.6	1777.4	1775.6	1757.4	1726.7	1684.5	1631.9	1571.0	1502.0
-32.5°	1570.3	1598.7	1617.0	1619.8	1617.0	1598.7	1570.3	1533.3	1486.9	1431.0	1367.5
-35°	1414.3	1437.7	1450.4	1447.2	1450.4	1437.7	1414.3	1380.5	1337.2	1286.7	1232.9
-37.5°	1256.8	1275.7	1285.5	1285.0	1285.5	1275.7	1256.8	1229.0	1193.1	1150.2	1101.6
-40°	1108.3	1126.7	1135.1	1129.7	1135.1	1126.7	1108.3	1082.4	1051.4	1014.8	973.3
-42.5°	963.3	977.9	987.8	995.1	987.8	977.9	963.3	941.7	916.8	885.9	849.5
-45°	835.1	850.4	859.7	861.3	859.7	850.4	835.1	815.9	793.5	765.2	730.9
-47.5°	707.6	716.5	723.1	727.5	723.1	716.5	707.6	693.6	673.7	649.8	623.9
-50°	579.7	587.0	593.1	597.8	593.1	587.0	579.7	567.6	551.6	533.5	512.5
-52.5°	460.1	466.6	472.8	478.2	472.8	466.6	460.1	449.4	435.4	420.6	400.8
-55°	355.1	365.0	370.5	372.0	370.5	365.0	355.1	341.7	324.9	306.7	283.4
-57.5°	240.2	249.5	257.7	263.8	257.7	249.5	240.2	227.8	212.4	194.8	174.6
-60°	135.1	139.4	141.3	141.5	141.3	139.4	135.1	129.9	124.0	117.8	110.6
-62.5°	90.3	91.6	93.0	94.0	93.0	91.6	90.3	88.3	85.7	82.7	80.2
-65°	63.2	63.6	63.9	64.0	63.9	63.6	63.2	62.6	61.7	61.4	60.9
-67.5°	52.4	52.9	53.0	52.9	53.0	52.9	52.4	51.6	50.8	49.7	48.5
-70°	41.7	42.2	42.0	41.4	42.0	42.2	41.7	41.3	41.1	40.9	40.2
-72.5°	23.7	20.0	17.5	15.0	17.5	20.0	23.7	27.3	30.9	33.4	33.1
-75°	16.1	11.7	11.5	11.5	11.5	11.7	16.1	20.3	24.4	27.5	27.2
-77.5°	12.3	8.9	8.6	8.4	8.6	8.9	12.3	15.5	18.5	20.8	20.8
-80°	7.3	5.8	5.9	6.1	5.9	5.8	7.3	8.7	10.1	11.4	12.2
-82.5°	4.4	3.5	3.6	3.8	3.6	3.5	4.4	5.3	6.1	6.8	7.2
-85°	1.7	1.5	1.5	1.5	1.5	1.5	1.7	1.9	2.0	2.2	2.1
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.5	0.6
85°	2.1	2.0	2.0	2.1	2.2	2.3	2.4	2.1	1.8	1.6	1.4
82.5°	7.5	7.7	7.8	7.3	6.9	6.5	6.0	5.1	4.2	3.3	2.7
80°	13.0	13.6	14.1	13.6	13.0	12.3	11.3	9.2	7.5	6.0	5.0
77.5°	20.7	20.7	20.5	19.8	19.1	18.5	17.5	14.4	11.4	8.8	7.5
75°	26.9	26.7	26.2	25.3	24.3	23.1	21.7	19.6	17.0	13.8	11.5
72.5°	32.6	32.0	31.2	30.3	29.2	28.1	26.7	25.0	22.9	20.6	18.8
70°	39.3	38.4	37.4	36.3	35.1	33.9	32.5	30.8	28.7	26.4	25.1
67.5°	47.2	45.8	44.6	42.8	41.4	39.9	39.1	37.7	35.7	33.4	31.7
65°	59.3	56.5	54.7	54.5	53.1	50.1	47.2	45.8	44.3	41.6	38.8
62.5°	78.0	76.6	72.7	69.2	66.6	64.6	60.9	56.9	53.8	51.1	47.5
60°	102.2	92.7	88.8	84.5	79.7	75.0	71.8	67.9	63.4	59.7	56.0
