

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: P558470 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558470 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-930-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

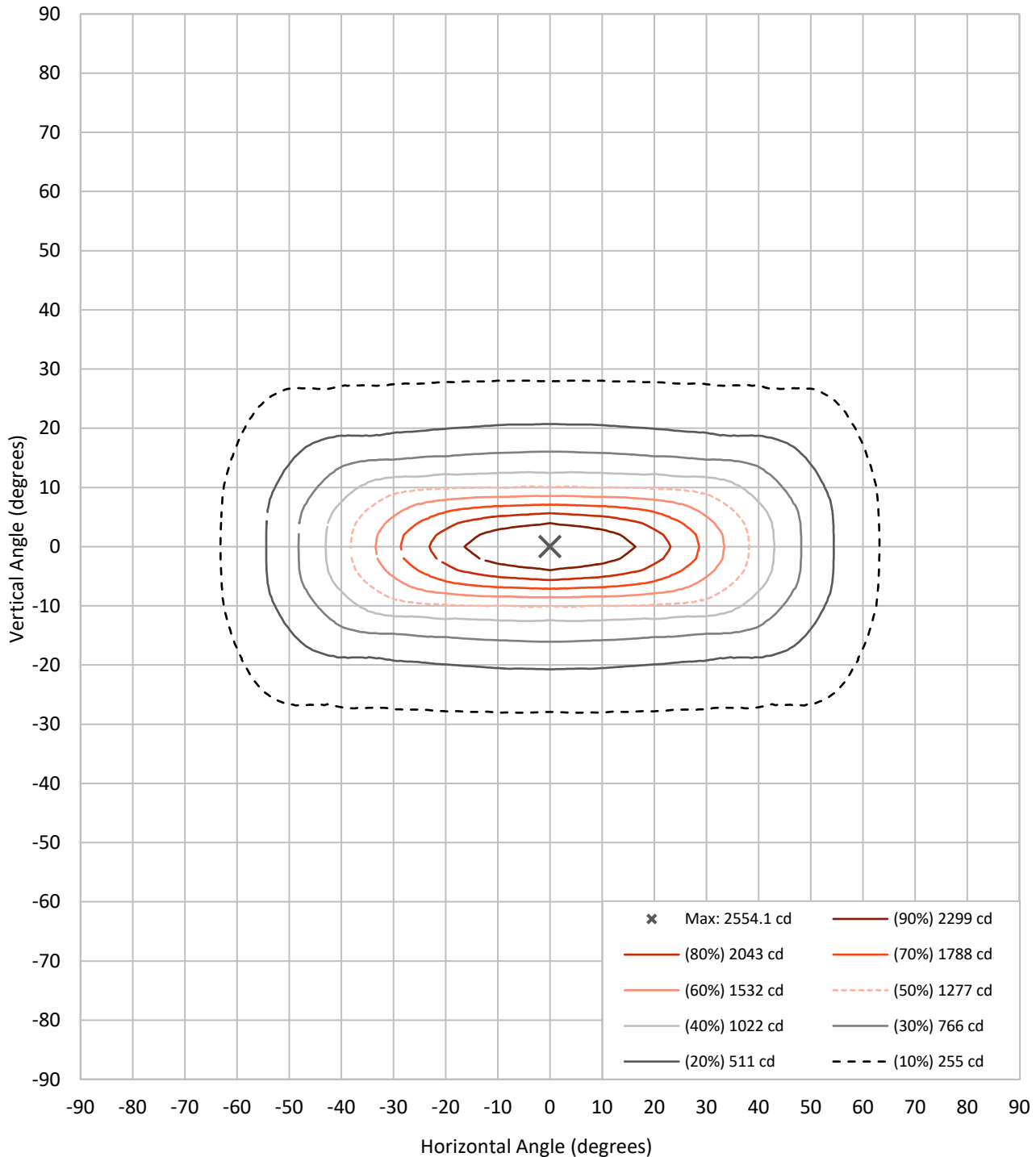
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	1829.2 lumens	Max Intensity:	2554.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	731.9 lumens	Field Lumens:	1499.2 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 18  
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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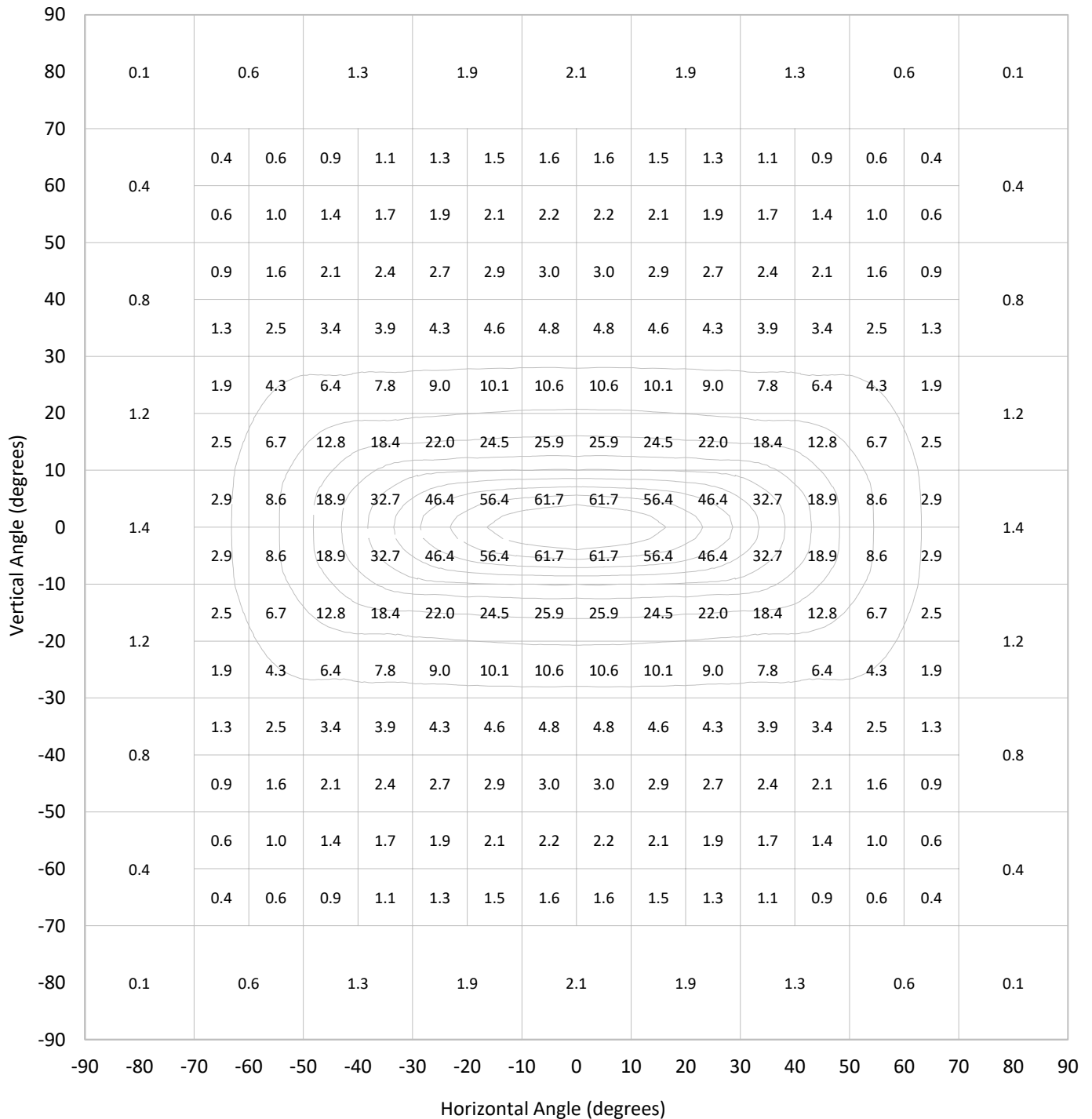
### Iso-Candela Plot





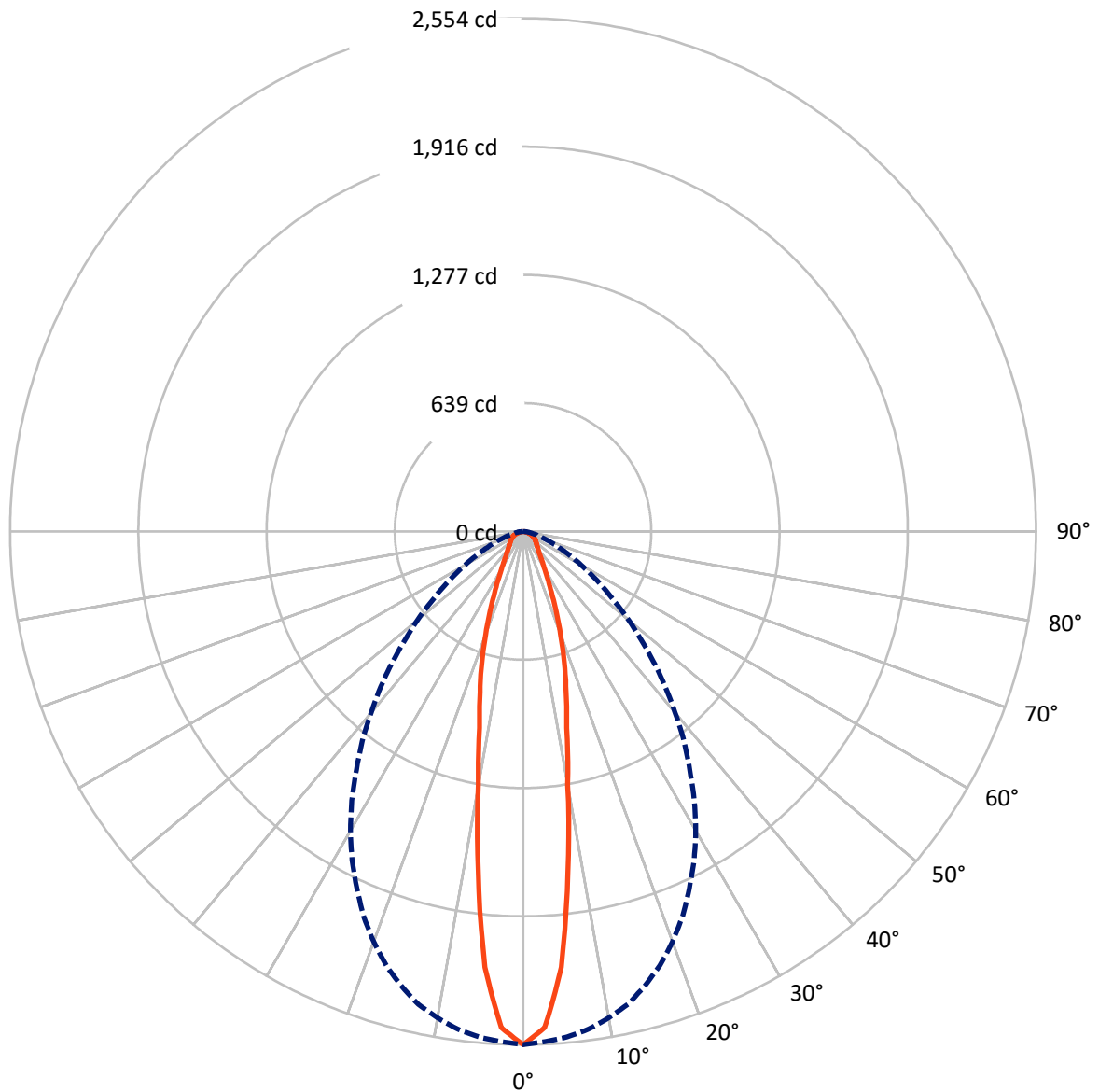
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### Lumen Table



REPORT NUMBER: P558470 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-930-U-NAT-XX

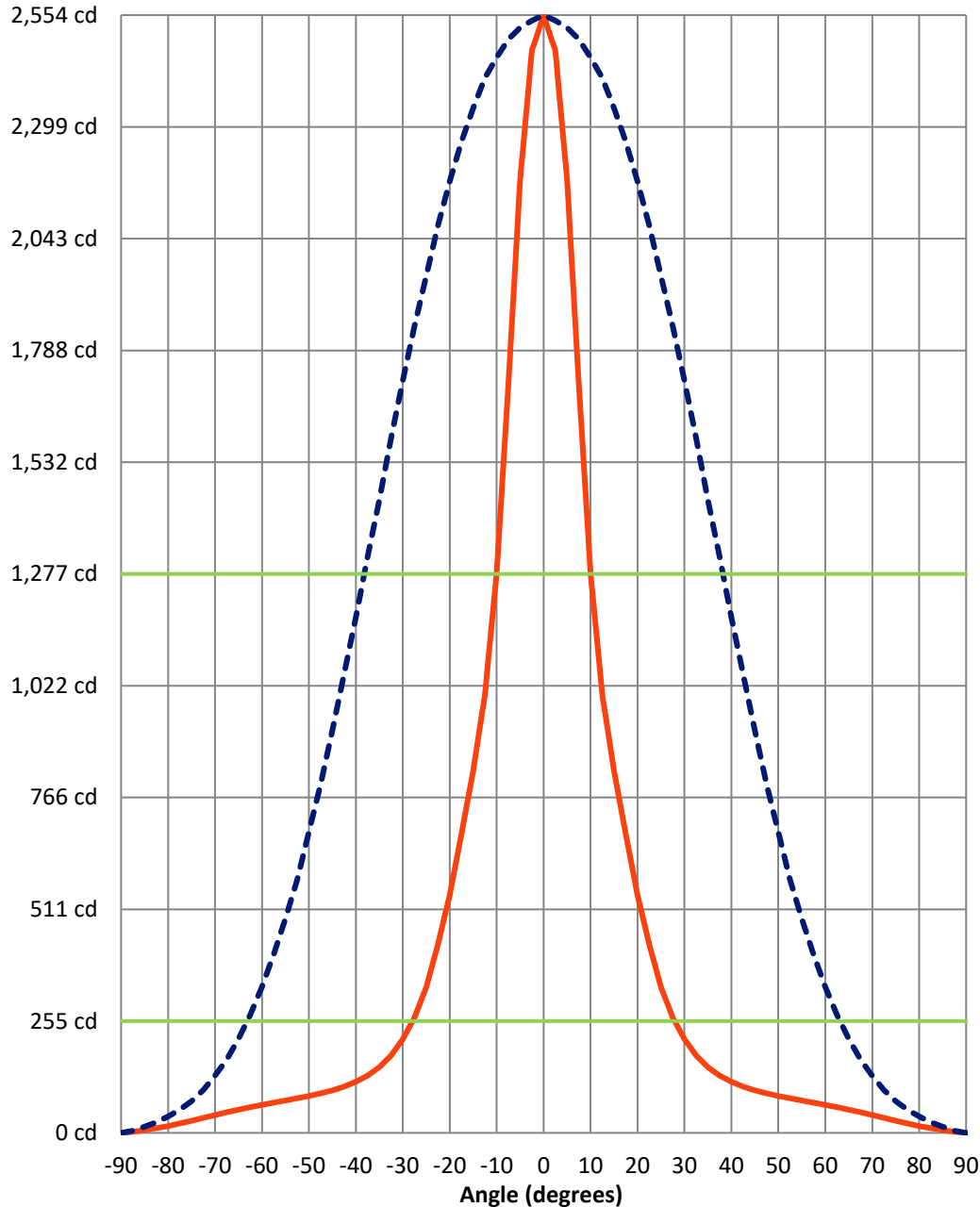
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 76.4°  
 V Angle: 20°  
 Lumens: 731.9  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 1499.2  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 330  
 Efficiency: 18.0%

- 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	0.4	0.6	0.8	0.9	1.0	1.2	1.3	1.4	1.5
85°	0.0	0.4	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.8	3.0
82.5°	0.0	0.6	1.3	1.8	2.3	2.7	3.0	3.4	3.9	4.7	5.4
80°	0.0	0.9	1.7	2.4	3.1	3.6	4.2	5.3	6.4	7.3	8.2
77.5°	0.0	1.1	2.1	3.0	3.8	4.8	6.1	7.5	8.8	10.0	11.1
75°	0.0	1.3	2.5	3.6	4.7	6.5	8.1	9.7	11.3	12.9	14.2
72.5°	0.0	1.5	2.9	4.2	6.1	8.2	10.1	12.0	14.1	15.8	17.3
70°	0.0	1.7	3.3	4.9	7.5	9.8	12.1	14.6	16.8	18.8	20.7
67.5°	0.0	1.9	3.7	6.0	8.8	11.5	14.4	17.1	19.6	22.2	24.3
65°	0.0	2.1	4.1	7.0	10.2	13.3	16.6	19.6	22.8	25.6	28.1
62.5°	0.0	2.3	4.5	8.0	11.5	15.3	18.9	22.4	26.0	29.2	32.4
60°	0.0	2.4	4.9	9.0	12.9	17.2	21.1	25.4	29.3	33.2	36.7
57.5°	0.0	2.6	5.6	10.0	14.4	19.1	23.7	28.3	32.9	37.3	41.4
55°	0.0	2.8	6.2	11.0	16.0	21.0	26.2	31.3	36.6	41.5	46.4
52.5°	0.0	3.0	6.8	12.0	17.5	22.9	28.8	34.6	40.3	46.3	51.5
50°	0.0	3.1	7.4	12.9	19.0	25.0	31.2	37.9	44.2	51.1	57.5
47.5°	0.0	3.3	8.0	13.8	20.5	27.1	33.8	41.3	48.7	56.1	63.9
45°	0.0	3.5	8.6	14.9	21.9	29.1	36.7	44.7	53.3	62.1	70.5
42.5°	0.0	3.6	9.1	16.0	23.3	31.0	39.6	48.4	57.8	68.2	78.0
40°	0.0	3.8	9.7	16.9	24.7	32.9	42.4	52.4	62.7	74.5	85.9
37.5°	0.0	3.9	10.2	17.8	26.1	34.7	45.2	56.3	68.2	81.1	94.0
35°	0.0	4.0	10.6	18.7	27.5	36.8	48.0	60.1	73.8	88.4	102.9
32.5°	0.0	4.1	11.1	19.5	28.9	39.0	50.9	63.9	79.2	95.7	112.6
30°	0.0	4.2	11.5	20.2	30.1	41.1	53.9	67.8	84.7	103.2	122.6
27.5°	0.0	4.3	11.9	20.9	31.2	43.1	56.9	72.2	90.3	110.6	132.7
25°	0.0	4.4	12.3	21.5	32.2	45.1	59.7	76.5	96.4	118.8	143.0
22.5°	0.0	4.5	12.6	22.0	33.1	46.8	62.4	80.6	102.4	127.2	154.2
20°	0.0	4.6	12.9	22.5	33.9	48.2	65.0	84.6	108.2	135.4	165.3
17.5°	0.0	4.7	13.2	22.9	34.7	49.3	66.9	88.4	113.9	143.5	176.3
15°	0.0	4.7	13.4	23.3	35.3	50.3	68.3	91.3	119.3	151.4	187.0
12.5°	0.0	4.8	13.7	23.6	35.9	51.2	69.6	93.3	123.1	158.9	197.2
10°	0.0	4.8	13.8	23.8	36.4	51.9	70.6	94.8	125.6	162.5	205.3
7.5°	0.0	4.9	14.0	24.0	36.8	52.4	71.4	96.1	127.6	164.8	208.9
5°	0.0	4.9	14.1	24.1	37.2	52.7	72.0	97.0	129.1	166.4	211.8
2.5°	0.0	4.9	14.2	24.2	37.4	52.9	72.4	97.6	130.1	167.4	213.7
0°	0.0	4.9	14.2	24.2	37.5	53.0	72.5	97.8	130.6	167.6	214.8
-2.5°	0.0	4.9	14.2	24.2	37.4	52.9	72.4	97.6	130.1	167.4	213.7
-5°	0.0	4.9	14.1	24.1	37.2	52.7	72.0	97.0	129.1	166.4	211.8
-7.5°	0.0	4.9	14.0	24.0	36.8	52.4	71.4	96.1	127.6	164.8	208.9
-10°	0.0	4.8	13.8	23.8	36.4	51.9	70.6	94.8	125.6	162.5	205.3
-12.5°	0.0	4.8	13.7	23.6	35.9	51.2	69.6	93.3	123.1	158.9	197.2
-15°	0.0	4.7	13.4	23.3	35.3	50.3	68.3	91.3	119.3	151.4	187.0
-17.5°	0.0	4.7	13.2	22.9	34.7	49.3	66.9	88.4	113.9	143.5	176.3
-20°	0.0	4.6	12.9	22.5	33.9	48.2	65.0	84.6	108.2	135.4	165.3



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 CATALOG NUMBER: GFLD-SA1A-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.5	12.6	22.0	33.1	46.8	62.4	80.6	102.4	127.2	154.2
-25°	0.0	4.4	12.3	21.5	32.2	45.1	59.7	76.5	96.4	118.8	143.0
-27.5°	0.0	4.3	11.9	20.9	31.2	43.1	56.9	72.2	90.3	110.6	132.7
-30°	0.0	4.2	11.5	20.2	30.1	41.1	53.9	67.8	84.7	103.2	122.6
