

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: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3D-940-U-TSB-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

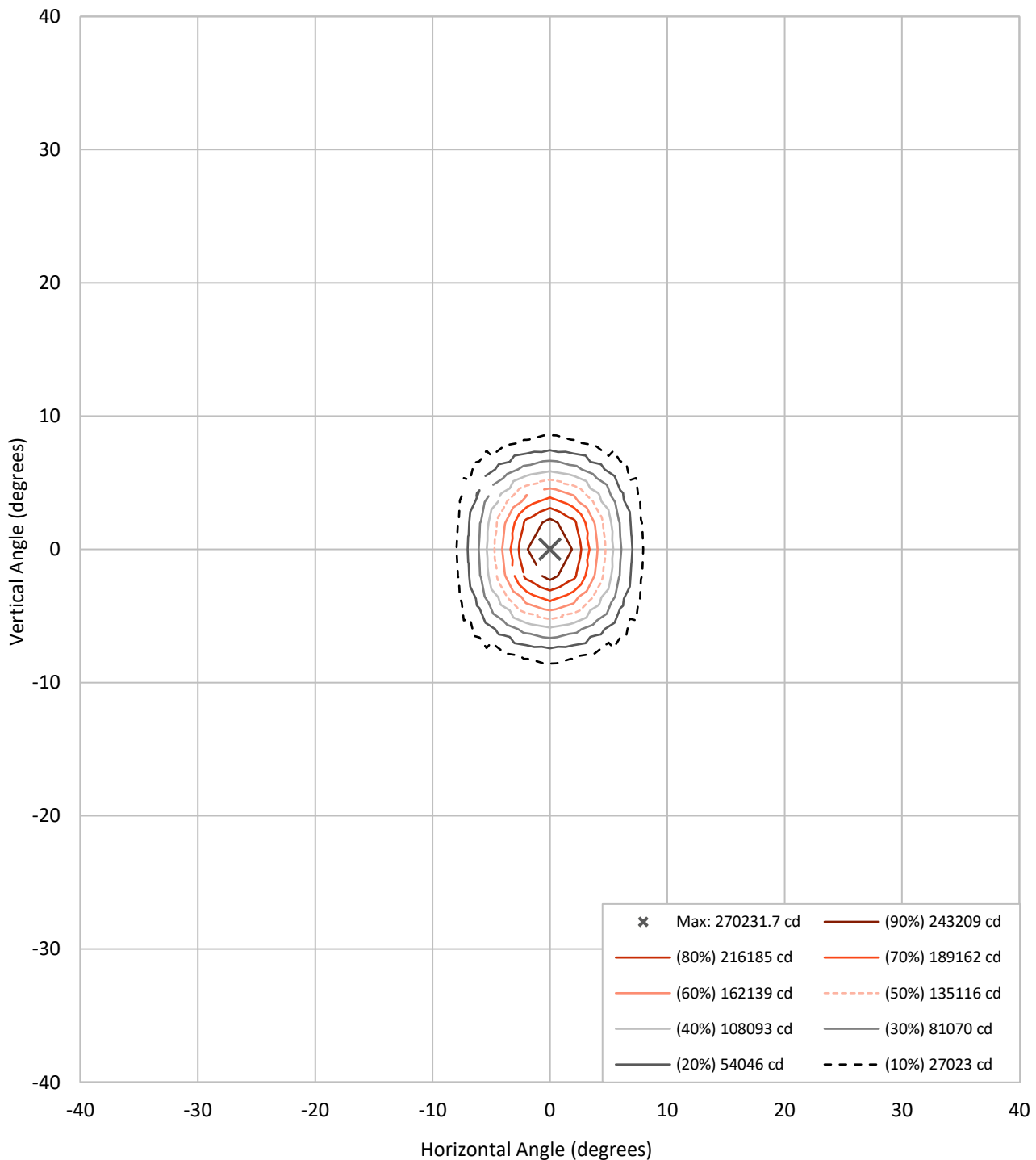
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10523.4 lumens	Max Intensity:	270231.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4510.5 lumens	Field Lumens:	7773.8 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 158  
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





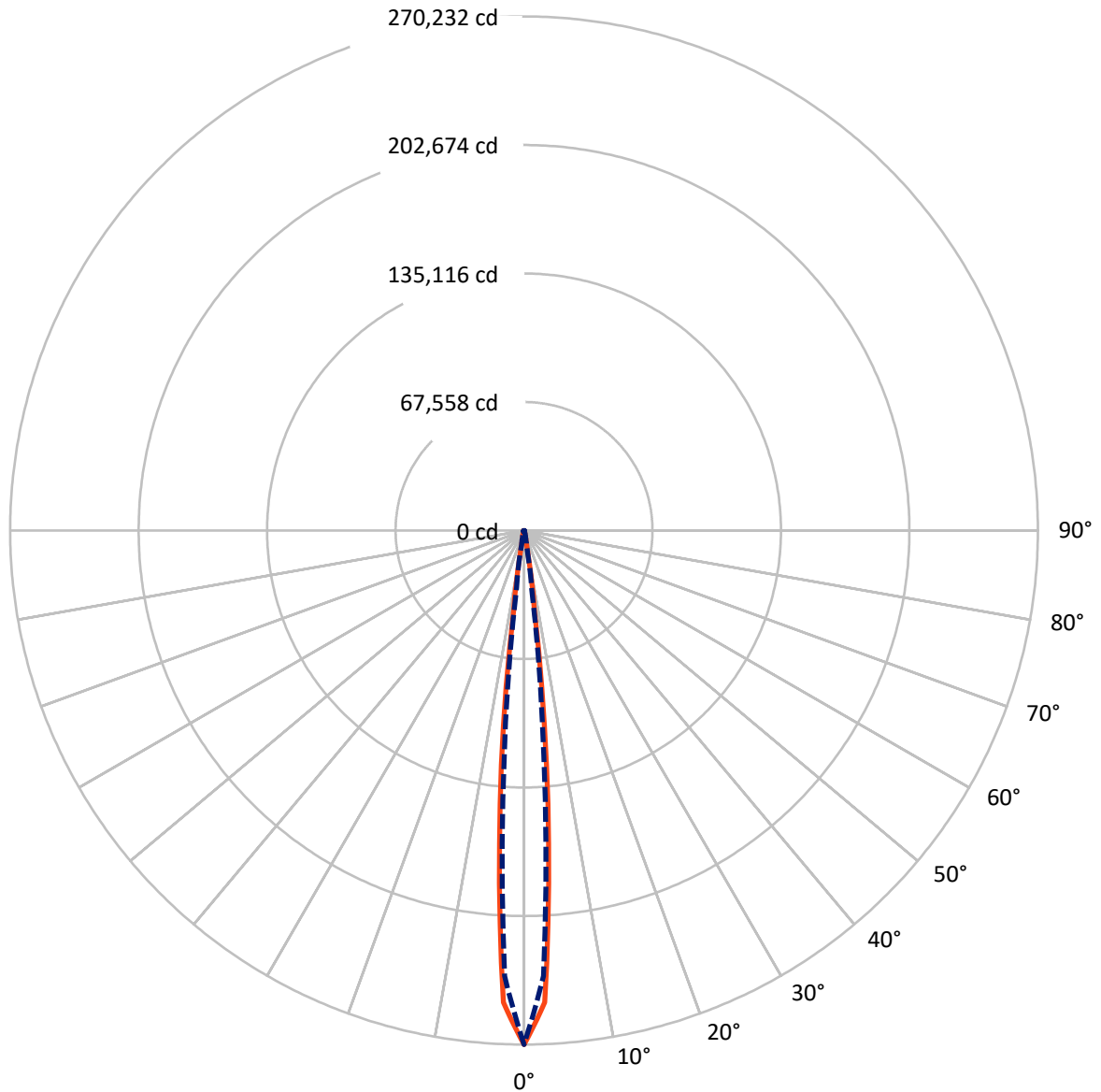
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### Lumen Table

90	0.0	0.3	1.1	2.5	4.3	2.5	1.1	0.3	0.0							
80	0.0	0.3	1.1	2.5	4.3	2.5	1.1	0.3	0.0							
70	0.2	0.2	0.6	1.2	1.8	2.3	3.7	6.5	6.5	3.7	2.3	1.8	1.2	0.6	0.2	0.2
60		0.4	1.0	2.2	3.4	4.7	6.3	8.5	8.5	6.3	4.7	3.4	2.2	1.0	0.4	
50	0.5	0.7	1.6	3.4	5.9	8.9	11.4	13.7	13.7	11.4	8.9	5.9	3.4	1.6	0.7	0.5
40		1.2	2.3	5.1	9.3	12.5	14.1	14.9	14.9	14.1	12.5	9.3	5.1	2.3	1.2	
30	1.1	1.7	3.2	7.2	11.3	13.6	18.5	24.3	24.3	18.5	13.6	11.3	7.2	3.2	1.7	1.1
20		2.3	4.5	9.2	12.5	17.8	36.2	72.3	72.3	36.2	17.8	12.5	9.2	4.5	2.3	
10	1.2	2.6	5.4	10.2	13.0	22.9	71.5	2114.3	2114.3	71.5	22.9	13.0	10.2	5.4	2.6	1.2
0		2.6	5.4	10.2	13.0	22.9	71.5	2114.3	2114.3	71.5	22.9	13.0	10.2	5.4	2.6	
-10	1.1	2.3	4.5	9.2	12.5	17.8	36.2	72.3	72.3	36.2	17.8	12.5	9.2	4.5	2.3	1.1
-20		1.7	3.2	7.2	11.3	13.6	18.5	24.3	24.3	18.5	13.6	11.3	7.2	3.2	1.7	
-30	0.5	1.2	2.3	5.1	9.3	12.5	14.1	14.9	14.9	14.1	12.5	9.3	5.1	2.3	1.2	0.5
-40		0.7	1.6	3.4	5.9	8.9	11.4	13.7	13.7	11.4	8.9	5.9	3.4	1.6	0.7	
-50	0.2	0.4	1.0	2.2	3.4	4.7	6.3	8.5	8.5	6.3	4.7	3.4	2.2	1.0	0.4	0.2
-60		0.2	0.6	1.2	1.8	2.3	3.7	6.5	6.5	3.7	2.3	1.8	1.2	0.6	0.2	
-70	0.0	0.3	1.1	2.5	4.3	2.5	1.1	0.3	0.0							
-80		0.0	0.3	1.1	2.5	4.3	2.5	1.1	0.3	0.0						
-90	0.0	0.3	1.1	2.5	4.3	2.5	1.1	0.3	0.0							

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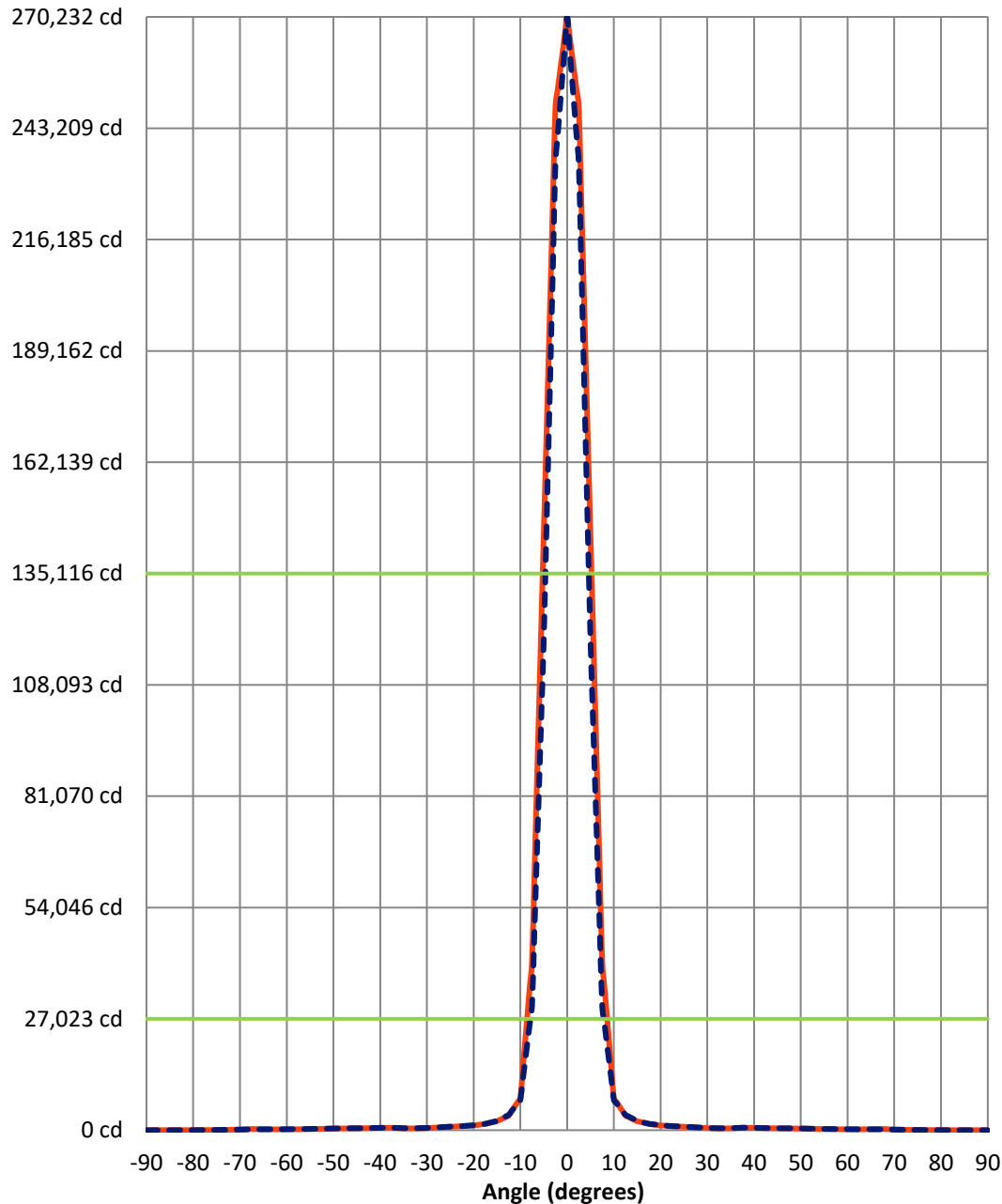
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 9.3°  
 V Angle: 10.4°  
 Lumens: 4510.5  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 7773.8  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 2749.6  
 Efficiency: 26.1%

— 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	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.1	3.1
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.1	3.1	3.1	3.1	3.1
77.5°	0.0	0.7	1.3	2.0	2.7	3.1	3.1	3.1	3.1	3.1	3.4
75°	0.0	0.8	1.6	2.4	3.1	3.1	3.1	3.1	3.2	4.1	4.7
72.5°	0.0	0.9	1.9	2.8	3.1	3.1	3.1	3.4	4.5	5.4	6.0
70°	0.0	1.1	2.1	3.1	3.1	3.1	3.2	4.7	5.8	6.8	8.4
67.5°	0.0	1.2	2.4	3.1	3.1	3.1	4.4	5.9	7.2	9.3	11.0
65°	0.0	1.3	2.6	3.1	3.1	3.6	5.6	7.2	9.5	11.8	14.1
62.5°	0.0	1.4	2.9	3.1	3.1	4.6	6.7	9.1	11.8	14.6	18.1
60°	0.0	1.5	3.1	3.1	3.1	5.6	7.9	11.2	14.2	18.4	22.1
57.5°	0.0	1.7	3.1	3.1	3.9	6.6	9.8	13.3	17.5	22.3	26.8
55°	0.0	1.8	3.1	3.1	4.7	7.6	12.0	15.6	21.1	26.4	31.8
52.5°	0.0	1.9	3.2	3.1	5.5	8.8	14.1	19.0	24.7	31.1	36.9
50°	0.0	2.0	3.2	3.1	6.3	10.7	16.4	22.7	28.5	35.9	43.0
47.5°	0.0	2.1	3.2	3.2	7.1	12.6	18.8	26.6	32.9	40.8	49.5
45°	0.0	2.2	3.3	3.8	7.8	14.6	22.2	30.5	38.2	46.9	56.2
42.5°	0.0	2.3	3.3	4.4	8.6	16.6	25.7	35.0	43.7	53.2	64.2
40°	0.0	2.4	3.4	4.9	9.7	18.5	29.3	39.9	49.7	59.7	72.6
37.5°	0.0	2.5	3.4	5.4	11.2	20.5	32.8	45.0	56.6	67.9	81.2
35°	0.0	2.5	3.5	5.9	12.7	23.0	36.4	50.1	63.5	77.4	89.6
32.5°	0.0	2.6	3.6	6.3	14.2	25.8	40.2	55.3	70.6	87.3	100.2
30°	0.0	2.7	3.6	6.7	15.6	28.6	44.4	60.7	77.7	97.6	112.1
27.5°	0.0	2.7	3.7	7.0	16.5	31.3	48.5	66.5	85.3	108.1	125.3
25°	0.0	2.8	3.8	7.2	17.2	33.9	52.6	72.3	93.9	119.0	139.4
22.5°	0.0	2.9	3.9	7.5	17.7	36.0	56.6	77.9	102.5	130.5	151.4
20°	0.0	2.9	4.0	7.6	18.1	36.8	60.5	83.4	111.1	142.5	163.2
17.5°	0.0	3.0	4.1	7.8	18.4	37.2	62.5	88.7	119.5	154.9	174.8
15°	0.0	3.0	4.1	7.8	18.5	37.4	63.3	92.6	127.8	167.3	186.1
12.5°	0.0	3.0	4.2	7.9	18.5	37.4	63.7	94.6	133.1	179.8	197.2
10°	0.0	3.1	4.3	7.9	18.4	37.1	63.9	96.3	135.8	184.6	205.1
7.5°	0.0	3.1	4.4	7.9	18.2	36.6	63.8	97.8	137.8	187.5	206.5
5°	0.0	3.1	4.5	7.9	17.8	35.8	63.3	98.9	139.2	189.4	207.7
2.5°	0.0	3.1	4.5	7.8	17.4	34.9	62.6	99.6	139.9	190.5	208.5
0°	0.0	3.1	4.6	7.7	16.9	33.8	61.5	99.9	139.9	190.6	209.1
