

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: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-927-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558915 (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-SA4C-927-U-WR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

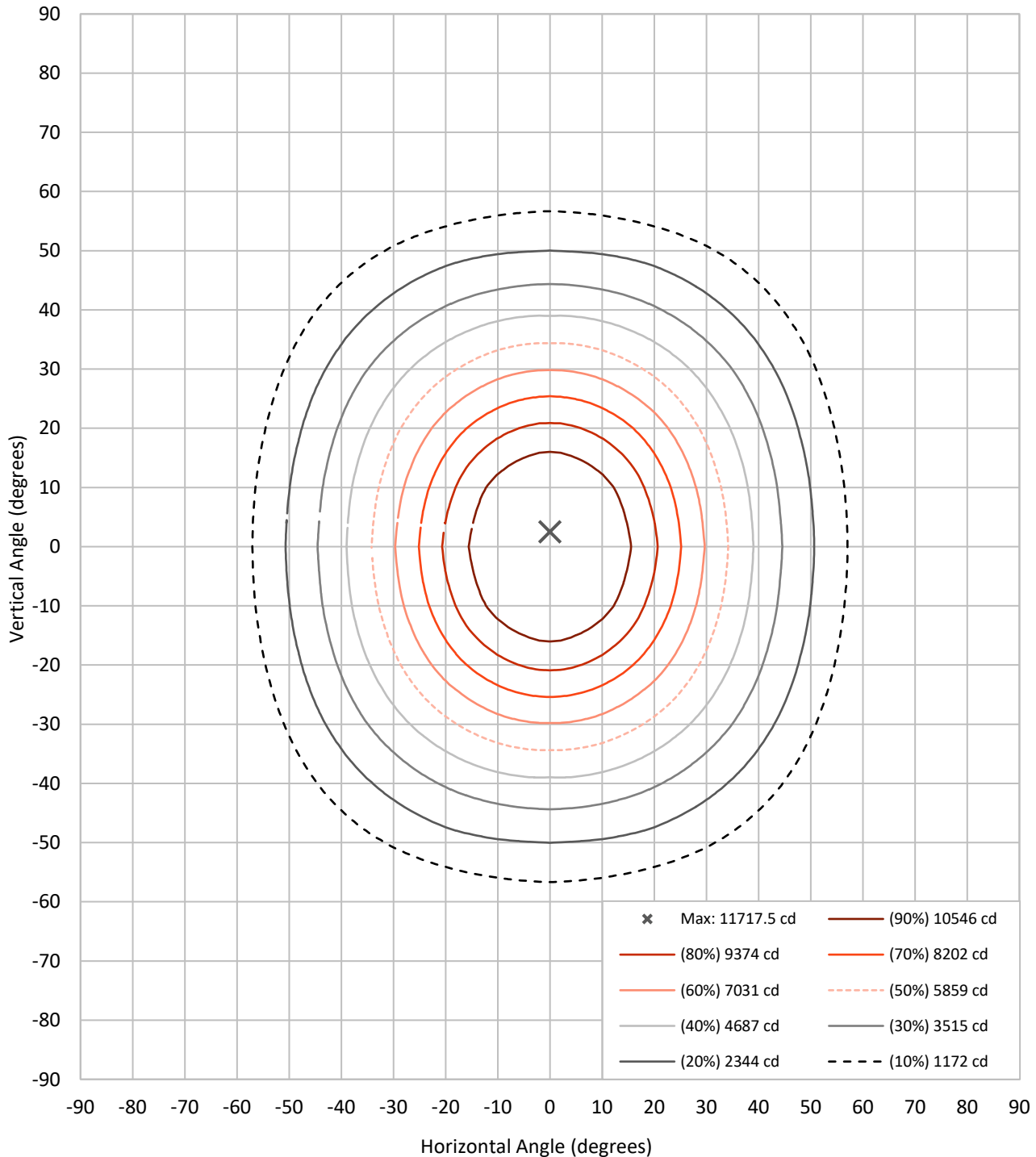
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15858.6 lumens	Max Intensity:	11717.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	96.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	9508.4 lumens	Field Lumens:	15149.2 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 164  
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





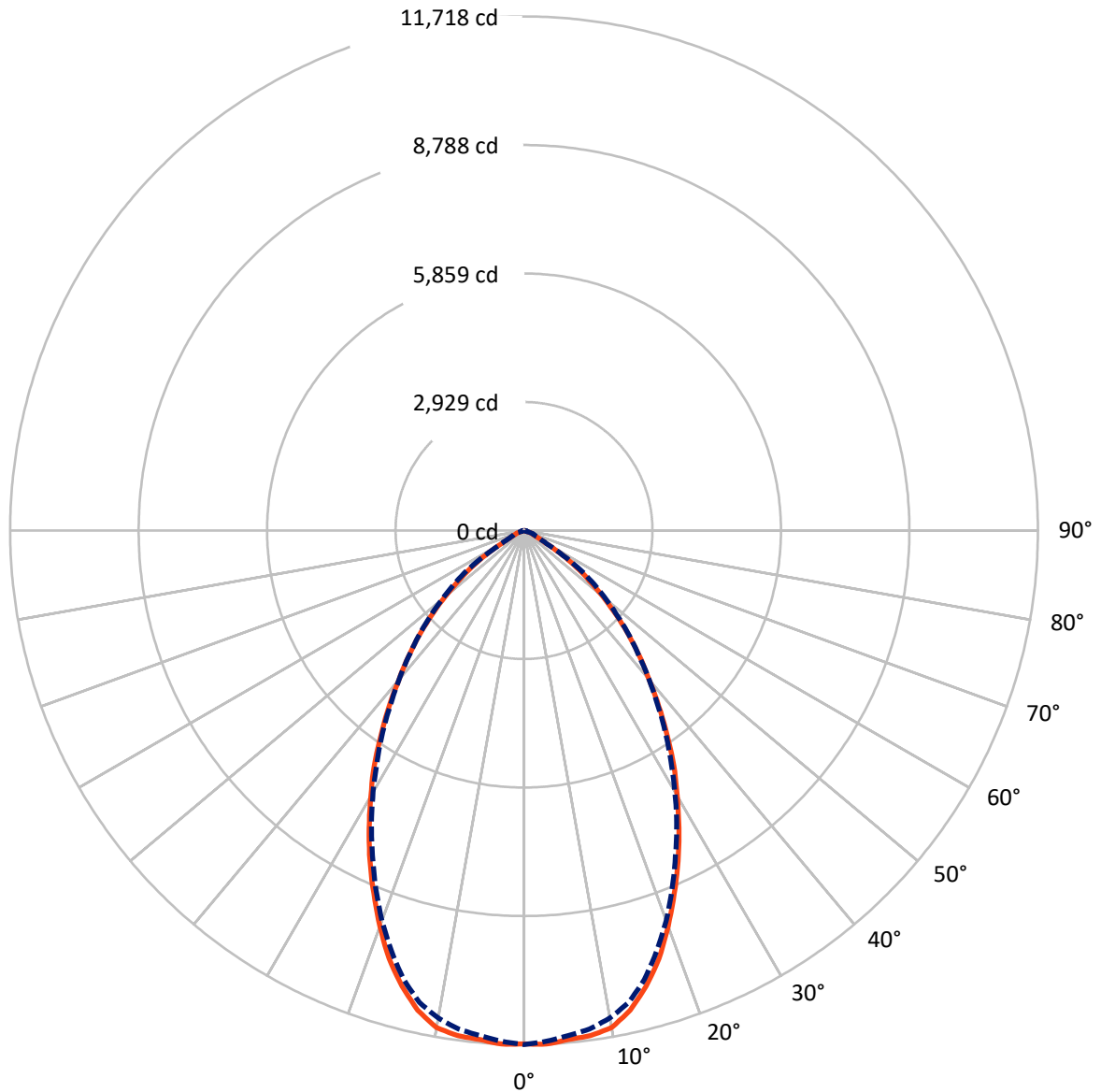
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### Lumen Table

90																			
80	0.1	1.5		3.8		6.6		4.7		6.6		3.8		1.5		0.1			
70																			
60	0.7	1.1	2.1	3.4	4.9	6.4	7.9	8.9	8.9	7.9	6.4	4.9	3.4	2.1	1.1	0.7			
50		1.7	3.6	6.4	12.3	23.8	35.7	42.8	42.8	35.7	23.8	12.3	6.4	3.6	1.7				
40	1.2	2.3	5.2	15.2	40.0	66.5	88.4	100.8	100.8	88.4	66.5	40.0	15.2	5.2	2.3	1.2			
30		2.8	8.9	35.0	71.8	112.1	148.5	170.3	170.3	148.5	112.1	71.8	35.0	8.9	2.8				
20	1.3	3.4	16.2	53.0	101.8	159.3	213.0	246.7	246.7	213.0	159.3	101.8	53.0	16.2	3.4	1.3			
10		4.0	23.2	65.9	125.5	199.1	271.2	316.8	316.8	271.2	199.1	125.5	65.9	23.2	4.0				
0	1.4	4.4	27.0	72.8	138.8	222.5	304.6	348.2	348.2	304.6	222.5	138.8	72.8	27.0	4.4	1.4			
-10		4.4	27.0	72.8	138.8	222.5	304.6	348.2	348.2	304.6	222.5	138.8	72.8	27.0	4.4				
-20	1.3	4.0	23.2	65.9	125.5	199.1	271.2	316.8	316.8	271.2	199.1	125.5	65.9	23.2	4.0	1.3			
-30		3.4	16.2	53.0	101.8	159.3	213.0	246.7	246.7	213.0	159.3	101.8	53.0	16.2	3.4				
-40	1.2	2.8	8.9	35.0	71.8	112.1	148.5	170.3	170.3	148.5	112.1	71.8	35.0	8.9	2.8	1.2			
-50		2.3	5.2	15.2	40.0	66.5	88.4	100.8	100.8	88.4	66.5	40.0	15.2	5.2	2.3				
-60	0.7	1.7	3.6	6.4	12.3	23.8	35.7	42.8	42.8	35.7	23.8	12.3	6.4	3.6	1.7	0.7			
-70		1.1	2.1	3.4	4.9	6.4	7.9	8.9	8.9	7.9	6.4	4.9	3.4	2.1	1.1				
-80																			
-90	0.1	1.5		3.8		6.6		4.7		6.6		3.8		1.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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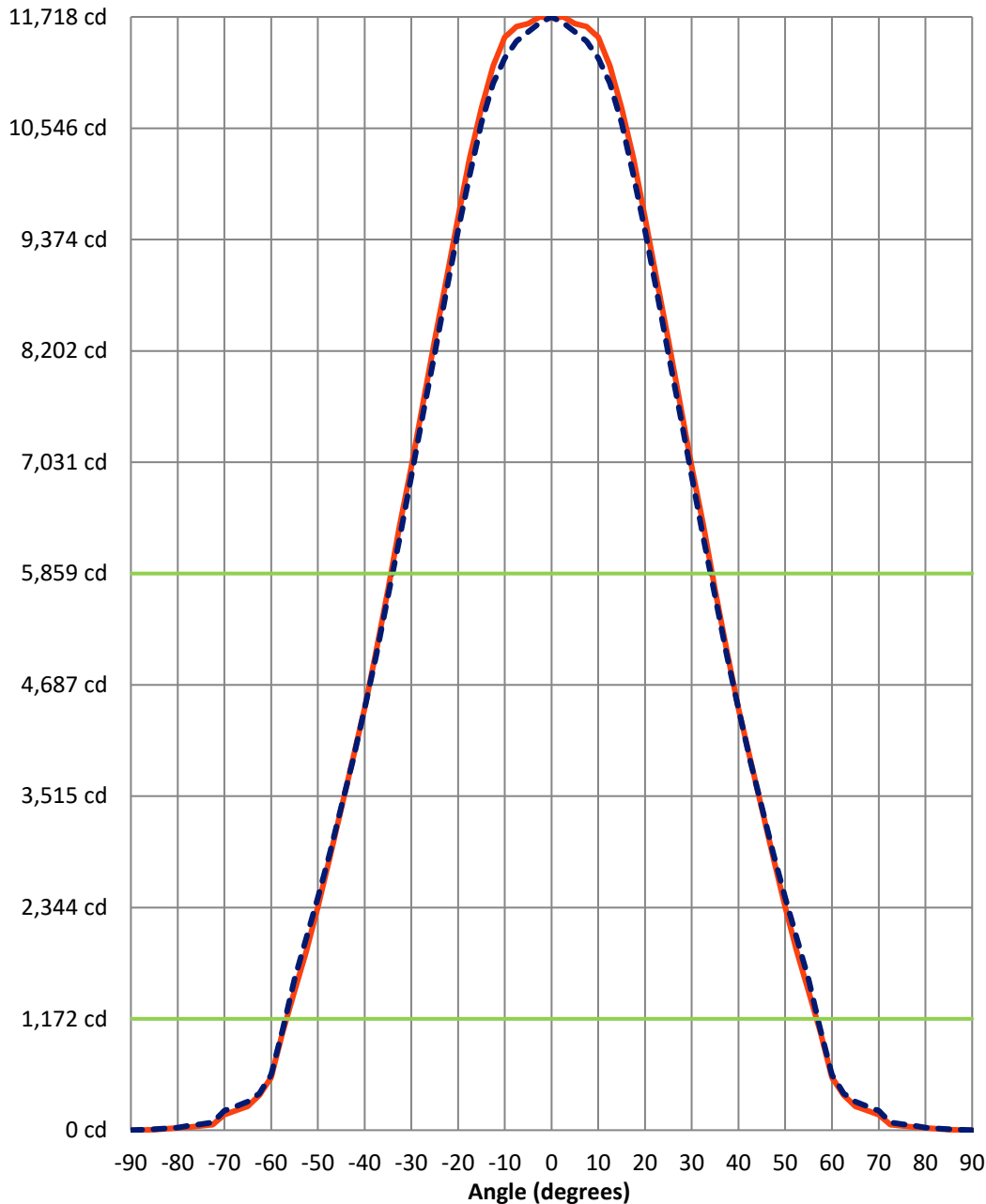
### Luminous Intensity Polar Plot



— 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: 9508.4  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 15149.2  
Efficiency: 95.5%

**Spill:**  
Lumens: 709.4  
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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.8	6.6	8.5
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.9	7.2	9.7	12.2	14.8
77.5°	0.0	1.0	1.9	2.9	3.9	5.3	8.3	11.4	14.5	17.7	22.1
75°	0.0	1.2	2.3	3.5	4.8	7.7	11.6	15.4	19.6	26.1	32.6
72.5°	0.0	1.4	2.7	4.0	6.4	10.1	14.8	20.3	28.0	35.5	43.0
70°	0.0	1.5	3.1	4.7	7.9	12.3	18.2	27.6	36.3	44.9	57.3
67.5°	0.0	1.7	3.4	5.6	9.3	14.4	23.7	34.8	44.5	57.4	72.0
65°	0.0	1.9	3.8	6.5	10.7	17.2	28.9	41.8	54.6	69.5	85.9
62.5°	0.0	2.1	4.2	7.3	12.0	20.6	33.8	49.4	64.2	81.3	99.3
60°	0.0	2.2	4.5	8.0	13.2	23.8	38.2	57.0	73.4	94.0	112.7
57.5°	0.0	2.4	4.9	8.8	15.1	26.6	42.6	63.8	84.6	106.7	123.9
55°	0.0	2.6	5.4	9.4	16.8	29.1	46.6	69.1	96.3	118.7	134.0
52.5°	0.0	2.7	5.8	10.0	18.3	31.4	50.0	77.0	108.0	128.0	144.2
50°	0.0	2.9	6.2	10.6	19.6	33.4	52.8	84.3	118.6	137.3	154.8
47.5°	0.0	3.0	6.6	11.1	20.6	35.1	55.4	90.7	126.9	146.5	164.9
45°	0.0	3.2	7.0	11.7	21.5	36.3	59.9	96.1	130.4	154.9	174.3
42.5°	0.0	3.3	7.3	12.2	22.1	37.1	63.7	99.1	132.8	162.6	184.7
40°	0.0	3.4	7.7	12.7	22.5	37.6	66.6	100.2	134.2	169.2	195.0
37.5°	0.0	3.6	8.0	13.4	22.6	37.6	68.9	100.5	135.6	172.0	205.0
35°	0.0	3.7	8.3	14.0	22.6	38.4	70.4	100.0	137.0	178.3	214.9
32.5°	0.0	3.8	8.6	14.5	22.2	39.4	70.7	98.7	138.4	186.3	224.7
30°	0.0	3.9	8.9	15.0	21.7	40.0	69.4	97.2	139.8	195.9	234.1
27.5°	0.0	4.0	9.1	15.5	22.2	40.0	67.5	97.5	143.2	206.9	242.8
25°	0.0	4.1	9.4	16.0	22.9	39.5	65.0	97.6	150.6	215.6	251.1
22.5°	0.0	4.2	9.6	16.4	23.5	39.5	62.1	97.4	158.4	222.2	261.7
20°	0.0	4.2	9.8	16.7	24.1	41.3	58.6	96.8	166.5	228.2	271.1
17.5°	0.0	4.3	9.9	17.0	24.7	43.0	58.0	95.9	174.7	233.6	279.3
15°	0.0	4.3	10.1	17.3	25.2	44.4	59.2	95.4	182.6	238.4	286.4
12.5°	0.0	4.4	10.2	17.6	25.6	45.6	60.3	94.8	189.6	242.4	292.2
10°	0.0	4.4	10.3	17.8	26.1	46.5	61.2	92.9	195.4	245.6	296.6
7.5°	0.0	4.5	10.4	17.9	26.4	47.3	61.9	89.9	200.0	248.1	299.2
5°	0.0	4.5	10.5	18.0	26.7	47.8	62.6	86.1	203.3	250.0	300.5
2.5°	0.0	4.5	10.5	18.1	27.1	48.2	63.3	76.8	204.9	251.6	299.8
0°	0.0	4.5	10.5	18.1	26.9	48.1	63.0	81.7	205.0	251.2	300.7