-32.5°	0.0	4.1	11.1	19.5	28.9	39.0	50.9	63.9	79.2	95.7	112.6
-35°	0.0	4.0	10.6	18.7	27.5	36.8	48.0	60.1	73.8	88.4	102.9
-37.5°	0.0	3.9	10.2	17.8	26.1	34.7	45.2	56.3	68.2	81.1	94.0
-40°	0.0	3.8	9.7	16.9	24.7	32.9	42.4	52.4	62.7	74.5	85.9
-42.5°	0.0	3.6	9.1	16.0	23.3	31.0	39.6	48.4	57.8	68.2	78.0
-45°	0.0	3.5	8.6	14.9	21.9	29.1	36.7	44.7	53.3	62.1	70.5
-47.5°	0.0	3.3	8.0	13.8	20.5	27.1	33.8	41.3	48.7	56.1	63.9
-50°	0.0	3.1	7.4	12.9	19.0	25.0	31.2	37.9	44.2	51.1	57.5
-52.5°	0.0	3.0	6.8	12.0	17.5	22.9	28.8	34.6	40.3	46.3	51.5
-55°	0.0	2.8	6.2	11.0	16.0	21.0	26.2	31.3	36.6	41.5	46.4
-57.5°	0.0	2.6	5.6	10.0	14.4	19.1	23.7	28.3	32.9	37.3	41.4
-60°	0.0	2.4	4.9	9.0	12.9	17.2	21.1	25.4	29.3	33.2	36.7
-62.5°	0.0	2.3	4.5	8.0	11.5	15.3	18.9	22.4	26.0	29.2	32.4
-65°	0.0	2.1	4.1	7.0	10.2	13.3	16.6	19.6	22.8	25.6	28.1
-67.5°	0.0	1.9	3.7	6.0	8.8	11.5	14.4	17.1	19.6	22.2	24.3
-70°	0.0	1.7	3.3	4.9	7.5	9.8	12.1	14.6	16.8	18.8	20.7
-72.5°	0.0	1.5	2.9	4.2	6.1	8.2	10.1	12.0	14.1	15.8	17.3
-75°	0.0	1.3	2.5	3.6	4.7	6.5	8.1	9.7	11.3	12.9	14.2
-77.5°	0.0	1.1	2.1	3.0	3.8	4.8	6.1	7.5	8.8	10.0	11.1
-80°	0.0	0.9	1.7	2.4	3.1	3.6	4.2	5.3	6.4	7.3	8.2
-82.5°	0.0	0.6	1.3	1.8	2.3	2.7	3.0	3.4	3.9	4.7	5.4
-85°	0.0	0.4	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.8	3.0
-87.5°	0.0	0.2	0.4	0.6	0.8	0.9	1.0	1.2	1.3	1.4	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





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 CATALOG NUMBER: GFLD-SA1A-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.7	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.5
85°	3.3	3.5	3.9	4.2	4.4	4.7	4.9	5.1	5.2	5.4	5.5
82.5°	6.0	6.5	6.9	7.2	7.5	7.8	8.1	8.3	8.5	8.7	8.9
80°	8.9	9.5	10.1	10.6	11.1	11.5	11.7	11.8	12.1	12.5	12.8
77.5°	12.1	12.9	13.7	14.4	14.9	15.4	15.7	15.9	16.4	16.9	17.4
75°	15.4	16.4	17.5	18.4	19.1	19.7	20.1	20.4	21.0	21.7	22.3
72.5°	18.8	20.2	21.5	22.5	23.5	24.3	24.8	25.2	25.7	26.6	27.2
70°	22.4	24.0	25.7	27.1	28.1	29.0	29.7	30.2	30.7	31.6	32.2
67.5°	26.2	28.5	30.3	31.8	32.9	34.0	34.8	35.4	35.6	36.5	37.2
65°	30.5	33.0	35.1	36.7	37.9	39.2	40.1	40.6	40.7	41.7	42.5
62.5°	35.0	37.7	40.0	41.9	43.4	44.7	45.7	46.3	46.4	47.1	48.1
60°	39.8	42.6	45.3	47.6	49.2	50.5	51.6	52.2	52.3	52.6	53.8
57.5°	44.8	47.8	51.0	53.5	55.4	56.5	57.7	58.4	58.6	58.5	59.7
55°	50.2	53.3	56.9	59.9	61.9	62.9	64.0	65.0	65.3	65.1	65.8
52.5°	56.3	59.5	63.3	66.6	68.8	70.0	70.8	72.0	72.5	72.3	72.1
50°	62.8	66.7	69.9	73.6	76.3	77.9	77.9	79.4	80.1	79.9	78.9
47.5°	70.1	74.6	77.0	81.2	84.7	86.6	86.7	87.3	88.1	88.4	87.6
45°	78.0	83.5	86.0	89.8	93.8	96.0	96.7	95.6	97.2	97.7	97.2
42.5°	86.4	93.3	97.3	98.8	103.4	106.5	107.7	107.0	107.0	108.0	108.0
40°	96.0	103.9	110.0	111.6	113.9	118.2	120.7	120.6	117.8	119.8	120.3
37.5°	106.2	116.5	124.0	127.4	125.6	131.3	135.1	136.6	134.8	132.8	135.1
35°	117.0	130.1	140.2	145.9	146.1	146.0	151.8	154.9	155.2	151.5	152.3
32.5°	129.1	144.4	157.8	167.1	171.3	168.7	170.2	176.7	179.9	178.5	173.3
30°	142.1	160.9	177.3	190.3	199.7	202.5	196.2	201.3	208.5	211.2	209.0
27.5°	155.3	178.4	199.2	217.2	231.8	240.9	241.1	233.3	241.3	248.1	250.8
25°	168.6	195.8	222.4	246.9	268.8	284.6	291.9	292.8	281.4	291.7	301.2
22.5°	182.8	213.8	245.3	278.4	309.0	332.2	349.8	360.4	360.1	349.4	357.7
20°	197.9	233.4	270.1	309.3	351.0	382.9	412.5	435.0	448.6	453.2	444.3
17.5°	212.9	253.1	296.1	342.8	391.1	435.3	479.5	515.6	544.1	567.6	576.0
15°	227.7	272.8	322.2	376.5	432.3	487.6	544.5	599.7	648.3	691.2	716.7
12.5°	242.2	292.3	348.1	410.1	474.1	540.7	608.6	675.8	745.9	815.4	868.2
10°	256.2	311.2	373.5	443.0	515.9	593.7	672.5	752.4	837.4	919.4	998.3
7.5°	262.2	323.5	395.3	475.0	556.9	645.9	735.5	828.2	927.5	1023.2	1119.5
5°	265.9	328.5	401.5	484.4	575.6	680.0	786.9	901.7	1015.0	1125.2	1238.7
2.5°	268.3	331.8	405.6	488.2	578.4	685.6	793.8	913.0	1040.2	1167.6	1302.7
0°	269.5	333.6	407.6	489.3	578.0	687.4	796.5	919.5	1048.4	1177.9	1316.2
-2.5°	268.3	331.8	405.6	488.2	578.4	685.6	793.8	913.0	1040.2	1167.6	1302.7
-5°	265.9	328.5	401.5	484.4	575.6	680.0	786.9	901.7	1015.0	1125.2	1238.7
-7.5°	262.2	323.5	395.3	475.0	556.9	645.9	735.5	828.2	927.5	1023.2	1119.5
-10°	256.2	311.2	373.5	443.0	515.9	593.7	672.5	752.4	837.4	919.4	998.3