-2.5°	0.0	3.1	4.5	7.8	17.4	34.9	62.6	99.6	139.9	190.5	208.5
-5°	0.0	3.1	4.5	7.9	17.8	35.8	63.3	98.9	139.2	189.4	207.7
-7.5°	0.0	3.1	4.4	7.9	18.2	36.6	63.8	97.8	137.8	187.5	206.5
-10°	0.0	3.1	4.3	7.9	18.4	37.1	63.9	96.3	135.8	184.6	205.1
-12.5°	0.0	3.0	4.2	7.9	18.5	37.4	63.7	94.6	133.1	179.8	197.2
-15°	0.0	3.0	4.1	7.8	18.5	37.4	63.3	92.6	127.8	167.3	186.1
-17.5°	0.0	3.0	4.1	7.8	18.4	37.2	62.5	88.7	119.5	154.9	174.8
-20°	0.0	2.9	4.0	7.6	18.1	36.8	60.5	83.4	111.1	142.5	163.2



REPORT NUMBER: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.9	3.9	7.5	17.7	36.0	56.6	77.9	102.5	130.5	151.4
-25°	0.0	2.8	3.8	7.2	17.2	33.9	52.6	72.3	93.9	119.0	139.4
-27.5°	0.0	2.7	3.7	7.0	16.5	31.3	48.5	66.5	85.3	108.1	125.3
-30°	0.0	2.7	3.6	6.7	15.6	28.6	44.4	60.7	77.7	97.6	112.1
-32.5°	0.0	2.6	3.6	6.3	14.2	25.8	40.2	55.3	70.6	87.3	100.2
-35°	0.0	2.5	3.5	5.9	12.7	23.0	36.4	50.1	63.5	77.4	89.6
-37.5°	0.0	2.5	3.4	5.4	11.2	20.5	32.8	45.0	56.6	67.9	81.2
-40°	0.0	2.4	3.4	4.9	9.7	18.5	29.3	39.9	49.7	59.7	72.6
-42.5°	0.0	2.3	3.3	4.4	8.6	16.6	25.7	35.0	43.7	53.2	64.2
-45°	0.0	2.2	3.3	3.8	7.8	14.6	22.2	30.5	38.2	46.9	56.2
-47.5°	0.0	2.1	3.2	3.2	7.1	12.6	18.8	26.6	32.9	40.8	49.5
-50°	0.0	2.0	3.2	3.1	6.3	10.7	16.4	22.7	28.5	35.9	43.0
-52.5°	0.0	1.9	3.2	3.1	5.5	8.8	14.1	19.0	24.7	31.1	36.9
-55°	0.0	1.8	3.1	3.1	4.7	7.6	12.0	15.6	21.1	26.4	31.8
-57.5°	0.0	1.7	3.1	3.1	3.9	6.6	9.8	13.3	17.5	22.3	26.8
-60°	0.0	1.5	3.1	3.1	3.1	5.6	7.9	11.2	14.2	18.4	22.1
-62.5°	0.0	1.4	2.9	3.1	3.1	4.6	6.7	9.1	11.8	14.6	18.1
-65°	0.0	1.3	2.6	3.1	3.1	3.6	5.6	7.2	9.5	11.8	14.1
-67.5°	0.0	1.2	2.4	3.1	3.1	3.1	4.4	5.9	7.2	9.3	11.0
-70°	0.0	1.1	2.1	3.1	3.1	3.1	3.2	4.7	5.8	6.8	8.4
-72.5°	0.0	0.9	1.9	2.8	3.1	3.1	3.1	3.4	4.5	5.4	6.0
-75°	0.0	0.8	1.6	2.4	3.1	3.1	3.1	3.1	3.2	4.1	4.7
-77.5°	0.0	0.7	1.3	2.0	2.7	3.1	3.1	3.1	3.1	3.1	3.4
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.1	3.1	3.1	3.1	3.1
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.1	3.1
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	1.2	1.2	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	2.5	2.3	2.0	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.4
82.5°	2.9	2.7	2.6	2.7	2.8	3.0	3.2	3.5	3.7	4.0	4.2
80°	3.0	3.1	3.5	4.0	4.4	4.8	5.2	5.6	5.9	6.5	7.3
77.5°	4.0	4.6	5.1	5.7	6.3	7.5	8.5	9.4	10.5	11.7	13.0
75°	5.3	6.0	7.5	9.2	10.8	12.0	13.1	14.8	16.8	19.1	21.3
72.5°	7.3	9.2	11.2	13.4	16.0	18.2	20.3	22.3	25.6	29.2	31.9
70°	10.1	12.4	15.6	19.1	22.4	25.3	29.5	34.5	39.5	42.1	43.6
67.5°	13.1	16.8	20.6	24.8	29.4	34.2	40.0	45.4	50.6	52.7	54.6
65°	17.0	21.2	25.9	31.1	36.4	42.1	48.1	54.1	59.5	62.2	65.4
62.5°	20.9	25.9	31.4	37.2	43.1	49.3	56.5	62.6	67.2	72.7	79.2
60°	25.7	30.7	37.0	43.4	50.1	58.8	66.0	72.7	79.0	85.4	95.1
57.5°	30.8	35.6	42.6	50.1	59.3	69.2	77.5	84.8	93.4	102.4	112.2
55°	36.3	40.6	48.5	57.8	68.4	80.2	89.8	99.8	109.8	117.8	126.5
52.5°	42.6	46.6	54.8	65.5	77.9	91.1	103.9	114.3	123.5	132.3	142.3
50°	49.2	54.2	60.9	73.8	87.5	102.5	117.0	127.5	138.0	148.4	159.5
47.5°	56.9	62.4	68.1	82.0	97.6	112.9	127.9	141.3	153.0	166.8	179.6
45°	65.2	71.8	77.8	90.7	106.8	122.4	139.1	155.2	171.5	187.8	208.3
42.5°	74.1	81.3	88.9	98.9	114.9	132.2	150.1	171.6	192.2	215.0	241.6
40°	82.7	90.6	99.8	108.8	123.0	142.3	164.1	188.2	217.3	246.8	279.0
37.5°	91.1	100.2	110.1	119.4	132.0	153.6	177.7	208.4	243.6	280.8	321.8
35°	99.3	109.4	119.5	130.5	144.6	165.6	195.3	230.2	272.3	319.4	356.8
32.5°	107.4	118.2	128.4	141.8	159.1	180.7	212.3	256.2	304.8	352.5	377.5
30°	117.5	126.2	137.3	152.4	173.3	200.7	235.1	282.4	337.7	370.2	393.5
27.5°	130.9	134.0	146.7	164.3	187.9	220.5	263.2	312.4	358.1	386.7	407.6
25°	144.2	147.4	155.4	176.3	205.4	243.8	291.8	347.9	375.0	399.2	423.3
22.5°	156.8	160.3	170.3	187.6	222.3	267.6	323.4	372.5	398.3	413.7	439.9
20°	168.8	174.1	186.4	206.4	239.7	290.1	354.0	395.3	419.9	438.3	462.4
17.5°	180.2	187.6	202.7	226.9	264.1	315.4	381.8	418.0	442.0	459.8	489.7
15°	191.4	200.7	218.4	246.2	286.9	342.5	400.4	436.6	462.4	479.9	514.9
12.5°	202.1	213.5	233.3	264.1	307.4	366.1	416.2	448.6	474.3	501.2	537.3
10°	212.6	225.9	247.6	280.6	325.8	386.5	429.4	458.2	484.0	518.1	555.8
7.5°	214.2	232.2	259.3	295.9	342.1	403.8	440.2	465.8	493.7	533.7	572.6