57.5°	152.1	133.6	122.8	110.8	97.8	90.5	85.2	79.2	74.0	69.0	64.3
55°	254.9	228.1	199.6	166.6	135.8	122.0	106.7	94.7	87.2	78.7	73.1
52.5°	375.5	343.3	307.4	268.0	228.0	185.4	143.3	125.5	105.0	92.3	83.0
50°	487.4	453.9	418.5	379.8	332.0	280.1	229.5	178.9	137.7	114.1	95.3
47.5°	593.3	556.7	517.5	475.8	431.7	382.6	323.4	261.2	202.7	144.0	118.3
45°	696.1	656.7	612.7	567.4	520.1	469.8	416.8	353.0	282.6	215.1	145.4
42.5°	807.2	759.6	710.3	659.5	605.4	552.0	495.8	436.0	368.5	290.9	215.4
40°	925.1	872.3	816.0	755.8	695.7	632.2	571.7	508.7	443.0	369.8	284.7
37.5°	1045.9	985.4	924.2	857.8	789.3	719.5	648.8	579.5	509.3	437.8	355.4
35°	1171.6	1104.6	1033.8	961.3	884.2	808.2	730.3	651.5	574.7	498.3	419.6
32.5°	1298.3	1224.9	1145.6	1065.3	981.8	896.3	811.9	726.3	638.7	557.2	474.7
30°	1426.1	1344.8	1258.4	1166.7	1075.8	984.3	891.3	797.6	703.7	613.1	527.6
27.5°	1551.6	1463.3	1369.2	1269.6	1165.6	1067.5	967.6	866.0	764.9	668.5	576.7
25°	1675.3	1578.5	1474.3	1367.7	1258.6	1144.2	1038.1	931.3	824.9	720.1	621.0
22.5°	1798.6	1690.3	1575.6	1458.0	1343.6	1223.2	1104.8	991.3	880.4	769.3	664.4
20°	1916.7	1797.4	1673.7	1546.4	1419.7	1295.6	1168.2	1047.5	930.3	815.4	704.7
17.5°	2021.0	1894.6	1764.5	1627.0	1491.8	1359.9	1228.0	1099.0	975.5	855.4	741.3
15°	2117.3	1983.1	1844.9	1701.0	1557.3	1416.1	1279.8	1144.3	1016.1	890.9	773.7
12.5°	2204.7	2062.6	1917.6	1765.9	1615.1	1465.7	1323.8	1185.2	1051.5	922.6	801.0
10°	2276.2	2128.3	1977.7	1822.1	1665.0	1509.0	1360.3	1218.1	1080.1	947.8	823.7
7.5°	2334.2	2180.0	2023.6	1866.6	1704.8	1545.1	1390.7	1243.0	1102.4	966.3	841.6
5°	2379.5	2220.7	2058.7	1899.3	1733.5	1570.5	1413.5	1259.8	1118.0	978.1	854.5
2.5°	2410.5	2248.3	2080.5	1919.0	1752.1	1586.2	1430.4	1272.8	1129.1	990.6	865.8
0°	2429.3	2269.0	2096.9	1932.7	1769.0	1594.9	1441.9	1281.6	1133.9	998.6	871.6
-2.5°	2410.5	2248.3	2080.5	1919.0	1752.1	1586.2	1430.4	1272.8	1129.1	990.6	865.8
-5°	2379.5	2220.7	2058.7	1899.3	1733.5	1570.5	1413.5	1259.8	1118.0	978.1	854.5
-7.5°	2334.2	2180.0	2023.6	1866.6	1704.8	1545.1	1390.7	1243.0	1102.4	966.3	841.6
-10°	2276.2	2128.3	1977.7	1822.1	1665.0	1509.0	1360.3	1218.1	1080.1	947.8	823.7
-12.5°	2204.7	2062.6	1917.6	1765.9	1615.1	1465.7	1323.8	1185.2	1051.5	922.6	801.0
-15°	2117.3	1983.1	1844.9	1701.0	1557.3	1416.1	1279.8	1144.3	1016.1	890.9	773.7