-12.5°	242.2	292.3	348.1	410.1	474.1	540.7	608.6	675.8	745.9	815.4	868.2
-15°	227.7	272.8	322.2	376.5	432.3	487.6	544.5	599.7	648.3	691.2	716.7
-17.5°	212.9	253.1	296.1	342.8	391.1	435.3	479.5	515.6	544.1	567.6	576.0
-20°	197.9	233.4	270.1	309.3	351.0	382.9	412.5	435.0	448.6	453.2	444.3



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 CATALOG NUMBER: GFLD-SA1A-930-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	182.8	213.8	245.3	278.4	309.0	332.2	349.8	360.4	360.1	349.4	357.7
-25°	168.6	195.8	222.4	246.9	268.8	284.6	291.9	292.8	281.4	291.7	301.2
-27.5°	155.3	178.4	199.2	217.2	231.8	240.9	241.1	233.3	241.3	248.1	250.8
-30°	142.1	160.9	177.3	190.3	199.7	202.5	196.2	201.3	208.5	211.2	209.0
-32.5°	129.1	144.4	157.8	167.1	171.3	168.7	170.2	176.7	179.9	178.5	173.3
-35°	117.0	130.1	140.2	145.9	146.1	146.0	151.8	154.9	155.2	151.5	152.3
-37.5°	106.2	116.5	124.0	127.4	125.6	131.3	135.1	136.6	134.8	132.8	135.1
-40°	96.0	103.9	110.0	111.6	113.9	118.2	120.7	120.6	117.8	119.8	120.3
-42.5°	86.4	93.3	97.3	98.8	103.4	106.5	107.7	107.0	107.0	108.0	108.0
-45°	78.0	83.5	86.0	89.8	93.8	96.0	96.7	95.6	97.2	97.7	97.2
-47.5°	70.1	74.6	77.0	81.2	84.7	86.6	86.7	87.3	88.1	88.4	87.6
-50°	62.8	66.7	69.9	73.6	76.3	77.9	77.9	79.4	80.1	79.9	78.9
-52.5°	56.3	59.5	63.3	66.6	68.8	70.0	70.8	72.0	72.5	72.3	72.1
-55°	50.2	53.3	56.9	59.9	61.9	62.9	64.0	65.0	65.3	65.1	65.8
-57.5°	44.8	47.8	51.0	53.5	55.4	56.5	57.7	58.4	58.6	58.5	59.7
-60°	39.8	42.6	45.3	47.6	49.2	50.5	51.6	52.2	52.3	52.6	53.8
-62.5°	35.0	37.7	40.0	41.9	43.4	44.7	45.7	46.3	46.4	47.1	48.1
-65°	30.5	33.0	35.1	36.7	37.9	39.2	40.1	40.6	40.7	41.7	42.5
-67.5°	26.2	28.5	30.3	31.8	32.9	34.0	34.8	35.4	35.6	36.5	37.2
-70°	22.4	24.0	25.7	27.1	28.1	29.0	29.7	30.2	30.7	31.6	32.2
-72.5°	18.8	20.2	21.5	22.5	23.5	24.3	24.8	25.2	25.7	26.6	27.2
-75°	15.4	16.4	17.5	18.4	19.1	19.7	20.1	20.4	21.0	21.7	22.3
-77.5°	12.1	12.9	13.7	14.4	14.9	15.4	15.7	15.9	16.4	16.9	17.4
-80°	8.9	9.5	10.1	10.6	11.1	11.5	11.7	11.8	12.1	12.5	12.8
-82.5°	6.0	6.5	6.9	7.2	7.5	7.8	8.1	8.3	8.5	8.7	8.9
-85°	3.3	3.5	3.9	4.2	4.4	4.7	4.9	5.1	5.2	5.4	5.5
-87.5°	1.6	1.7	1.9	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.5
-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: P558470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-NAT-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°	2.6	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
85°	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.3
82.5°	9.1	9.4	9.7	9.9	10.2	10.4	10.5	10.6	10.6	10.7	10.8
80°	13.2	13.6	14.0	14.4	14.7	14.9	15.0	15.2	15.3	15.4	15.5
77.5°	17.8	18.3	18.8	19.2	19.6	19.9	20.2	20.5	20.6	20.9	21.1
75°	22.8	23.3	23.9	24.5	24.9	25.4	25.9	26.4	26.8	27.1	27.3
72.5°	27.7	28.3	29.1	29.8	30.4	31.1	31.7	32.3	32.8	33.3	33.7
70°	32.7	33.2	34.2	35.1	36.0	36.8	37.6	38.3	38.9	39.5	40.0
67.5°	37.8	38.4	39.6	40.6	41.6	42.4	43.4	44.2	44.9	45.5	46.1
65°	43.2	43.8	45.0	46.2	47.2	48.0	49.0	49.9	50.7	51.4	52.0
62.5°	48.9	49.4	50.5	51.6	52.5	53.3	54.5	55.5	56.3	57.1	57.7
60°	54.6	55.1	55.9	57.1	58.1	58.9	60.0	61.0	61.8	62.6	63.2
57.5°	60.5	61.0	61.4	62.6	63.6	64.4	65.3	66.3	67.1	67.7	68.4
55°	66.7	67.0	66.9	68.1	69.0	69.6	70.3	71.3	72.1	72.7	73.3
52.5°	73.0	73.4	73.1	73.6	74.6	75.2	75.4	76.5	77.3	77.9	78.4
50°	79.9	80.3	80.0	79.7	80.7	81.3	81.5	82.3	83.1	83.5	83.9
47.5°	87.5	87.9	87.7	86.6	87.5	88.2	88.2	88.6	89.4	89.7	89.9
45°	95.7	96.5	96.3	95.6	95.4	96.2	96.1	95.8	96.7	97.1	97.2
42.5°	106.5	106.3	106.5	106.1	104.7	105.6	105.7	104.5	105.7	106.2	105.9
40°	119.7	117.3	118.6	118.4	117.2	117.0	117.6	116.7	116.9	117.6	117.1
37.5°	135.4	133.7	133.0	133.6	133.2	131.6	132.9	132.5	131.5	132.7	132.1
35°	154.7	154.2	150.4	152.7	153.2	151.7	152.1	152.8	150.6	152.3	152.1
32.5°	177.4	178.5	177.7	176.2	178.5	178.8	176.2	179.3	178.0	178.5	179.7
30°	203.0	208.9	211.8	209.2	210.6	213.3	212.1	214.2	215.2	213.6	216.7
27.5°	247.8	245.7	252.6	255.6	252.3	257.3	261.0	259.4	264.7	261.6	266.0
25°	304.7	301.6	303.5	313.3	315.5	313.0	323.2	324.4	328.6	329.1	332.2
22.5°	371.5	378.9	378.1	381.0	393.5	397.6	401.3	411.2	409.0	417.9	419.4
20°	446.3	464.9	477.7	480.4	485.6	499.9	506.4	514.2	519.4	527.8	535.0
