

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: P559134 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-927-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559134 (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-SA6B-927-U-NAT-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (96) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

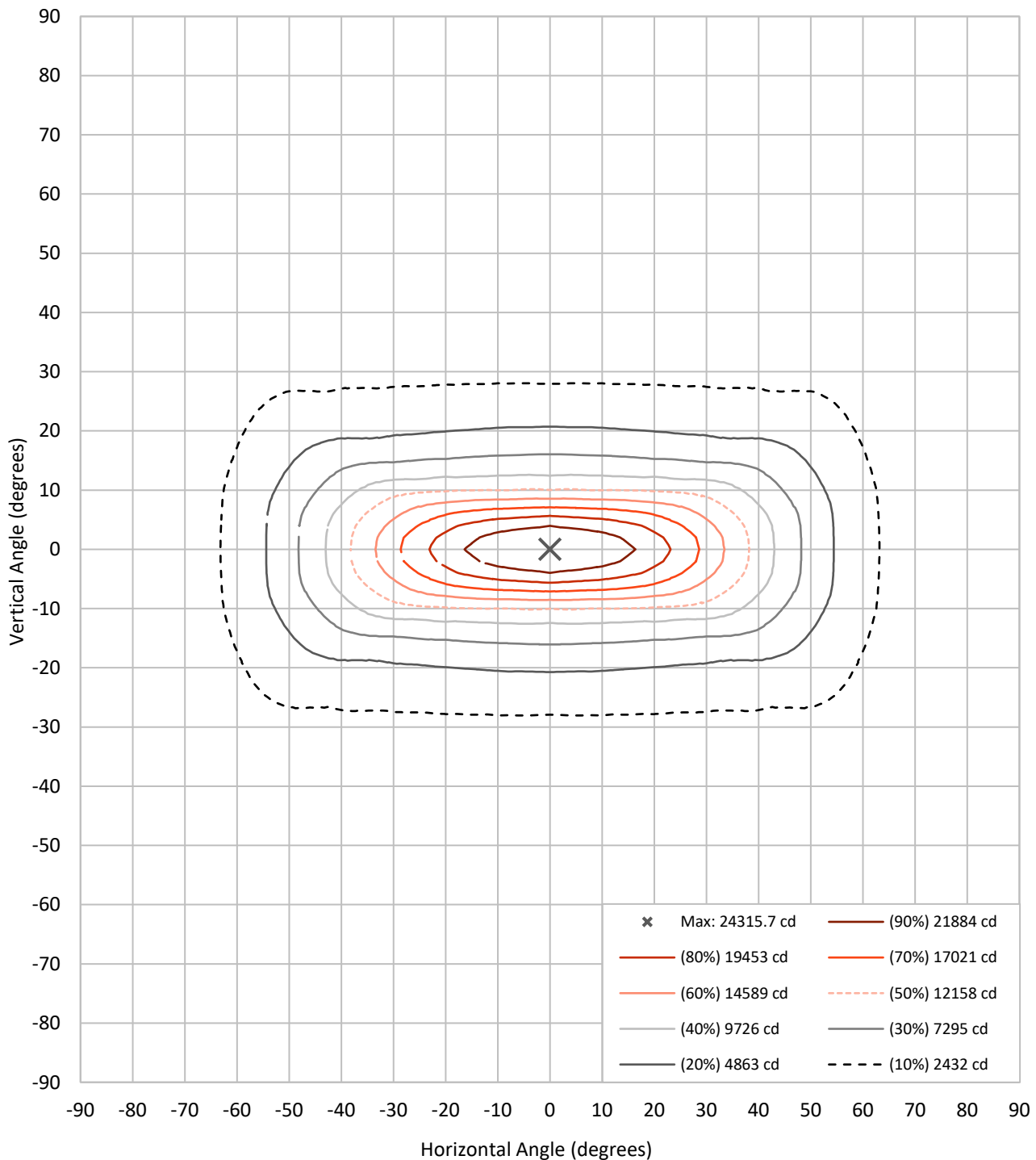
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	17414.4 lumens	Max Intensity:	24315.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	6967.5 lumens	Field Lumens:	14272.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 185  
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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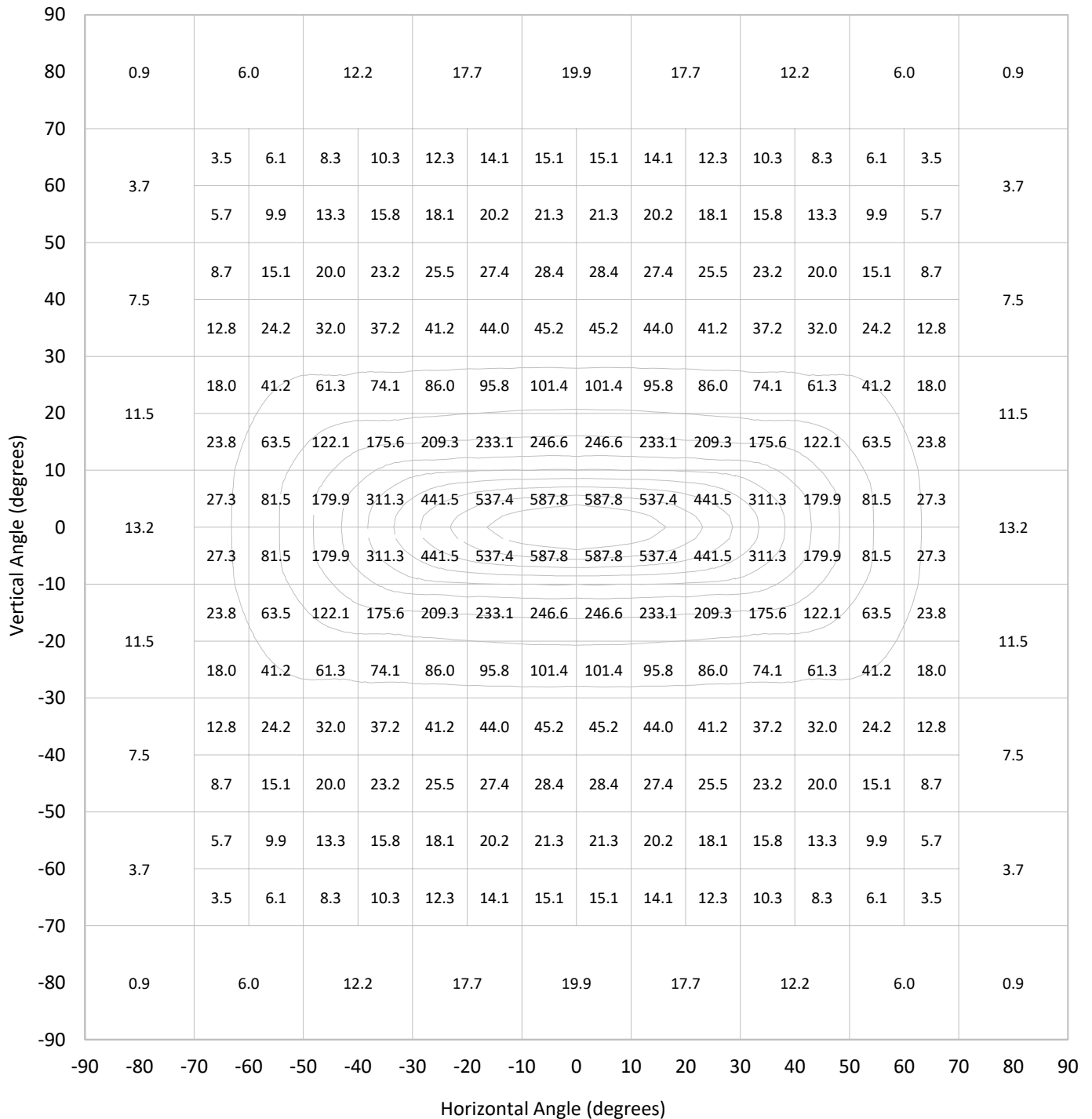
### Iso-Candela Plot





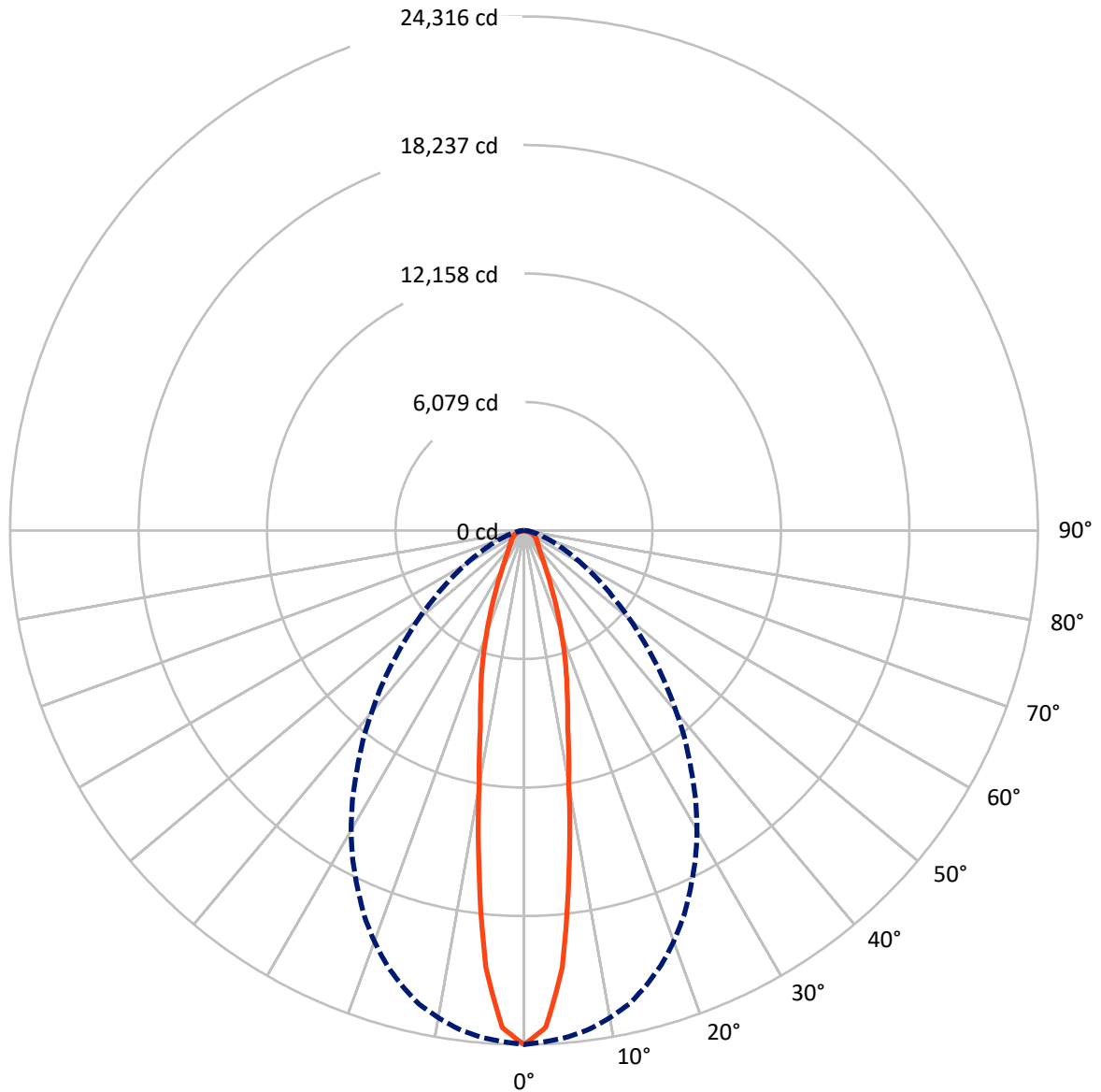
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### Lumen Table



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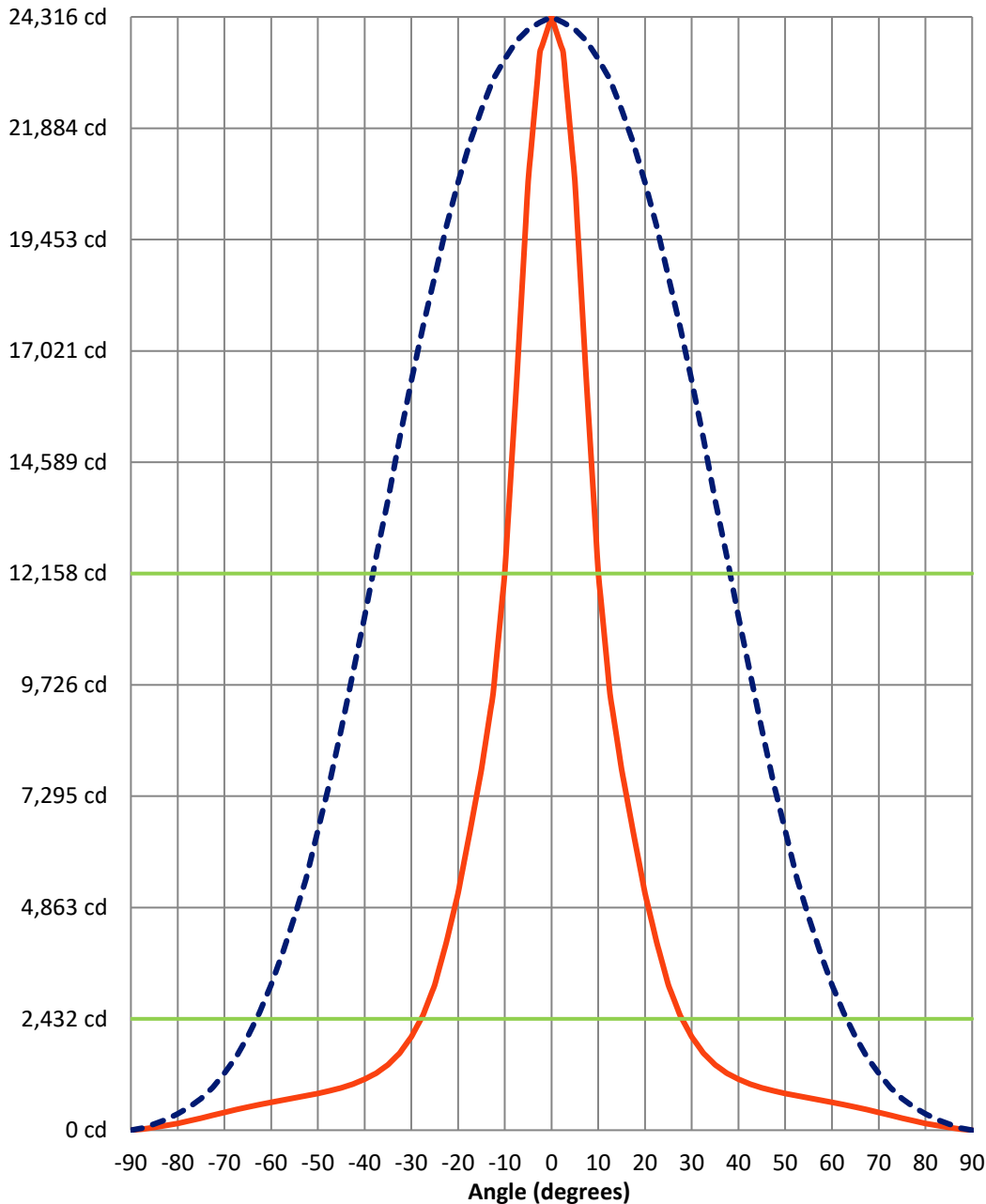
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 76.4°  
V Angle: 20°  
Lumens: 6967.5  
Efficiency: 40.0%

**Field:**  
H Angle: 126.3°  
V Angle: 55.8°  