-17.5°	2021.0	1894.6	1764.5	1627.0	1491.8	1359.9	1228.0	1099.0	975.5	855.4	741.3
-20°	1916.7	1797.4	1673.7	1546.4	1419.7	1295.6	1168.2	1047.5	930.3	815.4	704.7



REPORT NUMBER: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	1798.6	1690.3	1575.6	1458.0	1343.6	1223.2	1104.8	991.3	880.4	769.3	664.4
-25°	1675.3	1578.5	1474.3	1367.7	1258.6	1144.2	1038.1	931.3	824.9	720.1	621.0
-27.5°	1551.6	1463.3	1369.2	1269.6	1165.6	1067.5	967.6	866.0	764.9	668.5	576.7
-30°	1426.1	1344.8	1258.4	1166.7	1075.8	984.3	891.3	797.6	703.7	613.1	527.6
-32.5°	1298.3	1224.9	1145.6	1065.3	981.8	896.3	811.9	726.3	638.7	557.2	474.7
-35°	1171.6	1104.6	1033.8	961.3	884.2	808.2	730.3	651.5	574.7	498.3	419.6
-37.5°	1045.9	985.4	924.2	857.8	789.3	719.5	648.8	579.5	509.3	437.8	355.4
-40°	925.1	872.3	816.0	755.8	695.7	632.2	571.7	508.7	443.0	369.8	284.7
-42.5°	807.2	759.6	710.3	659.5	605.4	552.0	495.8	436.0	368.5	290.9	215.4
-45°	696.1	656.7	612.7	567.4	520.1	469.8	416.8	353.0	282.6	215.1	145.4
-47.5°	593.3	556.7	517.5	475.8	431.7	382.6	323.4	261.2	202.7	144.0	118.3
-50°	487.4	453.9	418.5	379.8	332.0	280.1	229.5	178.9	137.7	114.1	95.3
-52.5°	375.5	343.3	307.4	268.0	228.0	185.4	143.3	125.5	105.0	92.3	83.0
-55°	254.9	228.1	199.6	166.6	135.8	122.0	106.7	94.7	87.2	78.7	73.1
-57.5°	152.1	133.6	122.8	110.8	97.8	90.5	85.2	79.2	74.0	69.0	64.3
-60°	102.2	92.7	88.8	84.5	79.7	75.0	71.8	67.9	63.4	59.7	56.0
-62.5°	78.0	76.6	72.7	69.2	66.6	64.6	60.9	56.9	53.8	51.1	47.5
-65°	59.3	56.5	54.7	54.5	53.1	50.1	47.2	45.8	44.3	41.6	38.8
-67.5°	47.2	45.8	44.6	42.8	41.4	39.9	39.1	37.7	35.7	33.4	31.7
-70°	39.3	38.4	37.4	36.3	35.1	33.9	32.5	30.8	28.7	26.4	25.1
-72.5°	32.6	32.0	31.2	30.3	29.2	28.1	26.7	25.0	22.9	20.6	18.8
-75°	26.9	26.7	26.2	25.3	24.3	23.1	21.7	19.6	17.0	13.8	11.5
-77.5°	20.7	20.7	20.5	19.8	19.1	18.5	17.5	14.4	11.4	8.8	7.5
-80°	13.0	13.6	14.1	13.6	13.0	12.3	11.3	9.2	7.5	6.0	5.0
-82.5°	7.5	7.7	7.8	7.3	6.9	6.5	6.0	5.1	4.2	3.3	2.7
-85°	2.1	2.0	2.0	2.1	2.2	2.3	2.4	2.1	1.8	1.6	1.4
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5	0.5	0.6
-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: P558539 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	1.4	1.4	1.3	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7
82.5°	2.7	2.8	2.8	2.8	2.7	2.6	2.5	2.2	1.7	1.3	1.1