17.5°	572.7	563.2	588.3	604.1	612.3	615.3	632.5	638.0	650.9	658.3	665.6
15°	735.0	740.6	729.2	744.3	769.7	778.2	768.4	791.4	797.9	810.3	812.5
12.5°	908.5	936.6	950.4	954.1	940.8	976.9	991.4	973.3	993.9	990.2	1007.1
10°	1074.1	1142.3	1183.1	1211.9	1229.3	1239.8	1250.4	1269.1	1269.5	1283.4	1275.2
7.5°	1210.0	1296.5	1379.1	1459.3	1523.4	1559.4	1587.7	1614.7	1650.9	1668.2	1679.4
5°	1342.9	1442.8	1541.7	1638.8	1726.9	1811.5	1894.5	1966.6	2004.7	2049.3	2089.0
2.5°	1428.9	1555.2	1681.5	1806.6	1908.3	2001.6	2088.0	2168.3	2238.6	2303.7	2358.7
0°	1445.7	1587.0	1718.8	1843.6	1958.1	2073.4	2174.0	2264.7	2341.4	2410.6	2457.2
-2.5°	1428.9	1555.2	1681.5	1806.6	1908.3	2001.6	2088.0	2168.3	2238.6	2303.7	2358.7
-5°	1342.9	1442.8	1541.7	1638.8	1726.9	1811.5	1894.5	1966.6	2004.7	2049.3	2089.0
-7.5°	1210.0	1296.5	1379.1	1459.3	1523.4	1559.4	1587.7	1614.7	1650.9	1668.2	1679.4
-10°	1074.1	1142.3	1183.1	1211.9	1229.3	1239.8	1250.4	1269.1	1269.5	1283.4	1275.2
-12.5°	908.5	936.6	950.4	954.1	940.8	976.9	991.4	973.3	993.9	990.2	1007.1
-15°	735.0	740.6	729.2	744.3	769.7	778.2	768.4	791.4	797.9	810.3	812.5
-17.5°	572.7	563.2	588.3	604.1	612.3	615.3	632.5	638.0	650.9	658.3	665.6
-20°	446.3	464.9	477.7	480.4	485.6	499.9	506.4	514.2	519.4	527.8	535.0



REPORT NUMBER: P558470 (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°	371.5	378.9	378.1	381.0	393.5	397.6	401.3	411.2	409.0	417.9	419.4
-25°	304.7	301.6	303.5	313.3	315.5	313.0	323.2	324.4	328.6	329.1	332.2
-27.5°	247.8	245.7	252.6	255.6	252.3	257.3	261.0	259.4	264.7	261.6	266.0
-30°	203.0	208.9	211.8	209.2	210.6	213.3	212.1	214.2	215.2	213.6	216.7
-32.5°	177.4	178.5	177.7	176.2	178.5	178.8	176.2	179.3	178.0	178.5	179.7
-35°	154.7	154.2	150.4	152.7	153.2	151.7	152.1	152.8	150.6	152.3	152.1
-37.5°	135.4	133.7	133.0	133.6	133.2	131.6	132.9	132.5	131.5	132.7	132.1
-40°	119.7	117.3	118.6	118.4	117.2	117.0	117.6	116.7	116.9	117.6	117.1
-42.5°	106.5	106.3	106.5	106.1	104.7	105.6	105.7	104.5	105.7	106.2	105.9
-45°	95.7	96.5	96.3	95.6	95.4	96.2	96.1	95.8	96.7	97.1	97.2
-47.5°	87.5	87.9	87.7	86.6	87.5	88.2	88.2	88.6	89.4	89.7	89.9
-50°	79.9	80.3	80.0	79.7	80.7	81.3	81.5	82.3	83.1	83.5	83.9
-52.5°	73.0	73.4	73.1	73.6	74.6	75.2	75.4	76.5	77.3	77.9	78.4
-55°	66.7	67.0	66.9	68.1	69.0	69.6	70.3	71.3	72.1	72.7	73.3
-57.5°	60.5	61.0	61.4	62.6	63.6	64.4	65.3	66.3	67.1	67.7	68.4
-60°	54.6	55.1	55.9	57.1	58.1	58.9	60.0	61.0	61.8	62.6	63.2
-62.5°	48.9	49.4	50.5	51.6	52.5	53.3	54.5	55.5	56.3	57.1	57.7
-65°	43.2	43.8	45.0	46.2	47.2	48.0	49.0	49.9	50.7	51.4	52.0
-67.5°	37.8	38.4	39.6	40.6	41.6	42.4	43.4	44.2	44.9	45.5	46.1
-70°	32.7	33.2	34.2	35.1	36.0	36.8	37.6	38.3	38.9	39.5	40.0
-72.5°	27.7	28.3	29.1	29.8	30.4	31.1	31.7	32.3	32.8	33.3	33.7
-75°	22.8	23.3	23.9	24.5	24.9	25.4	25.9	26.4	26.8	27.1	27.3
-77.5°	17.8	18.3	18.8	19.2	19.6	19.9	20.2	20.5	20.6	20.9	21.1
-80°	13.2	13.6	14.0	14.4	14.7	14.9	15.0	15.2	15.3	15.4	15.5
-82.5°	9.1	9.4	9.7	9.9	10.2	10.4	10.5	10.6	10.6	10.7	10.8
-85°	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.3
-87.5°	2.6	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3
-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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 CATALOG NUMBER: GFLD-SA1A-930-U-NAT-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°	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.3
85°	6.2	6.2	6.3	6.4	6.3	6.2	6.2	6.3	6.3	6.3	6.2
82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.8	10.7	10.6	10.6
80°	15.5	15.5	15.5	15.4	15.5	15.5	15.5	15.5	15.4	15.3	15.2
77.5°	21.3	21.5	21.6	21.6	21.6	21.5	21.3	21.1	20.9	20.6	20.5
75°	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.3	27.1	26.8	26.4
72.5°	34.0	34.3	34.4	34.3	34.4	34.3	34.0	33.7	33.3	32.8	32.3
70°	40.4	40.8	40.8	40.7	40.8	40.8	40.4	40.0	39.5	38.9	38.3
67.5°	46.5	46.8	47.0	47.2	47.0	46.8	46.5	46.1	45.5	44.9	44.2
65°	52.4	52.8	52.9	53.0	52.9	52.8	52.4	52.0	51.4	50.7	49.9
62.5°	58.1	58.4	58.6	58.7	58.6	58.4	58.1	57.7	57.1	56.3	55.5
60°	63.7	64.0	64.1	63.9	64.1	64.0	63.7	63.2	62.6	61.8	61.0
57.5°	68.9	69.2	69.2	69.0	69.2	69.2	68.9	68.4	67.7	67.1	66.3
55°	73.7	74.0	74.0	74.0	74.0	74.0	73.7	73.3	72.7	72.1	71.3
