

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: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-940-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558709 (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-SA2D-940-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (32) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

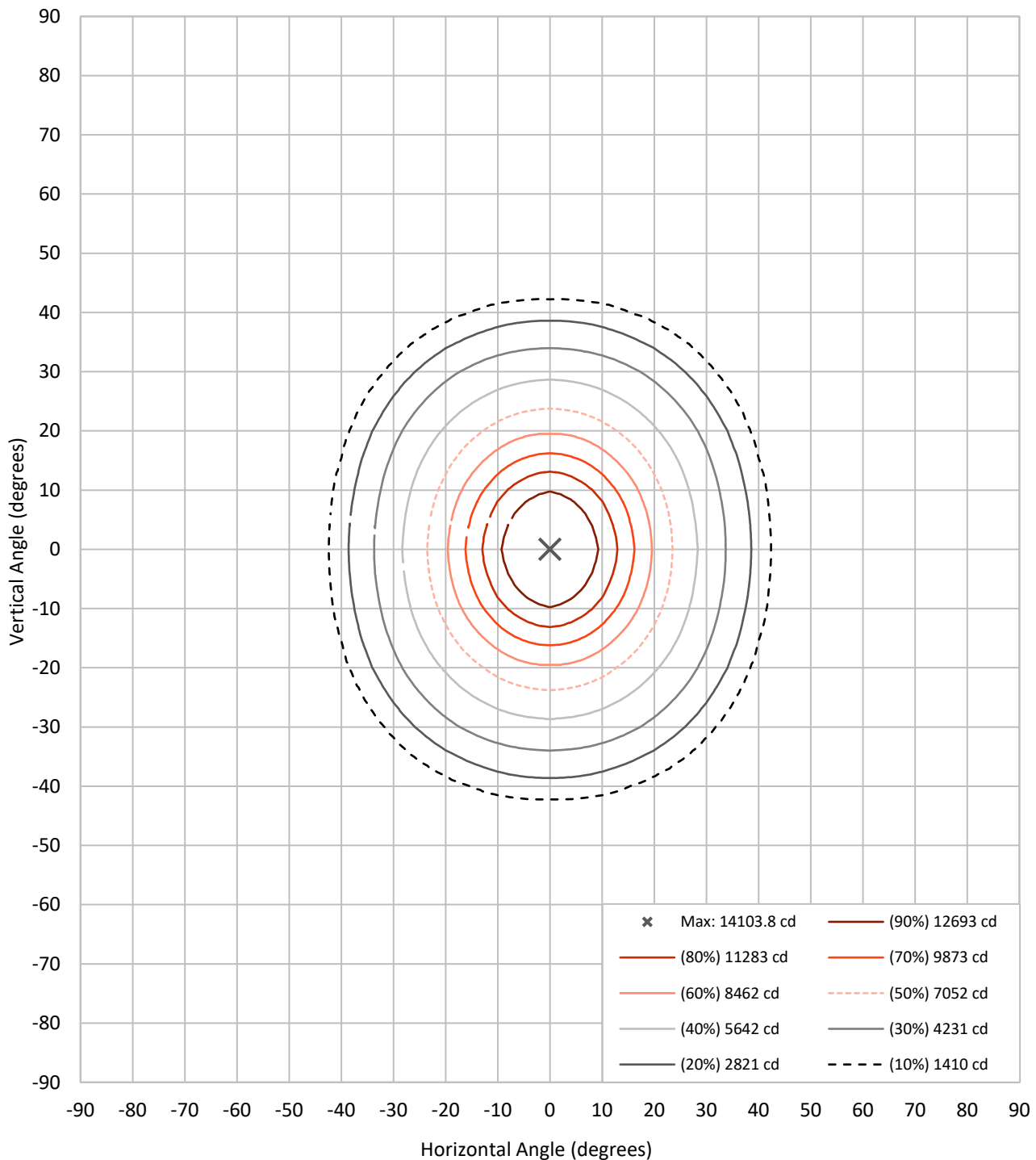
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10979 lumens	Max Intensity:	14103.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5180.6 lumens	Field Lumens:	9968.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 110  
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





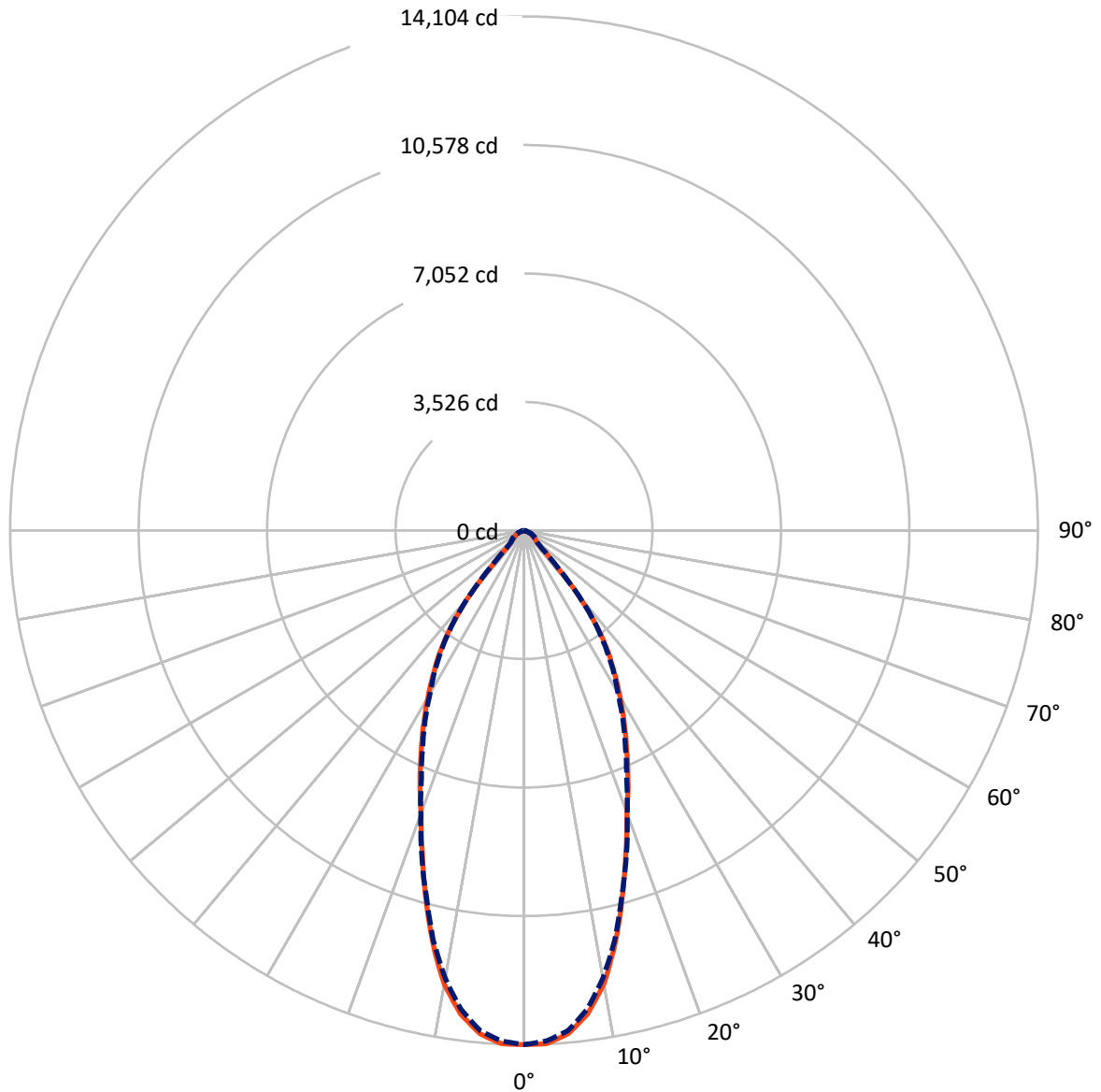
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### Lumen Table

90																			
80	0.2	1.3		3.0		5.0		3.9		5.0		3.0		1.3		0.2			
70																			
60	0.8	0.9	1.6	2.5	3.5	4.4	5.0	5.4	5.4	5.0	4.4	3.5	2.5	1.6	0.9	0.8			
50		1.3	2.6	4.4	6.3	7.9	9.0	9.9	9.9	9.0	7.9	6.3	4.4	2.6	1.3				
40	1.2	1.7	3.7	6.2	9.0	12.3	19.5	27.3	27.3	19.5	12.3	9.0	6.2	3.7	1.7	1.2			
30		2.1	4.6	7.7	14.5	46.3	90.1	114.8	114.8	90.1	46.3	14.5	7.7	4.6	2.1				
20	1.3	2.5	5.4	9.6	42.3	110.5	163.1	197.5	197.5	163.1	110.5	42.3	9.6	5.4	2.5	1.3			
10		2.8	6.0	14.8	76.9	152.6	231.8	301.7	301.7	231.8	152.6	76.9	14.8	6.0	2.8				
0	1.3	3.0	6.5	20.4	93.7	178.0	291.6	394.3	394.3	291.6	178.0	93.7	20.4	6.5	3.0	1.3			
-10		3.0	6.5	20.4	93.7	178.0	291.6	394.3	394.3	291.6	178.0	93.7	20.4	6.5	3.0				
-20	1.3	2.8	6.0	14.8	76.9	152.6	231.8	301.7	301.7	231.8	152.6	76.9	14.8	6.0	2.8	1.3			
-30		2.5	5.4	9.6	42.3	110.5	163.1	197.5	197.5	163.1	110.5	42.3	9.6	5.4	2.5				
-40	1.2	2.1	4.6	7.7	14.5	46.3	90.1	114.8	114.8	90.1	46.3	14.5	7.7	4.6	2.1	1.2			
-50		1.7	3.7	6.2	9.0	12.3	19.5	27.3	27.3	19.5	12.3	9.0	6.2	3.7	1.7				
-60	0.8	1.3	2.6	4.4	6.3	7.9	9.0	9.9	9.9	9.0	7.9	6.3	4.4	2.6	1.3	0.8			
-70		0.9	1.6	2.5	3.5	4.4	5.0	5.4	5.4	5.0	4.4	3.5	2.5	1.6	0.9				
-80																			
-90	0.2	1.3		3.0		5.0		3.9		5.0		3.0		1.3		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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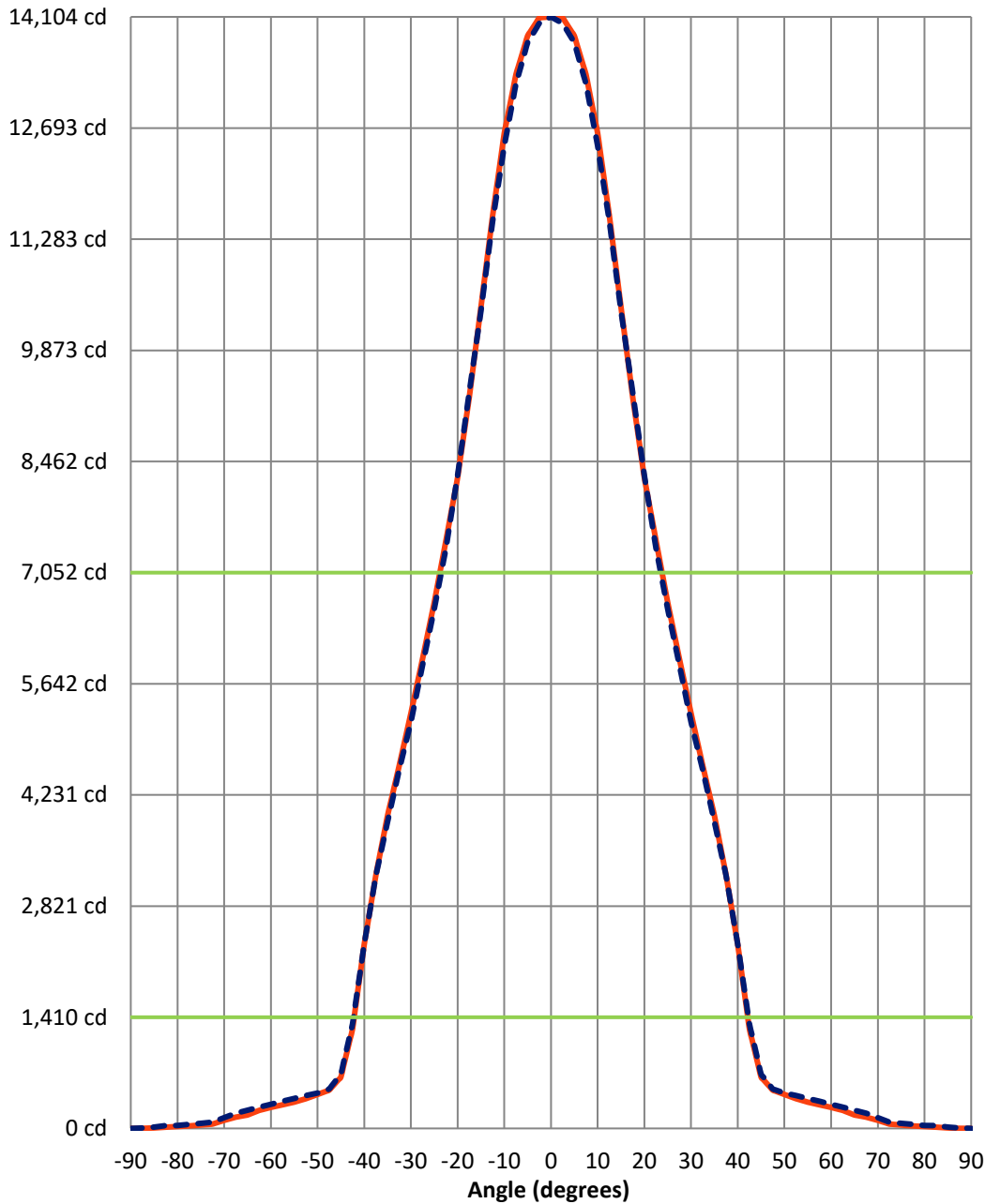
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 5180.6  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 9968.9  
Efficiency: 90.8%

**Spill:**  
Lumens: 1010.1  
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	0.2	0.5	0.8	1.1	1.5	1.9	2.1	2.4	2.5	2.7
85°	0.0	0.5	0.9	1.5	2.2	3.0	3.8	4.3	4.7	5.1	5.4
82.5°	0.0	0.7	1.4	2.3	3.3	4.4	5.7	6.4	7.3	8.7	9.8
80°	0.0	0.9	1.8	3.0	4.4	5.9	7.9	10.5	12.5	14.1	15.2
77.5°	0.0	1.1	2.3	3.7	5.4	8.0	12.4	15.5	17.8	19.6	21.1
75°	0.0	1.4	2.7	4.5	6.7	11.5	16.8	20.5	23.3	26.2	28.4
72.5°	0.0	1.6	3.2	5.2	9.2	14.8	21.1	25.9	30.0	33.3	35.8
70°	0.0	1.8	3.6	6.1	11.7	18.1	25.4	32.2	36.8	40.5	46.4
67.5°	0.0	2.0	4.1	7.7	14.0	21.3	30.4	38.5	43.6	49.7	57.3
65°	0.0	2.2	4.5	9.3	16.3	24.6	35.3	44.8	50.8	58.4	67.6
62.5°	0.0	2.4	4.9	10.8	18.5	28.2	39.8	50.5	57.6	66.9	77.2
60°	0.0	2.6	5.3	12.3	20.6	31.6	44.2	55.7	64.1	75.4	86.6
57.5°	0.0	2.8	6.2	13.7	23.0	34.8	47.2	60.3	71.3	83.8	94.8
55°	0.0	3.0	7.1	15.1	25.3	37.9	49.7	63.7	78.7	91.8	102.4
52.5°	0.0	3.2	8.0	16.4	27.5	40.5	51.9	68.2	86.0	98.5	109.8
50°	0.0	3.4	8.8	17.6	29.5	41.8	53.6	72.5	92.7	105.0	118.0
47.5°	0.0	3.6	9.6	18.8	31.3	42.8	55.3	76.3	98.4	111.4	126.0
45°	0.0	3.7	10.4	20.0	33.0	43.6	58.0	79.5	101.2	118.3	133.8
42.5°	0.0	3.9	11.1	21.2	34.5	44.1	60.3	81.8	103.5	125.0	141.6
40°	0.0	4.1	11.8	22.4	35.3	44.4	62.1	83.3	105.5	130.9	149.3
37.5°	0.0	4.2	12.5	23.6	35.4	44.4	63.6	84.3	107.6	133.7	156.6
35°	0.0	4.3	13.1	24.9	35.4	45.0	64.6	84.9	109.4	138.0	163.6
32.5°	0.0	4.5	13.7	26.0	35.2	45.7	65.1	85.0	110.9	143.2	170.0
30°	0.0	4.6	14.2	27.2	34.9	46.1	65.0	85.0	112.1	149.3	176.3
27.5°	0.0	4.7	14.7	28.3	35.2	46.2	64.6	85.6	114.3	156.1	182.5
25°	0.0	4.8	15.1	29.3	35.7	46.1	63.9	85.8	118.9	161.8	188.5
22.5°	0.0	4.9	15.5	30.3	36.0	46.2	62.9	85.7	123.6	166.4	196.0
20°	0.0	5.0	15.8	31.3	36.3	47.4	61.6	85.3	128.5	170.8	202.7
17.5°	0.0	5.1	16.1	32.2	36.5	48.4	61.7	84.5	133.3	174.9	208.8
15°	0.0	5.1	16.4	33.0	36.7	49.3	62.6	84.2	137.9	178.6	214.1
12.5°	0.0	5.2	16.6	33.7	36.9	50.1	63.3	84.6	141.1	181.9	218.6
10°	0.0	5.2	16.7	34.3	37.0	50.8	63.9	84.4	142.4	184.6	222.5
7.5°	0.0	5.3	16.8	34.9	37.0	51.3	64.3	83.7	142.6	187.3	225.8
5°	0.0	5.3	16.9	35.4	37.1	51.6	64.6	82.6	141.6	189.7	228.3
2.5°	0.0	5.3	16.9	35.7	37.1	51.8	64.7	81.1	139.6	191.6	229.9