Lumens: 14272.9  
Efficiency: 82.0%

**Spill:**  
Lumens: 3141.5  
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	2.0	4.0	5.8	7.3	8.6	9.7	11.0	12.2	13.3	14.3
85°	0.0	4.0	8.1	11.5	14.6	17.2	19.4	22.0	24.4	26.6	28.6
82.5°	0.0	6.1	12.1	17.3	21.8	25.8	29.1	33.0	37.4	44.5	51.0
80°	0.0	8.1	16.1	23.0	29.1	34.4	39.9	50.7	60.7	69.9	78.1
77.5°	0.0	10.0	20.1	28.7	36.3	45.6	58.7	71.8	84.1	95.2	105.7
75°	0.0	12.0	24.0	34.4	44.6	61.8	77.4	92.9	107.6	122.5	135.3
72.5°	0.0	13.9	27.9	40.0	57.9	77.9	96.1	114.7	134.0	150.7	165.0
70°	0.0	15.9	31.7	46.5	71.1	93.8	115.0	138.8	160.3	179.1	197.5
67.5°	0.0	17.8	35.5	56.5	84.1	109.7	136.7	162.9	186.8	211.3	231.0
65°	0.0	19.6	39.2	66.5	97.1	126.9	158.3	186.9	217.3	243.8	267.0
62.5°	0.0	21.4	42.8	76.3	109.8	145.4	179.8	213.8	248.0	277.7	308.1
60°	0.0	23.2	46.4	85.9	122.4	163.8	201.2	241.9	278.8	316.3	349.4
57.5°	0.0	24.9	52.6	95.3	137.2	182.0	225.5	270.0	313.2	354.9	394.1
55°	0.0	26.6	58.8	104.6	151.9	200.0	249.9	297.9	348.5	395.0	441.3
52.5°	0.0	28.2	64.8	113.7	166.4	218.2	273.9	329.2	383.7	440.4	489.7
50°	0.0	29.8	70.6	122.5	180.5	238.1	297.5	361.1	420.9	486.6	547.4
47.5°	0.0	31.3	76.2	131.6	194.4	257.6	321.5	393.1	463.4	533.5	608.0
