

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: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4E-927-U-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

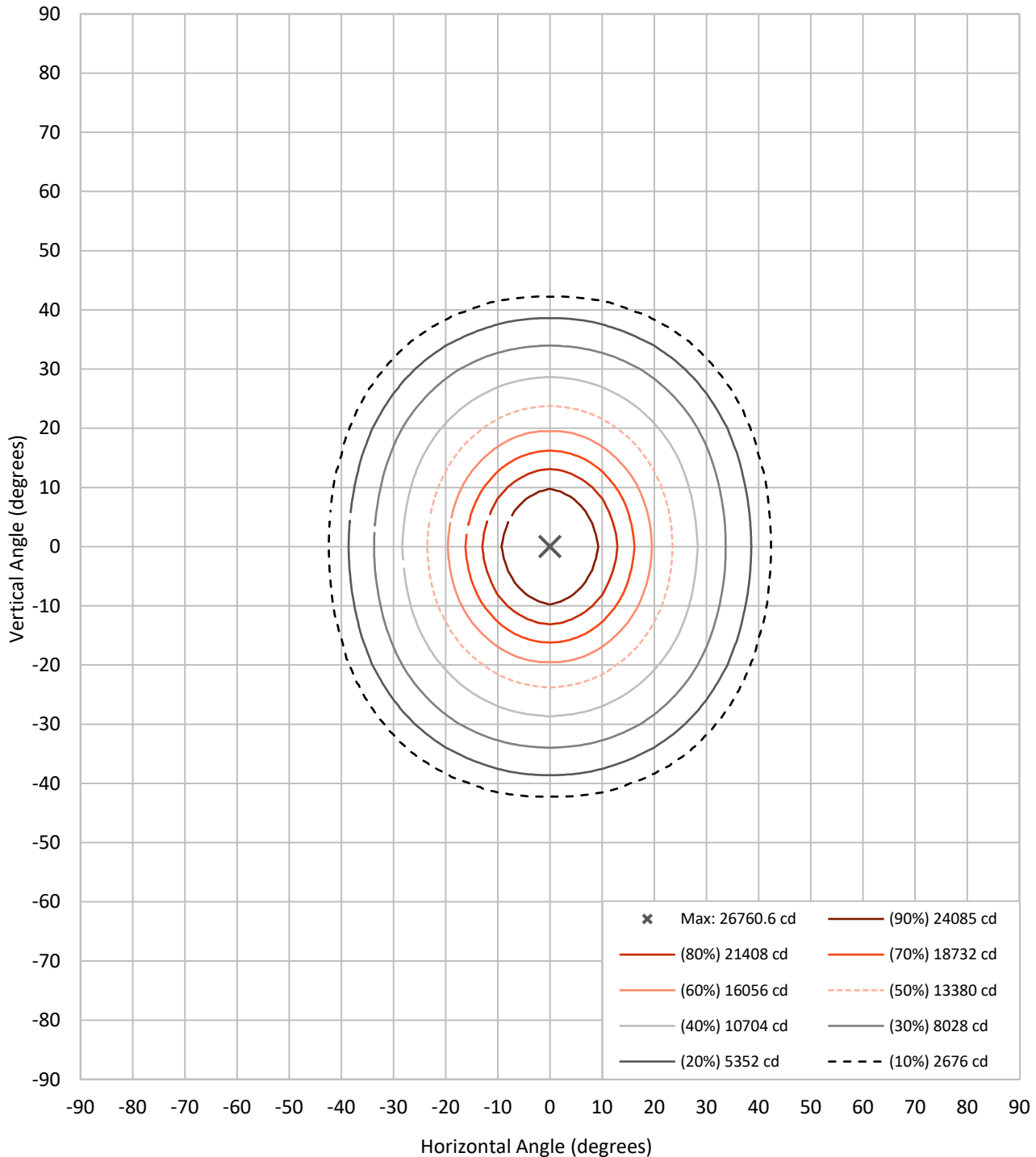
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	20831.7 lumens	Max Intensity:	26760.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	9829.8 lumens	Field Lumens:	18915.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 250  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





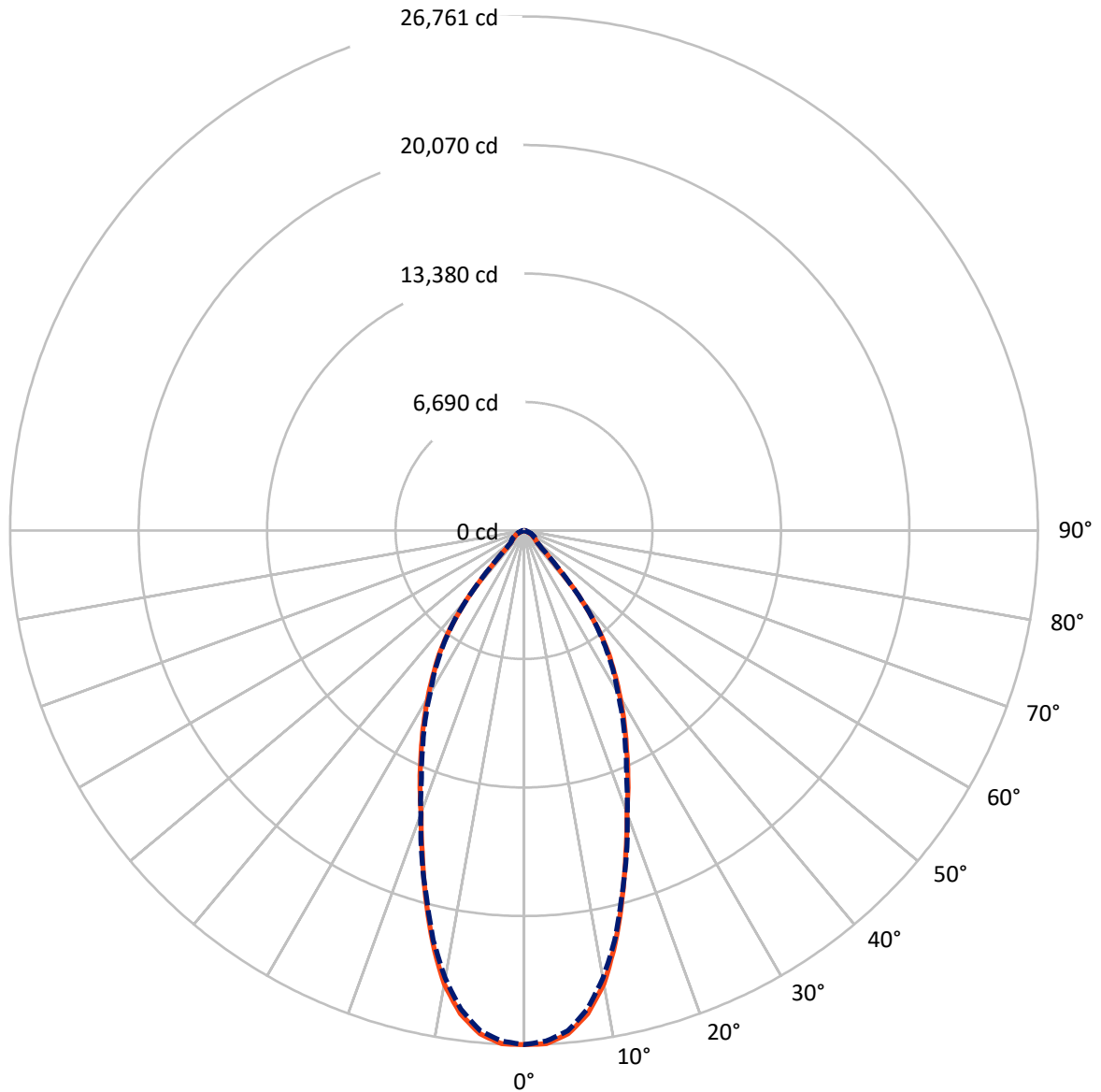
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### Lumen Table

90	0.3	2.6	5.7	9.4	7.3	9.4	5.7	2.6	0.3							
80	0.3	2.6	5.7	9.4	7.3	9.4	5.7	2.6	0.3							
70	1.5	1.7	3.0	4.7	6.6	8.3	9.5	10.3	10.3	9.5	8.3	6.6	4.7	3.0	1.7	1.5
60		2.5	5.0	8.3	12.0	14.9	17.1	18.8	18.8	17.1	14.9	12.0	8.3	5.0	2.5	
50	2.2	3.3	7.0	11.7	17.0	23.4	37.0	51.8	51.8	37.0	23.4	17.0	11.7	7.0	3.3	2.2
40		4.0	8.7	14.6	27.5	87.8	170.9	217.8	217.8	170.9	87.8	27.5	14.6	8.7	4.0	
30	2.4	4.7	10.2	18.3	80.3	209.7	309.5	374.7	374.7	309.5	209.7	80.3	18.3	10.2	4.7	2.4
20		5.3	11.3	28.0	146.0	289.5	439.8	572.5	572.5	439.8	289.5	146.0	28.0	11.3	5.3	
10	2.5	5.6	12.3	38.7	177.8	337.8	553.2	748.2	748.2	553.2	337.8	177.8	38.7	12.3	5.6	2.5
0		5.6	12.3	38.7	177.8	337.8	553.2	748.2	748.2	553.2	337.8	177.8	38.7	12.3	5.6	
-10	2.4	5.3	11.3	28.0	146.0	289.5	439.8	572.5	572.5	439.8	289.5	146.0	28.0	11.3	5.3	2.4
-20		4.7	10.2	18.3	80.3	209.7	309.5	374.7	374.7	309.5	209.7	80.3	18.3	10.2	4.7	
-30	2.2	4.0	8.7	14.6	27.5	87.8	170.9	217.8	217.8	170.9	87.8	27.5	14.6	8.7	4.0	2.2
-40		3.3	7.0	11.7	17.0	23.4	37.0	51.8	51.8	37.0	23.4	17.0	11.7	7.0	3.3	
-50	1.5	2.5	5.0	8.3	12.0	14.9	17.1	18.8	18.8	17.1	14.9	12.0	8.3	5.0	2.5	1.5
-60		1.7	3.0	4.7	6.6	8.3	9.5	10.3	10.3	9.5	8.3	6.6	4.7	3.0	1.7	
-70	0.3	2.6	5.7	9.4	7.3	9.4	5.7	2.6	0.3							
-80		0.3	2.6	5.7	9.4	7.3	9.4	5.7	2.6	0.3						
-90	0.3	2.6	5.7	9.4	7.3	9.4	5.7	2.6	0.3							

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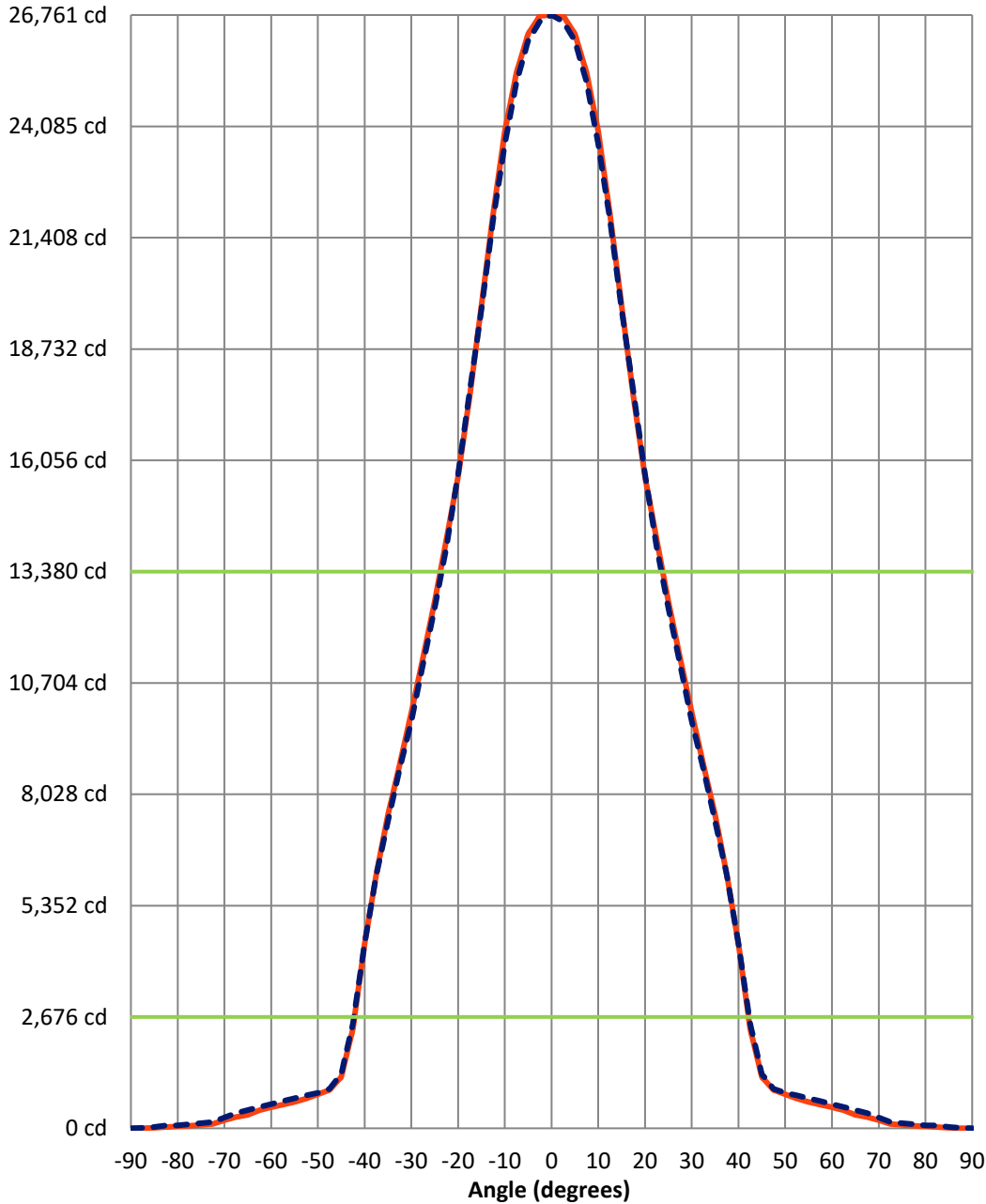
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 9829.8  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 18915.1  
Efficiency: 90.8%

**Spill:**  
Lumens: 1916.6  
Efficiency: 9.2%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.1	4.5	4.8	5.1
85°	0.0	0.9	1.7	2.9	4.2	5.6	7.3	8.2	9.0	9.6	10.2
82.5°	0.0	1.3	2.6	4.3	6.2	8.4	10.9	12.3	13.8	16.5	18.6
80°	0.0	1.7	3.5	5.7	8.3	11.2	15.0	19.9	23.8	26.8	28.9
77.5°	0.0	2.2	4.3	7.1	10.3	15.3	23.6	29.4	33.8	37.1	40.1
75°	0.0	2.6	5.2	8.5	12.8	21.8	31.9	39.0	44.1	49.7	53.9
72.5°	0.0	3.0	6.0	9.8	17.5	28.2	40.1	49.2	57.0	63.2	67.9
70°	0.0	3.4	6.8	11.5	22.1	34.3	48.3	61.1	69.8	76.9	88.0
67.5°	0.0	3.8	7.6	14.6	26.6	40.3	57.8	73.0	82.8	94.3	108.8
65°	0.0	4.2	8.4	17.6	31.0	46.8	66.9	85.0	96.4	110.9	128.4
62.5°	0.0	4.6	9.2	20.6	35.1	53.6	75.7	95.8	109.4	126.9	146.5
60°	0.0	5.0	10.0	23.4	39.1	60.1	83.9	105.7	121.7	143.1	164.4
57.5°	0.0	5.4	11.8	26.1	43.7	66.2	89.6	114.5	135.5	159.1	179.9
55°	0.0	5.7	13.5	28.7	48.1	71.9	94.4	120.9	149.4	174.1	194.3
52.5°	0.0	6.1	15.1	31.1	52.1	76.9	98.5	129.6	163.1	186.9	208.3
50°	0.0	6.4	16.7	33.4	55.9	79.3	101.9	137.6	175.8	199.4	223.9
47.5°	0.0	6.8	18.3	35.6	59.5	81.3	105.0	144.8	186.6	211.5	239.2
45°	0.0	7.1	19.7	38.0	62.7	82.8	110.0	150.8	192.2	224.6	253.9
42.5°	0.0	7.4	21.1	40.2	65.6	83.8	114.3	155.1	196.4	237.2	268.8
40°	0.0	7.7	22.5	42.5	67.1	84.2	117.9	158.0	200.2	248.4	283.3
37.5°	0.0	7.9	23.7	44.9	67.3	84.2	120.6	160.0	204.3	253.8	297.2
35°	0.0	8.2	24.9	47.2	67.2	85.3	122.5	161.1	207.7	262.0	310.5
32.5°	0.0	8.4	25.9	49.5	66.8	86.6	123.5	161.4	210.5	271.8	322.6
30°	0.0	8.7	26.9	51.6	66.1	87.4	123.4	161.4	212.7	283.3	334.6
27.5°	0.0	8.9	27.8	53.7	66.8	87.6	122.7	162.4	216.8	296.2	346.2
25°	0.0	9.1	28.7	55.7	67.6	87.3	121.3	162.9	225.5	307.0	357.8
22.5°	0.0	9.2	29.4	57.6	68.3	87.6	119.4	162.7	234.6	315.9	371.9
20°	0.0	9.4	30.1	59.4	68.8	89.8	116.9	161.8	243.8	324.2	384.7
17.5°	0.0	9.5	30.6	61.0	69.2	91.8	117.1	160.3	253.0	331.9	396.2
15°	0.0	9.7	31.1	62.6	69.6	93.5	118.8	159.8	261.7	338.9	406.2
12.5°	0.0	9.8	31.5	63.9	69.9	95.0	120.2	160.5	267.8	345.1	414.9
10°	0.0	9.8	31.8	65.2	70.0	96.2	121.3	160.1	270.3	350.3	422.3
7.5°	0.0	9.9	32.0	66.2	70.2	97.2	122.1	158.8	270.6	355.4	428.5
5°	0.0	10.0	32.1	67.1	70.3	97.9	122.6	156.7	268.7	359.9	433.2
2.5°	0.0	10.0	32.1	67.8	70.3	98.3	122.7	154.0	264.9	363.5	436.3
0°	0.0	10.0	32.1	68.3	70.3	98.4	122.6	150.7	259.2	365.6	438.0
-2.5°	0.0	10.0	32.1	67.8	70.3	98.3	122.7	154.0	264.9	363.5	436.3
-5°	0.0	10.0	32.1	67.1	70.3	97.9	122.6	156.7	268.7	359.9	433.2
-7.5°	0.0	9.9	32.0	66.2	70.2	97.2	122.1	158.8	270.6	355.4	428.5