0°	0.0	5.3	16.9	36.0	37.1	51.9	64.6	79.4	136.6	192.7	230.8
-2.5°	0.0	5.3	16.9	35.7	37.1	51.8	64.7	81.1	139.6	191.6	229.9
-5°	0.0	5.3	16.9	35.4	37.1	51.6	64.6	82.6	141.6	189.7	228.3
-7.5°	0.0	5.3	16.8	34.9	37.0	51.3	64.3	83.7	142.6	187.3	225.8
-10°	0.0	5.2	16.7	34.3	37.0	50.8	63.9	84.4	142.4	184.6	222.5
-12.5°	0.0	5.2	16.6	33.7	36.9	50.1	63.3	84.6	141.1	181.9	218.6
-15°	0.0	5.1	16.4	33.0	36.7	49.3	62.6	84.2	137.9	178.6	214.1
-17.5°	0.0	5.1	16.1	32.2	36.5	48.4	61.7	84.5	133.3	174.9	208.8
-20°	0.0	5.0	15.8	31.3	36.3	47.4	61.6	85.3	128.5	170.8	202.7



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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	4.9	15.5	30.3	36.0	46.2	62.9	85.7	123.6	166.4	196.0
-25°	0.0	4.8	15.1	29.3	35.7	46.1	63.9	85.8	118.9	161.8	188.5
-27.5°	0.0	4.7	14.7	28.3	35.2	46.2	64.6	85.6	114.3	156.1	182.5
-30°	0.0	4.6	14.2	27.2	34.9	46.1	65.0	85.0	112.1	149.3	176.3
-32.5°	0.0	4.5	13.7	26.0	35.2	45.7	65.1	85.0	110.9	143.2	170.0
-35°	0.0	4.3	13.1	24.9	35.4	45.0	64.6	84.9	109.4	138.0	163.6
-37.5°	0.0	4.2	12.5	23.6	35.4	44.4	63.6	84.3	107.6	133.7	156.6
-40°	0.0	4.1	11.8	22.4	35.3	44.4	62.1	83.3	105.5	130.9	149.3
-42.5°	0.0	3.9	11.1	21.2	34.5	44.1	60.3	81.8	103.5	125.0	141.6
-45°	0.0	3.7	10.4	20.0	33.0	43.6	58.0	79.5	101.2	118.3	133.8
-47.5°	0.0	3.6	9.6	18.8	31.3	42.8	55.3	76.3	98.4	111.4	126.0
-50°	0.0	3.4	8.8	17.6	29.5	41.8	53.6	72.5	92.7	105.0	118.0
-52.5°	0.0	3.2	8.0	16.4	27.5	40.5	51.9	68.2	86.0	98.5	109.8
-55°	0.0	3.0	7.1	15.1	25.3	37.9	49.7	63.7	78.7	91.8	102.4
-57.5°	0.0	2.8	6.2	13.7	23.0	34.8	47.2	60.3	71.3	83.8	94.8
-60°	0.0	2.6	5.3	12.3	20.6	31.6	44.2	55.7	64.1	75.4	86.6
-62.5°	0.0	2.4	4.9	10.8	18.5	28.2	39.8	50.5	57.6	66.9	77.2
-65°	0.0	2.2	4.5	9.3	16.3	24.6	35.3	44.8	50.8	58.4	67.6
-67.5°	0.0	2.0	4.1	7.7	14.0	21.3	30.4	38.5	43.6	49.7	57.3
-70°	0.0	1.8	3.6	6.1	11.7	18.1	25.4	32.2	36.8	40.5	46.4
-72.5°	0.0	1.6	3.2	5.2	9.2	14.8	21.1	25.9	30.0	33.3	35.8
-75°	0.0	1.4	2.7	4.5	6.7	11.5	16.8	20.5	23.3	26.2	28.4
-77.5°	0.0	1.1	2.3	3.7	5.4	8.0	12.4	15.5	17.8	19.6	21.1
-80°	0.0	0.9	1.8	3.0	4.4	5.9	7.9	10.5	12.5	14.1	15.2
-82.5°	0.0	0.7	1.4	2.3	3.3	4.4	5.7	6.4	7.3	8.7	9.8
-85°	0.0	0.5	0.9	1.5	2.2	3.0	3.8	4.3	4.7	5.1	5.4
-87.5°	0.0	0.2	0.5	0.8	1.1	1.5	1.9	2.1	2.4	2.5	2.7
-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°	2.7	2.7	2.6	2.4	2.2	2.0	1.8	1.5	1.5	1.6	1.7
85°	5.4	5.3	5.7	6.1	6.2	6.2	6.0	5.7	6.5	7.4	8.5
82.5°	10.7	11.7	12.5	13.4	13.4	13.1	12.6	12.1	14.0	16.3	18.8
80°	16.6	18.0	20.0	22.1	22.7	22.5	21.8	20.6	23.2	27.0	31.2
77.5°	23.7	26.6	29.4	32.3	33.1	32.5	31.1	28.9	32.2	38.3	45.0
75°	31.5	35.1	39.7	43.3	44.1	42.8	40.7	38.8	42.8	50.3	57.6
72.5°	41.1	47.0	51.6	54.8	55.0	53.9	52.8	51.8	56.2	65.2	72.7
70°	53.4	59.4	62.9	64.8	65.3	66.0	69.0	71.9	76.3	83.9	90.0
67.5°	65.6	70.3	73.5	75.8	80.4	84.7	88.9	93.1	98.0	104.5	109.2
65°	76.4	81.3	85.5	91.0	97.7	102.9	108.4	114.4	121.2	127.3	131.8
62.5°	87.1	92.3	98.3	105.5	113.2	120.2	128.4	136.8	144.9	151.8	159.4
60°	95.9	102.9	110.8	119.6	128.8	139.5	149.4	159.1	167.9	176.6	187.2
57.5°	104.3	113.8	123.4	133.9	146.1	159.1	170.7	181.3	192.4	204.9	215.4
55°	113.1	125.0	136.1	148.8	163.3	179.0	191.7	203.6	217.3	232.4	244.1
52.5°	122.6	135.7	148.8	164.0	181.5	197.2	210.4	225.3	241.9	258.2	271.9
50°	131.8	146.3	161.4	180.8	198.2	213.1	229.5	247.4	264.8	281.6	297.8
47.5°	141.1	156.6	176.7	196.5	212.8	230.2	249.3	267.8	286.0	303.6	320.5
45°	150.2	168.6	191.0	209.7	227.8	247.9	267.6	287.0	306.2	324.8	343.3
42.5°	159.0	180.4	202.9	222.5	243.3	264.3	284.9	305.5	325.7	345.7	365.3
40°	168.6	191.1	214.8	236.2	257.9	279.8	301.6	323.2	344.6	365.7	386.6
37.5°	177.5	202.2	226.9	249.3	271.6	294.6	317.4	340.3	362.8	384.8	408.6
35°	185.4	213.5	238.4	261.8	285.3	308.6	332.7	356.8	380.5	404.4	434.7
32.5°	194.3	224.8	249.2	274.0	298.2	322.2	347.3	372.8	398.0	426.0	469.5
30°	204.3	234.3	259.4	285.5	310.4	335.5	361.5	388.1	414.6	458.1	558.5
27.5°	214.0	242.9	269.4	296.1	321.7	347.8	375.0	402.6	439.6	506.4	669.4
25°	223.1	251.3	278.8	305.8	332.2	359.3	387.4	416.0	466.3	601.3	961.3
22.5°	230.7	259.3	287.9	314.7	341.7	369.8	399.0	437.0	514.6	697.1	1286.1
20°	237.2	267.0	296.2	324.0	350.7	379.0	409.4	456.9	588.1	970.5	1675.4
17.5°	243.2	274.0	303.9	332.9	360.9	388.7	419.9	474.1	654.1	1208.1	2066.8
15°	248.7	280.2	311.0	341.3	370.3	399.2	436.4	523.0	787.8	1444.0	2415.4
12.5°	253.7	285.7	317.5	349.0	378.6	408.6	451.3	571.5	951.5	1720.8	2653.4
10°	258.1	290.4	323.3	356.0	386.0	416.8	463.8	611.4	1086.1	1948.4	2844.6