45°	0.0	32.8	81.7	141.8	208.0	276.6	349.2	425.2	506.9	590.7	670.8
42.5°	0.0	34.2	86.9	151.6	221.2	295.2	376.7	460.8	550.4	649.4	742.3
40°	0.0	35.5	91.9	160.9	234.8	313.3	403.9	498.4	596.9	709.1	817.5
37.5°	0.0	36.8	96.7	169.4	248.6	330.8	430.8	535.6	649.6	771.7	895.2
35°	0.0	38.0	101.3	177.5	261.9	350.6	457.3	572.3	702.0	841.0	979.3
32.5°	0.0	39.1	105.6	185.0	274.7	371.4	484.4	608.3	754.1	911.2	1071.9
30°	0.0	40.2	109.7	191.9	286.9	391.6	513.5	645.4	805.7	982.1	1166.6
27.5°	0.0	41.2	113.5	198.3	297.0	411.0	541.5	687.4	859.6	1053.2	1263.0
25°	0.0	42.1	117.0	204.1	306.3	429.5	568.4	728.1	917.7	1130.6	1360.9
22.5°	0.0	42.9	120.2	209.3	314.9	446.1	594.2	767.4	974.8	1210.6	1467.9
20°	0.0	43.6	123.2	214.0	322.9	458.8	618.7	805.1	1030.3	1289.5	1574.0
17.5°	0.0	44.3	125.8	218.0	330.0	469.9	637.1	841.0	1084.0	1366.7	1678.3
15°	0.0	44.8	128.2	221.5	336.4	479.5	650.9	869.2	1135.5	1441.4	1780.0
12.5°	0.0	45.3	130.2	224.4	342.0	487.5	662.7	887.6	1172.3	1513.0	1878.1
10°	0.0	45.7	132.0	226.7	346.8	494.0	672.4	902.8	1195.8	1546.8	1954.6
7.5°	0.0	46.0	133.4	228.4	350.6	498.9	680.1	914.9	1214.9	1569.0	1989.3
5°	0.0	46.2	134.5	229.6	353.6	502.4	685.7	923.7	1229.3	1584.4	2016.2