80°	5.6	6.0	6.0	5.6	4.9	4.3	4.1	3.8	3.1	2.5	1.9
77.5°	8.6	9.4	9.9	9.7	8.7	7.6	6.7	5.6	4.5	3.7	2.9
75°	11.8	12.8	13.7	13.6	12.5	11.0	9.7	8.3	6.7	5.0	3.9
72.5°	17.8	17.4	17.5	17.6	16.7	15.2	13.2	10.9	9.0	7.1	5.2
70°	23.9	22.3	21.2	21.0	20.6	19.5	17.5	14.6	11.4	9.2	7.0
67.5°	30.3	28.7	26.7	24.8	24.2	23.3	21.8	18.3	14.6	11.3	8.8
65°	36.9	35.0	33.1	30.4	28.4	27.1	25.6	21.9	17.7	13.9	10.6
62.5°	44.0	41.0	38.5	35.7	32.9	30.9	29.3	25.3	20.7	16.3	12.6
60°	51.9	48.0	44.0	40.6	37.3	34.4	32.1	28.7	23.9	18.7	14.5
57.5°	59.9	55.1	50.1	45.6	41.8	38.2	34.9	31.5	27.1	21.5	16.2
55°	67.9	62.5	56.2	50.8	46.3	42.2	37.8	34.1	30.2	24.5	17.6
52.5°	75.7	69.6	62.8	56.0	50.5	46.0	41.2	36.7	32.6	27.5	19.6
50°	85.2	76.3	69.2	61.8	54.7	49.4	44.3	39.4	35.0	30.2	21.4
47.5°	96.1	84.9	75.5	67.5	59.8	52.8	47.3	42.0	37.3	32.3	23.1
45°	118.0	94.7	82.9	73.4	64.7	56.9	50.4	44.4	39.4	33.2	24.4
42.5°	142.9	113.0	91.6	79.1	69.8	61.0	53.4	47.1	41.4	33.8	25.2
40°	203.1	135.8	103.3	86.8	75.1	64.8	56.8	49.7	43.1	34.2	25.5
37.5°	264.9	178.2	123.8	94.3	80.6	69.5	60.0	52.2	43.8	34.5	25.6
35°	327.6	233.6	144.0	107.8	87.3	74.0	62.9	54.7	45.4	34.9	25.5
32.5°	387.1	287.1	190.3	125.7	93.7	78.3	66.3	57.2	47.5	35.2	25.1
30°	438.1	339.0	236.1	142.8	102.6	83.8	70.1	59.6	49.9	35.6	24.7
27.5°	484.5	387.6	279.2	175.9	117.3	89.0	73.6	61.8	52.7	36.5	24.8
25°	527.2	428.9	320.8	212.3	131.1	94.0	76.9	63.9	54.9	38.3	24.8
22.5°	565.0	465.8	358.9	245.3	143.6	98.8	80.4	66.6	56.6	40.3	24.8
20°	598.8	499.3	393.4	275.9	164.1	109.2	84.1	69.0	58.1	42.4	24.6
17.5°	629.3	528.4	422.5	304.9	188.6	118.3	87.6	71.1	59.5	44.5	24.4
15°	659.0	553.1	447.2	330.5	210.3	126.2	90.7	72.9	60.7	46.5	24.3
12.5°	684.1	574.3	468.0	352.6	228.8	132.9	93.4	74.4	61.7	48.3	24.1
10°	704.1	591.7	484.9	371.2	244.3	138.3	95.7	75.5	62.5	49.8	23.7
7.5°	719.3	605.4	498.0	386.0	256.5	142.8	97.2	76.1	63.1	50.9	22.9
5°	730.1	615.7	507.5	396.9	265.3	146.5	98.2	76.5	63.6	51.8	21.9
2.5°	739.2	622.9	513.5	403.9	270.7	149.0	98.6	76.5	63.9	52.2	20.8
0°	743.6	626.2	515.8	406.9	272.7	150.3	98.6	76.3	64.0	52.2	19.6
-2.5°	739.2	622.9	513.5	403.9	270.7	149.0	98.6	76.5	63.9	52.2	20.8
-5°	730.1	615.7	507.5	396.9	265.3	146.5	98.2	76.5	63.6	51.8	21.9
-7.5°	719.3	605.4	498.0	386.0	256.5	142.8	97.2	76.1	63.1	50.9	22.9