-2.5°	0.0	4.5	10.5	18.1	26.9	48.1	63.0	81.7	205.0	251.2	300.7
-5°	0.0	4.5	10.5	18.0	26.7	47.8	62.6	86.1	203.3	250.0	300.5
-7.5°	0.0	4.5	10.4	17.9	26.4	47.3	61.9	89.9	200.0	248.1	299.2
-10°	0.0	4.4	10.3	17.8	26.1	46.5	61.2	92.9	195.4	245.6	296.6
-12.5°	0.0	4.4	10.2	17.6	25.6	45.6	60.3	94.8	189.6	242.4	292.2
-15°	0.0	4.3	10.1	17.3	25.2	44.4	59.2	95.4	182.6	238.4	286.4
-17.5°	0.0	4.3	9.9	17.0	24.7	43.0	58.0	95.9	174.7	233.6	279.3
-20°	0.0	4.2	9.8	16.7	24.1	41.3	58.6	96.8	166.5	228.2	271.1



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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	4.2	9.6	16.4	23.5	39.5	62.1	97.4	158.4	222.2	261.7
-25°	0.0	4.1	9.4	16.0	22.9	39.5	65.0	97.6	150.6	215.6	251.1
-27.5°	0.0	4.0	9.1	15.5	22.2	40.0	67.5	97.5	143.2	206.9	242.8
-30°	0.0	3.9	8.9	15.0	21.7	40.0	69.4	97.2	139.8	195.9	234.1
-32.5°	0.0	3.8	8.6	14.5	22.2	39.4	70.7	98.7	138.4	186.3	224.7
-35°	0.0	3.7	8.3	14.0	22.6	38.4	70.4	100.0	137.0	178.3	214.9
-37.5°	0.0	3.6	8.0	13.4	22.6	37.6	68.9	100.5	135.6	172.0	205.0
-40°	0.0	3.4	7.7	12.7	22.5	37.6	66.6	100.2	134.2	169.2	195.0
-42.5°	0.0	3.3	7.3	12.2	22.1	37.1	63.7	99.1	132.8	162.6	184.7
-45°	0.0	3.2	7.0	11.7	21.5	36.3	59.9	96.1	130.4	154.9	174.3
-47.5°	0.0	3.0	6.6	11.1	20.6	35.1	55.4	90.7	126.9	146.5	164.9
-50°	0.0	2.9	6.2	10.6	19.6	33.4	52.8	84.3	118.6	137.3	154.8
-52.5°	0.0	2.7	5.8	10.0	18.3	31.4	50.0	77.0	108.0	128.0	144.2
-55°	0.0	2.6	5.4	9.4	16.8	29.1	46.6	69.1	96.3	118.7	134.0
-57.5°	0.0	2.4	4.9	8.8	15.1	26.6	42.6	63.8	84.6	106.7	123.9
-60°	0.0	2.2	4.5	8.0	13.2	23.8	38.2	57.0	73.4	94.0	112.7
-62.5°	0.0	2.1	4.2	7.3	12.0	20.6	33.8	49.4	64.2	81.3	99.3
-65°	0.0	1.9	3.8	6.5	10.7	17.2	28.9	41.8	54.6	69.5	85.9
-67.5°	0.0	1.7	3.4	5.6	9.3	14.4	23.7	34.8	44.5	57.4	72.0
-70°	0.0	1.5	3.1	4.7	7.9	12.3	18.2	27.6	36.3	44.9	57.3
-72.5°	0.0	1.4	2.7	4.0	6.4	10.1	14.8	20.3	28.0	35.5	43.0
-75°	0.0	1.2	2.3	3.5	4.8	7.7	11.6	15.4	19.6	26.1	32.6
-77.5°	0.0	1.0	1.9	2.9	3.9	5.3	8.3	11.4	14.5	17.7	22.1
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.9	7.2	9.7	12.2	14.8
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.8	6.6	8.5
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
85°	3.8	3.8	4.3	4.6	5.1	5.4	5.5	5.5	6.2	7.0	8.0
82.5°	9.5	10.2	10.6	10.7	10.9	10.8	10.7	10.6	13.1	16.2	19.8
80°	16.0	16.7	19.3	22.0	23.4	23.4	22.1	19.7	23.4	29.2	36.3
77.5°	26.1	30.0	34.0	38.2	39.0	37.0	33.8	29.3	34.5	44.9	56.7
75°	38.0	43.3	49.2	53.6	53.7	50.4	46.2	45.3	54.1	66.7	77.0
72.5°	52.0	59.6	65.4	69.2	68.8	68.3	69.9	73.6	80.8	90.0	98.1
70°	68.8	76.5	80.7	82.7	83.4	87.6	93.8	98.5	103.7	112.7	121.1
67.5°	85.6	91.4	95.1	97.7	104.7	112.7	118.9	124.7	131.0	140.3	147.9
65°	100.4	106.4	111.7	119.5	129.7	137.3	144.7	152.4	163.4	173.8	180.0
62.5°	114.9	121.3	129.3	139.9	151.0	160.7	172.8	186.5	200.8	211.4	223.6
60°	126.2	135.3	146.6	159.3	172.5	188.3	203.8	219.8	234.5	248.7	266.7
57.5°	137.0	150.1	164.2	179.0	196.6	216.3	235.2	252.5	270.9	290.8	311.0
55°	148.7	165.8	181.5	199.3	220.7	245.7	266.8	287.2	309.3	342.7	371.9
52.5°	161.6	180.5	198.3	220.0	246.6	273.2	297.2	325.9	362.8	412.4	492.9
50°	173.7	194.1	214.9	242.9	271.6	299.7	334.5	374.4	448.2	540.8	702.9
47.5°	185.8	207.4	234.9	265.2	296.5	333.6	377.5	464.9	565.6	796.1	1025.9
45°	197.8	223.5	253.9	288.2	325.5	372.1	463.4	571.2	845.0	1110.3	1386.5
42.5°	209.6	239.5	274.3	310.8	359.6	443.9	561.6	846.2	1142.7	1447.3	1712.4
40°	222.8	254.5	294.8	341.1	405.6	533.5	797.8	1118.2	1452.4	1740.1	1998.1
37.5°	235.4	272.9	316.6	370.5	486.5	700.0	1040.5	1395.8	1719.5	2000.6	2276.2
35°	246.8	290.6	342.7	423.6	565.7	917.6	1286.7	1648.1	1957.4	2257.6	2559.1
32.5°	260.3	307.8	367.8	493.9	747.5	1127.7	1520.5	1864.8	2188.7	2508.8	2853.1
30°	275.2	329.1	402.8	561.0	927.5	1331.8	1720.9	2072.7	2408.5	2764.0	3132.8
27.5°	289.3	349.6	460.7	691.1	1096.8	1522.4	1903.3	2265.3	2625.8	3004.4	3401.4
25°	302.0	369.1	515.0	833.8	1260.2	1685.0	2071.1	2439.5	2828.8	3240.2	3658.0
22.5°	315.8	388.1	564.0	963.7	1409.7	1829.8	2219.3	2609.9	3021.9	3458.0	3893.8
20°	330.6	428.7	644.6	1083.7	1545.5	1961.3	2352.3	2768.2	3202.6	3654.3	4114.6
17.5°	344.1	464.6	741.0	1197.4	1659.7	2075.6	2472.0	2911.6	3359.8	3832.0	4316.8
15°	356.2	495.6	825.9	1298.1	1756.6	2172.7	2588.7	3038.9	3499.5	3991.3	4494.9
12.5°	366.9	521.9	898.8	1385.1	1838.4	2255.8	2686.9	3146.2	3624.0	4130.5	4655.3
10°	376.0	543.3	959.5	1457.9	1904.9	2324.3	2765.6	3235.6	3723.1	4242.7	4784.7
7.5°	381.8	561.0	1007.5	1516.0	1956.2	2378.0	2825.0	3305.9	3795.6	4330.2	4882.5
5°	385.5	575.4	1042.2	1559.0	1993.6	2418.4	2867.8	3356.5	3842.1	4391.6	4948.4