2.5°	0.0	46.4	135.2	230.2	355.7	504.4	689.2	929.2	1238.9	1593.0	2034.8
0°	0.0	46.4	135.6	230.2	356.8	504.9	690.5	931.4	1243.6	1595.1	2044.7
-2.5°	0.0	46.4	135.2	230.2	355.7	504.4	689.2	929.2	1238.9	1593.0	2034.8
-5°	0.0	46.2	134.5	229.6	353.6	502.4	685.7	923.7	1229.3	1584.4	2016.2
-7.5°	0.0	46.0	133.4	228.4	350.6	498.9	680.1	914.9	1214.9	1569.0	1989.3
-10°	0.0	45.7	132.0	226.7	346.8	494.0	672.4	902.8	1195.8	1546.8	1954.6
-12.5°	0.0	45.3	130.2	224.4	342.0	487.5	662.7	887.6	1172.3	1513.0	1878.1
-15°	0.0	44.8	128.2	221.5	336.4	479.5	650.9	869.2	1135.5	1441.4	1780.0
-17.5°	0.0	44.3	125.8	218.0	330.0	469.9	637.1	841.0	1084.0	1366.7	1678.3
-20°	0.0	43.6	123.2	214.0	322.9	458.8	618.7	805.1	1030.3	1289.5	1574.0



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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	42.9	120.2	209.3	314.9	446.1	594.2	767.4	974.8	1210.6	1467.9
-25°	0.0	42.1	117.0	204.1	306.3	429.5	568.4	728.1	917.7	1130.6	1360.9
-27.5°	0.0	41.2	113.5	198.3	297.0	411.0	541.5	687.4	859.6	1053.2	1263.0
-30°	0.0	40.2	109.7	191.9	286.9	391.6	513.5	645.4	805.7	982.1	1166.6
-32.5°	0.0	39.1	105.6	185.0	274.7	371.4	484.4	608.3	754.1	911.2	1071.9
-35°	0.0	38.0	101.3	177.5	261.9	350.6	457.3	572.3	702.0	841.0	979.3