-10°	704.1	591.7	484.9	371.2	244.3	138.3	95.7	75.5	62.5	49.8	23.7
-12.5°	684.1	574.3	468.0	352.6	228.8	132.9	93.4	74.4	61.7	48.3	24.1
-15°	659.0	553.1	447.2	330.5	210.3	126.2	90.7	72.9	60.7	46.5	24.3
-17.5°	629.3	528.4	422.5	304.9	188.6	118.3	87.6	71.1	59.5	44.5	24.4
-20°	598.8	499.3	393.4	275.9	164.1	109.2	84.1	69.0	58.1	42.4	24.6



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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°	565.0	465.8	358.9	245.3	143.6	98.8	80.4	66.6	56.6	40.3	24.8
-25°	527.2	428.9	320.8	212.3	131.1	94.0	76.9	63.9	54.9	38.3	24.8
-27.5°	484.5	387.6	279.2	175.9	117.3	89.0	73.6	61.8	52.7	36.5	24.8
-30°	438.1	339.0	236.1	142.8	102.6	83.8	70.1	59.6	49.9	35.6	24.7
-32.5°	387.1	287.1	190.3	125.7	93.7	78.3	66.3	57.2	47.5	35.2	25.1
-35°	327.6	233.6	144.0	107.8	87.3	74.0	62.9	54.7	45.4	34.9	25.5
-37.5°	264.9	178.2	123.8	94.3	80.6	69.5	60.0	52.2	43.8	34.5	25.6
-40°	203.1	135.8	103.3	86.8	75.1	64.8	56.8	49.7	43.1	34.2	25.5
-42.5°	142.9	113.0	91.6	79.1	69.8	61.0	53.4	47.1	41.4	33.8	25.2
-45°	118.0	94.7	82.9	73.4	64.7	56.9	50.4	44.4	39.4	33.2	24.4
-47.5°	96.1	84.9	75.5	67.5	59.8	52.8	47.3	42.0	37.3	32.3	23.1
-50°	85.2	76.3	69.2	61.8	54.7	49.4	44.3	39.4	35.0	30.2	21.4
-52.5°	75.7	69.6	62.8	56.0	50.5	46.0	41.2	36.7	32.6	27.5	19.6
-55°	67.9	62.5	56.2	50.8	46.3	42.2	37.8	34.1	30.2	24.5	17.6
-57.5°	59.9	55.1	50.1	45.6	41.8	38.2	34.9	31.5	27.1	21.5	16.2
-60°	51.9	48.0	44.0	40.6	37.3	34.4	32.1	28.7	23.9	18.7	14.5
-62.5°	44.0	41.0	38.5	35.7	32.9	30.9	29.3	25.3	20.7	16.3	12.6
-65°	36.9	35.0	33.1	30.4	28.4	27.1	25.6	21.9	17.7	13.9	10.6
-67.5°	30.3	28.7	26.7	24.8	24.2	23.3	21.8	18.3	14.6	11.3	8.8
-70°	23.9	22.3	21.2	21.0	20.6	19.5	17.5	14.6	11.4	9.2	7.0
-72.5°	17.8	17.4	17.5	17.6	16.7	15.2	13.2	10.9	9.0	7.1	5.2
-75°	11.8	12.8	13.7	13.6	12.5	11.0	9.7	8.3	6.7	5.0	3.9
-77.5°	8.6	9.4	9.9	9.7	8.7	7.6	6.7	5.6	4.5	3.7	2.9
-80°	5.6	6.0	6.0	5.6	4.9	4.3	4.1	3.8	3.1	2.5	1.9
-82.5°	2.7	2.8	2.8	2.8	2.7	2.6	2.5	2.2	1.7	1.3	1.1
-85°	1.4	1.4	1.3	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	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



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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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	2.1	1.4	1.0	0.8	0.5	0.3	0.0