5°	214.2	231.7	260.2	299.9	349.8	413.9	447.8	471.5	503.1	547.5	587.5
2.5°	214.0	230.6	260.4	301.2	351.8	414.9	448.9	473.0	508.5	561.1	601.2
0°	213.7	229.1	259.8	301.3	352.0	413.5	448.9	473.5	511.9	573.4	613.4
-2.5°	214.0	230.6	260.4	301.2	351.8	414.9	448.9	473.0	508.5	561.1	601.2
-5°	214.2	231.7	260.2	299.9	349.8	413.9	447.8	471.5	503.1	547.5	587.5
-7.5°	214.2	232.2	259.3	295.9	342.1	403.8	440.2	465.8	493.7	533.7	572.6
-10°	212.6	225.9	247.6	280.6	325.8	386.5	429.4	458.2	484.0	518.1	555.8
-12.5°	202.1	213.5	233.3	264.1	307.4	366.1	416.2	448.6	474.3	501.2	537.3
-15°	191.4	200.7	218.4	246.2	286.9	342.5	400.4	436.6	462.4	479.9	514.9
-17.5°	180.2	187.6	202.7	226.9	264.1	315.4	381.8	418.0	442.0	459.8	489.7
-20°	168.8	174.1	186.4	206.4	239.7	290.1	354.0	395.3	419.9	438.3	462.4



REPORT NUMBER: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	156.8	160.3	170.3	187.6	222.3	267.6	323.4	372.5	398.3	413.7	439.9
-25°	144.2	147.4	155.4	176.3	205.4	243.8	291.8	347.9	375.0	399.2	423.3
-27.5°	130.9	134.0	146.7	164.3	187.9	220.5	263.2	312.4	358.1	386.7	407.6
-30°	117.5	126.2	137.3	152.4	173.3	200.7	235.1	282.4	337.7	370.2	393.5
-32.5°	107.4	118.2	128.4	141.8	159.1	180.7	212.3	256.2	304.8	352.5	377.5
-35°	99.3	109.4	119.5	130.5	144.6	165.6	195.3	230.2	272.3	319.4	356.8
-37.5°	91.1	100.2	110.1	119.4	132.0	153.6	177.7	208.4	243.6	280.8	321.8
-40°	82.7	90.6	99.8	108.8	123.0	142.3	164.1	188.2	217.3	246.8	279.0
-42.5°	74.1	81.3	88.9	98.9	114.9	132.2	150.1	171.6	192.2	215.0	241.6
-45°	65.2	71.8	77.8	90.7	106.8	122.4	139.1	155.2	171.5	187.8	208.3
-47.5°	56.9	62.4	68.1	82.0	97.6	112.9	127.9	141.3	153.0	166.8	179.6
-50°	49.2	54.2	60.9	73.8	87.5	102.5	117.0	127.5	138.0	148.4	159.5
-52.5°	42.6	46.6	54.8	65.5	77.9	91.1	103.9	114.3	123.5	132.3	142.3
-55°	36.3	40.6	48.5	57.8	68.4	80.2	89.8	99.8	109.8	117.8	126.5
-57.5°	30.8	35.6	42.6	50.1	59.3	69.2	77.5	84.8	93.4	102.4	112.2
-60°	25.7	30.7	37.0	43.4	50.1	58.8	66.0	72.7	79.0	85.4	95.1
-62.5°	20.9	25.9	31.4	37.2	43.1	49.3	56.5	62.6	67.2	72.7	79.2
-65°	17.0	21.2	25.9	31.1	36.4	42.1	48.1	54.1	59.5	62.2	65.4
-67.5°	13.1	16.8	20.6	24.8	29.4	34.2	40.0	45.4	50.6	52.7	54.6
-70°	10.1	12.4	15.6	19.1	22.4	25.3	29.5	34.5	39.5	42.1	43.6
-72.5°	7.3	9.2	11.2	13.4	16.0	18.2	20.3	22.3	25.6	29.2	31.9
-75°	5.3	6.0	7.5	9.2	10.8	12.0	13.1	14.8	16.8	19.1	21.3
-77.5°	4.0	4.6	5.1	5.7	6.3	7.5	8.5	9.4	10.5	11.7	13.0
-80°	3.0	3.1	3.5	4.0	4.4	4.8	5.2	5.6	5.9	6.5	7.3
-82.5°	2.9	2.7	2.6	2.7	2.8	3.0	3.2	3.5	3.7	4.0	4.2
-85°	2.5	2.3	2.0	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.4
-87.5°	1.2	1.2	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-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: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-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°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
82.5°	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0
80°	8.2	8.8	9.3	9.7	10.0	11.1	12.4	13.9	15.3	15.9	16.2
77.5°	14.6	15.7	16.4	16.9	17.3	19.6	22.7	26.0	29.3	31.0	32.5
75°	23.3	24.6	25.4	26.0	26.4	30.1	35.5	41.3	47.2	50.3	52.5
72.5°	33.8	34.8	35.6	36.4	36.8	42.3	52.1	62.8	74.2	81.2	86.2
70°	45.0	46.2	47.2	48.0	48.6	55.1	69.4	84.4	99.8	115.3	131.7
67.5°	56.8	59.4	60.7	61.5	62.3	67.9	83.1	97.1	110.1	138.0	182.0
65°	69.8	75.7	78.2	79.6	80.2	82.7	95.7	107.4	118.0	139.8	173.3
62.5°	86.4	94.2	97.8	99.4	100.3	100.5	111.1	120.9	130.0	143.6	164.9
60°	104.2	112.6	117.0	118.2	119.0	119.4	127.8	137.6	146.6	157.7	177.6
57.5°	120.5	128.3	134.9	137.5	139.5	141.0	148.5	159.9	170.6	181.7	203.1
55°	136.0	145.6	154.7	159.7	164.4	168.6	176.0	190.4	204.1	217.1	239.3
52.5°	153.0	165.3	177.4	186.5	195.5	203.3	211.2	229.9	248.2	265.5	287.1
50°	173.3	188.4	206.2	221.1	233.8	246.5	257.8	279.9	304.7	328.4	351.1
47.5°	199.0	219.0	241.6	262.8	280.2	299.8	317.5	340.3	362.2	384.2	403.0
45°	230.5	258.2	284.3	312.5	337.3	350.2	360.5	374.6	397.2	418.8	436.3
42.5°	270.9	303.1	335.2	356.1	372.1	382.5	390.0	397.5	421.2	442.0	459.0
40°	315.8	348.1	367.9	385.1	396.1	405.4	417.2	428.7	447.3	468.6	487.5
37.5°	354.6	375.4	392.8	406.3	419.6	432.1	449.0	465.6	483.2	507.2	524.7