-37.5°	0.0	36.8	96.7	169.4	248.6	330.8	430.8	535.6	649.6	771.7	895.2
-40°	0.0	35.5	91.9	160.9	234.8	313.3	403.9	498.4	596.9	709.1	817.5
-42.5°	0.0	34.2	86.9	151.6	221.2	295.2	376.7	460.8	550.4	649.4	742.3
-45°	0.0	32.8	81.7	141.8	208.0	276.6	349.2	425.2	506.9	590.7	670.8
-47.5°	0.0	31.3	76.2	131.6	194.4	257.6	321.5	393.1	463.4	533.5	608.0
-50°	0.0	29.8	70.6	122.5	180.5	238.1	297.5	361.1	420.9	486.6	547.4
-52.5°	0.0	28.2	64.8	113.7	166.4	218.2	273.9	329.2	383.7	440.4	489.7
-55°	0.0	26.6	58.8	104.6	151.9	200.0	249.9	297.9	348.5	395.0	441.3
-57.5°	0.0	24.9	52.6	95.3	137.2	182.0	225.5	270.0	313.2	354.9	394.1
-60°	0.0	23.2	46.4	85.9	122.4	163.8	201.2	241.9	278.8	316.3	349.4
-62.5°	0.0	21.4	42.8	76.3	109.8	145.4	179.8	213.8	248.0	277.7	308.1
-65°	0.0	19.6	39.2	66.5	97.1	126.9	158.3	186.9	217.3	243.8	267.0
-67.5°	0.0	17.8	35.5	56.5	84.1	109.7	136.7	162.9	186.8	211.3	231.0
-70°	0.0	15.9	31.7	46.5	71.1	93.8	115.0	138.8	160.3	179.1	197.5
-72.5°	0.0	13.9	27.9	40.0	57.9	77.9	96.1	114.7	134.0	150.7	165.0
-75°	0.0	12.0	24.0	34.4	44.6	61.8	77.4	92.9	107.6	122.5	135.3
-77.5°	0.0	10.0	20.1	28.7	36.3	45.6	58.7	71.8	84.1	95.2	105.7