2.5°	387.3	585.4	1063.3	1586.5	2017.1	2446.8	2903.3	3400.9	3891.0	4435.4	4999.3
0°	387.1	590.5	1071.0	1598.2	2026.0	2459.8	2920.7	3423.8	3922.4	4454.1	5034.1
-2.5°	387.3	585.4	1063.3	1586.5	2017.1	2446.8	2903.3	3400.9	3891.0	4435.4	4999.3
-5°	385.5	575.4	1042.2	1559.0	1993.6	2418.4	2867.8	3356.5	3842.1	4391.6	4948.4
-7.5°	381.8	561.0	1007.5	1516.0	1956.2	2378.0	2825.0	3305.9	3795.6	4330.2	4882.5
-10°	376.0	543.3	959.5	1457.9	1904.9	2324.3	2765.6	3235.6	3723.1	4242.7	4784.7
-12.5°	366.9	521.9	898.8	1385.1	1838.4	2255.8	2686.9	3146.2	3624.0	4130.5	4655.3
-15°	356.2	495.6	825.9	1298.1	1756.6	2172.7	2588.7	3038.9	3499.5	3991.3	4494.9
-17.5°	344.1	464.6	741.0	1197.4	1659.7	2075.6	2472.0	2911.6	3359.8	3832.0	4316.8
-20°	330.6	428.7	644.6	1083.7	1545.5	1961.3	2352.3	2768.2	3202.6	3654.3	4114.6



REPORT NUMBER: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	315.8	388.1	564.0	963.7	1409.7	1829.8	2219.3	2609.9	3021.9	3458.0	3893.8
-25°	302.0	369.1	515.0	833.8	1260.2	1685.0	2071.1	2439.5	2828.8	3240.2	3658.0
-27.5°	289.3	349.6	460.7	691.1	1096.8	1522.4	1903.3	2265.3	2625.8	3004.4	3401.4
-30°	275.2	329.1	402.8	561.0	927.5	1331.8	1720.9	2072.7	2408.5	2764.0	3132.8
-32.5°	260.3	307.8	367.8	493.9	747.5	1127.7	1520.5	1864.8	2188.7	2508.8	2853.1
-35°	246.8	290.6	342.7	423.6	565.7	917.6	1286.7	1648.1	1957.4	2257.6	2559.1
-37.5°	235.4	272.9	316.6	370.5	486.5	700.0	1040.5	1395.8	1719.5	2000.6	2276.2
-40°	222.8	254.5	294.8	341.1	405.6	533.5	797.8	1118.2	1452.4	1740.1	1998.1
-42.5°	209.6	239.5	274.3	310.8	359.6	443.9	561.6	846.2	1142.7	1447.3	1712.4
-45°	197.8	223.5	253.9	288.2	325.5	372.1	463.4	571.2	845.0	1110.3	1386.5
-47.5°	185.8	207.4	234.9	265.2	296.5	333.6	377.5	464.9	565.6	796.1	1025.9
-50°	173.7	194.1	214.9	242.9	271.6	299.7	334.5	374.4	448.2	540.8	702.9
-52.5°	161.6	180.5	198.3	220.0	246.6	273.2	297.2	325.9	362.8	412.4	492.9
-55°	148.7	165.8	181.5	199.3	220.7	245.7	266.8	287.2	309.3	342.7	371.9
-57.5°	137.0	150.1	164.2	179.0	196.6	216.3	235.2	252.5	270.9	290.8	311.0
-60°	126.2	135.3	146.6	159.3	172.5	188.3	203.8	219.8	234.5	248.7	266.7
-62.5°	114.9	121.3	129.3	139.9	151.0	160.7	172.8	186.5	200.8	211.4	223.6
-65°	100.4	106.4	111.7	119.5	129.7	137.3	144.7	152.4	163.4	173.8	180.0
-67.5°	85.6	91.4	95.1	97.7	104.7	112.7	118.9	124.7	131.0	140.3	147.9
-70°	68.8	76.5	80.7	82.7	83.4	87.6	93.8	98.5	103.7	112.7	121.1
-72.5°	52.0	59.6	65.4	69.2	68.8	68.3	69.9	73.6	80.8	90.0	98.1
-75°	38.0	43.3	49.2	53.6	53.7	50.4	46.2	45.3	54.1	66.7	77.0
-77.5°	26.1	30.0	34.0	38.2	39.0	37.0	33.8	29.3	34.5	44.9	56.7
-80°	16.0	16.7	19.3	22.0	23.4	23.4	22.1	19.7	23.4	29.2	36.3
-82.5°	9.5	10.2	10.6	10.7	10.9	10.8	10.7	10.6	13.1	16.2	19.8
-85°	3.8	3.8	4.3	4.6	5.1	5.4	5.5	5.5	6.2	7.0	8.0
-87.5°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
-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: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	9.2	9.0	8.7	8.2	7.6	7.9	8.1	8.3	8.5	7.9	7.3
82.5°	23.7	25.4	27.0	28.8	30.7	30.4	29.5	28.3	26.7	23.8	20.6
80°	44.3	48.4	51.2	53.4	55.2	53.5	50.9	47.9	44.6	39.6	34.2
77.5°	68.7	72.9	75.1	77.7	80.5	81.1	81.3	81.5	81.9	72.6	60.9
75°	85.4	90.9	95.4	99.4	102.9	104.7	105.9	107.0	108.1	95.8	79.8
72.5°	104.9	110.3	114.6	119.0	122.8	125.7	128.0	129.9	131.4	121.4	107.4
70°	127.8	133.1	138.1	142.6	147.0	151.0	154.5	157.9	160.9	161.5	162.2
67.5°	153.6	156.8	162.7	168.4	175.1	180.1	185.6	190.8	195.5	199.6	202.9
65°	185.6	197.0	208.5	214.1	214.6	221.8	233.0	239.3	241.2	242.6	246.1
62.5°	239.2	253.9	261.6	271.7	285.6	300.7	306.5	314.8	324.9	336.4	346.7
60°	281.9	294.4	313.0	331.9	348.8	364.1	401.3	434.3	462.5	486.9	510.3
57.5°	334.8	355.4	383.9	435.3	482.2	524.7	597.3	685.9	764.9	834.0	894.7
55°	419.1	479.2	533.2	654.5	784.0	896.1	1001.0	1113.2	1204.6	1276.0	1342.1
52.5°	563.0	728.1	895.4	1052.8	1207.6	1348.4	1474.8	1574.3	1652.0	1710.3	1765.4
50°	901.3	1100.3	1304.1	1491.9	1643.9	1782.7	1914.3	2013.0	2095.5	2166.6	2229.6
47.5°	1270.2	1503.1	1695.7	1868.8	2032.6	2186.7	2330.6	2450.7	2552.4	2646.2	2724.3
45°	1637.2	1845.5	2043.0	2228.7	2407.0	2579.7	2734.5	2871.1	3005.7	3116.9	3204.9
42.5°	1947.5	2168.1	2378.2	2590.7	2790.0	2983.7	3170.8	3336.9	3479.9	3601.4	3699.2
40°	2245.4	2483.2	2732.7	2968.6	3205.4	3426.4	3633.6	3823.3	3986.1	4130.0	4251.8
37.5°	2548.6	2826.2	3100.4	3369.3	3630.1	3870.5	4108.3	4327.1	4517.9	4686.3	4827.7
35°	2868.5	3174.5	3472.9	3775.8	4060.6	4338.9	4601.7	4842.6	5053.9	5252.2	5422.7
32.5°	3189.1	3520.6	3856.5	4184.4	4499.9	4811.5	5099.8	5371.3	5621.1	5840.7	6022.7
30°	3501.2	3866.2	4225.6	4582.8	4942.9	5282.4	5601.8	5900.0	6171.0	6410.1	6616.9