52.5°	78.8	79.0	79.1	79.1	79.1	79.0	78.8	78.4	77.9	77.3	76.5
50°	84.1	84.2	84.2	84.2	84.2	84.2	84.1	83.9	83.5	83.1	82.3
47.5°	90.2	90.3	90.3	90.3	90.3	90.3	90.2	89.9	89.7	89.4	88.6
45°	97.5	97.3	97.1	97.1	97.1	97.3	97.5	97.2	97.1	96.7	95.8
42.5°	106.2	105.9	105.6	105.7	105.6	105.9	106.2	105.9	106.2	105.7	104.5
40°	117.5	117.5	117.1	116.9	117.1	117.5	117.5	117.1	117.6	116.9	116.7
37.5°	132.2	132.1	131.2	130.8	131.2	132.1	132.2	132.1	132.7	131.5	132.5
35°	151.6	151.3	150.0	150.1	150.0	151.3	151.6	152.1	152.3	150.6	152.8
32.5°	179.1	179.2	177.2	176.7	177.2	179.2	179.1	179.7	178.5	178.0	179.3
30°	214.8	215.5	213.2	214.2	213.2	215.5	214.8	216.7	213.6	215.2	214.2
27.5°	265.9	267.4	265.4	263.7	265.4	267.4	265.9	266.0	261.6	264.7	259.4
25°	336.4	337.5	335.1	333.0	335.1	337.5	336.4	332.2	329.1	328.6	324.4
22.5°	428.0	427.9	427.8	431.1	427.8	427.9	428.0	419.4	417.9	409.0	411.2
20°	539.6	536.9	540.9	543.5	540.9	536.9	539.6	535.0	527.8	519.4	514.2
17.5°	667.3	672.4	676.3	682.8	676.3	672.4	667.3	665.6	658.3	650.9	638.0
15°	818.0	825.6	829.5	827.4	829.5	825.6	818.0	812.5	810.3	797.9	791.4
12.5°	1007.7	1016.9	1010.1	1001.7	1010.1	1016.9	1007.7	1007.1	990.2	993.9	973.3
10°	1275.4	1295.0	1296.1	1279.7	1296.1	1295.0	1275.4	1275.2	1283.4	1269.5	1269.1
7.5°	1686.0	1695.5	1710.0	1710.7	1710.0	1695.5	1686.0	1679.4	1668.2	1650.9	1614.7
5°	2107.0	2132.5	2148.8	2177.2	2148.8	2132.5	2107.0	2089.0	2049.3	2004.7	1966.6
2.5°	2394.2	2427.1	2439.7	2471.8	2439.7	2427.1	2394.2	2358.7	2303.7	2238.6	2168.3
0°	2498.8	2525.4	2541.4	2554.1	2541.4	2525.4	2498.8	2457.2	2410.6	2341.4	2264.7
-2.5°	2394.2	2427.1	2439.7	2471.8	2439.7	2427.1	2394.2	2358.7	2303.7	2238.6	2168.3
-5°	2107.0	2132.5	2148.8	2177.2	2148.8	2132.5	2107.0	2089.0	2049.3	2004.7	1966.6
-7.5°	1686.0	1695.5	1710.0	1710.7	1710.0	1695.5	1686.0	1679.4	1668.2	1650.9	1614.7
-10°	1275.4	1295.0	1296.1	1279.7	1296.1	1295.0	1275.4	1275.2	1283.4	1269.5	1269.1
-12.5°	1007.7	1016.9	1010.1	1001.7	1010.1	1016.9	1007.7	1007.1	990.2	993.9	973.3
-15°	818.0	825.6	829.5	827.4	829.5	825.6	818.0	812.5	810.3	797.9	791.4
-17.5°	667.3	672.4	676.3	682.8	676.3	672.4	667.3	665.6	658.3	650.9	638.0
-20°	539.6	536.9	540.9	543.5	540.9	536.9	539.6	535.0	527.8	519.4	514.2



REPORT NUMBER: P558470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	428.0	427.9	427.8	431.1	427.8	427.9	428.0	419.4	417.9	409.0	411.2
-25°	336.4	337.5	335.1	333.0	335.1	337.5	336.4	332.2	329.1	328.6	324.4
-27.5°	265.9	267.4	265.4	263.7	265.4	267.4	265.9	266.0	261.6	264.7	259.4
-30°	214.8	215.5	213.2	214.2	213.2	215.5	214.8	216.7	213.6	215.2	214.2
-32.5°	179.1	179.2	177.2	176.7	177.2	179.2	179.1	179.7	178.5	178.0	179.3
-35°	151.6	151.3	150.0	150.1	150.0	151.3	151.6	152.1	152.3	150.6	152.8
-37.5°	132.2	132.1	131.2	130.8	131.2	132.1	132.2	132.1	132.7	131.5	132.5
-40°	117.5	117.5	117.1	116.9	117.1	117.5	117.5	117.1	117.6	116.9	116.7
-42.5°	106.2	105.9	105.6	105.7	105.6	105.9	106.2	105.9	106.2	105.7	104.5
-45°	97.5	97.3	97.1	97.1	97.1	97.3	97.5	97.2	97.1	96.7	95.8
-47.5°	90.2	90.3	90.3	90.3	90.3	90.3	90.2	89.9	89.7	89.4	88.6
-50°	84.1	84.2	84.2	84.2	84.2	84.2	84.1	83.9	83.5	83.1	82.3
-52.5°	78.8	79.0	79.1	79.1	79.1	79.0	78.8	78.4	77.9	77.3	76.5
-55°	73.7	74.0	74.0	74.0	74.0	74.0	73.7	73.3	72.7	72.1	71.3
-57.5°	68.9	69.2	69.2	69.0	69.2	69.2	68.9	68.4	67.7	67.1	66.3
-60°	63.7	64.0	64.1	63.9	64.1	64.0	63.7	63.2	62.6	61.8	61.0
-62.5°	58.1	58.4	58.6	58.7	58.6	58.4	58.1	57.7	57.1	56.3	55.5
-65°	52.4	52.8	52.9	53.0	52.9	52.8	52.4	52.0	51.4	50.7	49.9
-67.5°	46.5	46.8	47.0	47.2	47.0	46.8	46.5	46.1	45.5	44.9	44.2
-70°	40.4	40.8	40.8	40.7	40.8	40.8	40.4	40.0	39.5	38.9	38.3
-72.5°	34.0	34.3	34.4	34.3	34.4	34.3	34.0	33.7	33.3	32.8	32.3
-75°	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.3	27.1	26.8	26.4
-77.5°	21.3	21.5	21.6	21.6	21.6	21.5	21.3	21.1	20.9	20.6	20.5
-80°	15.5	15.5	15.5	15.4	15.5	15.5	15.5	15.5	15.4	15.3	15.2
-82.5°	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.8	10.7	10.6	10.6
-85°	6.2	6.2	6.3	6.4	6.3	6.2	6.2	6.3	6.3	6.3	6.2
-87.5°	2.2	2.2	2.3	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.3