-10°	0.0	9.8	31.8	65.2	70.0	96.2	121.3	160.1	270.3	350.3	422.3
-12.5°	0.0	9.8	31.5	63.9	69.9	95.0	120.2	160.5	267.8	345.1	414.9
-15°	0.0	9.7	31.1	62.6	69.6	93.5	118.8	159.8	261.7	338.9	406.2
-17.5°	0.0	9.5	30.6	61.0	69.2	91.8	117.1	160.3	253.0	331.9	396.2
-20°	0.0	9.4	30.1	59.4	68.8	89.8	116.9	161.8	243.8	324.2	384.7



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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	9.2	29.4	57.6	68.3	87.6	119.4	162.7	234.6	315.9	371.9
-25°	0.0	9.1	28.7	55.7	67.6	87.3	121.3	162.9	225.5	307.0	357.8
-27.5°	0.0	8.9	27.8	53.7	66.8	87.6	122.7	162.4	216.8	296.2	346.2
-30°	0.0	8.7	26.9	51.6	66.1	87.4	123.4	161.4	212.7	283.3	334.6
-32.5°	0.0	8.4	25.9	49.5	66.8	86.6	123.5	161.4	210.5	271.8	322.6
-35°	0.0	8.2	24.9	47.2	67.2	85.3	122.5	161.1	207.7	262.0	310.5
-37.5°	0.0	7.9	23.7	44.9	67.3	84.2	120.6	160.0	204.3	253.8	297.2
-40°	0.0	7.7	22.5	42.5	67.1	84.2	117.9	158.0	200.2	248.4	283.3
-42.5°	0.0	7.4	21.1	40.2	65.6	83.8	114.3	155.1	196.4	237.2	268.8
-45°	0.0	7.1	19.7	38.0	62.7	82.8	110.0	150.8	192.2	224.6	253.9
-47.5°	0.0	6.8	18.3	35.6	59.5	81.3	105.0	144.8	186.6	211.5	239.2
-50°	0.0	6.4	16.7	33.4	55.9	79.3	101.9	137.6	175.8	199.4	223.9
-52.5°	0.0	6.1	15.1	31.1	52.1	76.9	98.5	129.6	163.1	186.9	208.3
-55°	0.0	5.7	13.5	28.7	48.1	71.9	94.4	120.9	149.4	174.1	194.3
-57.5°	0.0	5.4	11.8	26.1	43.7	66.2	89.6	114.5	135.5	159.1	179.9
-60°	0.0	5.0	10.0	23.4	39.1	60.1	83.9	105.7	121.7	143.1	164.4
-62.5°	0.0	4.6	9.2	20.6	35.1	53.6	75.7	95.8	109.4	126.9	146.5
-65°	0.0	4.2	8.4	17.6	31.0	46.8	66.9	85.0	96.4	110.9	128.4
-67.5°	0.0	3.8	7.6	14.6	26.6	40.3	57.8	73.0	82.8	94.3	108.8
-70°	0.0	3.4	6.8	11.5	22.1	34.3	48.3	61.1	69.8	76.9	88.0
-72.5°	0.0	3.0	6.0	9.8	17.5	28.2	40.1	49.2	57.0	63.2	67.9
-75°	0.0	2.6	5.2	8.5	12.8	21.8	31.9	39.0	44.1	49.7	53.9
-77.5°	0.0	2.2	4.3	7.1	10.3	15.3	23.6	29.4	33.8	37.1	40.1
-80°	0.0	1.7	3.5	5.7	8.3	11.2	15.0	19.9	23.8	26.8	28.9
-82.5°	0.0	1.3	2.6	4.3	6.2	8.4	10.9	12.3	13.8	16.5	18.6
-85°	0.0	0.9	1.7	2.9	4.2	5.6	7.3	8.2	9.0	9.6	10.2
-87.5°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.1	4.5	4.8	5.1
-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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**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°	5.1	5.0	4.9	4.6	4.3	3.9	3.4	2.8	2.9	3.1	3.2
85°	10.3	10.1	10.8	11.6	11.8	11.8	11.4	10.7	12.3	14.1	16.0
82.5°	20.4	22.1	23.8	25.4	25.4	24.9	24.0	23.0	26.5	30.9	35.6
80°	31.5	34.1	38.0	42.0	43.1	42.8	41.4	39.2	44.1	51.2	59.3
77.5°	45.0	50.4	55.9	61.4	62.8	61.7	59.0	54.9	61.1	72.7	85.5
75°	59.7	66.6	75.3	82.2	83.7	81.3	77.2	73.6	81.2	95.5	109.2
72.5°	78.0	89.3	97.9	104.0	104.4	102.2	100.2	98.3	106.7	123.7	137.8
70°	101.3	112.7	119.4	123.0	123.9	125.2	130.9	136.3	144.7	159.2	170.8
67.5°	124.4	133.4	139.5	143.9	152.5	160.7	168.5	176.7	186.0	198.4	207.2
65°	145.0	154.3	162.2	172.6	185.2	195.2	205.7	217.2	230.0	241.6	250.1
62.5°	165.4	175.2	186.4	200.2	214.8	228.2	243.7	259.6	274.9	288.0	302.5
60°	182.1	195.3	210.3	226.9	244.5	264.8	283.4	301.7	318.6	335.0	355.3
57.5°	197.9	215.8	234.2	254.1	277.2	301.9	323.8	343.9	365.0	388.8	408.7
55°	214.6	237.1	258.2	282.3	309.8	339.6	363.6	386.3	412.2	440.9	463.2
52.5°	232.7	257.5	282.3	311.2	344.4	374.1	399.2	427.4	459.0	490.0	515.8
50°	250.2	277.7	306.4	343.0	376.0	404.3	435.5	469.6	502.5	534.4	565.0
47.5°	267.8	297.2	335.4	372.8	403.7	436.9	473.2	508.3	542.8	576.1	608.1
45°	285.1	319.9	362.3	397.8	432.2	470.3	507.8	544.6	581.0	616.3	651.3
42.5°	301.8	342.3	384.9	422.1	461.7	501.5	540.7	579.6	618.0	655.9	693.1
40°	320.0	362.6	407.5	448.1	489.4	530.9	572.2	613.2	653.8	693.9	733.4
37.5°	336.8	383.7	430.4	473.0	515.4	558.9	602.2	645.7	688.4	730.2	775.3
35°	351.8	405.0	452.2	496.8	541.3	585.4	631.2	677.0	722.0	767.3	824.8
32.5°	368.6	426.5	472.8	519.8	565.8	611.3	658.9	707.3	755.2	808.2	890.7
30°	387.6	444.4	492.3	541.7	588.9	636.6	685.8	736.4	786.7	869.2	1059.8
27.5°	406.1	460.9	511.2	561.8	610.4	660.0	711.5	763.8	834.1	960.8	1270.1
25°	423.2	476.8	529.0	580.2	630.4	681.8	735.1	789.5	884.8	1140.8	1824.0
22.5°	437.7	492.1	546.4	597.1	648.4	701.6	757.0	829.2	976.5	1322.5	2440.3
20°	450.0	506.7	562.1	614.8	665.4	719.2	776.9	867.0	1115.8	1841.3	3178.9
17.5°	461.5	519.9	576.7	631.7	684.8	737.6	796.8	899.6	1241.1	2292.2	3921.6
15°	472.0	531.7	590.1	647.6	702.6	757.5	828.2	992.3	1494.8	2739.9	4583.1
12.5°	481.4	542.1	602.5	662.2	718.4	775.2	856.3	1084.5	1805.4	3265.0	5034.6
10°	489.7	551.0	613.5	675.6	732.5	790.8	880.2	1160.1	2060.8	3696.9	5397.4
7.5°	497.4	559.6	623.7	687.4	744.6	804.2	899.6	1219.1	2258.1	4022.2	5687.0
5°	503.9	568.1	635.8	700.4	759.8	818.7	916.3	1261.5	2396.7	4241.4	5897.8
2.5°	508.9	575.1	646.3	711.8	776.6	836.4	935.4	1292.9	2486.1	4381.0	6032.7