7.5°	262.1	294.9	328.7	362.3	392.4	423.8	474.1	642.5	1190.1	2119.8	2997.2
5°	265.5	299.4	335.1	369.1	400.4	431.5	482.9	664.9	1263.2	2235.3	3108.3
2.5°	268.2	303.1	340.6	375.1	409.3	440.8	493.0	681.4	1310.3	2308.9	3179.4
0°	270.0	306.0	345.2	380.1	417.2	448.9	500.8	689.3	1327.8	2335.8	3206.2
-2.5°	268.2	303.1	340.6	375.1	409.3	440.8	493.0	681.4	1310.3	2308.9	3179.4
-5°	265.5	299.4	335.1	369.1	400.4	431.5	482.9	664.9	1263.2	2235.3	3108.3
-7.5°	262.1	294.9	328.7	362.3	392.4	423.8	474.1	642.5	1190.1	2119.8	2997.2
-10°	258.1	290.4	323.3	356.0	386.0	416.8	463.8	611.4	1086.1	1948.4	2844.6
-12.5°	253.7	285.7	317.5	349.0	378.6	408.6	451.3	571.5	951.5	1720.8	2653.4
-15°	248.7	280.2	311.0	341.3	370.3	399.2	436.4	523.0	787.8	1444.0	2415.4
-17.5°	243.2	274.0	303.9	332.9	360.9	388.7	419.9	474.1	654.1	1208.1	2066.8
-20°	237.2	267.0	296.2	324.0	350.7	379.0	409.4	456.9	588.1	970.5	1675.4



REPORT NUMBER: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	230.7	259.3	287.9	314.7	341.7	369.8	399.0	437.0	514.6	697.1	1286.1
-25°	223.1	251.3	278.8	305.8	332.2	359.3	387.4	416.0	466.3	601.3	961.3
-27.5°	214.0	242.9	269.4	296.1	321.7	347.8	375.0	402.6	439.6	506.4	669.4
-30°	204.3	234.3	259.4	285.5	310.4	335.5	361.5	388.1	414.6	458.1	558.5
-32.5°	194.3	224.8	249.2	274.0	298.2	322.2	347.3	372.8	398.0	426.0	469.5
-35°	185.4	213.5	238.4	261.8	285.3	308.6	332.7	356.8	380.5	404.4	434.7
-37.5°	177.5	202.2	226.9	249.3	271.6	294.6	317.4	340.3	362.8	384.8	408.6
-40°	168.6	191.1	214.8	236.2	257.9	279.8	301.6	323.2	344.6	365.7	386.6
-42.5°	159.0	180.4	202.9	222.5	243.3	264.3	284.9	305.5	325.7	345.7	365.3
-45°	150.2	168.6	191.0	209.7	227.8	247.9	267.6	287.0	306.2	324.8	343.3
-47.5°	141.1	156.6	176.7	196.5	212.8	230.2	249.3	267.8	286.0	303.6	320.5
-50°	131.8	146.3	161.4	180.8	198.2	213.1	229.5	247.4	264.8	281.6	297.8
-52.5°	122.6	135.7	148.8	164.0	181.5	197.2	210.4	225.3	241.9	258.2	271.9
-55°	113.1	125.0	136.1	148.8	163.3	179.0	191.7	203.6	217.3	232.4	244.1
-57.5°	104.3	113.8	123.4	133.9	146.1	159.1	170.7	181.3	192.4	204.9	215.4
-60°	95.9	102.9	110.8	119.6	128.8	139.5	149.4	159.1	167.9	176.6	187.2
-62.5°	87.1	92.3	98.3	105.5	113.2	120.2	128.4	136.8	144.9	151.8	159.4
-65°	76.4	81.3	85.5	91.0	97.7	102.9	108.4	114.4	121.2	127.3	131.8
-67.5°	65.6	70.3	73.5	75.8	80.4	84.7	88.9	93.1	98.0	104.5	109.2
-70°	53.4	59.4	62.9	64.8	65.3	66.0	69.0	71.9	76.3	83.9	90.0
-72.5°	41.1	47.0	51.6	54.8	55.0	53.9	52.8	51.8	56.2	65.2	72.7
-75°	31.5	35.1	39.7	43.3	44.1	42.8	40.7	38.8	42.8	50.3	57.6
-77.5°	23.7	26.6	29.4	32.3	33.1	32.5	31.1	28.9	32.2	38.3	45.0
-80°	16.6	18.0	20.0	22.1	22.7	22.5	21.8	20.6	23.2	27.0	31.2
-82.5°	10.7	11.7	12.5	13.4	13.4	13.1	12.6	12.1	14.0	16.3	18.8
-85°	5.4	5.3	5.7	6.1	6.2	6.2	6.0	5.7	6.5	7.4	8.5
-87.5°	2.7	2.7	2.6	2.4	2.2	2.0	1.8	1.5	1.5	1.6	1.7
-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: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.6
85°	9.5	9.3	8.8	8.1	7.3	7.7	8.2	8.6	9.0	8.4	7.8
82.5°	21.4	21.7	21.7	21.6	21.5	22.4	23.3	24.1	24.8	22.9	20.7
80°	36.0	37.7	38.7	39.6	40.4	40.4	39.9	39.0	37.6	34.4	30.9
77.5°	52.0	54.7	56.1	57.4	58.8	59.3	59.6	60.0	60.4	54.8	47.6
75°	64.5	68.5	70.9	73.0	75.0	76.2	76.8	77.2	77.4	70.6	61.9
72.5°	78.7	82.6	85.4	88.1	90.6	92.2	93.2	93.9	94.4	88.5	80.2
70°	94.3	97.4	100.8	104.1	107.1	109.2	110.6	111.7	112.5	111.9	111.5
67.5°	112.8	115.6	119.6	122.8	126.0	128.3	130.6	132.5	133.9	135.4	137.2
65°	136.0	142.5	148.5	151.5	151.9	155.2	160.5	164.0	165.7	167.1	168.9
62.5°	168.2	176.2	180.4	185.5	192.0	198.0	200.4	203.5	207.2	211.8	216.9
60°	195.9	202.4	209.2	216.2	222.2	227.2	232.7	238.1	243.0	247.5	252.0
57.5°	224.1	231.3	238.2	246.4	252.1	255.5	260.8	267.3	272.3	276.2	282.2
55°	253.4	262.7	272.1	279.4	284.9	288.4	292.5	298.7	302.4	303.9	310.7
52.5°	282.9	293.8	305.4	314.1	319.8	325.2	330.1	335.6	339.4	341.2	347.9
50°	310.1	323.2	336.1	347.4	355.0	363.9	373.9	378.9	382.1	385.7	393.1
47.5°	336.1	350.7	364.5	377.3	388.3	398.3	406.9	415.2	427.5	437.2	446.9
45°	361.1	376.7	391.6	405.9	418.2	437.7	456.3	472.1	514.3	549.9	577.0
42.5°	384.6	403.4	420.2	444.1	470.0	515.1	584.6	649.1	773.7	934.2	1068.2
40°	409.1	433.5	463.7	510.1	598.0	688.4	958.6	1199.4	1436.2	1705.6	1936.4
37.5°	437.6	474.5	562.9	667.9	949.8	1261.6	1644.5	2020.4	2347.7	2627.8	2861.6
35°	475.5	589.2	754.6	1137.1	1553.5	2064.8	2506.1	2859.6	3183.0	3442.5	3637.9
32.5°	587.1	795.1	1231.8	1758.0	2330.9	2824.7	3254.6	3593.1	3888.1	4120.7	4301.8
30°	750.3	1228.6	1821.7	2452.0	3022.5	3494.1	3891.3	4214.0	4477.3	4713.9	4912.6