35°	378.6	396.8	414.5	431.4	448.5	467.6	488.7	513.2	534.8	515.1	486.6
32.5°	396.8	415.6	436.9	463.0	486.6	512.7	539.1	496.6	453.1	436.1	439.6
30°	412.8	434.5	463.9	498.0	530.8	519.0	461.0	440.7	446.7	458.6	481.6
27.5°	429.8	456.9	492.7	534.7	508.9	444.7	448.0	459.8	499.6	533.4	584.6
25°	450.0	482.6	527.1	507.7	448.8	454.9	484.7	529.6	605.4	676.2	738.0
22.5°	474.2	515.9	521.8	448.9	456.9	495.8	556.3	653.6	745.7	831.2	895.0
20°	498.9	547.0	473.1	457.7	491.8	561.4	673.7	785.4	888.3	964.7	1028.6
17.5°	528.5	511.5	459.2	475.6	544.8	664.9	791.3	909.8	1006.8	1138.9	1251.4
15°	554.4	477.3	467.6	521.7	625.8	761.0	898.3	1004.7	1179.9	1369.3	1560.9
12.5°	539.6	465.2	482.6	562.8	699.7	845.8	967.2	1135.6	1367.4	1644.1	2059.8
10°	517.6	472.0	514.7	619.6	762.9	905.2	1031.3	1252.1	1558.1	2066.2	2720.8
7.5°	500.5	474.9	535.9	663.3	809.8	941.0	1109.2	1376.9	1803.4	2500.5	3894.3
5°	487.6	474.8	545.6	688.5	837.7	965.8	1157.3	1467.7	2043.8	3037.0	5418.8
2.5°	481.9	472.3	548.3	702.1	851.3	979.7	1187.1	1532.9	2195.5	3535.5	7125.4
0°	485.8	467.3	547.3	707.2	859.3	977.7	1191.4	1552.7	2241.4	3719.5	7354.4
-2.5°	481.9	472.3	548.3	702.1	851.3	979.7	1187.1	1532.9	2195.5	3535.5	7125.4
-5°	487.6	474.8	545.6	688.5	837.7	965.8	1157.3	1467.7	2043.8	3037.0	5418.8
-7.5°	500.5	474.9	535.9	663.3	809.8	941.0	1109.2	1376.9	1803.4	2500.5	3894.3
-10°	517.6	472.0	514.7	619.6	762.9	905.2	1031.3	1252.1	1558.1	2066.2	2720.8
-12.5°	539.6	465.2	482.6	562.8	699.7	845.8	967.2	1135.6	1367.4	1644.1	2059.8
-15°	554.4	477.3	467.6	521.7	625.8	761.0	898.3	1004.7	1179.9	1369.3	1560.9
-17.5°	528.5	511.5	459.2	475.6	544.8	664.9	791.3	909.8	1006.8	1138.9	1251.4
-20°	498.9	547.0	473.1	457.7	491.8	561.4	673.7	785.4	888.3	964.7	1028.6



REPORT NUMBER: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	474.2	515.9	521.8	448.9	456.9	495.8	556.3	653.6	745.7	831.2	895.0
-25°	450.0	482.6	527.1	507.7	448.8	454.9	484.7	529.6	605.4	676.2	738.0
-27.5°	429.8	456.9	492.7	534.7	508.9	444.7	448.0	459.8	499.6	533.4	584.6
-30°	412.8	434.5	463.9	498.0	530.8	519.0	461.0	440.7	446.7	458.6	481.6
-32.5°	396.8	415.6	436.9	463.0	486.6	512.7	539.1	496.6	453.1	436.1	439.6
-35°	378.6	396.8	414.5	431.4	448.5	467.6	488.7	513.2	534.8	515.1	486.6
-37.5°	354.6	375.4	392.8	406.3	419.6	432.1	449.0	465.6	483.2	507.2	524.7
-40°	315.8	348.1	367.9	385.1	396.1	405.4	417.2	428.7	447.3	468.6	487.5
-42.5°	270.9	303.1	335.2	356.1	372.1	382.5	390.0	397.5	421.2	442.0	459.0
-45°	230.5	258.2	284.3	312.5	337.3	350.2	360.5	374.6	397.2	418.8	436.3
-47.5°	199.0	219.0	241.6	262.8	280.2	299.8	317.5	340.3	362.2	384.2	403.0
-50°	173.3	188.4	206.2	221.1	233.8	246.5	257.8	279.9	304.7	328.4	351.1
-52.5°	153.0	165.3	177.4	186.5	195.5	203.3	211.2	229.9	248.2	265.5	287.1
-55°	136.0	145.6	154.7	159.7	164.4	168.6	176.0	190.4	204.1	217.1	239.3
-57.5°	120.5	128.3	134.9	137.5	139.5	141.0	148.5	159.9	170.6	181.7	203.1
-60°	104.2	112.6	117.0	118.2	119.0	119.4	127.8	137.6	146.6	157.7	177.6
-62.5°	86.4	94.2	97.8	99.4	100.3	100.5	111.1	120.9	130.0	143.6	164.9
-65°	69.8	75.7	78.2	79.6	80.2	82.7	95.7	107.4	118.0	139.8	173.3
-67.5°	56.8	59.4	60.7	61.5	62.3	67.9	83.1	97.1	110.1	138.0	182.0
-70°	45.0	46.2	47.2	48.0	48.6	55.1	69.4	84.4	99.8	115.3	131.7
-72.5°	33.8	34.8	35.6	36.4	36.8	42.3	52.1	62.8	74.2	81.2	86.2
-75°	23.3	24.6	25.4	26.0	26.4	30.1	35.5	41.3	47.2	50.3	52.5
-77.5°	14.6	15.7	16.4	16.9	17.3	19.6	22.7	26.0	29.3	31.0	32.5
-80°	8.2	8.8	9.3	9.7	10.0	11.1	12.4	13.9	15.3	15.9	16.2
-82.5°	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.7	5.8	5.9	6.0
-85°	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.0	3.1
-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: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
80°	16.5	16.7	16.1	15.4	16.1	16.7	16.5	16.2	15.9	15.3	13.9
77.5°	33.8	35.0	33.8	32.3	33.8	35.0	33.8	32.5	31.0	29.3	26.0
75°	54.5	56.3	55.3	53.8	55.3	56.3	54.5	52.5	50.3	47.2	41.3
72.5°	91.0	95.4	94.3	92.2	94.3	95.4	91.0	86.2	81.2	74.2	62.8
70°	148.9	166.4	165.7	161.4	165.7	166.4	148.9	131.7	115.3	99.8	84.4
67.5°	229.7	279.2	295.0	302.8	295.0	279.2	229.7	182.0	138.0	110.1	97.1
65°	204.6	234.5	246.4	255.2	246.4	234.5	204.6	173.3	139.8	118.0	107.4