0°	512.3	580.6	655.0	721.3	791.6	851.8	950.3	1307.9	2519.4	4432.0	6083.4
-2.5°	508.9	575.1	646.3	711.8	776.6	836.4	935.4	1292.9	2486.1	4381.0	6032.7
-5°	503.9	568.1	635.8	700.4	759.8	818.7	916.3	1261.5	2396.7	4241.4	5897.8
-7.5°	497.4	559.6	623.7	687.4	744.6	804.2	899.6	1219.1	2258.1	4022.2	5687.0
-10°	489.7	551.0	613.5	675.6	732.5	790.8	880.2	1160.1	2060.8	3696.9	5397.4
-12.5°	481.4	542.1	602.5	662.2	718.4	775.2	856.3	1084.5	1805.4	3265.0	5034.6
-15°	472.0	531.7	590.1	647.6	702.6	757.5	828.2	992.3	1494.8	2739.9	4583.1
-17.5°	461.5	519.9	576.7	631.7	684.8	737.6	796.8	899.6	1241.1	2292.2	3921.6
-20°	450.0	506.7	562.1	614.8	665.4	719.2	776.9	867.0	1115.8	1841.3	3178.9



REPORT NUMBER: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	437.7	492.1	546.4	597.1	648.4	701.6	757.0	829.2	976.5	1322.5	2440.3
-25°	423.2	476.8	529.0	580.2	630.4	681.8	735.1	789.5	884.8	1140.8	1824.0
-27.5°	406.1	460.9	511.2	561.8	610.4	660.0	711.5	763.8	834.1	960.8	1270.1
-30°	387.6	444.4	492.3	541.7	588.9	636.6	685.8	736.4	786.7	869.2	1059.8
-32.5°	368.6	426.5	472.8	519.8	565.8	611.3	658.9	707.3	755.2	808.2	890.7
-35°	351.8	405.0	452.2	496.8	541.3	585.4	631.2	677.0	722.0	767.3	824.8
-37.5°	336.8	383.7	430.4	473.0	515.4	558.9	602.2	645.7	688.4	730.2	775.3
-40°	320.0	362.6	407.5	448.1	489.4	530.9	572.2	613.2	653.8	693.9	733.4
-42.5°	301.8	342.3	384.9	422.1	461.7	501.5	540.7	579.6	618.0	655.9	693.1
-45°	285.1	319.9	362.3	397.8	432.2	470.3	507.8	544.6	581.0	616.3	651.3
-47.5°	267.8	297.2	335.4	372.8	403.7	436.9	473.2	508.3	542.8	576.1	608.1
-50°	250.2	277.7	306.4	343.0	376.0	404.3	435.5	469.6	502.5	534.4	565.0
-52.5°	232.7	257.5	282.3	311.2	344.4	374.1	399.2	427.4	459.0	490.0	515.8
-55°	214.6	237.1	258.2	282.3	309.8	339.6	363.6	386.3	412.2	440.9	463.2
-57.5°	197.9	215.8	234.2	254.1	277.2	301.9	323.8	343.9	365.0	388.8	408.7
-60°	182.1	195.3	210.3	226.9	244.5	264.8	283.4	301.7	318.6	335.0	355.3
-62.5°	165.4	175.2	186.4	200.2	214.8	228.2	243.7	259.6	274.9	288.0	302.5
-65°	145.0	154.3	162.2	172.6	185.2	195.2	205.7	217.2	230.0	241.6	250.1
-67.5°	124.4	133.4	139.5	143.9	152.5	160.7	168.5	176.7	186.0	198.4	207.2
-70°	101.3	112.7	119.4	123.0	123.9	125.2	130.9	136.3	144.7	159.2	170.8
-72.5°	78.0	89.3	97.9	104.0	104.4	102.2	100.2	98.3	106.7	123.7	137.8
-75°	59.7	66.6	75.3	82.2	83.7	81.3	77.2	73.6	81.2	95.5	109.2
-77.5°	45.0	50.4	55.9	61.4	62.8	61.7	59.0	54.9	61.1	72.7	85.5
-80°	31.5	34.1	38.0	42.0	43.1	42.8	41.4	39.2	44.1	51.2	59.3
-82.5°	20.4	22.1	23.8	25.4	25.4	24.9	24.0	23.0	26.5	30.9	35.6
-85°	10.3	10.1	10.8	11.6	11.8	11.8	11.4	10.7	12.3	14.1	16.0
-87.5°	5.1	5.0	4.9	4.6	4.3	3.9	3.4	2.8	2.9	3.1	3.2
-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: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-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°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.4	3.0
85°	18.1	17.5	16.6	15.4	13.9	14.7	15.5	16.3	17.1	16.0	14.8
82.5°	40.5	41.1	41.1	40.9	40.7	42.5	44.2	45.6	46.9	43.3	39.2
80°	68.3	71.5	73.4	75.2	76.7	76.7	75.7	73.8	71.3	65.3	58.5
77.5°	98.6	103.8	106.3	108.9	111.6	112.5	113.1	113.8	114.5	103.9	90.4
75°	122.4	130.0	134.4	138.5	142.3	144.5	145.7	146.4	146.8	134.0	117.5
72.5°	149.3	156.7	162.0	167.1	171.8	174.9	176.7	178.1	179.0	167.8	152.1
70°	179.0	184.9	191.2	197.5	203.3	207.2	209.8	211.9	213.5	212.4	211.6
67.5°	214.1	219.2	226.9	232.9	239.0	243.3	247.8	251.4	254.0	257.0	260.4
65°	258.1	270.4	281.7	287.4	288.2	294.4	304.6	311.2	314.5	317.1	320.4
62.5°	319.2	334.3	342.3	351.9	364.3	375.8	380.2	386.2	393.2	401.8	411.6
60°	371.6	384.1	396.9	410.2	421.6	431.1	441.5	451.8	461.1	469.7	478.1
57.5°	425.2	438.9	452.0	467.5	478.4	484.8	494.9	507.2	516.7	524.1	535.3
55°	480.8	498.5	516.3	530.3	540.5	547.3	554.9	566.8	573.8	576.5	589.5
52.5°	536.7	557.6	579.5	595.9	606.8	616.9	626.3	636.7	643.9	647.4	660.1
50°	588.5	613.3	637.8	659.2	673.6	690.5	709.6	719.0	725.1	731.8	746.0
47.5°	637.7	665.4	691.6	715.9	736.8	755.7	772.0	787.9	811.2	829.7	848.0
45°	685.0	714.6	743.0	770.2	793.5	830.5	865.8	895.8	976.0	1043.3	1094.7
42.5°	729.6	765.4	797.4	842.6	891.9	977.4	1109.3	1231.5	1468.0	1772.5	2026.8
40°	776.1	822.5	879.8	967.9	1134.7	1306.2	1818.9	2275.8	2725.1	3236.2	3674.1
37.5°	830.4	900.2	1068.1	1267.3	1802.2	2393.8	3120.4	3833.6	4454.7	4986.1	5429.8
35°	902.2	1118.0	1431.6	2157.6	2947.8	3917.8	4755.2	5426.0	6039.5	6531.9	6902.5
32.5°	1113.9	1508.7	2337.3	3335.7	4422.6	5359.7	6175.4	6817.7	7377.4	7818.7	8162.2
30°	1423.8	2331.2	3456.6	4652.4	5734.9	6629.7	7383.4	7995.6	8495.2	8944.2	9321.2
27.5°	2160.3	3328.0	4650.7	5870.3	6855.0	7692.8	8368.9	8975.3	9526.1	9998.9	10444.6