27.5°	1138.5	1754.0	2451.1	3093.9	3612.9	4054.4	4410.7	4730.3	5020.6	5269.8	5504.7
25°	1563.3	2325.2	3028.3	3613.3	4097.7	4511.9	4887.7	5237.3	5562.2	5853.9	6127.2
22.5°	2073.4	2833.2	3505.3	4046.7	4516.0	4941.5	5340.7	5729.8	6108.1	6464.0	6794.6
20°	2535.3	3281.0	3867.0	4407.8	4895.4	5338.7	5778.7	6232.2	6668.7	7097.5	7495.5
17.5°	2895.2	3589.0	4177.3	4725.4	5221.7	5723.8	6227.3	6748.1	7274.7	7772.6	8248.8
15°	3195.8	3845.8	4442.0	4990.1	5535.8	6089.8	6652.3	7265.9	7892.2	8488.2	9095.1
12.5°	3408.8	4060.2	4664.6	5214.5	5826.3	6427.7	7082.5	7781.8	8505.2	9199.3	9944.9
10°	3580.1	4231.2	4830.6	5423.5	6070.9	6737.8	7472.2	8242.4	9105.7	9927.6	10730.9
7.5°	3727.1	4373.9	4963.9	5593.8	6274.5	7007.5	7806.2	8677.0	9611.2	10525.8	11481.9
5°	3834.6	4471.1	5067.4	5733.5	6431.0	7204.5	8063.7	8994.3	9996.1	10998.2	11943.9
2.5°	3891.5	4526.5	5131.8	5820.2	6522.8	7323.9	8218.8	9205.0	10263.2	11356.7	12289.1
0°	3890.2	4549.8	5156.6	5878.7	6590.2	7360.0	8285.4	9340.0	10372.4	11508.6	12465.7
-2.5°	3891.5	4526.5	5131.8	5820.2	6522.8	7323.9	8218.8	9205.0	10263.2	11356.7	12289.1
-5°	3834.6	4471.1	5067.4	5733.5	6431.0	7204.5	8063.7	8994.3	9996.1	10998.2	11943.9
-7.5°	3727.1	4373.9	4963.9	5593.8	6274.5	7007.5	7806.2	8677.0	9611.2	10525.8	11481.9
-10°	3580.1	4231.2	4830.6	5423.5	6070.9	6737.8	7472.2	8242.4	9105.7	9927.6	10730.9
-12.5°	3408.8	4060.2	4664.6	5214.5	5826.3	6427.7	7082.5	7781.8	8505.2	9199.3	9944.9
-15°	3195.8	3845.8	4442.0	4990.1	5535.8	6089.8	6652.3	7265.9	7892.2	8488.2	9095.1
-17.5°	2895.2	3589.0	4177.3	4725.4	5221.7	5723.8	6227.3	6748.1	7274.7	7772.6	8248.8
-20°	2535.3	3281.0	3867.0	4407.8	4895.4	5338.7	5778.7	6232.2	6668.7	7097.5	7495.5



REPORT NUMBER: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2073.4	2833.2	3505.3	4046.7	4516.0	4941.5	5340.7	5729.8	6108.1	6464.0	6794.6
-25°	1563.3	2325.2	3028.3	3613.3	4097.7	4511.9	4887.7	5237.3	5562.2	5853.9	6127.2
-27.5°	1138.5	1754.0	2451.1	3093.9	3612.9	4054.4	4410.7	4730.3	5020.6	5269.8	5504.7
-30°	750.3	1228.6	1821.7	2452.0	3022.5	3494.1	3891.3	4214.0	4477.3	4713.9	4912.6
-32.5°	587.1	795.1	1231.8	1758.0	2330.9	2824.7	3254.6	3593.1	3888.1	4120.7	4301.8
-35°	475.5	589.2	754.6	1137.1	1553.5	2064.8	2506.1	2859.6	3183.0	3442.5	3637.9
-37.5°	437.6	474.5	562.9	667.9	949.8	1261.6	1644.5	2020.4	2347.7	2627.8	2861.6
-40°	409.1	433.5	463.7	510.1	598.0	688.4	958.6	1199.4	1436.2	1705.6	1936.4
-42.5°	384.6	403.4	420.2	444.1	470.0	515.1	584.6	649.1	773.7	934.2	1068.2
-45°	361.1	376.7	391.6	405.9	418.2	437.7	456.3	472.1	514.3	549.9	577.0
-47.5°	336.1	350.7	364.5	377.3	388.3	398.3	406.9	415.2	427.5	437.2	446.9
-50°	310.1	323.2	336.1	347.4	355.0	363.9	373.9	378.9	382.1	385.7	393.1
-52.5°	282.9	293.8	305.4	314.1	319.8	325.2	330.1	335.6	339.4	341.2	347.9
-55°	253.4	262.7	272.1	279.4	284.9	288.4	292.5	298.7	302.4	303.9	310.7
-57.5°	224.1	231.3	238.2	246.4	252.1	255.5	260.8	267.3	272.3	276.2	282.2
-60°	195.9	202.4	209.2	216.2	222.2	227.2	232.7	238.1	243.0	247.5	252.0
-62.5°	168.2	176.2	180.4	185.5	192.0	198.0	200.4	203.5	207.2	211.8	216.9
-65°	136.0	142.5	148.5	151.5	151.9	155.2	160.5	164.0	165.7	167.1	168.9
-67.5°	112.8	115.6	119.6	122.8	126.0	128.3	130.6	132.5	133.9	135.4	137.2
-70°	94.3	97.4	100.8	104.1	107.1	109.2	110.6	111.7	112.5	111.9	111.5
-72.5°	78.7	82.6	85.4	88.1	90.6	92.2	93.2	93.9	94.4	88.5	80.2
-75°	64.5	68.5	70.9	73.0	75.0	76.2	76.8	77.2	77.4	70.6	61.9
-77.5°	52.0	54.7	56.1	57.4	58.8	59.3	59.6	60.0	60.4	54.8	47.6
-80°	36.0	37.7	38.7	39.6	40.4	40.4	39.9	39.0	37.6	34.4	30.9
-82.5°	21.4	21.7	21.7	21.6	21.5	22.4	23.3	24.1	24.8	22.9	20.7
-85°	9.5	9.3	8.8	8.1	7.3	7.7	8.2	8.6	9.0	8.4	7.8
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.6
-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: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	1.3	1.1	1.1	1.1	1.1	1.1	1.3	1.6	1.8	2.0	2.0
85°	7.1	6.4	6.4	6.4	6.4	6.4	7.1	7.8	8.4	9.0	8.6
82.5°	18.3	15.8	15.9	15.9	15.9	15.8	18.3	20.7	22.9	24.8	24.1
80°	27.2	23.3	23.8	24.4	23.8	23.3	27.2	30.9	34.4	37.6	39.0
77.5°	40.0	32.0	31.8	31.8	31.8	32.0	40.0	47.6	54.8	60.4	60.0
75°	53.0	43.8	43.3	43.4	43.3	43.8	53.0	61.9	70.6	77.4	77.2
72.5°	71.6	62.8	58.9	55.1	58.9	62.8	71.6	80.2	88.5	94.4	93.9
70°	111.6	111.9	107.9	102.7	107.9	111.9	111.6	111.5	111.9	112.5	111.7
67.5°	138.7	139.8	141.5	142.9	141.5	139.8	138.7	137.2	135.4	133.9	132.5
65°	169.7	169.6	170.2	170.5	170.2	169.6	169.7	168.9	167.1	165.7	164.0
62.5°	221.4	225.0	227.5	228.7	227.5	225.0	221.4	216.9	211.8	207.2	203.5