-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: P558470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.5	2.4	2.3
85°	6.1	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.2	5.1
82.5°	10.5	10.4	10.2	9.9	9.7	9.4	9.1	8.9	8.7	8.5	8.3
80°	15.0	14.9	14.7	14.4	14.0	13.6	13.2	12.8	12.5	12.1	11.8
77.5°	20.2	19.9	19.6	19.2	18.8	18.3	17.8	17.4	16.9	16.4	15.9
75°	25.9	25.4	24.9	24.5	23.9	23.3	22.8	22.3	21.7	21.0	20.4
72.5°	31.7	31.1	30.4	29.8	29.1	28.3	27.7	27.2	26.6	25.7	25.2
70°	37.6	36.8	36.0	35.1	34.2	33.2	32.7	32.2	31.6	30.7	30.2
67.5°	43.4	42.4	41.6	40.6	39.6	38.4	37.8	37.2	36.5	35.6	35.4
65°	49.0	48.0	47.2	46.2	45.0	43.8	43.2	42.5	41.7	40.7	40.6
62.5°	54.5	53.3	52.5	51.6	50.5	49.4	48.9	48.1	47.1	46.4	46.3
60°	60.0	58.9	58.1	57.1	55.9	55.1	54.6	53.8	52.6	52.3	52.2
57.5°	65.3	64.4	63.6	62.6	61.4	61.0	60.5	59.7	58.5	58.6	58.4
55°	70.3	69.6	69.0	68.1	66.9	67.0	66.7	65.8	65.1	65.3	65.0
52.5°	75.4	75.2	74.6	73.6	73.1	73.4	73.0	72.1	72.3	72.5	72.0
50°	81.5	81.3	80.7	79.7	80.0	80.3	79.9	78.9	79.9	80.1	79.4
47.5°	88.2	88.2	87.5	86.6	87.7	87.9	87.5	87.6	88.4	88.1	87.3
45°	96.1	96.2	95.4	95.6	96.3	96.5	95.7	97.2	97.7	97.2	95.6
42.5°	105.7	105.6	104.7	106.1	106.5	106.3	106.5	108.0	108.0	107.0	107.0
40°	117.6	117.0	117.2	118.4	118.6	117.3	119.7	120.3	119.8	117.8	120.6
37.5°	132.9	131.6	133.2	133.6	133.0	133.7	135.4	135.1	132.8	134.8	136.6
35°	152.1	151.7	153.2	152.7	150.4	154.2	154.7	152.3	151.5	155.2	154.9
32.5°	176.2	178.8	178.5	176.2	177.7	178.5	177.4	173.3	178.5	179.9	176.7
30°	212.1	213.3	210.6	209.2	211.8	208.9	203.0	209.0	211.2	208.5	201.3
27.5°	261.0	257.3	252.3	255.6	252.6	245.7	247.8	250.8	248.1	241.3	233.3
25°	323.2	313.0	315.5	313.3	303.5	301.6	304.7	301.2	291.7	281.4	292.8
22.5°	401.3	397.6	393.5	381.0	378.1	378.9	371.5	357.7	349.4	360.1	360.4
20°	506.4	499.9	485.6	480.4	477.7	464.9	446.3	444.3	453.2	448.6	435.0
17.5°	632.5	615.3	612.3	604.1	588.3	563.2	572.7	576.0	567.6	544.1	515.6
15°	768.4	778.2	769.7	744.3	729.2	740.6	735.0	716.7	691.2	648.3	599.7
12.5°	991.4	976.9	940.8	954.1	950.4	936.6	908.5	868.2	815.4	745.9	675.8
10°	1250.4	1239.8	1229.3	1211.9	1183.1	1142.3	1074.1	998.3	919.4	837.4	752.4
7.5°	1587.7	1559.4	1523.4	1459.3	1379.1	1296.5	1210.0	1119.5	1023.2	927.5	828.2
5°	1894.5	1811.5	1726.9	1638.8	1541.7	1442.8	1342.9	1238.7	1125.2	1015.0	901.7
2.5°	2088.0	2001.6	1908.3	1806.6	1681.5	1555.2	1428.9	1302.7	1167.6	1040.2	913.0
0°	2174.0	2073.4	1958.1	1843.6	1718.8	1587.0	1445.7	1316.2	1177.9	1048.4	919.5
-2.5°	2088.0	2001.6	1908.3	1806.6	1681.5	1555.2	1428.9	1302.7	1167.6	1040.2	913.0
-5°	1894.5	1811.5	1726.9	1638.8	1541.7	1442.8	1342.9	1238.7	1125.2	1015.0	901.7
-7.5°	1587.7	1559.4	1523.4	1459.3	1379.1	1296.5	1210.0	1119.5	1023.2	927.5	828.2
-10°	1250.4	1239.8	1229.3	1211.9	1183.1	1142.3	1074.1	998.3	919.4	837.4	752.4
-12.5°	991.4	976.9	940.8	954.1	950.4	936.6	908.5	868.2	815.4	745.9	675.8
-15°	768.4	778.2	769.7	744.3	729.2	740.6	735.0	716.7	691.2	648.3	599.7
-17.5°	632.5	615.3	612.3	604.1	588.3	563.2	572.7	576.0	567.6	544.1	515.6
-20°	506.4	499.9	485.6	480.4	477.7	464.9	446.3	444.3	453.2	448.6	435.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	401.3	397.6	393.5	381.0	378.1	378.9	371.5	357.7	349.4	360.1	360.4
-25°	323.2	313.0	315.5	313.3	303.5	301.6	304.7	301.2	291.7	281.4	292.8
-27.5°	261.0	257.3	252.3	255.6	252.6	245.7	247.8	250.8	248.1	241.3	233.3
-30°	212.1	213.3	210.6	209.2	211.8	208.9	203.0	209.0	211.2	208.5	201.3
-32.5°	176.2	178.8	178.5	176.2	177.7	178.5	177.4	173.3	178.5	179.9	176.7
-35°	152.1	151.7	153.2	152.7	150.4	154.2	154.7	152.3	151.5	155.2	154.9
-37.5°	132.9	131.6	133.2	133.6	133.0	133.7	135.4	135.1	132.8	134.8	136.6
-40°	117.6	117.0	117.2	118.4	118.6	117.3	119.7	120.3	119.8	117.8	120.6
-42.5°	105.7	105.6	104.7	106.1	106.5	106.3	106.5	108.0	108.0	107.0	107.0
-45°	96.1	96.2	95.4	95.6	96.3	96.5	95.7	97.2	97.7	97.2	95.6
-47.5°	88.2	88.2	87.5	86.6	87.7	87.9	87.5	87.6	88.4	88.1	87.3
-50°	81.5	81.3	80.7	79.7	80.0	80.3	79.9	78.9	79.9	80.1	79.4
-52.5°	75.4	75.2	74.6	73.6	73.1	73.4	73.0	72.1	72.3	72.5	72.0
-55°	70.3	69.6	69.0	68.1	66.9	67.0	66.7	65.8	65.1	65.3	65.0
-57.5°	65.3	64.4	63.6	62.6	61.4	61.0	60.5	59.7	58.5	58.6	58.4