25°	2966.3	4411.7	5745.9	6855.9	7774.9	8560.9	9274.0	9937.3	10553.9	11107.3	11625.8
22.5°	3934.2	5375.7	6650.9	7678.2	8568.8	9376.1	10133.5	10871.7	11589.5	12264.9	12892.1
20°	4810.5	6225.4	7337.2	8363.3	9288.5	10129.8	10964.5	11824.9	12653.3	13466.8	14222.1
17.5°	5493.4	6809.7	7925.9	8965.9	9907.6	10860.4	11815.7	12804.0	13803.1	14747.8	15651.3
15°	6063.7	7297.1	8428.3	9468.2	10503.6	11554.8	12622.1	13786.3	14974.8	16105.5	17257.2
12.5°	6467.9	7703.8	8850.6	9894.1	11054.9	12196.1	13438.4	14765.3	16137.8	17454.9	18869.6
10°	6792.9	8028.3	9165.5	10290.5	11519.1	12784.4	14177.8	15639.2	17277.2	18836.7	20360.9
7.5°	7071.8	8299.0	9418.4	10613.8	11905.3	13296.1	14811.5	16463.8	18236.3	19971.6	21785.9
5°	7275.8	8483.5	9615.0	10878.9	12202.2	13669.9	15300.2	17065.8	18966.7	20868.2	22662.4
2.5°	7383.7	8588.7	9737.2	11043.3	12376.4	13896.4	15594.3	17465.7	19473.6	21548.4	23317.4
0°	7381.3	8632.9	9784.1	11154.3	12504.4	13964.9	15720.9	17721.9	19680.7	21836.4	23652.6
-2.5°	7383.7	8588.7	9737.2	11043.3	12376.4	13896.4	15594.3	17465.7	19473.6	21548.4	23317.4
-5°	7275.8	8483.5	9615.0	10878.9	12202.2	13669.9	15300.2	17065.8	18966.7	20868.2	22662.4
-7.5°	7071.8	8299.0	9418.4	10613.8	11905.3	13296.1	14811.5	16463.8	18236.3	19971.6	21785.9
-10°	6792.9	8028.3	9165.5	10290.5	11519.1	12784.4	14177.8	15639.2	17277.2	18836.7	20360.9
-12.5°	6467.9	7703.8	8850.6	9894.1	11054.9	12196.1	13438.4	14765.3	16137.8	17454.9	18869.6
-15°	6063.7	7297.1	8428.3	9468.2	10503.6	11554.8	12622.1	13786.3	14974.8	16105.5	17257.2
-17.5°	5493.4	6809.7	7925.9	8965.9	9907.6	10860.4	11815.7	12804.0	13803.1	14747.8	15651.3
-20°	4810.5	6225.4	7337.2	8363.3	9288.5	10129.8	10964.5	11824.9	12653.3	13466.8	14222.1



REPORT NUMBER: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3934.2	5375.7	6650.9	7678.2	8568.8	9376.1	10133.5	10871.7	11589.5	12264.9	12892.1
-25°	2966.3	4411.7	5745.9	6855.9	7774.9	8560.9	9274.0	9937.3	10553.9	11107.3	11625.8
-27.5°	2160.3	3328.0	4650.7	5870.3	6855.0	7692.8	8368.9	8975.3	9526.1	9998.9	10444.6
-30°	1423.8	2331.2	3456.6	4652.4	5734.9	6629.7	7383.4	7995.6	8495.2	8944.2	9321.2
-32.5°	1113.9	1508.7	2337.3	3335.7	4422.6	5359.7	6175.4	6817.7	7377.4	7818.7	8162.2
-35°	902.2	1118.0	1431.6	2157.6	2947.8	3917.8	4755.2	5426.0	6039.5	6531.9	6902.5
-37.5°	830.4	900.2	1068.1	1267.3	1802.2	2393.8	3120.4	3833.6	4454.7	4986.1	5429.8
-40°	776.1	822.5	879.8	967.9	1134.7	1306.2	1818.9	2275.8	2725.1	3236.2	3674.1
-42.5°	729.6	765.4	797.4	842.6	891.9	977.4	1109.3	1231.5	1468.0	1772.5	2026.8
-45°	685.0	714.6	743.0	770.2	793.5	830.5	865.8	895.8	976.0	1043.3	1094.7
-47.5°	637.7	665.4	691.6	715.9	736.8	755.7	772.0	787.9	811.2	829.7	848.0
-50°	588.5	613.3	637.8	659.2	673.6	690.5	709.6	719.0	725.1	731.8	746.0
-52.5°	536.7	557.6	579.5	595.9	606.8	616.9	626.3	636.7	643.9	647.4	660.1
-55°	480.8	498.5	516.3	530.3	540.5	547.3	554.9	566.8	573.8	576.5	589.5
-57.5°	425.2	438.9	452.0	467.5	478.4	484.8	494.9	507.2	516.7	524.1	535.3
-60°	371.6	384.1	396.9	410.2	421.6	431.1	441.5	451.8	461.1	469.7	478.1
-62.5°	319.2	334.3	342.3	351.9	364.3	375.8	380.2	386.2	393.2	401.8	411.6
-65°	258.1	270.4	281.7	287.4	288.2	294.4	304.6	311.2	314.5	317.1	320.4
-67.5°	214.1	219.2	226.9	232.9	239.0	243.3	247.8	251.4	254.0	257.0	260.4
-70°	179.0	184.9	191.2	197.5	203.3	207.2	209.8	211.9	213.5	212.4	211.6
-72.5°	149.3	156.7	162.0	167.1	171.8	174.9	176.7	178.1	179.0	167.8	152.1
-75°	122.4	130.0	134.4	138.5	142.3	144.5	145.7	146.4	146.8	134.0	117.5
-77.5°	98.6	103.8	106.3	108.9	111.6	112.5	113.1	113.8	114.5	103.9	90.4
-80°	68.3	71.5	73.4	75.2	76.7	76.7	75.7	73.8	71.3	65.3	58.5
-82.5°	40.5	41.1	41.1	40.9	40.7	42.5	44.2	45.6	46.9	43.3	39.2
-85°	18.1	17.5	16.6	15.4	13.9	14.7	15.5	16.3	17.1	16.0	14.8
-87.5°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.4	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-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°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	3.8
85°	13.4	12.0	12.1	12.1	12.1	12.0	13.4	14.8	16.0	17.1	16.3
82.5°	34.7	30.0	30.0	30.1	30.0	30.0	34.7	39.2	43.3	46.9	45.6
80°	51.5	44.2	45.1	46.2	45.1	44.2	51.5	58.5	65.3	71.3	73.8
77.5°	75.9	60.7	60.2	60.3	60.2	60.7	75.9	90.4	103.9	114.5	113.8
75°	100.5	83.1	82.3	82.4	82.3	83.1	100.5	117.5	134.0	146.8	146.4
72.5°	135.8	119.2	111.6	104.5	111.6	119.2	135.8	152.1	167.8	179.0	178.1
70°	211.8	212.3	204.9	194.9	204.9	212.3	211.8	211.6	212.4	213.5	211.9
67.5°	263.2	265.3	268.5	271.2	268.5	265.3	263.2	260.4	257.0	254.0	251.4
65°	321.9	321.8	322.9	323.5	322.9	321.8	321.9	320.4	317.1	314.5	311.2
62.5°	420.0	426.8	431.6	434.0	431.6	426.8	420.0	411.6	401.8	393.2	386.2
60°	485.1	490.6	498.5	506.3	498.5	490.6	485.1	478.1	469.7	461.1	451.8