60°	255.7	258.6	262.7	266.8	262.7	258.6	255.7	252.0	247.5	243.0	238.1
57.5°	287.7	292.6	296.7	299.7	296.7	292.6	287.7	282.2	276.2	272.3	267.3
55°	317.2	323.0	328.5	333.5	328.5	323.0	317.2	310.7	303.9	302.4	298.7
52.5°	354.3	359.1	366.9	376.9	366.9	359.1	354.3	347.9	341.2	339.4	335.6
50°	401.8	409.0	418.9	430.9	418.9	409.0	401.8	393.1	385.7	382.1	378.9
47.5°	456.6	463.9	473.4	486.0	473.4	463.9	456.6	446.9	437.2	427.5	415.2
45°	601.7	618.6	634.1	651.2	634.1	618.6	601.7	577.0	549.9	514.3	472.1
42.5°	1175.6	1249.9	1281.9	1263.2	1281.9	1249.9	1175.6	1068.2	934.2	773.7	649.1
40°	2112.3	2235.8	2308.4	2333.7	2308.4	2235.8	2112.3	1936.4	1705.6	1436.2	1199.4
37.5°	3032.4	3146.1	3207.4	3214.6	3207.4	3146.1	3032.4	2861.6	2627.8	2347.7	2020.4
35°	3778.9	3872.5	3928.0	3969.6	3928.0	3872.5	3778.9	3637.9	3442.5	3183.0	2859.6
32.5°	4449.2	4555.9	4617.6	4603.8	4617.6	4555.9	4449.2	4301.8	4120.7	3888.1	3593.1
30°	5075.4	5192.1	5264.5	5266.7	5264.5	5192.1	5075.4	4912.6	4713.9	4477.3	4214.0
27.5°	5694.5	5825.5	5901.1	5960.2	5901.1	5825.5	5694.5	5504.7	5269.8	5020.6	4730.3
25°	6355.0	6518.3	6615.2	6673.9	6615.2	6518.3	6355.0	6127.2	5853.9	5562.2	5237.3
22.5°	7067.2	7269.4	7402.2	7457.4	7402.2	7269.4	7067.2	6794.6	6464.0	6108.1	5729.8
20°	7841.8	8092.3	8262.0	8256.9	8262.0	8092.3	7841.8	7495.5	7097.5	6668.7	6232.2
17.5°	8706.1	9029.3	9248.0	9279.7	9248.0	9029.3	8706.1	8248.8	7772.6	7274.7	6748.1
15°	9632.7	10049.4	10332.4	10420.1	10332.4	10049.4	9632.7	9095.1	8488.2	7892.2	7265.9
12.5°	10582.3	11077.9	11455.1	11580.6	11455.1	11077.9	10582.3	9944.9	9199.3	8505.2	7781.8
10°	11487.0	12036.0	12445.5	12626.7	12445.5	12036.0	11487.0	10730.9	9927.6	9105.7	8242.4
7.5°	12243.4	12801.2	13222.9	13372.1	13222.9	12801.2	12243.4	11481.9	10525.8	9611.2	8677.0
5°	12741.7	13351.1	13679.0	13863.4	13679.0	13351.1	12741.7	11943.9	10998.2	9996.1	8994.3
2.5°	13074.6	13591.4	13923.5	14093.2	13923.5	13591.4	13074.6	12289.1	11356.7	10263.2	9205.0
0°	13251.4	13777.7	14021.2	14103.8	14021.2	13777.7	13251.4	12465.7	11508.6	10372.4	9340.0
-2.5°	13074.6	13591.4	13923.5	14093.2	13923.5	13591.4	13074.6	12289.1	11356.7	10263.2	9205.0
-5°	12741.7	13351.1	13679.0	13863.4	13679.0	13351.1	12741.7	11943.9	10998.2	9996.1	8994.3
-7.5°	12243.4	12801.2	13222.9	13372.1	13222.9	12801.2	12243.4	11481.9	10525.8	9611.2	8677.0
-10°	11487.0	12036.0	12445.5	12626.7	12445.5	12036.0	11487.0	10730.9	9927.6	9105.7	8242.4
-12.5°	10582.3	11077.9	11455.1	11580.6	11455.1	11077.9	10582.3	9944.9	9199.3	8505.2	7781.8
-15°	9632.7	10049.4	10332.4	10420.1	10332.4	10049.4	9632.7	9095.1	8488.2	7892.2	7265.9
-17.5°	8706.1	9029.3	9248.0	9279.7	9248.0	9029.3	8706.1	8248.8	7772.6	7274.7	6748.1
-20°	7841.8	8092.3	8262.0	8256.9	8262.0	8092.3	7841.8	7495.5	7097.5	6668.7	6232.2



REPORT NUMBER: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	7067.2	7269.4	7402.2	7457.4	7402.2	7269.4	7067.2	6794.6	6464.0	6108.1	5729.8
-25°	6355.0	6518.3	6615.2	6673.9	6615.2	6518.3	6355.0	6127.2	5853.9	5562.2	5237.3
-27.5°	5694.5	5825.5	5901.1	5960.2	5901.1	5825.5	5694.5	5504.7	5269.8	5020.6	4730.3
-30°	5075.4	5192.1	5264.5	5266.7	5264.5	5192.1	5075.4	4912.6	4713.9	4477.3	4214.0
-32.5°	4449.2	4555.9	4617.6	4603.8	4617.6	4555.9	4449.2	4301.8	4120.7	3888.1	3593.1
-35°	3778.9	3872.5	3928.0	3969.6	3928.0	3872.5	3778.9	3637.9	3442.5	3183.0	2859.6
-37.5°	3032.4	3146.1	3207.4	3214.6	3207.4	3146.1	3032.4	2861.6	2627.8	2347.7	2020.4
-40°	2112.3	2235.8	2308.4	2333.7	2308.4	2235.8	2112.3	1936.4	1705.6	1436.2	1199.4
-42.5°	1175.6	1249.9	1281.9	1263.2	1281.9	1249.9	1175.6	1068.2	934.2	773.7	649.1
-45°	601.7	618.6	634.1	651.2	634.1	618.6	601.7	577.0	549.9	514.3	472.1
-47.5°	456.6	463.9	473.4	486.0	473.4	463.9	456.6	446.9	437.2	427.5	415.2
-50°	401.8	409.0	418.9	430.9	418.9	409.0	401.8	393.1	385.7	382.1	378.9
-52.5°	354.3	359.1	366.9	376.9	366.9	359.1	354.3	347.9	341.2	339.4	335.6
-55°	317.2	323.0	328.5	333.5	328.5	323.0	317.2	310.7	303.9	302.4	298.7
-57.5°	287.7	292.6	296.7	299.7	296.7	292.6	287.7	282.2	276.2	272.3	267.3
-60°	255.7	258.6	262.7	266.8	262.7	258.6	255.7	252.0	247.5	243.0	238.1
-62.5°	221.4	225.0	227.5	228.7	227.5	225.0	221.4	216.9	211.8	207.2	203.5
-65°	169.7	169.6	170.2	170.5	170.2	169.6	169.7	168.9	167.1	165.7	164.0
-67.5°	138.7	139.8	141.5	142.9	141.5	139.8	138.7	137.2	135.4	133.9	132.5
-70°	111.6	111.9	107.9	102.7	107.9	111.9	111.6	111.5	111.9	112.5	111.7
-72.5°	71.6	62.8	58.9	55.1	58.9	62.8	71.6	80.2	88.5	94.4	93.9
-75°	53.0	43.8	43.3	43.4	43.3	43.8	53.0	61.9	70.6	77.4	77.2