75°	3.0	2.0	1.3	0.9	0.6	0.3	0.0
72.5°	3.8	2.6	1.7	1.1	0.7	0.4	0.0
70°	4.6	3.1	2.0	1.2	0.8	0.4	0.0
67.5°	6.0	3.7	2.4	1.5	0.9	0.5	0.0
65°	7.4	4.4	2.8	1.7	1.0	0.5	0.0
62.5°	8.6	5.3	3.1	1.9	1.1	0.6	0.0
60°	9.7	6.0	3.4	2.1	1.2	0.6	0.0
57.5°	10.8	6.8	3.9	2.3	1.3	0.6	0.0
55°	11.8	7.4	4.3	2.4	1.4	0.7	0.0
52.5°	12.7	8.0	4.7	2.6	1.5	0.7	0.0
50°	13.4	8.5	5.0	2.7	1.6	0.8	0.0
47.5°	14.1	8.9	5.2	2.9	1.7	0.8	0.0
45°	15.2	9.2	5.5	3.0	1.8	0.8	0.0
42.5°	16.2	9.4	5.6	3.1	1.9	0.9	0.0
40°	17.0	9.5	5.7	3.3	2.0	0.9	0.0
37.5°	17.5	9.5	5.8	3.4	2.1	1.0	0.0
35°	17.9	9.8	5.7	3.6	2.2	1.0	0.0
32.5°	18.0	10.0	5.7	3.7	2.2	1.0	0.0
30°	17.7	10.2	5.5	3.8	2.3	1.0	0.0
27.5°	17.2	10.2	5.6	4.0	2.4	1.1	0.0
25°	16.6	10.1	5.8	4.1	2.4	1.1	0.0
22.5°	15.8	10.1	6.0	4.2	2.5	1.1	0.0
20°	14.9	10.5	6.1	4.3	2.5	1.1	0.0
17.5°	14.8	11.0	6.3	4.3	2.6	1.1	0.0
15°	15.1	11.3	6.4	4.4	2.6	1.2	0.0
12.5°	15.3	11.6	6.5	4.5	2.6	1.2	0.0
10°	15.6	11.9	6.6	4.5	2.7	1.2	0.0
7.5°	15.7	12.1	6.7	4.6	2.7	1.2	0.0
5°	15.9	12.2	6.8	4.6	2.7	1.2	0.0
2.5°	16.0	12.3	6.9	4.6	2.7	1.2	0.0
0°	16.1	12.3	6.9	4.6	2.7	1.2	0.0
-2.5°	16.0	12.3	6.9	4.6	2.7	1.2	0.0
-5°	15.9	12.2	6.8	4.6	2.7	1.2	0.0
-7.5°	15.7	12.1	6.7	4.6	2.7	1.2	0.0
-10°	15.6	11.9	6.6	4.5	2.7	1.2	0.0
-12.5°	15.3	11.6	6.5	4.5	2.6	1.2	0.0
-15°	15.1	11.3	6.4	4.4	2.6	1.2	0.0
-17.5°	14.8	11.0	6.3	4.3	2.6	1.1	0.0
-20°	14.9	10.5	6.1	4.3	2.5	1.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.8	10.1	6.0	4.2	2.5	1.1	0.0
-25°	16.6	10.1	5.8	4.1	2.4	1.1	0.0
-27.5°	17.2	10.2	5.6	4.0	2.4	1.1	0.0
-30°	17.7	10.2	5.5	3.8	2.3	1.0	0.0
-32.5°	18.0	10.0	5.7	3.7	2.2	1.0	0.0
-35°	17.9	9.8	5.7	3.6	2.2	1.0	0.0
-37.5°	17.5	9.5	5.8	3.4	2.1	1.0	0.0
-40°	17.0	9.5	5.7	3.3	2.0	0.9	0.0
-42.5°	16.2	9.4	5.6	3.1	1.9	0.9	0.0
-45°	15.2	9.2	5.5	3.0	1.8	0.8	0.0
-47.5°	14.1	8.9	5.2	2.9	1.7	0.8	0.0
-50°	13.4	8.5	5.0	2.7	1.6	0.8	0.0
-52.5°	12.7	8.0	4.7	2.6	1.5	0.7	0.0
-55°	11.8	7.4	4.3	2.4	1.4	0.7	0.0
-57.5°	10.8	6.8	3.9	2.3	1.3	0.6	0.0
-60°	9.7	6.0	3.4	2.1	1.2	0.6	0.0
-62.5°	8.6	5.3	3.1	1.9	1.1	0.6	0.0
-65°	7.4	4.4	2.8	1.7	1.0	0.5	0.0
-67.5°	6.0	3.7	2.4	1.5	0.9	0.5	0.0
-70°	4.6	3.1	2.0	1.2	0.8	0.4	0.0
-72.5°	3.8	2.6	1.7	1.1	0.7	0.4	0.0
-75°	3.0	2.0	1.3	0.9	0.6	0.3	0.0
-77.5°	2.1	1.4	1.0	0.8	0.5	0.3	0.0
-80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)