62.5°	184.0	201.8	205.6	206.0	205.6	201.8	184.0	164.9	143.6	130.0	120.9
60°	197.0	215.8	218.6	215.2	218.6	215.8	197.0	177.6	157.7	146.6	137.6
57.5°	223.7	243.4	247.1	242.9	247.1	243.4	223.7	203.1	181.7	170.6	159.9
55°	260.6	280.6	287.2	285.9	287.2	280.6	260.6	239.3	217.1	204.1	190.4
52.5°	307.7	326.2	333.8	333.6	333.8	326.2	307.7	287.1	265.5	248.2	229.9
50°	370.8	387.3	395.5	396.6	395.5	387.3	370.8	351.1	328.4	304.7	279.9
47.5°	416.3	427.1	432.8	433.5	432.8	427.1	416.3	403.0	384.2	362.2	340.3
45°	444.2	450.0	454.4	458.1	454.4	450.0	444.2	436.3	418.8	397.2	374.6
42.5°	470.4	482.5	491.4	493.5	491.4	482.5	470.4	459.0	442.0	421.2	397.5
40°	505.5	522.2	538.2	555.0	538.2	522.2	505.5	487.5	468.6	447.3	428.7
37.5°	543.0	561.6	577.0	585.7	577.0	561.6	543.0	524.7	507.2	483.2	465.6
35°	466.6	454.4	447.1	444.3	447.1	454.4	466.6	486.6	515.1	534.8	513.2
32.5°	441.6	442.5	441.0	438.1	441.0	442.5	441.6	439.6	436.1	453.1	496.6
30°	498.7	506.8	507.8	507.3	507.8	506.8	498.7	481.6	458.6	446.7	440.7
27.5°	622.5	643.3	649.8	662.6	649.8	643.3	622.5	584.6	533.4	499.6	459.8
25°	785.9	817.3	832.3	837.8	832.3	817.3	785.9	738.0	676.2	605.4	529.6
22.5°	931.1	955.0	969.0	980.8	969.0	955.0	931.1	895.0	831.2	745.7	653.6
20°	1103.1	1146.8	1166.9	1168.3	1166.9	1146.8	1103.1	1028.6	964.7	888.3	785.4
17.5°	1371.7	1456.7	1499.2	1511.2	1499.2	1456.7	1371.7	1251.4	1138.9	1006.8	909.8
15°	1795.5	2012.4	2124.0	2176.8	2124.0	2012.4	1795.5	1560.9	1369.3	1179.9	1004.7
12.5°	2486.7	2975.9	3371.5	3520.4	3371.5	2975.9	2486.7	2059.8	1644.1	1367.4	1135.6
10°	3856.3	5317.3	7024.0	7820.2	7024.0	5317.3	3856.3	2720.8	2066.2	1558.1	1252.1
7.5°	7460.4	17321.6	33572.1	41324.0	33572.1	17321.6	7460.4	3894.3	2500.5	1803.4	1376.9
5°	15901.9	68627.9	122903.9	144361.2	122903.9	68627.9	15901.9	5418.8	3037.0	2043.8	1467.7
2.5°	25328.4	112558.6	212380.1	248334.5	212380.1	112558.6	25328.4	7125.4	3535.5	2195.5	1532.9
0°	30262.4	118616.1	234356.7	270231.7	234356.7	118616.1	30262.4	7354.4	3719.5	2241.4	1552.7
-2.5°	25328.4	112558.6	212380.1	248334.5	212380.1	112558.6	25328.4	7125.4	3535.5	2195.5	1532.9
-5°	15901.9	68627.9	122903.9	144361.2	122903.9	68627.9	15901.9	5418.8	3037.0	2043.8	1467.7
-7.5°	7460.4	17321.6	33572.1	41324.0	33572.1	17321.6	7460.4	3894.3	2500.5	1803.4	1376.9
-10°	3856.3	5317.3	7024.0	7820.2	7024.0	5317.3	3856.3	2720.8	2066.2	1558.1	1252.1
-12.5°	2486.7	2975.9	3371.5	3520.4	3371.5	2975.9	2486.7	2059.8	1644.1	1367.4	1135.6
-15°	1795.5	2012.4	2124.0	2176.8	2124.0	2012.4	1795.5	1560.9	1369.3	1179.9	1004.7
-17.5°	1371.7	1456.7	1499.2	1511.2	1499.2	1456.7	1371.7	1251.4	1138.9	1006.8	909.8
-20°	1103.1	1146.8	1166.9	1168.3	1166.9	1146.8	1103.1	1028.6	964.7	888.3	785.4



REPORT NUMBER: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	931.1	955.0	969.0	980.8	969.0	955.0	931.1	895.0	831.2	745.7	653.6
-25°	785.9	817.3	832.3	837.8	832.3	817.3	785.9	738.0	676.2	605.4	529.6
-27.5°	622.5	643.3	649.8	662.6	649.8	643.3	622.5	584.6	533.4	499.6	459.8
-30°	498.7	506.8	507.8	507.3	507.8	506.8	498.7	481.6	458.6	446.7	440.7
-32.5°	441.6	442.5	441.0	438.1	441.0	442.5	441.6	439.6	436.1	453.1	496.6
-35°	466.6	454.4	447.1	444.3	447.1	454.4	466.6	486.6	515.1	534.8	513.2
-37.5°	543.0	561.6	577.0	585.7	577.0	561.6	543.0	524.7	507.2	483.2	465.6
-40°	505.5	522.2	538.2	555.0	538.2	522.2	505.5	487.5	468.6	447.3	428.7
-42.5°	470.4	482.5	491.4	493.5	491.4	482.5	470.4	459.0	442.0	421.2	397.5
-45°	444.2	450.0	454.4	458.1	454.4	450.0	444.2	436.3	418.8	397.2	374.6
-47.5°	416.3	427.1	432.8	433.5	432.8	427.1	416.3	403.0	384.2	362.2	340.3
-50°	370.8	387.3	395.5	396.6	395.5	387.3	370.8	351.1	328.4	304.7	279.9
-52.5°	307.7	326.2	333.8	333.6	333.8	326.2	307.7	287.1	265.5	248.2	229.9
-55°	260.6	280.6	287.2	285.9	287.2	280.6	260.6	239.3	217.1	204.1	190.4
-57.5°	223.7	243.4	247.1	242.9	247.1	243.4	223.7	203.1	181.7	170.6	159.9
-60°	197.0	215.8	218.6	215.2	218.6	215.8	197.0	177.6	157.7	146.6	137.6
-62.5°	184.0	201.8	205.6	206.0	205.6	201.8	184.0	164.9	143.6	130.0	120.9
-65°	204.6	234.5	246.4	255.2	246.4	234.5	204.6	173.3	139.8	118.0	107.4
-67.5°	229.7	279.2	295.0	302.8	295.0	279.2	229.7	182.0	138.0	110.1	97.1