-77.5°	40.0	32.0	31.8	31.8	31.8	32.0	40.0	47.6	54.8	60.4	60.0
-80°	27.2	23.3	23.8	24.4	23.8	23.3	27.2	30.9	34.4	37.6	39.0
-82.5°	18.3	15.8	15.9	15.9	15.9	15.8	18.3	20.7	22.9	24.8	24.1
-85°	7.1	6.4	6.4	6.4	6.4	6.4	7.1	7.8	8.4	9.0	8.6
-87.5°	1.3	1.1	1.1	1.1	1.1	1.1	1.3	1.6	1.8	2.0	2.0
-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: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	8.2	7.7	7.3	8.1	8.8	9.3	9.5	8.5	7.4	6.5	5.7
82.5°	23.3	22.4	21.5	21.6	21.7	21.7	21.4	18.8	16.3	14.0	12.1
80°	39.9	40.4	40.4	39.6	38.7	37.7	36.0	31.2	27.0	23.2	20.6
77.5°	59.6	59.3	58.8	57.4	56.1	54.7	52.0	45.0	38.3	32.2	28.9
75°	76.8	76.2	75.0	73.0	70.9	68.5	64.5	57.6	50.3	42.8	38.8
72.5°	93.2	92.2	90.6	88.1	85.4	82.6	78.7	72.7	65.2	56.2	51.8
70°	110.6	109.2	107.1	104.1	100.8	97.4	94.3	90.0	83.9	76.3	71.9
67.5°	130.6	128.3	126.0	122.8	119.6	115.6	112.8	109.2	104.5	98.0	93.1
65°	160.5	155.2	151.9	151.5	148.5	142.5	136.0	131.8	127.3	121.2	114.4
62.5°	200.4	198.0	192.0	185.5	180.4	176.2	168.2	159.4	151.8	144.9	136.8
60°	232.7	227.2	222.2	216.2	209.2	202.4	195.9	187.2	176.6	167.9	159.1
57.5°	260.8	255.5	252.1	246.4	238.2	231.3	224.1	215.4	204.9	192.4	181.3
55°	292.5	288.4	284.9	279.4	272.1	262.7	253.4	244.1	232.4	217.3	203.6
52.5°	330.1	325.2	319.8	314.1	305.4	293.8	282.9	271.9	258.2	241.9	225.3
50°	373.9	363.9	355.0	347.4	336.1	323.2	310.1	297.8	281.6	264.8	247.4
47.5°	406.9	398.3	388.3	377.3	364.5	350.7	336.1	320.5	303.6	286.0	267.8
45°	456.3	437.7	418.2	405.9	391.6	376.7	361.1	343.3	324.8	306.2	287.0
42.5°	584.6	515.1	470.0	444.1	420.2	403.4	384.6	365.3	345.7	325.7	305.5
40°	958.6	688.4	598.0	510.1	463.7	433.5	409.1	386.6	365.7	344.6	323.2
37.5°	1644.5	1261.6	949.8	667.9	562.9	474.5	437.6	408.6	384.8	362.8	340.3
35°	2506.1	2064.8	1553.5	1137.1	754.6	589.2	475.5	434.7	404.4	380.5	356.8
32.5°	3254.6	2824.7	2330.9	1758.0	1231.8	795.1	587.1	469.5	426.0	398.0	372.8
30°	3891.3	3494.1	3022.5	2452.0	1821.7	1228.6	750.3	558.5	458.1	414.6	388.1
27.5°	4410.7	4054.4	3612.9	3093.9	2451.1	1754.0	1138.5	669.4	506.4	439.6	402.6
25°	4887.7	4511.9	4097.7	3613.3	3028.3	2325.2	1563.3	961.3	601.3	466.3	416.0
22.5°	5340.7	4941.5	4516.0	4046.7	3505.3	2833.2	2073.4	1286.1	697.1	514.6	437.0
20°	5778.7	5338.7	4895.4	4407.8	3867.0	3281.0	2535.3	1675.4	970.5	588.1	456.9
17.5°	6227.3	5723.8	5221.7	4725.4	4177.3	3589.0	2895.2	2066.8	1208.1	654.1	474.1
15°	6652.3	6089.8	5535.8	4990.1	4442.0	3845.8	3195.8	2415.4	1444.0	787.8	523.0
12.5°	7082.5	6427.7	5826.3	5214.5	4664.6	4060.2	3408.8	2653.4	1720.8	951.5	571.5
10°	7472.2	6737.8	6070.9	5423.5	4830.6	4231.2	3580.1	2844.6	1948.4	1086.1	611.4
7.5°	7806.2	7007.5	6274.5	5593.8	4963.9	4373.9	3727.1	2997.2	2119.8	1190.1	642.5
5°	8063.7	7204.5	6431.0	5733.5	5067.4	4471.1	3834.6	3108.3	2235.3	1263.2	664.9
2.5°	8218.8	7323.9	6522.8	5820.2	5131.8	4526.5	3891.5	3179.4	2308.9	1310.3	681.4
0°	8285.4	7360.0	6590.2	5878.7	5156.6	4549.8	3890.2	3206.2	2335.8	1327.8	689.3
-2.5°	8218.8	7323.9	6522.8	5820.2	5131.8	4526.5	3891.5	3179.4	2308.9	1310.3	681.4
-5°	8063.7	7204.5	6431.0	5733.5	5067.4	4471.1	3834.6	3108.3	2235.3	1263.2	664.9
-7.5°	7806.2	7007.5	6274.5	5593.8	4963.9	4373.9	3727.1	2997.2	2119.8	1190.1	642.5
-10°	7472.2	6737.8	6070.9	5423.5	4830.6	4231.2	3580.1	2844.6	1948.4	1086.1	611.4
-12.5°	7082.5	6427.7	5826.3	5214.5	4664.6	4060.2	3408.8	2653.4	1720.8	951.5	571.5
-15°	6652.3	6089.8	5535.8	4990.1	4442.0	3845.8	3195.8	2415.4	1444.0	787.8	523.0
-17.5°	6227.3	5723.8	5221.7	4725.4	4177.3	3589.0	2895.2	2066.8	1208.1	654.1	474.1
-20°	5778.7	5338.7	4895.4	4407.8	3867.0	3281.0	2535.3	1675.4	970.5	588.1	456.9



REPORT NUMBER: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5340.7	4941.5	4516.0	4046.7	3505.3	2833.2	2073.4	1286.1	697.1	514.6	437.0
-25°	4887.7	4511.9	4097.7	3613.3	3028.3	2325.2	1563.3	961.3	601.3	466.3	416.0
-27.5°	4410.7	4054.4	3612.9	3093.9	2451.1	1754.0	1138.5	669.4	506.4	439.6	402.6
-30°	3891.3	3494.1	3022.5	2452.0	1821.7	1228.6	750.3	558.5	458.1	414.6	388.1
-32.5°	3254.6	2824.7	2330.9	1758.0	1231.8	795.1	587.1	469.5	426.0	398.0	372.8
-35°	2506.1	2064.8	1553.5	1137.1	754.6	589.2	475.5	434.7	404.4	380.5	356.8
-37.5°	1644.5	1261.6	949.8	667.9	562.9	474.5	437.6	408.6	384.8	362.8	340.3
-40°	958.6	688.4	598.0	510.1	463.7	433.5	409.1	386.6	365.7	344.6	323.2
-42.5°	584.6	515.1	470.0	444.1	420.2	403.4	384.6	365.3	345.7	325.7	305.5
-45°	456.3	437.7	418.2	405.9	391.6	376.7	361.1	343.3	324.8	306.2	287.0
-47.5°	406.9	398.3	388.3	377.3	364.5	350.7	336.1	320.5	303.6	286.0	267.8