57.5°	545.8	555.2	562.9	568.6	562.9	555.2	545.8	535.3	524.1	516.7	507.2
55°	601.9	612.8	623.4	632.9	623.4	612.8	601.9	589.5	576.5	573.8	566.8
52.5°	672.4	681.4	696.3	715.2	696.3	681.4	672.4	660.1	647.4	643.9	636.7
50°	762.4	776.0	794.9	817.7	794.9	776.0	762.4	746.0	731.8	725.1	719.0
47.5°	866.5	880.1	898.3	922.2	898.3	880.1	866.5	848.0	829.7	811.2	787.9
45°	1141.7	1173.8	1203.2	1235.6	1203.2	1173.8	1141.7	1094.7	1043.3	976.0	895.8
42.5°	2230.6	2371.5	2432.4	2396.8	2432.4	2371.5	2230.6	2026.8	1772.5	1468.0	1231.5
40°	4008.0	4242.2	4380.0	4428.0	4380.0	4242.2	4008.0	3674.1	3236.2	2725.1	2275.8
37.5°	5753.8	5969.4	6085.8	6099.5	6085.8	5969.4	5753.8	5429.8	4986.1	4454.7	3833.6
35°	7170.1	7347.7	7453.0	7531.9	7453.0	7347.7	7170.1	6902.5	6531.9	6039.5	5426.0
32.5°	8442.0	8644.4	8761.4	8735.4	8761.4	8644.4	8442.0	8162.2	7818.7	7377.4	6817.7
30°	9630.2	9851.5	9989.0	9993.0	9989.0	9851.5	9630.2	9321.2	8944.2	8495.2	7995.6
27.5°	10804.9	11053.4	11196.7	11309.0	11196.7	11053.4	10804.9	10444.6	9998.9	9526.1	8975.3
25°	12058.1	12367.8	12551.8	12663.1	12551.8	12367.8	12058.1	11625.8	11107.3	10553.9	9937.3
22.5°	13409.3	13793.0	14045.0	14149.8	14045.0	13793.0	13409.3	12892.1	12264.9	11589.5	10871.7
20°	14879.0	15354.4	15676.3	15666.6	15676.3	15354.4	14879.0	14222.1	13466.8	12653.3	11824.9
17.5°	16519.0	17132.3	17547.3	17607.4	17547.3	17132.3	16519.0	15651.3	14747.8	13803.1	12804.0
15°	18277.2	19067.9	19604.7	19771.1	19604.7	19067.9	18277.2	17257.2	16105.5	14974.8	13786.3
12.5°	20078.9	21019.4	21735.1	21973.0	21735.1	21019.4	20078.9	18869.6	17454.9	16137.8	14765.3
10°	21795.6	22837.3	23614.1	23958.0	23614.1	22837.3	21795.6	20360.9	18836.7	17277.2	15639.2
7.5°	23230.6	24289.2	25089.3	25372.4	25089.3	24289.2	23230.6	21785.9	19971.6	18236.3	16463.8
5°	24176.1	25332.5	25954.7	26304.6	25954.7	25332.5	24176.1	22662.4	20868.2	18966.7	17065.8
2.5°	24807.8	25788.4	26418.5	26740.5	26418.5	25788.4	24807.8	23317.4	21548.4	19473.6	17465.7
0°	25143.3	26141.8	26603.9	26760.6	26603.9	26141.8	25143.3	23652.6	21836.4	19680.7	17721.9
-2.5°	24807.8	25788.4	26418.5	26740.5	26418.5	25788.4	24807.8	23317.4	21548.4	19473.6	17465.7
-5°	24176.1	25332.5	25954.7	26304.6	25954.7	25332.5	24176.1	22662.4	20868.2	18966.7	17065.8
-7.5°	23230.6	24289.2	25089.3	25372.4	25089.3	24289.2	23230.6	21785.9	19971.6	18236.3	16463.8
-10°	21795.6	22837.3	23614.1	23958.0	23614.1	22837.3	21795.6	20360.9	18836.7	17277.2	15639.2
-12.5°	20078.9	21019.4	21735.1	21973.0	21735.1	21019.4	20078.9	18869.6	17454.9	16137.8	14765.3
-15°	18277.2	19067.9	19604.7	19771.1	19604.7	19067.9	18277.2	17257.2	16105.5	14974.8	13786.3
-17.5°	16519.0	17132.3	17547.3	17607.4	17547.3	17132.3	16519.0	15651.3	14747.8	13803.1	12804.0
-20°	14879.0	15354.4	15676.3	15666.6	15676.3	15354.4	14879.0	14222.1	13466.8	12653.3	11824.9



REPORT NUMBER: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13409.3	13793.0	14045.0	14149.8	14045.0	13793.0	13409.3	12892.1	12264.9	11589.5	10871.7
-25°	12058.1	12367.8	12551.8	12663.1	12551.8	12367.8	12058.1	11625.8	11107.3	10553.9	9937.3
-27.5°	10804.9	11053.4	11196.7	11309.0	11196.7	11053.4	10804.9	10444.6	9998.9	9526.1	8975.3
-30°	9630.2	9851.5	9989.0	9993.0	9989.0	9851.5	9630.2	9321.2	8944.2	8495.2	7995.6
-32.5°	8442.0	8644.4	8761.4	8735.4	8761.4	8644.4	8442.0	8162.2	7818.7	7377.4	6817.7
-35°	7170.1	7347.7	7453.0	7531.9	7453.0	7347.7	7170.1	6902.5	6531.9	6039.5	5426.0
-37.5°	5753.8	5969.4	6085.8	6099.5	6085.8	5969.4	5753.8	5429.8	4986.1	4454.7	3833.6
-40°	4008.0	4242.2	4380.0	4428.0	4380.0	4242.2	4008.0	3674.1	3236.2	2725.1	2275.8
-42.5°	2230.6	2371.5	2432.4	2396.8	2432.4	2371.5	2230.6	2026.8	1772.5	1468.0	1231.5
-45°	1141.7	1173.8	1203.2	1235.6	1203.2	1173.8	1141.7	1094.7	1043.3	976.0	895.8
-47.5°	866.5	880.1	898.3	922.2	898.3	880.1	866.5	848.0	829.7	811.2	787.9
-50°	762.4	776.0	794.9	817.7	794.9	776.0	762.4	746.0	731.8	725.1	719.0
-52.5°	672.4	681.4	696.3	715.2	696.3	681.4	672.4	660.1	647.4	643.9	636.7
-55°	601.9	612.8	623.4	632.9	623.4	612.8	601.9	589.5	576.5	573.8	566.8
-57.5°	545.8	555.2	562.9	568.6	562.9	555.2	545.8	535.3	524.1	516.7	507.2
-60°	485.1	490.6	498.5	506.3	498.5	490.6	485.1	478.1	469.7	461.1	451.8
-62.5°	420.0	426.8	431.6	434.0	431.6	426.8	420.0	411.6	401.8	393.2	386.2
-65°	321.9	321.8	322.9	323.5	322.9	321.8	321.9	320.4	317.1	314.5	311.2
-67.5°	263.2	265.3	268.5	271.2	268.5	265.3	263.2	260.4	257.0	254.0	251.4
-70°	211.8	212.3	204.9	194.9	204.9	212.3	211.8	211.6	212.4	213.5	211.9
-72.5°	135.8	119.2	111.6	104.5	111.6	119.2	135.8	152.1	167.8	179.0	178.1
-75°	100.5	83.1	82.3	82.4	82.3	83.1	100.5	117.5	134.0	146.8	146.4
-77.5°	75.9	60.7	60.2	60.3	60.2	60.7	75.9	90.4	103.9	114.5	113.8