27.5°	3800.6	4193.0	4578.5	4987.1	5378.3	5747.7	6094.6	6415.2	6717.7	6989.7	7224.4
25°	4077.8	4494.5	4943.9	5372.3	5791.0	6200.6	6580.8	6929.1	7275.0	7574.1	7829.0
22.5°	4339.6	4804.7	5277.8	5727.1	6189.1	6639.5	7065.0	7468.7	7838.1	8151.6	8423.3
20°	4588.5	5089.1	5576.5	6074.0	6574.3	7060.2	7528.8	7960.2	8350.4	8692.1	8998.6
17.5°	4823.7	5341.6	5859.6	6390.9	6931.1	7442.0	7938.5	8407.7	8833.8	9212.8	9558.4
15°	5027.0	5562.3	6116.9	6681.6	7246.6	7789.9	8316.7	8827.9	9307.3	9719.9	10068.4
12.5°	5199.9	5757.5	6344.2	6936.6	7532.3	8101.7	8660.1	9207.1	9716.7	10160.3	10518.1
10°	5343.3	5927.5	6540.3	7157.4	7768.3	8360.0	8940.7	9506.7	10054.1	10513.9	10881.3
7.5°	5462.8	6069.3	6696.4	7332.1	7948.5	8562.9	9168.6	9740.4	10279.6	10764.5	11142.1
5°	5552.0	6168.7	6809.0	7460.6	8086.4	8722.8	9346.5	9931.6	10465.4	10904.8	11213.1
2.5°	5618.5	6230.6	6882.2	7538.0	8172.2	8831.5	9468.5	10054.2	10600.6	11016.5	11283.4
0°	5663.7	6264.7	6948.6	7591.8	8236.5	8912.8	9542.4	10134.4	10682.7	11089.4	11365.0
-2.5°	5618.5	6230.6	6882.2	7538.0	8172.2	8831.5	9468.5	10054.2	10600.6	11016.5	11283.4
-5°	5552.0	6168.7	6809.0	7460.6	8086.4	8722.8	9346.5	9931.6	10465.4	10904.8	11213.1
-7.5°	5462.8	6069.3	6696.4	7332.1	7948.5	8562.9	9168.6	9740.4	10279.6	10764.5	11142.1
-10°	5343.3	5927.5	6540.3	7157.4	7768.3	8360.0	8940.7	9506.7	10054.1	10513.9	10881.3
-12.5°	5199.9	5757.5	6344.2	6936.6	7532.3	8101.7	8660.1	9207.1	9716.7	10160.3	10518.1
-15°	5027.0	5562.3	6116.9	6681.6	7246.6	7789.9	8316.7	8827.9	9307.3	9719.9	10068.4
-17.5°	4823.7	5341.6	5859.6	6390.9	6931.1	7442.0	7938.5	8407.7	8833.8	9212.8	9558.4
-20°	4588.5	5089.1	5576.5	6074.0	6574.3	7060.2	7528.8	7960.2	8350.4	8692.1	8998.6



REPORT NUMBER: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4339.6	4804.7	5277.8	5727.1	6189.1	6639.5	7065.0	7468.7	7838.1	8151.6	8423.3
-25°	4077.8	4494.5	4943.9	5372.3	5791.0	6200.6	6580.8	6929.1	7275.0	7574.1	7829.0
-27.5°	3800.6	4193.0	4578.5	4987.1	5378.3	5747.7	6094.6	6415.2	6717.7	6989.7	7224.4
-30°	3501.2	3866.2	4225.6	4582.8	4942.9	5282.4	5601.8	5900.0	6171.0	6410.1	6616.9
-32.5°	3189.1	3520.6	3856.5	4184.4	4499.9	4811.5	5099.8	5371.3	5621.1	5840.7	6022.7
-35°	2868.5	3174.5	3472.9	3775.8	4060.6	4338.9	4601.7	4842.6	5053.9	5252.2	5422.7
-37.5°	2548.6	2826.2	3100.4	3369.3	3630.1	3870.5	4108.3	4327.1	4517.9	4686.3	4827.7
-40°	2245.4	2483.2	2732.7	2968.6	3205.4	3426.4	3633.6	3823.3	3986.1	4130.0	4251.8
-42.5°	1947.5	2168.1	2378.2	2590.7	2790.0	2983.7	3170.8	3336.9	3479.9	3601.4	3699.2
-45°	1637.2	1845.5	2043.0	2228.7	2407.0	2579.7	2734.5	2871.1	3005.7	3116.9	3204.9
-47.5°	1270.2	1503.1	1695.7	1868.8	2032.6	2186.7	2330.6	2450.7	2552.4	2646.2	2724.3
-50°	901.3	1100.3	1304.1	1491.9	1643.9	1782.7	1914.3	2013.0	2095.5	2166.6	2229.6
-52.5°	563.0	728.1	895.4	1052.8	1207.6	1348.4	1474.8	1574.3	1652.0	1710.3	1765.4
-55°	419.1	479.2	533.2	654.5	784.0	896.1	1001.0	1113.2	1204.6	1276.0	1342.1
-57.5°	334.8	355.4	383.9	435.3	482.2	524.7	597.3	685.9	764.9	834.0	894.7
-60°	281.9	294.4	313.0	331.9	348.8	364.1	401.3	434.3	462.5	486.9	510.3
-62.5°	239.2	253.9	261.6	271.7	285.6	300.7	306.5	314.8	324.9	336.4	346.7
-65°	185.6	197.0	208.5	214.1	214.6	221.8	233.0	239.3	241.2	242.6	246.1
-67.5°	153.6	156.8	162.7	168.4	175.1	180.1	185.6	190.8	195.5	199.6	202.9
-70°	127.8	133.1	138.1	142.6	147.0	151.0	154.5	157.9	160.9	161.5	162.2
-72.5°	104.9	110.3	114.6	119.0	122.8	125.7	128.0	129.9	131.4	121.4	107.4
-75°	85.4	90.9	95.4	99.4	102.9	104.7	105.9	107.0	108.1	95.8	79.8
-77.5°	68.7	72.9	75.1	77.7	80.5	81.1	81.3	81.5	81.9	72.6	60.9
-80°	44.3	48.4	51.2	53.4	55.2	53.5	50.9	47.9	44.6	39.6	34.2
-82.5°	23.7	25.4	27.0	28.8	30.7	30.4	29.5	28.3	26.7	23.8	20.6
-85°	9.2	9.0	8.7	8.2	7.6	7.9	8.1	8.3	8.5	7.9	7.3
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-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: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	6.7	6.0	6.0	6.0	6.0	6.0	6.7	7.3	7.9	8.5	8.3
82.5°	17.2	13.6	14.3	15.1	14.3	13.6	17.2	20.6	23.8	26.7	28.3
80°	28.5	22.6	23.3	24.1	23.3	22.6	28.5	34.2	39.6	44.6	47.9
77.5°	48.3	35.0	33.8	33.1	33.8	35.0	48.3	60.9	72.6	81.9	81.5
75°	63.2	46.1	45.1	45.2	45.1	46.1	63.2	79.8	95.8	108.1	107.0
72.5°	93.2	78.8	68.8	58.7	68.8	78.8	93.2	107.4	121.4	131.4	129.9
70°	163.9	165.9	165.1	162.7	165.1	165.9	163.9	162.2	161.5	160.9	157.9
67.5°	205.7	207.9	208.3	207.9	208.3	207.9	205.7	202.9	199.6	195.5	190.8
65°	248.6	250.0	251.2	251.6	251.2	250.0	248.6	246.1	242.6	241.2	239.3
62.5°	354.5	359.7	365.2	369.0	365.2	359.7	354.5	346.7	336.4	324.9	314.8
60°	530.7	547.6	555.1	555.8	555.1	547.6	530.7	510.3	486.9	462.5	434.3