-50°	373.9	363.9	355.0	347.4	336.1	323.2	310.1	297.8	281.6	264.8	247.4
-52.5°	330.1	325.2	319.8	314.1	305.4	293.8	282.9	271.9	258.2	241.9	225.3
-55°	292.5	288.4	284.9	279.4	272.1	262.7	253.4	244.1	232.4	217.3	203.6
-57.5°	260.8	255.5	252.1	246.4	238.2	231.3	224.1	215.4	204.9	192.4	181.3
-60°	232.7	227.2	222.2	216.2	209.2	202.4	195.9	187.2	176.6	167.9	159.1
-62.5°	200.4	198.0	192.0	185.5	180.4	176.2	168.2	159.4	151.8	144.9	136.8
-65°	160.5	155.2	151.9	151.5	148.5	142.5	136.0	131.8	127.3	121.2	114.4
-67.5°	130.6	128.3	126.0	122.8	119.6	115.6	112.8	109.2	104.5	98.0	93.1
-70°	110.6	109.2	107.1	104.1	100.8	97.4	94.3	90.0	83.9	76.3	71.9
-72.5°	93.2	92.2	90.6	88.1	85.4	82.6	78.7	72.7	65.2	56.2	51.8
-75°	76.8	76.2	75.0	73.0	70.9	68.5	64.5	57.6	50.3	42.8	38.8
-77.5°	59.6	59.3	58.8	57.4	56.1	54.7	52.0	45.0	38.3	32.2	28.9
-80°	39.9	40.4	40.4	39.6	38.7	37.7	36.0	31.2	27.0	23.2	20.6
-82.5°	23.3	22.4	21.5	21.6	21.7	21.7	21.4	18.8	16.3	14.0	12.1
-85°	8.2	7.7	7.3	8.1	8.8	9.3	9.5	8.5	7.4	6.5	5.7
-87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	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: P558709 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	1.8	2.0	2.2	2.4	2.6	2.7	2.7	2.7	2.5	2.4	2.1
85°	6.0	6.2	6.2	6.1	5.7	5.3	5.4	5.4	5.1	4.7	4.3
82.5°	12.6	13.1	13.4	13.4	12.5	11.7	10.7	9.8	8.7	7.3	6.4
80°	21.8	22.5	22.7	22.1	20.0	18.0	16.6	15.2	14.1	12.5	10.5
77.5°	31.1	32.5	33.1	32.3	29.4	26.6	23.7	21.1	19.6	17.8	15.5
75°	40.7	42.8	44.1	43.3	39.7	35.1	31.5	28.4	26.2	23.3	20.5
72.5°	52.8	53.9	55.0	54.8	51.6	47.0	41.1	35.8	33.3	30.0	25.9
70°	69.0	66.0	65.3	64.8	62.9	59.4	53.4	46.4	40.5	36.8	32.2
67.5°	88.9	84.7	80.4	75.8	73.5	70.3	65.6	57.3	49.7	43.6	38.5
65°	108.4	102.9	97.7	91.0	85.5	81.3	76.4	67.6	58.4	50.8	44.8
62.5°	128.4	120.2	113.2	105.5	98.3	92.3	87.1	77.2	66.9	57.6	50.5
60°	149.4	139.5	128.8	119.6	110.8	102.9	95.9	86.6	75.4	64.1	55.7
57.5°	170.7	159.1	146.1	133.9	123.4	113.8	104.3	94.8	83.8	71.3	60.3
55°	191.7	179.0	163.3	148.8	136.1	125.0	113.1	102.4	91.8	78.7	63.7
52.5°	210.4	197.2	181.5	164.0	148.8	135.7	122.6	109.8	98.5	86.0	68.2
50°	229.5	213.1	198.2	180.8	161.4	146.3	131.8	118.0	105.0	92.7	72.5
47.5°	249.3	230.2	212.8	196.5	176.7	156.6	141.1	126.0	111.4	98.4	76.3
45°	267.6	247.9	227.8	209.7	191.0	168.6	150.2	133.8	118.3	101.2	79.5
42.5°	284.9	264.3	243.3	222.5	202.9	180.4	159.0	141.6	125.0	103.5	81.8
40°	301.6	279.8	257.9	236.2	214.8	191.1	168.6	149.3	130.9	105.5	83.3
37.5°	317.4	294.6	271.6	249.3	226.9	202.2	177.5	156.6	133.7	107.6	84.3
35°	332.7	308.6	285.3	261.8	238.4	213.5	185.4	163.6	138.0	109.4	84.9
32.5°	347.3	322.2	298.2	274.0	249.2	224.8	194.3	170.0	143.2	110.9	85.0
30°	361.5	335.5	310.4	285.5	259.4	234.3	204.3	176.3	149.3	112.1	85.0
27.5°	375.0	347.8	321.7	296.1	269.4	242.9	214.0	182.5	156.1	114.3	85.6
25°	387.4	359.3	332.2	305.8	278.8	251.3	223.1	188.5	161.8	118.9	85.8
22.5°	399.0	369.8	341.7	314.7	287.9	259.3	230.7	196.0	166.4	123.6	85.7
20°	409.4	379.0	350.7	324.0	296.2	267.0	237.2	202.7	170.8	128.5	85.3
17.5°	419.9	388.7	360.9	332.9	303.9	274.0	243.2	208.8	174.9	133.3	84.5
15°	436.4	399.2	370.3	341.3	311.0	280.2	248.7	214.1	178.6	137.9	84.2
12.5°	451.3	408.6	378.6	349.0	317.5	285.7	253.7	218.6	181.9	141.1	84.6
10°	463.8	416.8	386.0	356.0	323.3	290.4	258.1	222.5	184.6	142.4	84.4
7.5°	474.1	423.8	392.4	362.3	328.7	294.9	262.1	225.8	187.3	142.6	83.7
5°	482.9	431.5	400.4	369.1	335.1	299.4	265.5	228.3	189.7	141.6	82.6
2.5°	493.0	440.8	409.3	375.1	340.6	303.1	268.2	229.9	191.6	139.6	81.1
0°	500.8	448.9	417.2	380.1	345.2	306.0	270.0	230.8	192.7	136.6	79.4
-2.5°	493.0	440.8	409.3	375.1	340.6	303.1	268.2	229.9	191.6	139.6	81.1
-5°	482.9	431.5	400.4	369.1	335.1	299.4	265.5	228.3	189.7	141.6	82.6
-7.5°	474.1	423.8	392.4	362.3	328.7	294.9	262.1	225.8	187.3	142.6	83.7
-10°	463.8	416.8	386.0	356.0	323.3	290.4	258.1	222.5	184.6	142.4	84.4
-12.5°	451.3	408.6	378.6	349.0	317.5	285.7	253.7	218.6	181.9	141.1	84.6
-15°	436.4	399.2	370.3	341.3	311.0	280.2	248.7	214.1	178.6	137.9	84.2
-17.5°	419.9	388.7	360.9	332.9	303.9	274.0	243.2	208.8	174.9	133.3	84.5
-20°	409.4	379.0	350.7	324.0	296.2	267.0	237.2	202.7	170.8	128.5	85.3



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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°	399.0	369.8	341.7	314.7	287.9	259.3	230.7	196.0	166.4	123.6	85.7
-25°	387.4	359.3	332.2	305.8	278.8	251.3	223.1	188.5	161.8	118.9	85.8
-27.5°	375.0	347.8	321.7	296.1	269.4	242.9	214.0	182.5	156.1	114.3	85.6