-80°	51.5	44.2	45.1	46.2	45.1	44.2	51.5	58.5	65.3	71.3	73.8
-82.5°	34.7	30.0	30.0	30.1	30.0	30.0	34.7	39.2	43.3	46.9	45.6
-85°	13.4	12.0	12.1	12.1	12.1	12.0	13.4	14.8	16.0	17.1	16.3
-87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	3.8
-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: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-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°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
85°	15.5	14.7	13.9	15.4	16.6	17.5	18.1	16.0	14.1	12.3	10.7
82.5°	44.2	42.5	40.7	40.9	41.1	41.1	40.5	35.6	30.9	26.5	23.0
80°	75.7	76.7	76.7	75.2	73.4	71.5	68.3	59.3	51.2	44.1	39.2
77.5°	113.1	112.5	111.6	108.9	106.3	103.8	98.6	85.5	72.7	61.1	54.9
75°	145.7	144.5	142.3	138.5	134.4	130.0	122.4	109.2	95.5	81.2	73.6
72.5°	176.7	174.9	171.8	167.1	162.0	156.7	149.3	137.8	123.7	106.7	98.3
70°	209.8	207.2	203.3	197.5	191.2	184.9	179.0	170.8	159.2	144.7	136.3
67.5°	247.8	243.3	239.0	232.9	226.9	219.2	214.1	207.2	198.4	186.0	176.7
65°	304.6	294.4	288.2	287.4	281.7	270.4	258.1	250.1	241.6	230.0	217.2
62.5°	380.2	375.8	364.3	351.9	342.3	334.3	319.2	302.5	288.0	274.9	259.6
60°	441.5	431.1	421.6	410.2	396.9	384.1	371.6	355.3	335.0	318.6	301.7
57.5°	494.9	484.8	478.4	467.5	452.0	438.9	425.2	408.7	388.8	365.0	343.9
55°	554.9	547.3	540.5	530.3	516.3	498.5	480.8	463.2	440.9	412.2	386.3
52.5°	626.3	616.9	606.8	595.9	579.5	557.6	536.7	515.8	490.0	459.0	427.4
50°	709.6	690.5	673.6	659.2	637.8	613.3	588.5	565.0	534.4	502.5	469.6
47.5°	772.0	755.7	736.8	715.9	691.6	665.4	637.7	608.1	576.1	542.8	508.3
45°	865.8	830.5	793.5	770.2	743.0	714.6	685.0	651.3	616.3	581.0	544.6
42.5°	1109.3	977.4	891.9	842.6	797.4	765.4	729.6	693.1	655.9	618.0	579.6
40°	1818.9	1306.2	1134.7	967.9	879.8	822.5	776.1	733.4	693.9	653.8	613.2
37.5°	3120.4	2393.8	1802.2	1267.3	1068.1	900.2	830.4	775.3	730.2	688.4	645.7
35°	4755.2	3917.8	2947.8	2157.6	1431.6	1118.0	902.2	824.8	767.3	722.0	677.0
32.5°	6175.4	5359.7	4422.6	3335.7	2337.3	1508.7	1113.9	890.7	808.2	755.2	707.3
30°	7383.4	6629.7	5734.9	4652.4	3456.6	2331.2	1423.8	1059.8	869.2	786.7	736.4
27.5°	8368.9	7692.8	6855.0	5870.3	4650.7	3328.0	2160.3	1270.1	960.8	834.1	763.8
25°	9274.0	8560.9	7774.9	6855.9	5745.9	4411.7	2966.3	1824.0	1140.8	884.8	789.5
22.5°	10133.5	9376.1	8568.8	7678.2	6650.9	5375.7	3934.2	2440.3	1322.5	976.5	829.2
20°	10964.5	10129.8	9288.5	8363.3	7337.2	6225.4	4810.5	3178.9	1841.3	1115.8	867.0
17.5°	11815.7	10860.4	9907.6	8965.9	7925.9	6809.7	5493.4	3921.6	2292.2	1241.1	899.6
15°	12622.1	11554.8	10503.6	9468.2	8428.3	7297.1	6063.7	4583.1	2739.9	1494.8	992.3
12.5°	13438.4	12196.1	11054.9	9894.1	8850.6	7703.8	6467.9	5034.6	3265.0	1805.4	1084.5
10°	14177.8	12784.4	11519.1	10290.5	9165.5	8028.3	6792.9	5397.4	3696.9	2060.8	1160.1
7.5°	14811.5	13296.1	11905.3	10613.8	9418.4	8299.0	7071.8	5687.0	4022.2	2258.1	1219.1
5°	15300.2	13669.9	12202.2	10878.9	9615.0	8483.5	7275.8	5897.8	4241.4	2396.7	1261.5
2.5°	15594.3	13896.4	12376.4	11043.3	9737.2	8588.7	7383.7	6032.7	4381.0	2486.1	1292.9
0°	15720.9	13964.9	12504.4	11154.3	9784.1	8632.9	7381.3	6083.4	4432.0	2519.4	1307.9
-2.5°	15594.3	13896.4	12376.4	11043.3	9737.2	8588.7	7383.7	6032.7	4381.0	2486.1	1292.9
-5°	15300.2	13669.9	12202.2	10878.9	9615.0	8483.5	7275.8	5897.8	4241.4	2396.7	1261.5
-7.5°	14811.5	13296.1	11905.3	10613.8	9418.4	8299.0	7071.8	5687.0	4022.2	2258.1	1219.1
-10°	14177.8	12784.4	11519.1	10290.5	9165.5	8028.3	6792.9	5397.4	3696.9	2060.8	1160.1
-12.5°	13438.4	12196.1	11054.9	9894.1	8850.6	7703.8	6467.9	5034.6	3265.0	1805.4	1084.5
-15°	12622.1	11554.8	10503.6	9468.2	8428.3	7297.1	6063.7	4583.1	2739.9	1494.8	992.3
-17.5°	11815.7	10860.4	9907.6	8965.9	7925.9	6809.7	5493.4	3921.6	2292.2	1241.1	899.6
-20°	10964.5	10129.8	9288.5	8363.3	7337.2	6225.4	4810.5	3178.9	1841.3	1115.8	867.0



REPORT NUMBER: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10133.5	9376.1	8568.8	7678.2	6650.9	5375.7	3934.2	2440.3	1322.5	976.5	829.2
-25°	9274.0	8560.9	7774.9	6855.9	5745.9	4411.7	2966.3	1824.0	1140.8	884.8	789.5
-27.5°	8368.9	7692.8	6855.0	5870.3	4650.7	3328.0	2160.3	1270.1	960.8	834.1	763.8
-30°	7383.4	6629.7	5734.9	4652.4	3456.6	2331.2	1423.8	1059.8	869.2	786.7	736.4
-32.5°	6175.4	5359.7	4422.6	3335.7	2337.3	1508.7	1113.9	890.7	808.2	755.2	707.3
-35°	4755.2	3917.8	2947.8	2157.6	1431.6	1118.0	902.2	824.8	767.3	722.0	677.0
-37.5°	3120.4	2393.8	1802.2	1267.3	1068.1	900.2	830.4	775.3	730.2	688.4	645.7
-40°	1818.9	1306.2	1134.7	967.9	879.8	822.5	776.1	733.4	693.9	653.8	613.2
-42.5°	1109.3	977.4	891.9	842.6	797.4	765.4	729.6	693.1	655.9	618.0	579.6
-45°	865.8	830.5	793.5	770.2	743.0	714.6	685.0	651.3	616.3	581.0	544.6