-70°	148.9	166.4	165.7	161.4	165.7	166.4	148.9	131.7	115.3	99.8	84.4
-72.5°	91.0	95.4	94.3	92.2	94.3	95.4	91.0	86.2	81.2	74.2	62.8
-75°	54.5	56.3	55.3	53.8	55.3	56.3	54.5	52.5	50.3	47.2	41.3
-77.5°	33.8	35.0	33.8	32.3	33.8	35.0	33.8	32.5	31.0	29.3	26.0
-80°	16.5	16.7	16.1	15.4	16.1	16.7	16.5	16.2	15.9	15.3	13.9
-82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
-85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-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: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
85°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
82.5°	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.7	3.5
80°	12.4	11.1	10.0	9.7	9.3	8.8	8.2	7.3	6.5	5.9	5.6
77.5°	22.7	19.6	17.3	16.9	16.4	15.7	14.6	13.0	11.7	10.5	9.4
75°	35.5	30.1	26.4	26.0	25.4	24.6	23.3	21.3	19.1	16.8	14.8
72.5°	52.1	42.3	36.8	36.4	35.6	34.8	33.8	31.9	29.2	25.6	22.3
70°	69.4	55.1	48.6	48.0	47.2	46.2	45.0	43.6	42.1	39.5	34.5
67.5°	83.1	67.9	62.3	61.5	60.7	59.4	56.8	54.6	52.7	50.6	45.4
65°	95.7	82.7	80.2	79.6	78.2	75.7	69.8	65.4	62.2	59.5	54.1
62.5°	111.1	100.5	100.3	99.4	97.8	94.2	86.4	79.2	72.7	67.2	62.6
60°	127.8	119.4	119.0	118.2	117.0	112.6	104.2	95.1	85.4	79.0	72.7
57.5°	148.5	141.0	139.5	137.5	134.9	128.3	120.5	112.2	102.4	93.4	84.8
55°	176.0	168.6	164.4	159.7	154.7	145.6	136.0	126.5	117.8	109.8	99.8
52.5°	211.2	203.3	195.5	186.5	177.4	165.3	153.0	142.3	132.3	123.5	114.3
50°	257.8	246.5	233.8	221.1	206.2	188.4	173.3	159.5	148.4	138.0	127.5
47.5°	317.5	299.8	280.2	262.8	241.6	219.0	199.0	179.6	166.8	153.0	141.3
45°	360.5	350.2	337.3	312.5	284.3	258.2	230.5	208.3	187.8	171.5	155.2
42.5°	390.0	382.5	372.1	356.1	335.2	303.1	270.9	241.6	215.0	192.2	171.6
40°	417.2	405.4	396.1	385.1	367.9	348.1	315.8	279.0	246.8	217.3	188.2
37.5°	449.0	432.1	419.6	406.3	392.8	375.4	354.6	321.8	280.8	243.6	208.4
35°	488.7	467.6	448.5	431.4	414.5	396.8	378.6	356.8	319.4	272.3	230.2
32.5°	539.1	512.7	486.6	463.0	436.9	415.6	396.8	377.5	352.5	304.8	256.2
30°	461.0	519.0	530.8	498.0	463.9	434.5	412.8	393.5	370.2	337.7	282.4
27.5°	448.0	444.7	508.9	534.7	492.7	456.9	429.8	407.6	386.7	358.1	312.4
25°	484.7	454.9	448.8	507.7	527.1	482.6	450.0	423.3	399.2	375.0	347.9
22.5°	556.3	495.8	456.9	448.9	521.8	515.9	474.2	439.9	413.7	398.3	372.5
20°	673.7	561.4	491.8	457.7	473.1	547.0	498.9	462.4	438.3	419.9	395.3
17.5°	791.3	664.9	544.8	475.6	459.2	511.5	528.5	489.7	459.8	442.0	418.0
15°	898.3	761.0	625.8	521.7	467.6	477.3	554.4	514.9	479.9	462.4	436.6
12.5°	967.2	845.8	699.7	562.8	482.6	465.2	539.6	537.3	501.2	474.3	448.6
10°	1031.3	905.2	762.9	619.6	514.7	472.0	517.6	555.8	518.1	484.0	458.2
7.5°	1109.2	941.0	809.8	663.3	535.9	474.9	500.5	572.6	533.7	493.7	465.8
5°	1157.3	965.8	837.7	688.5	545.6	474.8	487.6	587.5	547.5	503.1	471.5
2.5°	1187.1	979.7	851.3	702.1	548.3	472.3	481.9	601.2	561.1	508.5	473.0
0°	1191.4	977.7	859.3	707.2	547.3	467.3	485.8	613.4	573.4	511.9	473.5
-2.5°	1187.1	979.7	851.3	702.1	548.3	472.3	481.9	601.2	561.1	508.5	473.0
-5°	1157.3	965.8	837.7	688.5	545.6	474.8	487.6	587.5	547.5	503.1	471.5
-7.5°	1109.2	941.0	809.8	663.3	535.9	474.9	500.5	572.6	533.7	493.7	465.8
-10°	1031.3	905.2	762.9	619.6	514.7	472.0	517.6	555.8	518.1	484.0	458.2
-12.5°	967.2	845.8	699.7	562.8	482.6	465.2	539.6	537.3	501.2	474.3	448.6
-15°	898.3	761.0	625.8	521.7	467.6	477.3	554.4	514.9	479.9	462.4	436.6
-17.5°	791.3	664.9	544.8	475.6	459.2	511.5	528.5	489.7	459.8	442.0	418.0
-20°	673.7	561.4	491.8	457.7	473.1	547.0	498.9	462.4	438.3	419.9	395.3





REPORT NUMBER: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	556.3	495.8	456.9	448.9	521.8	515.9	474.2	439.9	413.7	398.3	372.5
-25°	484.7	454.9	448.8	507.7	527.1	482.6	450.0	423.3	399.2	375.0	347.9
-27.5°	448.0	444.7	508.9	534.7	492.7	456.9	429.8	407.6	386.7	358.1	312.4
-30°	461.0	519.0	530.8	498.0	463.9	434.5	412.8	393.5	370.2	337.7	282.4
-32.5°	539.1	512.7	486.6	463.0	436.9	415.6	396.8	377.5	352.5	304.8	256.2
-35°	488.7	467.6	448.5	431.4	414.5	396.8	378.6	356.8	319.4	272.3	230.2
-37.5°	449.0	432.1	419.6	406.3	392.8	375.4	354.6	321.8	280.8	243.6	208.4
-40°	417.2	405.4	396.1	385.1	367.9	348.1	315.8	279.0	246.8	217.3	188.2