-30°	361.5	335.5	310.4	285.5	259.4	234.3	204.3	176.3	149.3	112.1	85.0
-32.5°	347.3	322.2	298.2	274.0	249.2	224.8	194.3	170.0	143.2	110.9	85.0
-35°	332.7	308.6	285.3	261.8	238.4	213.5	185.4	163.6	138.0	109.4	84.9
-37.5°	317.4	294.6	271.6	249.3	226.9	202.2	177.5	156.6	133.7	107.6	84.3
-40°	301.6	279.8	257.9	236.2	214.8	191.1	168.6	149.3	130.9	105.5	83.3
-42.5°	284.9	264.3	243.3	222.5	202.9	180.4	159.0	141.6	125.0	103.5	81.8
-45°	267.6	247.9	227.8	209.7	191.0	168.6	150.2	133.8	118.3	101.2	79.5
-47.5°	249.3	230.2	212.8	196.5	176.7	156.6	141.1	126.0	111.4	98.4	76.3
-50°	229.5	213.1	198.2	180.8	161.4	146.3	131.8	118.0	105.0	92.7	72.5
-52.5°	210.4	197.2	181.5	164.0	148.8	135.7	122.6	109.8	98.5	86.0	68.2
-55°	191.7	179.0	163.3	148.8	136.1	125.0	113.1	102.4	91.8	78.7	63.7
-57.5°	170.7	159.1	146.1	133.9	123.4	113.8	104.3	94.8	83.8	71.3	60.3
-60°	149.4	139.5	128.8	119.6	110.8	102.9	95.9	86.6	75.4	64.1	55.7
-62.5°	128.4	120.2	113.2	105.5	98.3	92.3	87.1	77.2	66.9	57.6	50.5
-65°	108.4	102.9	97.7	91.0	85.5	81.3	76.4	67.6	58.4	50.8	44.8
-67.5°	88.9	84.7	80.4	75.8	73.5	70.3	65.6	57.3	49.7	43.6	38.5
-70°	69.0	66.0	65.3	64.8	62.9	59.4	53.4	46.4	40.5	36.8	32.2
-72.5°	52.8	53.9	55.0	54.8	51.6	47.0	41.1	35.8	33.3	30.0	25.9
-75°	40.7	42.8	44.1	43.3	39.7	35.1	31.5	28.4	26.2	23.3	20.5
-77.5°	31.1	32.5	33.1	32.3	29.4	26.6	23.7	21.1	19.6	17.8	15.5
-80°	21.8	22.5	22.7	22.1	20.0	18.0	16.6	15.2	14.1	12.5	10.5
-82.5°	12.6	13.1	13.4	13.4	12.5	11.7	10.7	9.8	8.7	7.3	6.4
-85°	6.0	6.2	6.2	6.1	5.7	5.3	5.4	5.4	5.1	4.7	4.3
-87.5°	1.8	2.0	2.2	2.4	2.6	2.7	2.7	2.7	2.5	2.4	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



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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°	1.9	1.5	1.1	0.8	0.5	0.2	0.0
85°	3.8	3.0	2.2	1.5	0.9	0.5	0.0
82.5°	5.7	4.4	3.3	2.3	1.4	0.7	0.0
80°	7.9	5.9	4.4	3.0	1.8	0.9	0.0
77.5°	12.4	8.0	5.4	3.7	2.3	1.1	0.0
75°	16.8	11.5	6.7	4.5	2.7	1.4	0.0
72.5°	21.1	14.8	9.2	5.2	3.2	1.6	0.0
70°	25.4	18.1	11.7	6.1	3.6	1.8	0.0
67.5°	30.4	21.3	14.0	7.7	4.1	2.0	0.0
65°	35.3	24.6	16.3	9.3	4.5	2.2	0.0
62.5°	39.8	28.2	18.5	10.8	4.9	2.4	0.0
60°	44.2	31.6	20.6	12.3	5.3	2.6	0.0
57.5°	47.2	34.8	23.0	13.7	6.2	2.8	0.0
55°	49.7	37.9	25.3	15.1	7.1	3.0	0.0
52.5°	51.9	40.5	27.5	16.4	8.0	3.2	0.0
50°	53.6	41.8	29.5	17.6	8.8	3.4	0.0
47.5°	55.3	42.8	31.3	18.8	9.6	3.6	0.0
45°	58.0	43.6	33.0	20.0	10.4	3.7	0.0
42.5°	60.3	44.1	34.5	21.2	11.1	3.9	0.0
40°	62.1	44.4	35.3	22.4	11.8	4.1	0.0
37.5°	63.6	44.4	35.4	23.6	12.5	4.2	0.0
35°	64.6	45.0	35.4	24.9	13.1	4.3	0.0
32.5°	65.1	45.7	35.2	26.0	13.7	4.5	0.0
30°	65.0	46.1	34.9	27.2	14.2	4.6	0.0
27.5°	64.6	46.2	35.2	28.3	14.7	4.7	0.0
25°	63.9	46.1	35.7	29.3	15.1	4.8	0.0
22.5°	62.9	46.2	36.0	30.3	15.5	4.9	0.0
20°	61.6	47.4	36.3	31.3	15.8	5.0	0.0
17.5°	61.7	48.4	36.5	32.2	16.1	5.1	0.0
15°	62.6	49.3	36.7	33.0	16.4	5.1	0.0
12.5°	63.3	50.1	36.9	33.7	16.6	5.2	0.0
10°	63.9	50.8	37.0	34.3	16.7	5.2	0.0
7.5°	64.3	51.3	37.0	34.9	16.8	5.3	0.0
5°	64.6	51.6	37.1	35.4	16.9	5.3	0.0
2.5°	64.7	51.8	37.1	35.7	16.9	5.3	0.0
0°	64.6	51.9	37.1	36.0	16.9	5.3	0.0
-2.5°	64.7	51.8	37.1	35.7	16.9	5.3	0.0
-5°	64.6	51.6	37.1	35.4	16.9	5.3	0.0
-7.5°	64.3	51.3	37.0	34.9	16.8	5.3	0.0
-10°	63.9	50.8	37.0	34.3	16.7	5.2	0.0
-12.5°	63.3	50.1	36.9	33.7	16.6	5.2	0.0
-15°	62.6	49.3	36.7	33.0	16.4	5.1	0.0
-17.5°	61.7	48.4	36.5	32.2	16.1	5.1	0.0
-20°	61.6	47.4	36.3	31.3	15.8	5.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.9	46.2	36.0	30.3	15.5	4.9	0.0
-25°	63.9	46.1	35.7	29.3	15.1	4.8	0.0
-27.5°	64.6	46.2	35.2	28.3	14.7	4.7	0.0
-30°	65.0	46.1	34.9	27.2	14.2	4.6	0.0
-32.5°	65.1	45.7	35.2	26.0	13.7	4.5	0.0
-35°	64.6	45.0	35.4	24.9	13.1	4.3	0.0
-37.5°	63.6	44.4	35.4	23.6	12.5	4.2	0.0
-40°	62.1	44.4	35.3	22.4	11.8	4.1	0.0
-42.5°	60.3	44.1	34.5	21.2	11.1	3.9	0.0
-45°	58.0	43.6	33.0	20.0	10.4	3.7	0.0
-47.5°	55.3	42.8	31.3	18.8	9.6	3.6	0.0
-50°	53.6	41.8	29.5	17.6	8.8	3.4	0.0
-52.5°	51.9	40.5	27.5	16.4	8.0	3.2	0.0
-55°	49.7	37.9	25.3	15.1	7.1	3.0	0.0
-57.5°	47.2	34.8	23.0	13.7	6.2	2.8	0.0
-60°	44.2	31.6	20.6	12.3	5.3	2.6	0.0
-62.5°	39.8	28.2	18.5	10.8	4.9	2.4	0.0
-65°	35.3	24.6	16.3	9.3	4.5	2.2	0.0
-67.5°	30.4	21.3	14.0	7.7	4.1	2.0	0.0
-70°	25.4	18.1	11.7	6.1	3.6	1.8	0.0
-72.5°	21.1	14.8	9.2	5.2	3.2	1.6	0.0
-75°	16.8	11.5	6.7	4.5	2.7	1.4	0.0
-77.5°	12.4	8.0	5.4	3.7	2.3	1.1	0.0
-80°	7.9	5.9	4.4	3.0	1.8	0.9	0.0
-82.5°	5.7	4.4	3.3	2.3	1.4	0.7	0.0
-85°	3.8	3.0	2.2	1.5	0.9	0.5	0.0
-87.5°	1.9	1.5	1.1	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)