-60°	60.0	58.9	58.1	57.1	55.9	55.1	54.6	53.8	52.6	52.3	52.2
-62.5°	54.5	53.3	52.5	51.6	50.5	49.4	48.9	48.1	47.1	46.4	46.3
-65°	49.0	48.0	47.2	46.2	45.0	43.8	43.2	42.5	41.7	40.7	40.6
-67.5°	43.4	42.4	41.6	40.6	39.6	38.4	37.8	37.2	36.5	35.6	35.4
-70°	37.6	36.8	36.0	35.1	34.2	33.2	32.7	32.2	31.6	30.7	30.2
-72.5°	31.7	31.1	30.4	29.8	29.1	28.3	27.7	27.2	26.6	25.7	25.2
-75°	25.9	25.4	24.9	24.5	23.9	23.3	22.8	22.3	21.7	21.0	20.4
-77.5°	20.2	19.9	19.6	19.2	18.8	18.3	17.8	17.4	16.9	16.4	15.9
-80°	15.0	14.9	14.7	14.4	14.0	13.6	13.2	12.8	12.5	12.1	11.8
-82.5°	10.5	10.4	10.2	9.9	9.7	9.4	9.1	8.9	8.7	8.5	8.3
-85°	6.1	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.2	5.1
-87.5°	2.3	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.5	2.4	2.3
-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):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.0	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2
85°	4.9	4.7	4.4	4.2	3.9	3.5	3.3	3.0	2.8	2.6	2.3
82.5°	8.1	7.8	7.5	7.2	6.9	6.5	6.0	5.4	4.7	3.9	3.4
80°	11.7	11.5	11.1	10.6	10.1	9.5	8.9	8.2	7.3	6.4	5.3
77.5°	15.7	15.4	14.9	14.4	13.7	12.9	12.1	11.1	10.0	8.8	7.5
75°	20.1	19.7	19.1	18.4	17.5	16.4	15.4	14.2	12.9	11.3	9.7
72.5°	24.8	24.3	23.5	22.5	21.5	20.2	18.8	17.3	15.8	14.1	12.0
70°	29.7	29.0	28.1	27.1	25.7	24.0	22.4	20.7	18.8	16.8	14.6
67.5°	34.8	34.0	32.9	31.8	30.3	28.5	26.2	24.3	22.2	19.6	17.1
65°	40.1	39.2	37.9	36.7	35.1	33.0	30.5	28.1	25.6	22.8	19.6
62.5°	45.7	44.7	43.4	41.9	40.0	37.7	35.0	32.4	29.2	26.0	22.4
60°	51.6	50.5	49.2	47.6	45.3	42.6	39.8	36.7	33.2	29.3	25.4
57.5°	57.7	56.5	55.4	53.5	51.0	47.8	44.8	41.4	37.3	32.9	28.3
55°	64.0	62.9	61.9	59.9	56.9	53.3	50.2	46.4	41.5	36.6	31.3
52.5°	70.8	70.0	68.8	66.6	63.3	59.5	56.3	51.5	46.3	40.3	34.6
50°	77.9	77.9	76.3	73.6	69.9	66.7	62.8	57.5	51.1	44.2	37.9
47.5°	86.7	86.6	84.7	81.2	77.0	74.6	70.1	63.9	56.1	48.7	41.3
45°	96.7	96.0	93.8	89.8	86.0	83.5	78.0	70.5	62.1	53.3	44.7
42.5°	107.7	106.5	103.4	98.8	97.3	93.3	86.4	78.0	68.2	57.8	48.4
40°	120.7	118.2	113.9	111.6	110.0	103.9	96.0	85.9	74.5	62.7	52.4
37.5°	135.1	131.3	125.6	127.4	124.0	116.5	106.2	94.0	81.1	68.2	56.3
35°	151.8	146.0	146.1	145.9	140.2	130.1	117.0	102.9	88.4	73.8	60.1
32.5°	170.2	168.7	171.3	167.1	157.8	144.4	129.1	112.6	95.7	79.2	63.9
30°	196.2	202.5	199.7	190.3	177.3	160.9	142.1	122.6	103.2	84.7	67.8
27.5°	241.1	240.9	231.8	217.2	199.2	178.4	155.3	132.7	110.6	90.3	72.2
25°	291.9	284.6	268.8	246.9	222.4	195.8	168.6	143.0	118.8	96.4	76.5
22.5°	349.8	332.2	309.0	278.4	245.3	213.8	182.8	154.2	127.2	102.4	80.6
20°	412.5	382.9	351.0	309.3	270.1	233.4	197.9	165.3	135.4	108.2	84.6
17.5°	479.5	435.3	391.1	342.8	296.1	253.1	212.9	176.3	143.5	113.9	88.4
15°	544.5	487.6	432.3	376.5	322.2	272.8	227.7	187.0	151.4	119.3	91.3
12.5°	608.6	540.7	474.1	410.1	348.1	292.3	242.2	197.2	158.9	123.1	93.3
10°	672.5	593.7	515.9	443.0	373.5	311.2	256.2	205.3	162.5	125.6	94.8
7.5°	735.5	645.9	556.9	475.0	395.3	323.5	262.2	208.9	164.8	127.6	96.1
5°	786.9	680.0	575.6	484.4	401.5	328.5	265.9	211.8	166.4	129.1	97.0
2.5°	793.8	685.6	578.4	488.2	405.6	331.8	268.3	213.7	167.4	130.1	97.6
0°	796.5	687.4	578.0	489.3	407.6	333.6	269.5	214.8	167.6	130.6	97.8
-2.5°	793.8	685.6	578.4	488.2	405.6	331.8	268.3	213.7	167.4	130.1	97.6
-5°	786.9	680.0	575.6	484.4	401.5	328.5	265.9	211.8	166.4	129.1	97.0
-7.5°	735.5	645.9	556.9	475.0	395.3	323.5	262.2	208.9	164.8	127.6	96.1
-10°	672.5	593.7	515.9	443.0	373.5	311.2	256.2	205.3	162.5	125.6	94.8
-12.5°	608.6	540.7	474.1	410.1	348.1	292.3	242.2	197.2	158.9	123.1	93.3
-15°	544.5	487.6	432.3	376.5	322.2	272.8	227.7	187.0	151.4	119.3	91.3
-17.5°	479.5	435.3	391.1	342.8	296.1	253.1	212.9	176.3	143.5	113.9	88.4
-20°	412.5	382.9	351.0	309.3	270.1	233.4	197.9	165.3	135.4	108.2	84.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	349.8	332.2	309.0	278.4	245.3	213.8	182.8	154.2	127.2	102.4	80.6
-25°	291.9	284.6	268.8	246.9	222.4	195.8	168.6	143.0	118.8	96.4	76.5
-27.5°	241.1	240.9	231.8	217.2	199.2	178.4	155.3	132.7	110.6	90.3	72.2
-30°	196.2	202.5	199.7	190.3	177.3	160.9	142.1	122.6	103.2	84.7	67.8
-32.5°	170.2	168.7	171.3	167.1	157.8	144.4	129.1	112.6	95.7	79.2	63.9
-35°	151.8	146.0	146.1	145.9	140.2	130.1	117.0	102.9	88.4	73.8	60.1