-42.5°	390.0	382.5	372.1	356.1	335.2	303.1	270.9	241.6	215.0	192.2	171.6
-45°	360.5	350.2	337.3	312.5	284.3	258.2	230.5	208.3	187.8	171.5	155.2
-47.5°	317.5	299.8	280.2	262.8	241.6	219.0	199.0	179.6	166.8	153.0	141.3
-50°	257.8	246.5	233.8	221.1	206.2	188.4	173.3	159.5	148.4	138.0	127.5
-52.5°	211.2	203.3	195.5	186.5	177.4	165.3	153.0	142.3	132.3	123.5	114.3
-55°	176.0	168.6	164.4	159.7	154.7	145.6	136.0	126.5	117.8	109.8	99.8
-57.5°	148.5	141.0	139.5	137.5	134.9	128.3	120.5	112.2	102.4	93.4	84.8
-60°	127.8	119.4	119.0	118.2	117.0	112.6	104.2	95.1	85.4	79.0	72.7
-62.5°	111.1	100.5	100.3	99.4	97.8	94.2	86.4	79.2	72.7	67.2	62.6
-65°	95.7	82.7	80.2	79.6	78.2	75.7	69.8	65.4	62.2	59.5	54.1
-67.5°	83.1	67.9	62.3	61.5	60.7	59.4	56.8	54.6	52.7	50.6	45.4
-70°	69.4	55.1	48.6	48.0	47.2	46.2	45.0	43.6	42.1	39.5	34.5
-72.5°	52.1	42.3	36.8	36.4	35.6	34.8	33.8	31.9	29.2	25.6	22.3
-75°	35.5	30.1	26.4	26.0	25.4	24.6	23.3	21.3	19.1	16.8	14.8
-77.5°	22.7	19.6	17.3	16.9	16.4	15.7	14.6	13.0	11.7	10.5	9.4
-80°	12.4	11.1	10.0	9.7	9.3	8.8	8.2	7.3	6.5	5.9	5.6
-82.5°	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.7	3.5
-85°	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-TSB-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°	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.2	1.1	0.9
85°	2.1	2.0	1.8	1.7	2.0	2.3	2.5	2.6	2.4	2.1	1.9
82.5°	3.2	3.0	2.8	2.7	2.6	2.7	2.9	3.1	3.1	3.1	2.8
80°	5.2	4.8	4.4	4.0	3.5	3.1	3.0	3.1	3.1	3.1	3.1
77.5°	8.5	7.5	6.3	5.7	5.1	4.6	4.0	3.4	3.1	3.1	3.1
75°	13.1	12.0	10.8	9.2	7.5	6.0	5.3	4.7	4.1	3.2	3.1
72.5°	20.3	18.2	16.0	13.4	11.2	9.2	7.3	6.0	5.4	4.5	3.4
70°	29.5	25.3	22.4	19.1	15.6	12.4	10.1	8.4	6.8	5.8	4.7
67.5°	40.0	34.2	29.4	24.8	20.6	16.8	13.1	11.0	9.3	7.2	5.9
65°	48.1	42.1	36.4	31.1	25.9	21.2	17.0	14.1	11.8	9.5	7.2
62.5°	56.5	49.3	43.1	37.2	31.4	25.9	20.9	18.1	14.6	11.8	9.1
60°	66.0	58.8	50.1	43.4	37.0	30.7	25.7	22.1	18.4	14.2	11.2
57.5°	77.5	69.2	59.3	50.1	42.6	35.6	30.8	26.8	22.3	17.5	13.3
55°	89.8	80.2	68.4	57.8	48.5	40.6	36.3	31.8	26.4	21.1	15.6
52.5°	103.9	91.1	77.9	65.5	54.8	46.6	42.6	36.9	31.1	24.7	19.0
50°	117.0	102.5	87.5	73.8	60.9	54.2	49.2	43.0	35.9	28.5	22.7
47.5°	127.9	112.9	97.6	82.0	68.1	62.4	56.9	49.5	40.8	32.9	26.6
45°	139.1	122.4	106.8	90.7	77.8	71.8	65.2	56.2	46.9	38.2	30.5
42.5°	150.1	132.2	114.9	98.9	88.9	81.3	74.1	64.2	53.2	43.7	35.0
40°	164.1	142.3	123.0	108.8	99.8	90.6	82.7	72.6	59.7	49.7	39.9
37.5°	177.7	153.6	132.0	119.4	110.1	100.2	91.1	81.2	67.9	56.6	45.0
35°	195.3	165.6	144.6	130.5	119.5	109.4	99.3	89.6	77.4	63.5	50.1
32.5°	212.3	180.7	159.1	141.8	128.4	118.2	107.4	100.2	87.3	70.6	55.3
30°	235.1	200.7	173.3	152.4	137.3	126.2	117.5	112.1	97.6	77.7	60.7
27.5°	263.2	220.5	187.9	164.3	146.7	134.0	130.9	125.3	108.1	85.3	66.5
25°	291.8	243.8	205.4	176.3	155.4	147.4	144.2	139.4	119.0	93.9	72.3
22.5°	323.4	267.6	222.3	187.6	170.3	160.3	156.8	151.4	130.5	102.5	77.9
20°	354.0	290.1	239.7	206.4	186.4	174.1	168.8	163.2	142.5	111.1	83.4
17.5°	381.8	315.4	264.1	226.9	202.7	187.6	180.2	174.8	154.9	119.5	88.7
15°	400.4	342.5	286.9	246.2	218.4	200.7	191.4	186.1	167.3	127.8	92.6
12.5°	416.2	366.1	307.4	264.1	233.3	213.5	202.1	197.2	179.8	133.1	94.6
10°	429.4	386.5	325.8	280.6	247.6	225.9	212.6	205.1	184.6	135.8	96.3
7.5°	440.2	403.8	342.1	295.9	259.3	232.2	214.2	206.5	187.5	137.8	97.8
5°	447.8	413.9	349.8	299.9	260.2	231.7	214.2	207.7	189.4	139.2	98.9
2.5°	448.9	414.9	351.8	301.2	260.4	230.6	214.0	208.5	190.5	139.9	99.6
0°	448.9	413.5	352.0	301.3	259.8	229.1	213.7	209.1	190.6	139.9	99.9
-2.5°	448.9	414.9	351.8	301.2	260.4	230.6	214.0	208.5	190.5	139.9	99.6
-5°	447.8	413.9	349.8	299.9	260.2	231.7	214.2	207.7	189.4	139.2	98.9
-7.5°	440.2	403.8	342.1	295.9	259.3	232.2	214.2	206.5	187.5	137.8	97.8
-10°	429.4	386.5	325.8	280.6	247.6	225.9	212.6	205.1	184.6	135.8	96.3
-12.5°	416.2	366.1	307.4	264.1	233.3	213.5	202.1	197.2	179.8	133.1	94.6
-15°	400.4	342.5	286.9	246.2	218.4	200.7	191.4	186.1	167.3	127.8	92.6
-17.5°	381.8	315.4	264.1	226.9	202.7	187.6	180.2	174.8	154.9	119.5	88.7
-20°	354.0	290.1	239.7	206.4	186.4	174.1	168.8	163.2	142.5	111.1	83.4