57.5°	943.3	979.7	1012.1	1036.3	1012.1	979.7	943.3	894.7	834.0	764.9	685.9
55°	1394.8	1433.4	1455.2	1461.1	1455.2	1433.4	1394.8	1342.1	1276.0	1204.6	1113.2
52.5°	1807.3	1833.0	1857.4	1878.4	1857.4	1833.0	1807.3	1765.4	1710.3	1652.0	1574.3
50°	2277.1	2305.7	2329.8	2348.3	2329.8	2305.7	2277.1	2229.6	2166.6	2095.5	2013.0
47.5°	2779.2	2814.2	2840.1	2857.5	2840.1	2814.2	2779.2	2724.3	2646.2	2552.4	2450.7
45°	3280.2	3340.2	3376.8	3383.2	3376.8	3340.2	3280.2	3204.9	3116.9	3005.7	2871.1
42.5°	3783.8	3841.3	3880.2	3908.8	3880.2	3841.3	3783.8	3699.2	3601.4	3479.9	3336.9
40°	4353.3	4425.6	4458.8	4437.6	4458.8	4425.6	4353.3	4251.8	4130.0	3986.1	3823.3
37.5°	4936.7	5011.0	5049.4	5047.6	5049.4	5011.0	4936.7	4827.7	4686.3	4517.9	4327.1
35°	5555.3	5647.4	5697.3	5684.8	5697.3	5647.4	5555.3	5422.7	5252.2	5053.9	4842.6
32.5°	6168.1	6279.5	6351.5	6362.6	6351.5	6279.5	6168.1	6022.7	5840.7	5621.1	5371.3
30°	6782.8	6903.2	6974.7	6981.7	6974.7	6903.2	6782.8	6616.9	6410.1	6171.0	5900.0
27.5°	7421.5	7556.2	7631.0	7649.0	7631.0	7556.2	7421.5	7224.4	6989.7	6717.7	6415.2
25°	8046.4	8195.9	8281.9	8314.8	8281.9	8195.9	8046.4	7829.0	7574.1	7275.0	6929.1
22.5°	8649.0	8812.9	8924.9	8953.5	8924.9	8812.9	8649.0	8423.3	8151.6	7838.1	7468.7
20°	9253.3	9446.8	9590.0	9604.2	9590.0	9446.8	9253.3	8998.6	8692.1	8350.4	7960.2
17.5°	9835.2	10044.6	10197.9	10235.3	10197.9	10044.6	9835.2	9558.4	9212.8	8833.8	8407.7
15°	10356.1	10575.9	10724.0	10756.5	10724.0	10575.9	10356.1	10068.4	9719.9	9307.3	8827.9
12.5°	10805.7	11008.3	11146.5	11199.3	11146.5	11008.3	10805.7	10518.1	10160.3	9716.7	9207.1
10°	11167.9	11324.3	11447.9	11503.6	11447.9	11324.3	11167.9	10881.3	10513.9	10054.1	9506.7
7.5°	11370.0	11498.8	11584.3	11615.1	11584.3	11498.8	11370.0	11142.1	10764.5	10279.6	9740.4
5°	11450.0	11573.4	11619.7	11646.7	11619.7	11573.4	11450.0	11213.1	10904.8	10465.4	9931.6
2.5°	11460.8	11559.6	11654.9	11717.5	11654.9	11559.6	11460.8	11283.4	11016.5	10600.6	10054.2
0°	11524.7	11621.1	11673.8	11704.0	11673.8	11621.1	11524.7	11365.0	11089.4	10682.7	10134.4
-2.5°	11460.8	11559.6	11654.9	11717.5	11654.9	11559.6	11460.8	11283.4	11016.5	10600.6	10054.2
-5°	11450.0	11573.4	11619.7	11646.7	11619.7	11573.4	11450.0	11213.1	10904.8	10465.4	9931.6
-7.5°	11370.0	11498.8	11584.3	11615.1	11584.3	11498.8	11370.0	11142.1	10764.5	10279.6	9740.4
-10°	11167.9	11324.3	11447.9	11503.6	11447.9	11324.3	11167.9	10881.3	10513.9	10054.1	9506.7
-12.5°	10805.7	11008.3	11146.5	11199.3	11146.5	11008.3	10805.7	10518.1	10160.3	9716.7	9207.1
-15°	10356.1	10575.9	10724.0	10756.5	10724.0	10575.9	10356.1	10068.4	9719.9	9307.3	8827.9
-17.5°	9835.2	10044.6	10197.9	10235.3	10197.9	10044.6	9835.2	9558.4	9212.8	8833.8	8407.7
-20°	9253.3	9446.8	9590.0	9604.2	9590.0	9446.8	9253.3	8998.6	8692.1	8350.4	7960.2



REPORT NUMBER: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8649.0	8812.9	8924.9	8953.5	8924.9	8812.9	8649.0	8423.3	8151.6	7838.1	7468.7
-25°	8046.4	8195.9	8281.9	8314.8	8281.9	8195.9	8046.4	7829.0	7574.1	7275.0	6929.1
-27.5°	7421.5	7556.2	7631.0	7649.0	7631.0	7556.2	7421.5	7224.4	6989.7	6717.7	6415.2
-30°	6782.8	6903.2	6974.7	6981.7	6974.7	6903.2	6782.8	6616.9	6410.1	6171.0	5900.0
-32.5°	6168.1	6279.5	6351.5	6362.6	6351.5	6279.5	6168.1	6022.7	5840.7	5621.1	5371.3
-35°	5555.3	5647.4	5697.3	5684.8	5697.3	5647.4	5555.3	5422.7	5252.2	5053.9	4842.6
-37.5°	4936.7	5011.0	5049.4	5047.6	5049.4	5011.0	4936.7	4827.7	4686.3	4517.9	4327.1
-40°	4353.3	4425.6	4458.8	4437.6	4458.8	4425.6	4353.3	4251.8	4130.0	3986.1	3823.3
-42.5°	3783.8	3841.3	3880.2	3908.8	3880.2	3841.3	3783.8	3699.2	3601.4	3479.9	3336.9
-45°	3280.2	3340.2	3376.8	3383.2	3376.8	3340.2	3280.2	3204.9	3116.9	3005.7	2871.1
-47.5°	2779.2	2814.2	2840.1	2857.5	2840.1	2814.2	2779.2	2724.3	2646.2	2552.4	2450.7
-50°	2277.1	2305.7	2329.8	2348.3	2329.8	2305.7	2277.1	2229.6	2166.6	2095.5	2013.0
-52.5°	1807.3	1833.0	1857.4	1878.4	1857.4	1833.0	1807.3	1765.4	1710.3	1652.0	1574.3
-55°	1394.8	1433.4	1455.2	1461.1	1455.2	1433.4	1394.8	1342.1	1276.0	1204.6	1113.2
-57.5°	943.3	979.7	1012.1	1036.3	1012.1	979.7	943.3	894.7	834.0	764.9	685.9
-60°	530.7	547.6	555.1	555.8	555.1	547.6	530.7	510.3	486.9	462.5	434.3
-62.5°	354.5	359.7	365.2	369.0	365.2	359.7	354.5	346.7	336.4	324.9	314.8
-65°	248.6	250.0	251.2	251.6	251.2	250.0	248.6	246.1	242.6	241.2	239.3
-67.5°	205.7	207.9	208.3	207.9	208.3	207.9	205.7	202.9	199.6	195.5	190.8
-70°	163.9	165.9	165.1	162.7	165.1	165.9	163.9	162.2	161.5	160.9	157.9
-72.5°	93.2	78.8	68.8	58.7	68.8	78.8	93.2	107.4	121.4	131.4	129.9