-47.5°	772.0	755.7	736.8	715.9	691.6	665.4	637.7	608.1	576.1	542.8	508.3
-50°	709.6	690.5	673.6	659.2	637.8	613.3	588.5	565.0	534.4	502.5	469.6
-52.5°	626.3	616.9	606.8	595.9	579.5	557.6	536.7	515.8	490.0	459.0	427.4
-55°	554.9	547.3	540.5	530.3	516.3	498.5	480.8	463.2	440.9	412.2	386.3
-57.5°	494.9	484.8	478.4	467.5	452.0	438.9	425.2	408.7	388.8	365.0	343.9
-60°	441.5	431.1	421.6	410.2	396.9	384.1	371.6	355.3	335.0	318.6	301.7
-62.5°	380.2	375.8	364.3	351.9	342.3	334.3	319.2	302.5	288.0	274.9	259.6
-65°	304.6	294.4	288.2	287.4	281.7	270.4	258.1	250.1	241.6	230.0	217.2
-67.5°	247.8	243.3	239.0	232.9	226.9	219.2	214.1	207.2	198.4	186.0	176.7
-70°	209.8	207.2	203.3	197.5	191.2	184.9	179.0	170.8	159.2	144.7	136.3
-72.5°	176.7	174.9	171.8	167.1	162.0	156.7	149.3	137.8	123.7	106.7	98.3
-75°	145.7	144.5	142.3	138.5	134.4	130.0	122.4	109.2	95.5	81.2	73.6
-77.5°	113.1	112.5	111.6	108.9	106.3	103.8	98.6	85.5	72.7	61.1	54.9
-80°	75.7	76.7	76.7	75.2	73.4	71.5	68.3	59.3	51.2	44.1	39.2
-82.5°	44.2	42.5	40.7	40.9	41.1	41.1	40.5	35.6	30.9	26.5	23.0
-85°	15.5	14.7	13.9	15.4	16.6	17.5	18.1	16.0	14.1	12.3	10.7
-87.5°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-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: P558973 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-MWR-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°	3.4	3.9	4.3	4.6	4.9	5.0	5.1	5.1	4.8	4.5	4.1
85°	11.4	11.8	11.8	11.6	10.8	10.1	10.3	10.2	9.6	9.0	8.2
82.5°	24.0	24.9	25.4	25.4	23.8	22.1	20.4	18.6	16.5	13.8	12.3
80°	41.4	42.8	43.1	42.0	38.0	34.1	31.5	28.9	26.8	23.8	19.9
77.5°	59.0	61.7	62.8	61.4	55.9	50.4	45.0	40.1	37.1	33.8	29.4
75°	77.2	81.3	83.7	82.2	75.3	66.6	59.7	53.9	49.7	44.1	39.0
72.5°	100.2	102.2	104.4	104.0	97.9	89.3	78.0	67.9	63.2	57.0	49.2
70°	130.9	125.2	123.9	123.0	119.4	112.7	101.3	88.0	76.9	69.8	61.1
67.5°	168.5	160.7	152.5	143.9	139.5	133.4	124.4	108.8	94.3	82.8	73.0
65°	205.7	195.2	185.2	172.6	162.2	154.3	145.0	128.4	110.9	96.4	85.0
62.5°	243.7	228.2	214.8	200.2	186.4	175.2	165.4	146.5	126.9	109.4	95.8
60°	283.4	264.8	244.5	226.9	210.3	195.3	182.1	164.4	143.1	121.7	105.7
57.5°	323.8	301.9	277.2	254.1	234.2	215.8	197.9	179.9	159.1	135.5	114.5
55°	363.6	339.6	309.8	282.3	258.2	237.1	214.6	194.3	174.1	149.4	120.9
52.5°	399.2	374.1	344.4	311.2	282.3	257.5	232.7	208.3	186.9	163.1	129.6
50°	435.5	404.3	376.0	343.0	306.4	277.7	250.2	223.9	199.4	175.8	137.6
47.5°	473.2	436.9	403.7	372.8	335.4	297.2	267.8	239.2	211.5	186.6	144.8
45°	507.8	470.3	432.2	397.8	362.3	319.9	285.1	253.9	224.6	192.2	150.8
42.5°	540.7	501.5	461.7	422.1	384.9	342.3	301.8	268.8	237.2	196.4	155.1
40°	572.2	530.9	489.4	448.1	407.5	362.6	320.0	283.3	248.4	200.2	158.0
37.5°	602.2	558.9	515.4	473.0	430.4	383.7	336.8	297.2	253.8	204.3	160.0
35°	631.2	585.4	541.3	496.8	452.2	405.0	351.8	310.5	262.0	207.7	161.1
32.5°	658.9	611.3	565.8	519.8	472.8	426.5	368.6	322.6	271.8	210.5	161.4
30°	685.8	636.6	588.9	541.7	492.3	444.4	387.6	334.6	283.3	212.7	161.4
27.5°	711.5	660.0	610.4	561.8	511.2	460.9	406.1	346.2	296.2	216.8	162.4
25°	735.1	681.8	630.4	580.2	529.0	476.8	423.2	357.8	307.0	225.5	162.9
22.5°	757.0	701.6	648.4	597.1	546.4	492.1	437.7	371.9	315.9	234.6	162.7
20°	776.9	719.2	665.4	614.8	562.1	506.7	450.0	384.7	324.2	243.8	161.8
17.5°	796.8	737.6	684.8	631.7	576.7	519.9	461.5	396.2	331.9	253.0	160.3
15°	828.2	757.5	702.6	647.6	590.1	531.7	472.0	406.2	338.9	261.7	159.8
12.5°	856.3	775.2	718.4	662.2	602.5	542.1	481.4	414.9	345.1	267.8	160.5
10°	880.2	790.8	732.5	675.6	613.5	551.0	489.7	422.3	350.3	270.3	160.1
7.5°	899.6	804.2	744.6	687.4	623.7	559.6	497.4	428.5	355.4	270.6	158.8
5°	916.3	818.7	759.8	700.4	635.8	568.1	503.9	433.2	359.9	268.7	156.7
2.5°	935.4	836.4	776.6	711.8	646.3	575.1	508.9	436.3	363.5	264.9	154.0
0°	950.3	851.8	791.6	721.3	655.0	580.6	512.3	438.0	365.6	259.2	150.7
-2.5°	935.4	836.4	776.6	711.8	646.3	575.1	508.9	436.3	363.5	264.9	154.0
-5°	916.3	818.7	759.8	700.4	635.8	568.1	503.9	433.2	359.9	268.7	156.7
-7.5°	899.6	804.2	744.6	687.4	623.7	559.6	497.4	428.5	355.4	270.6	158.8
-10°	880.2	790.8	732.5	675.6	613.5	551.0	489.7	422.3	350.3	270.3	160.1
-12.5°	856.3	775.2	718.4	662.2	602.5	542.1	481.4	414.9	345.1	267.8	160.5
-15°	828.2	757.5	702.6	647.6	590.1	531.7	472.0	406.2	338.9	261.7	159.8
-17.5°	796.8	737.6	684.8	631.7	576.7	519.9	461.5	396.2	331.9	253.0	160.3
-20°	776.9	719.2	665.4	614.8	562.1	506.7	450.0	384.7	324.2	243.8	161.8



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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°	757.0	701.6	648.4	597.1	546.4	492.1	437.7	371.9	315.9	234.6	162.7
-25°	735.1	681.8	630.4	580.2	529.0	476.8	423.2	357.8	307.0	225.5	162.9
-27.5°	711.5	660.0	610.4	561.8	511.2	460.9	406.1	346.2	296.2	216.8	162.4