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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°	323.4	267.6	222.3	187.6	170.3	160.3	156.8	151.4	130.5	102.5	77.9
-25°	291.8	243.8	205.4	176.3	155.4	147.4	144.2	139.4	119.0	93.9	72.3
-27.5°	263.2	220.5	187.9	164.3	146.7	134.0	130.9	125.3	108.1	85.3	66.5
-30°	235.1	200.7	173.3	152.4	137.3	126.2	117.5	112.1	97.6	77.7	60.7
-32.5°	212.3	180.7	159.1	141.8	128.4	118.2	107.4	100.2	87.3	70.6	55.3
-35°	195.3	165.6	144.6	130.5	119.5	109.4	99.3	89.6	77.4	63.5	50.1
-37.5°	177.7	153.6	132.0	119.4	110.1	100.2	91.1	81.2	67.9	56.6	45.0
-40°	164.1	142.3	123.0	108.8	99.8	90.6	82.7	72.6	59.7	49.7	39.9
-42.5°	150.1	132.2	114.9	98.9	88.9	81.3	74.1	64.2	53.2	43.7	35.0
-45°	139.1	122.4	106.8	90.7	77.8	71.8	65.2	56.2	46.9	38.2	30.5
-47.5°	127.9	112.9	97.6	82.0	68.1	62.4	56.9	49.5	40.8	32.9	26.6
-50°	117.0	102.5	87.5	73.8	60.9	54.2	49.2	43.0	35.9	28.5	22.7
-52.5°	103.9	91.1	77.9	65.5	54.8	46.6	42.6	36.9	31.1	24.7	19.0
-55°	89.8	80.2	68.4	57.8	48.5	40.6	36.3	31.8	26.4	21.1	15.6
-57.5°	77.5	69.2	59.3	50.1	42.6	35.6	30.8	26.8	22.3	17.5	13.3
-60°	66.0	58.8	50.1	43.4	37.0	30.7	25.7	22.1	18.4	14.2	11.2
-62.5°	56.5	49.3	43.1	37.2	31.4	25.9	20.9	18.1	14.6	11.8	9.1
-65°	48.1	42.1	36.4	31.1	25.9	21.2	17.0	14.1	11.8	9.5	7.2
-67.5°	40.0	34.2	29.4	24.8	20.6	16.8	13.1	11.0	9.3	7.2	5.9
-70°	29.5	25.3	22.4	19.1	15.6	12.4	10.1	8.4	6.8	5.8	4.7
-72.5°	20.3	18.2	16.0	13.4	11.2	9.2	7.3	6.0	5.4	4.5	3.4
-75°	13.1	12.0	10.8	9.2	7.5	6.0	5.3	4.7	4.1	3.2	3.1
-77.5°	8.5	7.5	6.3	5.7	5.1	4.6	4.0	3.4	3.1	3.1	3.1
-80°	5.2	4.8	4.4	4.0	3.5	3.1	3.0	3.1	3.1	3.1	3.1
-82.5°	3.2	3.0	2.8	2.7	2.6	2.7	2.9	3.1	3.1	3.1	2.8
-85°	2.1	2.0	1.8	1.7	2.0	2.3	2.5	2.6	2.4	2.1	1.9
-87.5°	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.2	1.1	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.1	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	3.1	3.1	2.7	2.0	1.3	0.7	0.0
75°	3.1	3.1	3.1	2.4	1.6	0.8	0.0
72.5°	3.1	3.1	3.1	2.8	1.9	0.9	0.0
70°	3.2	3.1	3.1	3.1	2.1	1.1	0.0
67.5°	4.4	3.1	3.1	3.1	2.4	1.2	0.0
65°	5.6	3.6	3.1	3.1	2.6	1.3	0.0
62.5°	6.7	4.6	3.1	3.1	2.9	1.4	0.0
60°	7.9	5.6	3.1	3.1	3.1	1.5	0.0
57.5°	9.8	6.6	3.9	3.1	3.1	1.7	0.0
55°	12.0	7.6	4.7	3.1	3.1	1.8	0.0
52.5°	14.1	8.8	5.5	3.1	3.2	1.9	0.0
50°	16.4	10.7	6.3	3.1	3.2	2.0	0.0
47.5°	18.8	12.6	7.1	3.2	3.2	2.1	0.0
45°	22.2	14.6	7.8	3.8	3.3	2.2	0.0
42.5°	25.7	16.6	8.6	4.4	3.3	2.3	0.0
40°	29.3	18.5	9.7	4.9	3.4	2.4	0.0
37.5°	32.8	20.5	11.2	5.4	3.4	2.5	0.0
35°	36.4	23.0	12.7	5.9	3.5	2.5	0.0
32.5°	40.2	25.8	14.2	6.3	3.6	2.6	0.0
30°	44.4	28.6	15.6	6.7	3.6	2.7	0.0
27.5°	48.5	31.3	16.5	7.0	3.7	2.7	0.0
25°	52.6	33.9	17.2	7.2	3.8	2.8	0.0
22.5°	56.6	36.0	17.7	7.5	3.9	2.9	0.0
20°	60.5	36.8	18.1	7.6	4.0	2.9	0.0
17.5°	62.5	37.2	18.4	7.8	4.1	3.0	0.0
15°	63.3	37.4	18.5	7.8	4.1	3.0	0.0
12.5°	63.7	37.4	18.5	7.9	4.2	3.0	0.0
10°	63.9	37.1	18.4	7.9	4.3	3.1	0.0
7.5°	63.8	36.6	18.2	7.9	4.4	3.1	0.0
5°	63.3	35.8	17.8	7.9	4.5	3.1	0.0
2.5°	62.6	34.9	17.4	7.8	4.5	3.1	0.0
0°	61.5	33.8	16.9	7.7	4.6	3.1	0.0
-2.5°	62.6	34.9	17.4	7.8	4.5	3.1	0.0
-5°	63.3	35.8	17.8	7.9	4.5	3.1	0.0
-7.5°	63.8	36.6	18.2	7.9	4.4	3.1	0.0
-10°	63.9	37.1	18.4	7.9	4.3	3.1	0.0
-12.5°	63.7	37.4	18.5	7.9	4.2	3.0	0.0
-15°	63.3	37.4	18.5	7.8	4.1	3.0	0.0
-17.5°	62.5	37.2	18.4	7.8	4.1	3.0	0.0
-20°	60.5	36.8	18.1	7.6	4.0	2.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.6	36.0	17.7	7.5	3.9	2.9	0.0
-25°	52.6	33.9	17.2	7.2	3.8	2.8	0.0
-27.5°	48.5	31.3	16.5	7.0	3.7	2.7	0.0
-30°	44.4	28.6	15.6	6.7	3.6	2.7	0.0
-32.5°	40.2	25.8	14.2	6.3	3.6	2.6	0.0
-35°	36.4	23.0	12.7	5.9	3.5	2.5	0.0
-37.5°	32.8	20.5	11.2	5.4	3.4	2.5	0.0
-40°	29.3	18.5	9.7	4.9	3.4	2.4	0.0
-42.5°	25.7	16.6	8.6	4.4	3.3	2.3	0.0
-45°	22.2	14.6	7.8	3.8	3.3	2.2	0.0
-47.5°	18.8	12.6	7.1	3.2	3.2	2.1	0.0
-50°	16.4	10.7	6.3	3.1	3.2	2.0	0.0
-52.5°	14.1	8.8	5.5	3.1	3.2	1.9	0.0
-55°	12.0	7.6	4.7	3.1	3.1	1.8	0.0
-57.5°	9.8	6.6	3.9	3.1	3.1	1.7	0.0
-60°	7.9	5.6	3.1	3.1	3.1	1.5	0.0
-62.5°	6.7	4.6	3.1	3.1	2.9	1.4	0.0
-65°	5.6	3.6	3.1	3.1	2.6	1.3	0.0
-67.5°	4.4	3.1	3.1	3.1	2.4	1.2	0.0
-70°	3.2	3.1	3.1	3.1	2.1	1.1	0.0
-72.5°	3.1	3.1	3.1	2.8	1.9	0.9	0.0
-75°	3.1	3.1	3.1	2.4	1.6	0.8	0.0
-77.5°	3.1	3.1	2.7	2.0	1.3	0.7	0.0
-80°	3.1	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)