-37.5°	135.1	131.3	125.6	127.4	124.0	116.5	106.2	94.0	81.1	68.2	56.3
-40°	120.7	118.2	113.9	111.6	110.0	103.9	96.0	85.9	74.5	62.7	52.4
-42.5°	107.7	106.5	103.4	98.8	97.3	93.3	86.4	78.0	68.2	57.8	48.4
-45°	96.7	96.0	93.8	89.8	86.0	83.5	78.0	70.5	62.1	53.3	44.7
-47.5°	86.7	86.6	84.7	81.2	77.0	74.6	70.1	63.9	56.1	48.7	41.3
-50°	77.9	77.9	76.3	73.6	69.9	66.7	62.8	57.5	51.1	44.2	37.9
-52.5°	70.8	70.0	68.8	66.6	63.3	59.5	56.3	51.5	46.3	40.3	34.6
-55°	64.0	62.9	61.9	59.9	56.9	53.3	50.2	46.4	41.5	36.6	31.3
-57.5°	57.7	56.5	55.4	53.5	51.0	47.8	44.8	41.4	37.3	32.9	28.3
-60°	51.6	50.5	49.2	47.6	45.3	42.6	39.8	36.7	33.2	29.3	25.4
-62.5°	45.7	44.7	43.4	41.9	40.0	37.7	35.0	32.4	29.2	26.0	22.4
-65°	40.1	39.2	37.9	36.7	35.1	33.0	30.5	28.1	25.6	22.8	19.6
-67.5°	34.8	34.0	32.9	31.8	30.3	28.5	26.2	24.3	22.2	19.6	17.1
-70°	29.7	29.0	28.1	27.1	25.7	24.0	22.4	20.7	18.8	16.8	14.6
-72.5°	24.8	24.3	23.5	22.5	21.5	20.2	18.8	17.3	15.8	14.1	12.0
-75°	20.1	19.7	19.1	18.4	17.5	16.4	15.4	14.2	12.9	11.3	9.7
-77.5°	15.7	15.4	14.9	14.4	13.7	12.9	12.1	11.1	10.0	8.8	7.5
-80°	11.7	11.5	11.1	10.6	10.1	9.5	8.9	8.2	7.3	6.4	5.3
-82.5°	8.1	7.8	7.5	7.2	6.9	6.5	6.0	5.4	4.7	3.9	3.4
-85°	4.9	4.7	4.4	4.2	3.9	3.5	3.3	3.0	2.8	2.6	2.3
-87.5°	2.2	2.1	2.0	2.0	1.9	1.7	1.6	1.5	1.4	1.3	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



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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°	1.0	0.9	0.8	0.6	0.4	0.2	0.0
85°	2.0	1.8	1.5	1.2	0.9	0.4	0.0
82.5°	3.0	2.7	2.3	1.8	1.3	0.6	0.0
80°	4.2	3.6	3.1	2.4	1.7	0.9	0.0
77.5°	6.1	4.8	3.8	3.0	2.1	1.1	0.0
75°	8.1	6.5	4.7	3.6	2.5	1.3	0.0
72.5°	10.1	8.2	6.1	4.2	2.9	1.5	0.0
70°	12.1	9.8	7.5	4.9	3.3	1.7	0.0
67.5°	14.4	11.5	8.8	6.0	3.7	1.9	0.0
65°	16.6	13.3	10.2	7.0	4.1	2.1	0.0
62.5°	18.9	15.3	11.5	8.0	4.5	2.3	0.0
60°	21.1	17.2	12.9	9.0	4.9	2.4	0.0
57.5°	23.7	19.1	14.4	10.0	5.6	2.6	0.0
55°	26.2	21.0	16.0	11.0	6.2	2.8	0.0
52.5°	28.8	22.9	17.5	12.0	6.8	3.0	0.0
50°	31.2	25.0	19.0	12.9	7.4	3.1	0.0
47.5°	33.8	27.1	20.5	13.8	8.0	3.3	0.0
45°	36.7	29.1	21.9	14.9	8.6	3.5	0.0
42.5°	39.6	31.0	23.3	16.0	9.1	3.6	0.0
40°	42.4	32.9	24.7	16.9	9.7	3.8	0.0
37.5°	45.2	34.7	26.1	17.8	10.2	3.9	0.0
35°	48.0	36.8	27.5	18.7	10.6	4.0	0.0
32.5°	50.9	39.0	28.9	19.5	11.1	4.1	0.0
30°	53.9	41.1	30.1	20.2	11.5	4.2	0.0
27.5°	56.9	43.1	31.2	20.9	11.9	4.3	0.0
25°	59.7	45.1	32.2	21.5	12.3	4.4	0.0
22.5°	62.4	46.8	33.1	22.0	12.6	4.5	0.0
20°	65.0	48.2	33.9	22.5	12.9	4.6	0.0
17.5°	66.9	49.3	34.7	22.9	13.2	4.7	0.0
15°	68.3	50.3	35.3	23.3	13.4	4.7	0.0
12.5°	69.6	51.2	35.9	23.6	13.7	4.8	0.0
10°	70.6	51.9	36.4	23.8	13.8	4.8	0.0
7.5°	71.4	52.4	36.8	24.0	14.0	4.9	0.0
5°	72.0	52.7	37.2	24.1	14.1	4.9	0.0
2.5°	72.4	52.9	37.4	24.2	14.2	4.9	0.0
0°	72.5	53.0	37.5	24.2	14.2	4.9	0.0
-2.5°	72.4	52.9	37.4	24.2	14.2	4.9	0.0
-5°	72.0	52.7	37.2	24.1	14.1	4.9	0.0
-7.5°	71.4	52.4	36.8	24.0	14.0	4.9	0.0
-10°	70.6	51.9	36.4	23.8	13.8	4.8	0.0
-12.5°	69.6	51.2	35.9	23.6	13.7	4.8	0.0
-15°	68.3	50.3	35.3	23.3	13.4	4.7	0.0
-17.5°	66.9	49.3	34.7	22.9	13.2	4.7	0.0
-20°	65.0	48.2	33.9	22.5	12.9	4.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.4	46.8	33.1	22.0	12.6	4.5	0.0
-25°	59.7	45.1	32.2	21.5	12.3	4.4	0.0
-27.5°	56.9	43.1	31.2	20.9	11.9	4.3	0.0
-30°	53.9	41.1	30.1	20.2	11.5	4.2	0.0
-32.5°	50.9	39.0	28.9	19.5	11.1	4.1	0.0
-35°	48.0	36.8	27.5	18.7	10.6	4.0	0.0
-37.5°	45.2	34.7	26.1	17.8	10.2	3.9	0.0
-40°	42.4	32.9	24.7	16.9	9.7	3.8	0.0
-42.5°	39.6	31.0	23.3	16.0	9.1	3.6	0.0
-45°	36.7	29.1	21.9	14.9	8.6	3.5	0.0
-47.5°	33.8	27.1	20.5	13.8	8.0	3.3	0.0
-50°	31.2	25.0	19.0	12.9	7.4	3.1	0.0
-52.5°	28.8	22.9	17.5	12.0	6.8	3.0	0.0
-55°	26.2	21.0	16.0	11.0	6.2	2.8	0.0
-57.5°	23.7	19.1	14.4	10.0	5.6	2.6	0.0
-60°	21.1	17.2	12.9	9.0	4.9	2.4	0.0
-62.5°	18.9	15.3	11.5	8.0	4.5	2.3	0.0
-65°	16.6	13.3	10.2	7.0	4.1	2.1	0.0
-67.5°	14.4	11.5	8.8	6.0	3.7	1.9	0.0
-70°	12.1	9.8	7.5	4.9	3.3	1.7	0.0
-72.5°	10.1	8.2	6.1	4.2	2.9	1.5	0.0
-75°	8.1	6.5	4.7	3.6	2.5	1.3	0.0
-77.5°	6.1	4.8	3.8	3.0	2.1	1.1	0.0
-80°	4.2	3.6	3.1	2.4	1.7	0.9	0.0
-82.5°	3.0	2.7	2.3	1.8	1.3	0.6	0.0
-85°	2.0	1.8	1.5	1.2	0.9	0.4	0.0
-87.5°	1.0	0.9	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)