-30°	685.8	636.6	588.9	541.7	492.3	444.4	387.6	334.6	283.3	212.7	161.4
-32.5°	658.9	611.3	565.8	519.8	472.8	426.5	368.6	322.6	271.8	210.5	161.4
-35°	631.2	585.4	541.3	496.8	452.2	405.0	351.8	310.5	262.0	207.7	161.1
-37.5°	602.2	558.9	515.4	473.0	430.4	383.7	336.8	297.2	253.8	204.3	160.0
-40°	572.2	530.9	489.4	448.1	407.5	362.6	320.0	283.3	248.4	200.2	158.0
-42.5°	540.7	501.5	461.7	422.1	384.9	342.3	301.8	268.8	237.2	196.4	155.1
-45°	507.8	470.3	432.2	397.8	362.3	319.9	285.1	253.9	224.6	192.2	150.8
-47.5°	473.2	436.9	403.7	372.8	335.4	297.2	267.8	239.2	211.5	186.6	144.8
-50°	435.5	404.3	376.0	343.0	306.4	277.7	250.2	223.9	199.4	175.8	137.6
-52.5°	399.2	374.1	344.4	311.2	282.3	257.5	232.7	208.3	186.9	163.1	129.6
-55°	363.6	339.6	309.8	282.3	258.2	237.1	214.6	194.3	174.1	149.4	120.9
-57.5°	323.8	301.9	277.2	254.1	234.2	215.8	197.9	179.9	159.1	135.5	114.5
-60°	283.4	264.8	244.5	226.9	210.3	195.3	182.1	164.4	143.1	121.7	105.7
-62.5°	243.7	228.2	214.8	200.2	186.4	175.2	165.4	146.5	126.9	109.4	95.8
-65°	205.7	195.2	185.2	172.6	162.2	154.3	145.0	128.4	110.9	96.4	85.0
-67.5°	168.5	160.7	152.5	143.9	139.5	133.4	124.4	108.8	94.3	82.8	73.0
-70°	130.9	125.2	123.9	123.0	119.4	112.7	101.3	88.0	76.9	69.8	61.1
-72.5°	100.2	102.2	104.4	104.0	97.9	89.3	78.0	67.9	63.2	57.0	49.2
-75°	77.2	81.3	83.7	82.2	75.3	66.6	59.7	53.9	49.7	44.1	39.0
-77.5°	59.0	61.7	62.8	61.4	55.9	50.4	45.0	40.1	37.1	33.8	29.4
-80°	41.4	42.8	43.1	42.0	38.0	34.1	31.5	28.9	26.8	23.8	19.9
-82.5°	24.0	24.9	25.4	25.4	23.8	22.1	20.4	18.6	16.5	13.8	12.3
-85°	11.4	11.8	11.8	11.6	10.8	10.1	10.3	10.2	9.6	9.0	8.2
-87.5°	3.4	3.9	4.3	4.6	4.9	5.0	5.1	5.1	4.8	4.5	4.1
-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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**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°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
85°	7.3	5.6	4.2	2.9	1.7	0.9	0.0
82.5°	10.9	8.4	6.2	4.3	2.6	1.3	0.0
80°	15.0	11.2	8.3	5.7	3.5	1.7	0.0
77.5°	23.6	15.3	10.3	7.1	4.3	2.2	0.0
75°	31.9	21.8	12.8	8.5	5.2	2.6	0.0
72.5°	40.1	28.2	17.5	9.8	6.0	3.0	0.0
70°	48.3	34.3	22.1	11.5	6.8	3.4	0.0
67.5°	57.8	40.3	26.6	14.6	7.6	3.8	0.0
65°	66.9	46.8	31.0	17.6	8.4	4.2	0.0
62.5°	75.7	53.6	35.1	20.6	9.2	4.6	0.0
60°	83.9	60.1	39.1	23.4	10.0	5.0	0.0
57.5°	89.6	66.2	43.7	26.1	11.8	5.4	0.0
55°	94.4	71.9	48.1	28.7	13.5	5.7	0.0
52.5°	98.5	76.9	52.1	31.1	15.1	6.1	0.0
50°	101.9	79.3	55.9	33.4	16.7	6.4	0.0
47.5°	105.0	81.3	59.5	35.6	18.3	6.8	0.0
45°	110.0	82.8	62.7	38.0	19.7	7.1	0.0
42.5°	114.3	83.8	65.6	40.2	21.1	7.4	0.0
40°	117.9	84.2	67.1	42.5	22.5	7.7	0.0
37.5°	120.6	84.2	67.3	44.9	23.7	7.9	0.0
35°	122.5	85.3	67.2	47.2	24.9	8.2	0.0
32.5°	123.5	86.6	66.8	49.5	25.9	8.4	0.0
30°	123.4	87.4	66.1	51.6	26.9	8.7	0.0
27.5°	122.7	87.6	66.8	53.7	27.8	8.9	0.0
25°	121.3	87.3	67.6	55.7	28.7	9.1	0.0
22.5°	119.4	87.6	68.3	57.6	29.4	9.2	0.0
20°	116.9	89.8	68.8	59.4	30.1	9.4	0.0
17.5°	117.1	91.8	69.2	61.0	30.6	9.5	0.0
15°	118.8	93.5	69.6	62.6	31.1	9.7	0.0
12.5°	120.2	95.0	69.9	63.9	31.5	9.8	0.0
10°	121.3	96.2	70.0	65.2	31.8	9.8	0.0
7.5°	122.1	97.2	70.2	66.2	32.0	9.9	0.0
5°	122.6	97.9	70.3	67.1	32.1	10.0	0.0
2.5°	122.7	98.3	70.3	67.8	32.1	10.0	0.0
0°	122.6	98.4	70.3	68.3	32.1	10.0	0.0
-2.5°	122.7	98.3	70.3	67.8	32.1	10.0	0.0
-5°	122.6	97.9	70.3	67.1	32.1	10.0	0.0
-7.5°	122.1	97.2	70.2	66.2	32.0	9.9	0.0
-10°	121.3	96.2	70.0	65.2	31.8	9.8	0.0
-12.5°	120.2	95.0	69.9	63.9	31.5	9.8	0.0
-15°	118.8	93.5	69.6	62.6	31.1	9.7	0.0
-17.5°	117.1	91.8	69.2	61.0	30.6	9.5	0.0
-20°	116.9	89.8	68.8	59.4	30.1	9.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.4	87.6	68.3	57.6	29.4	9.2	0.0
-25°	121.3	87.3	67.6	55.7	28.7	9.1	0.0
-27.5°	122.7	87.6	66.8	53.7	27.8	8.9	0.0
-30°	123.4	87.4	66.1	51.6	26.9	8.7	0.0
-32.5°	123.5	86.6	66.8	49.5	25.9	8.4	0.0
-35°	122.5	85.3	67.2	47.2	24.9	8.2	0.0
-37.5°	120.6	84.2	67.3	44.9	23.7	7.9	0.0
-40°	117.9	84.2	67.1	42.5	22.5	7.7	0.0
-42.5°	114.3	83.8	65.6	40.2	21.1	7.4	0.0
-45°	110.0	82.8	62.7	38.0	19.7	7.1	0.0
-47.5°	105.0	81.3	59.5	35.6	18.3	6.8	0.0
-50°	101.9	79.3	55.9	33.4	16.7	6.4	0.0
-52.5°	98.5	76.9	52.1	31.1	15.1	6.1	0.0
-55°	94.4	71.9	48.1	28.7	13.5	5.7	0.0
-57.5°	89.6	66.2	43.7	26.1	11.8	5.4	0.0
-60°	83.9	60.1	39.1	23.4	10.0	5.0	0.0
-62.5°	75.7	53.6	35.1	20.6	9.2	4.6	0.0
-65°	66.9	46.8	31.0	17.6	8.4	4.2	0.0
-67.5°	57.8	40.3	26.6	14.6	7.6	3.8	0.0
-70°	48.3	34.3	22.1	11.5	6.8	3.4	0.0
-72.5°	40.1	28.2	17.5	9.8	6.0	3.0	0.0
-75°	31.9	21.8	12.8	8.5	5.2	2.6	0.0
-77.5°	23.6	15.3	10.3	7.1	4.3	2.2	0.0
-80°	15.0	11.2	8.3	5.7	3.5	1.7	0.0
-82.5°	10.9	8.4	6.2	4.3	2.6	1.3	0.0
-85°	7.3	5.6	4.2	2.9	1.7	0.9	0.0
-87.5°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)