-75°	63.2	46.1	45.1	45.2	45.1	46.1	63.2	79.8	95.8	108.1	107.0
-77.5°	48.3	35.0	33.8	33.1	33.8	35.0	48.3	60.9	72.6	81.9	81.5
-80°	28.5	22.6	23.3	24.1	23.3	22.6	28.5	34.2	39.6	44.6	47.9
-82.5°	17.2	13.6	14.3	15.1	14.3	13.6	17.2	20.6	23.8	26.7	28.3
-85°	6.7	6.0	6.0	6.0	6.0	6.0	6.7	7.3	7.9	8.5	8.3
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	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



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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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	2.1
85°	8.1	7.9	7.6	8.2	8.7	9.0	9.2	8.0	7.0	6.2	5.5
82.5°	29.5	30.4	30.7	28.8	27.0	25.4	23.7	19.8	16.2	13.1	10.6
80°	50.9	53.5	55.2	53.4	51.2	48.4	44.3	36.3	29.2	23.4	19.7
77.5°	81.3	81.1	80.5	77.7	75.1	72.9	68.7	56.7	44.9	34.5	29.3
75°	105.9	104.7	102.9	99.4	95.4	90.9	85.4	77.0	66.7	54.1	45.3
72.5°	128.0	125.7	122.8	119.0	114.6	110.3	104.9	98.1	90.0	80.8	73.6
70°	154.5	151.0	147.0	142.6	138.1	133.1	127.8	121.1	112.7	103.7	98.5
67.5°	185.6	180.1	175.1	168.4	162.7	156.8	153.6	147.9	140.3	131.0	124.7
65°	233.0	221.8	214.6	214.1	208.5	197.0	185.6	180.0	173.8	163.4	152.4
62.5°	306.5	300.7	285.6	271.7	261.6	253.9	239.2	223.6	211.4	200.8	186.5
60°	401.3	364.1	348.8	331.9	313.0	294.4	281.9	266.7	248.7	234.5	219.8
57.5°	597.3	524.7	482.2	435.3	383.9	355.4	334.8	311.0	290.8	270.9	252.5
55°	1001.0	896.1	784.0	654.5	533.2	479.2	419.1	371.9	342.7	309.3	287.2
52.5°	1474.8	1348.4	1207.6	1052.8	895.4	728.1	563.0	492.9	412.4	362.8	325.9
50°	1914.3	1782.7	1643.9	1491.9	1304.1	1100.3	901.3	702.9	540.8	448.2	374.4
47.5°	2330.6	2186.7	2032.6	1868.8	1695.7	1503.1	1270.2	1025.9	796.1	565.6	464.9
45°	2734.5	2579.7	2407.0	2228.7	2043.0	1845.5	1637.2	1386.5	1110.3	845.0	571.2
42.5°	3170.8	2983.7	2790.0	2590.7	2378.2	2168.1	1947.5	1712.4	1447.3	1142.7	846.2
40°	3633.6	3426.4	3205.4	2968.6	2732.7	2483.2	2245.4	1998.1	1740.1	1452.4	1118.2
37.5°	4108.3	3870.5	3630.1	3369.3	3100.4	2826.2	2548.6	2276.2	2000.6	1719.5	1395.8
35°	4601.7	4338.9	4060.6	3775.8	3472.9	3174.5	2868.5	2559.1	2257.6	1957.4	1648.1
32.5°	5099.8	4811.5	4499.9	4184.4	3856.5	3520.6	3189.1	2853.1	2508.8	2188.7	1864.8
30°	5601.8	5282.4	4942.9	4582.8	4225.6	3866.2	3501.2	3132.8	2764.0	2408.5	2072.7
27.5°	6094.6	5747.7	5378.3	4987.1	4578.5	4193.0	3800.6	3401.4	3004.4	2625.8	2265.3
25°	6580.8	6200.6	5791.0	5372.3	4943.9	4494.5	4077.8	3658.0	3240.2	2828.8	2439.5
22.5°	7065.0	6639.5	6189.1	5727.1	5277.8	4804.7	4339.6	3893.8	3458.0	3021.9	2609.9
20°	7528.8	7060.2	6574.3	6074.0	5576.5	5089.1	4588.5	4114.6	3654.3	3202.6	2768.2
17.5°	7938.5	7442.0	6931.1	6390.9	5859.6	5341.6	4823.7	4316.8	3832.0	3359.8	2911.6
15°	8316.7	7789.9	7246.6	6681.6	6116.9	5562.3	5027.0	4494.9	3991.3	3499.5	3038.9
12.5°	8660.1	8101.7	7532.3	6936.6	6344.2	5757.5	5199.9	4655.3	4130.5	3624.0	3146.2
10°	8940.7	8360.0	7768.3	7157.4	6540.3	5927.5	5343.3	4784.7	4242.7	3723.1	3235.6
7.5°	9168.6	8562.9	7948.5	7332.1	6696.4	6069.3	5462.8	4882.5	4330.2	3795.6	3305.9
5°	9346.5	8722.8	8086.4	7460.6	6809.0	6168.7	5552.0	4948.4	4391.6	3842.1	3356.5
2.5°	9468.5	8831.5	8172.2	7538.0	6882.2	6230.6	5618.5	4999.3	4435.4	3891.0	3400.9
0°	9542.4	8912.8	8236.5	7591.8	6948.6	6264.7	5663.7	5034.1	4454.1	3922.4	3423.8
-2.5°	9468.5	8831.5	8172.2	7538.0	6882.2	6230.6	5618.5	4999.3	4435.4	3891.0	3400.9
-5°	9346.5	8722.8	8086.4	7460.6	6809.0	6168.7	5552.0	4948.4	4391.6	3842.1	3356.5
-7.5°	9168.6	8562.9	7948.5	7332.1	6696.4	6069.3	5462.8	4882.5	4330.2	3795.6	3305.9
-10°	8940.7	8360.0	7768.3	7157.4	6540.3	5927.5	5343.3	4784.7	4242.7	3723.1	3235.6
-12.5°	8660.1	8101.7	7532.3	6936.6	6344.2	5757.5	5199.9	4655.3	4130.5	3624.0	3146.2
-15°	8316.7	7789.9	7246.6	6681.6	6116.9	5562.3	5027.0	4494.9	3991.3	3499.5	3038.9
-17.5°	7938.5	7442.0	6931.1	6390.9	5859.6	5341.6	4823.7	4316.8	3832.0	3359.8	2911.6
-20°	7528.8	7060.2	6574.3	6074.0	5576.5	5089.1	4588.5	4114.6	3654.3	3202.6	2768.2



REPORT NUMBER: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7065.0	6639.5	6189.1	5727.1	5277.8	4804.7	4339.6	3893.8	3458.0	3021.9	2609.9
-25°	6580.8	6200.6	5791.0	5372.3	4943.9	4494.5	4077.8	3658.0	3240.2	2828.8	2439.5
-27.5°	6094.6	5747.7	5378.3	4987.1	4578.5	4193.0	3800.6	3401.4	3004.4	2625.8	2265.3
-30°	5601.8	5282.4	4942.9	4582.8	4225.6	3866.2	3501.2	3132.8	2764.0	2408.5	2072.7
-32.5°	5099.8	4811.5	4499.9	4184.4	3856.5	3520.6	3189.1	2853.1	2508.8	2188.7	1864.8
-35°	4601.7	4338.9	4060.6	3775.8	3472.9	3174.5	2868.5	2559.1	2257.6	1957.4	1648.1
-37.5°	4108.3	3870.5	3630.1	3369.3	3100.4	2826.2	2548.6	2276.2	2000.6	1719.5	1395.8
-40°	3633.6	3426.4	3205.4	2968.6	2732.7	2483.2	2245.4	1998.1	1740.1	1452.4	1118.2
-42.5°	3170.8	2983.7	2790.0	2590.7	2378.2	2168.1	1947.5	1712.4	1447.3	1142.7	846.2
-45°	2734.5	2579.7	2407.0	2228.7	2043.0	1845.5	1637.2	1386.5	1110.3	845.0	571.2
-47.5°	2330.6	2186.7	2032.6	1868.8	1695.7	1503.1	1270.2	1025.9	796.1	565.6	464.9
-50°	1914.3	1782.7	1643.9	1491.9	1304.1	1100.3	901.3	702.9	540.8	448.2	374.4
-52.5°	1474.8	1348.4	1207.6	1052.8	895.4	728.1	563.0	492.9	412.4	362.8	325.9
-55°	1001.0	896.1	784.0	654.5	533.2	479.2	419.1	371.9	342.7	309.3	287.2
-57.5°	597.3	524.7	482.2	435.3	383.9	355.4	334.8	311.0	290.8	270.9	252.5
-60°	401.3	364.1	348.8	331.9	313.0	294.4	281.9	266.7	248.7	234.5	219.8
-62.5°	306.5	300.7	285.6	271.7	261.6	253.9	239.2	223.6	211.4	200.8	186.5
-65°	233.0	221.8	214.6	214.1	208.5	197.0	185.6	180.0	173.8	163.4	152.4
-67.5°	185.6	180.1	175.1	168.4	162.7	156.8	153.6	147.9	140.3	131.0	124.7
-70°	154.5	151.0	147.0	142.6	138.1	133.1	127.8	121.1	112.7	103.7	98.5
-72.5°	128.0	125.7	122.8	119.0	114.6	110.3	104.9	98.1	90.0	80.8	73.6
-75°	105.9	104.7	102.9	99.4	95.4	90.9	85.4	77.0	66.7	54.1	45.3
-77.5°	81.3	81.1	80.5	77.7	75.1	72.9	68.7	56.7	44.9	34.5	29.3
-80°	50.9	53.5	55.2	53.4	51.2	48.4	44.3	36.3	29.2	23.4	19.7
-82.5°	29.5	30.4	30.7	28.8	27.0	25.4	23.7	19.8	16.2	13.1	10.6
-85°	8.1	7.9	7.6	8.2	8.7	9.0	9.2	8.0	7.0	6.2	5.5
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558915 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.4
85°	5.5	5.4	5.1	4.6	4.3	3.8	3.8	3.8	3.4	3.1	2.7
82.5°	10.7	10.8	10.9	10.7	10.6	10.2	9.5	8.5	6.6	4.8	4.0
80°	22.1	23.4	23.4	22.0	19.3	16.7	16.0	14.8	12.2	9.7	7.2
77.5°	33.8	37.0	39.0	38.2	34.0	30.0	26.1	22.1	17.7	14.5	11.4
75°	46.2	50.4	53.7	53.6	49.2	43.3	38.0	32.6	26.1	19.6	15.4
72.5°	69.9	68.3	68.8	69.2	65.4	59.6	52.0	43.0	35.5	28.0	20.3
70°	93.8	87.6	83.4	82.7	80.7	76.5	68.8	57.3	44.9	36.3	27.6
67.5°	118.9	112.7	104.7	97.7	95.1	91.4	85.6	72.0	57.4	44.5	34.8
65°	144.7	137.3	129.7	119.5	111.7	106.4	100.4	85.9	69.5	54.6	41.8
62.5°	172.8	160.7	151.0	139.9	129.3	121.3	114.9	99.3	81.3	64.2	49.4
60°	203.8	188.3	172.5	159.3	146.6	135.3	126.2	112.7	94.0	73.4	57.0
57.5°	235.2	216.3	196.6	179.0	164.2	150.1	137.0	123.9	106.7	84.6	63.8
55°	266.8	245.7	220.7	199.3	181.5	165.8	148.7	134.0	118.7	96.3	69.1
52.5°	297.2	273.2	246.6	220.0	198.3	180.5	161.6	144.2	128.0	108.0	77.0
50°	334.5	299.7	271.6	242.9	214.9	194.1	173.7	154.8	137.3	118.6	84.3
47.5°	377.5	333.6	296.5	265.2	234.9	207.4	185.8	164.9	146.5	126.9	90.7
45°	463.4	372.1	325.5	288.2	253.9	223.5	197.8	174.3	154.9	130.4	96.1
42.5°	561.6	443.9	359.6	310.8	274.3	239.5	209.6	184.7	162.6	132.8	99.1
40°	797.8	533.5	405.6	341.1	294.8	254.5	222.8	195.0	169.2	134.2	100.2
37.5°	1040.5	700.0	486.5	370.5	316.6	272.9	235.4	205.0	172.0	135.6	100.5
35°	1286.7	917.6	565.7	423.6	342.7	290.6	246.8	214.9	178.3	137.0	100.0
32.5°	1520.5	1127.7	747.5	493.9	367.8	307.8	260.3	224.7	186.3	138.4	98.7
30°	1720.9	1331.8	927.5	561.0	402.8	329.1	275.2	234.1	195.9	139.8	97.2
27.5°	1903.3	1522.4	1096.8	691.1	460.7	349.6	289.3	242.8	206.9	143.2	97.5
25°	2071.1	1685.0	1260.2	833.8	515.0	369.1	302.0	251.1	215.6	150.6	97.6
22.5°	2219.3	1829.8	1409.7	963.7	564.0	388.1	315.8	261.7	222.2	158.4	97.4
20°	2352.3	1961.3	1545.5	1083.7	644.6	428.7	330.6	271.1	228.2	166.5	96.8
17.5°	2472.0	2075.6	1659.7	1197.4	741.0	464.6	344.1	279.3	233.6	174.7	95.9
15°	2588.7	2172.7	1756.6	1298.1	825.9	495.6	356.2	286.4	238.4	182.6	95.4
12.5°	2686.9	2255.8	1838.4	1385.1	898.8	521.9	366.9	292.2	242.4	189.6	94.8
10°	2765.6	2324.3	1904.9	1457.9	959.5	543.3	376.0	296.6	245.6	195.4	92.9
7.5°	2825.0	2378.0	1956.2	1516.0	1007.5	561.0	381.8	299.2	248.1	200.0	89.9
5°	2867.8	2418.4	1993.6	1559.0	1042.2	575.4	385.5	300.5	250.0	203.3	86.1
2.5°	2903.3	2446.8	2017.1	1586.5	1063.3	585.4	387.3	300.7	251.2	205.0	81.7
0°	2920.7	2459.8	2026.0	1598.2	1071.0	590.5	387.1	299.8	251.6	204.9	76.8
-2.5°	2903.3	2446.8	2017.1	1586.5	1063.3	585.4	387.3	300.7	251.2	205.0	81.7
-5°	2867.8	2418.4	1993.6	1559.0	1042.2	575.4	385.5	300.5	250.0	203.3	86.1
-7.5°	2825.0	2378.0	1956.2	1516.0	1007.5	561.0	381.8	299.2	248.1	200.0	89.9
-10°	2765.6	2324.3	1904.9	1457.9	959.5	543.3	376.0	296.6	245.6	195.4	92.9
-12.5°	2686.9	2255.8	1838.4	1385.1	898.8	521.9	366.9	292.2	242.4	189.6	94.8
-15°	2588.7	2172.7	1756.6	1298.1	825.9	495.6	356.2	286.4	238.4	182.6	95.4
-17.5°	2472.0	2075.6	1659.7	1197.4	741.0	464.6	344.1	279.3	233.6	174.7	95.9
-20°	2352.3	1961.3	1545.5	1083.7	644.6	428.7	330.6	271.1	228.2	166.5	96.8



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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°	2219.3	1829.8	1409.7	963.7	564.0	388.1	315.8	261.7	222.2	158.4	97.4
-25°	2071.1	1685.0	1260.2	833.8	515.0	369.1	302.0	251.1	215.6	150.6	97.6
-27.5°	1903.3	1522.4	1096.8	691.1	460.7	349.6	289.3	242.8	206.9	143.2	97.5
-30°	1720.9	1331.8	927.5	561.0	402.8	329.1	275.2	234.1	195.9	139.8	97.2
-32.5°	1520.5	1127.7	747.5	493.9	367.8	307.8	260.3	224.7	186.3	138.4	98.7
-35°	1286.7	917.6	565.7	423.6	342.7	290.6	246.8	214.9	178.3	137.0	100.0
-37.5°	1040.5	700.0	486.5	370.5	316.6	272.9	235.4	205.0	172.0	135.6	100.5
-40°	797.8	533.5	405.6	341.1	294.8	254.5	222.8	195.0	169.2	134.2	100.2
-42.5°	561.6	443.9	359.6	310.8	274.3	239.5	209.6	184.7	162.6	132.8	99.1
-45°	463.4	372.1	325.5	288.2	253.9	223.5	197.8	174.3	154.9	130.4	96.1
-47.5°	377.5	333.6	296.5	265.2	234.9	207.4	185.8	164.9	146.5	126.9	90.7
-50°	334.5	299.7	271.6	242.9	214.9	194.1	173.7	154.8	137.3	118.6	84.3
-52.5°	297.2	273.2	246.6	220.0	198.3	180.5	161.6	144.2	128.0	108.0	77.0
-55°	266.8	245.7	220.7	199.3	181.5	165.8	148.7	134.0	118.7	96.3	69.1
-57.5°	235.2	216.3	196.6	179.0	164.2	150.1	137.0	123.9	106.7	84.6	63.8
-60°	203.8	188.3	172.5	159.3	146.6	135.3	126.2	112.7	94.0	73.4	57.0
-62.5°	172.8	160.7	151.0	139.9	129.3	121.3	114.9	99.3	81.3	64.2	49.4
-65°	144.7	137.3	129.7	119.5	111.7	106.4	100.4	85.9	69.5	54.6	41.8
-67.5°	118.9	112.7	104.7	97.7	95.1	91.4	85.6	72.0	57.4	44.5	34.8
-70°	93.8	87.6	83.4	82.7	80.7	76.5	68.8	57.3	44.9	36.3	27.6
-72.5°	69.9	68.3	68.8	69.2	65.4	59.6	52.0	43.0	35.5	28.0	20.3
-75°	46.2	50.4	53.7	53.6	49.2	43.3	38.0	32.6	26.1	19.6	15.4
-77.5°	33.8	37.0	39.0	38.2	34.0	30.0	26.1	22.1	17.7	14.5	11.4
-80°	22.1	23.4	23.4	22.0	19.3	16.7	16.0	14.8	12.2	9.7	7.2
-82.5°	10.7	10.8	10.9	10.7	10.6	10.2	9.5	8.5	6.6	4.8	4.0
-85°	5.5	5.4	5.1	4.6	4.3	3.8	3.8	3.8	3.4	3.1	2.7
-87.5°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	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



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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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.9	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	8.3	5.3	3.9	2.9	1.9	1.0	0.0
75°	11.6	7.7	4.8	3.5	2.3	1.2	0.0
72.5°	14.8	10.1	6.4	4.0	2.7	1.4	0.0
70°	18.2	12.3	7.9	4.7	3.1	1.5	0.0
67.5°	23.7	14.4	9.3	5.6	3.4	1.7	0.0
65°	28.9	17.2	10.7	6.5	3.8	1.9	0.0
62.5°	33.8	20.6	12.0	7.3	4.2	2.1	0.0
60°	38.2	23.8	13.2	8.0	4.5	2.2	0.0
57.5°	42.6	26.6	15.1	8.8	4.9	2.4	0.0
55°	46.6	29.1	16.8	9.4	5.4	2.6	0.0
52.5°	50.0	31.4	18.3	10.0	5.8	2.7	0.0
50°	52.8	33.4	19.6	10.6	6.2	2.9	0.0
47.5°	55.4	35.1	20.6	11.1	6.6	3.0	0.0
45°	59.9	36.3	21.5	11.7	7.0	3.2	0.0
42.5°	63.7	37.1	22.1	12.2	7.3	3.3	0.0
40°	66.6	37.6	22.5	12.7	7.7	3.4	0.0
37.5°	68.9	37.6	22.6	13.4	8.0	3.6	0.0
35°	70.4	38.4	22.6	14.0	8.3	3.7	0.0
32.5°	70.7	39.4	22.2	14.5	8.6	3.8	0.0
30°	69.4	40.0	21.7	15.0	8.9	3.9	0.0
27.5°	67.5	40.0	22.2	15.5	9.1	4.0	0.0
25°	65.0	39.5	22.9	16.0	9.4	4.1	0.0
22.5°	62.1	39.5	23.5	16.4	9.6	4.2	0.0
20°	58.6	41.3	24.1	16.7	9.8	4.2	0.0
17.5°	58.0	43.0	24.7	17.0	9.9	4.3	0.0
15°	59.2	44.4	25.2	17.3	10.1	4.3	0.0
12.5°	60.3	45.6	25.6	17.6	10.2	4.4	0.0
10°	61.2	46.5	26.1	17.8	10.3	4.4	0.0
7.5°	61.9	47.3	26.4	17.9	10.4	4.5	0.0
5°	62.6	47.8	26.7	18.0	10.5	4.5	0.0
2.5°	63.0	48.1	26.9	18.1	10.5	4.5	0.0
0°	63.3	48.2	27.1	18.1	10.5	4.5	0.0
-2.5°	63.0	48.1	26.9	18.1	10.5	4.5	0.0
-5°	62.6	47.8	26.7	18.0	10.5	4.5	0.0
-7.5°	61.9	47.3	26.4	17.9	10.4	4.5	0.0
-10°	61.2	46.5	26.1	17.8	10.3	4.4	0.0
-12.5°	60.3	45.6	25.6	17.6	10.2	4.4	0.0
-15°	59.2	44.4	25.2	17.3	10.1	4.3	0.0
-17.5°	58.0	43.0	24.7	17.0	9.9	4.3	0.0
-20°	58.6	41.3	24.1	16.7	9.8	4.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.1	39.5	23.5	16.4	9.6	4.2	0.0
-25°	65.0	39.5	22.9	16.0	9.4	4.1	0.0
-27.5°	67.5	40.0	22.2	15.5	9.1	4.0	0.0
-30°	69.4	40.0	21.7	15.0	8.9	3.9	0.0
-32.5°	70.7	39.4	22.2	14.5	8.6	3.8	0.0
-35°	70.4	38.4	22.6	14.0	8.3	3.7	0.0
-37.5°	68.9	37.6	22.6	13.4	8.0	3.6	0.0
-40°	66.6	37.6	22.5	12.7	7.7	3.4	0.0
-42.5°	63.7	37.1	22.1	12.2	7.3	3.3	0.0
-45°	59.9	36.3	21.5	11.7	7.0	3.2	0.0
-47.5°	55.4	35.1	20.6	11.1	6.6	3.0	0.0
-50°	52.8	33.4	19.6	10.6	6.2	2.9	0.0
-52.5°	50.0	31.4	18.3	10.0	5.8	2.7	0.0
-55°	46.6	29.1	16.8	9.4	5.4	2.6	0.0
-57.5°	42.6	26.6	15.1	8.8	4.9	2.4	0.0
-60°	38.2	23.8	13.2	8.0	4.5	2.2	0.0
-62.5°	33.8	20.6	12.0	7.3	4.2	2.1	0.0
-65°	28.9	17.2	10.7	6.5	3.8	1.9	0.0
-67.5°	23.7	14.4	9.3	5.6	3.4	1.7	0.0
-70°	18.2	12.3	7.9	4.7	3.1	1.5	0.0
-72.5°	14.8	10.1	6.4	4.0	2.7	1.4	0.0
-75°	11.6	7.7	4.8	3.5	2.3	1.2	0.0
-77.5°	8.3	5.3	3.9	2.9	1.9	1.0	0.0
-80°	4.9	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)