-80°	0.0	8.1	16.1	23.0	29.1	34.4	39.9	50.7	60.7	69.9	78.1
-82.5°	0.0	6.1	12.1	17.3	21.8	25.8	29.1	33.0	37.4	44.5	51.0
-85°	0.0	4.0	8.1	11.5	14.6	17.2	19.4	22.0	24.4	26.6	28.6
-87.5°	0.0	2.0	4.0	5.8	7.3	8.6	9.7	11.0	12.2	13.3	14.3
-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: P559134 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-927-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°	15.4	16.5	17.5	18.4	19.3	20.1	20.8	21.4	22.3	23.2	24.0
85°	30.9	33.0	36.5	39.4	42.1	44.5	46.4	48.1	49.8	51.2	52.3
82.5°	56.8	61.6	65.4	68.2	71.5	74.4	76.8	78.9	81.2	83.2	85.0
80°	84.9	90.3	95.9	100.7	105.5	109.0	111.3	112.2	115.0	118.6	122.3
77.5°	115.1	123.3	130.5	136.7	141.8	146.3	149.4	151.4	155.9	161.1	165.7
75°	146.4	156.4	166.4	175.1	182.1	187.2	190.9	194.0	199.4	206.2	212.1
72.5°	179.0	192.4	204.3	214.5	223.8	230.9	236.2	239.7	245.1	253.1	259.5
70°	213.3	228.7	244.8	257.9	267.9	276.3	283.2	288.0	292.9	301.0	307.0
67.5°	248.8	270.8	288.7	302.6	313.6	323.9	331.7	336.9	339.1	347.3	354.1
65°	290.7	314.3	334.1	349.7	360.8	373.5	382.3	386.6	388.0	396.9	405.3
62.5°	333.4	359.4	381.1	399.1	413.5	425.5	435.4	440.9	441.8	448.4	458.1
60°	378.9	405.6	431.4	453.0	468.4	480.8	491.5	497.4	498.5	501.2	512.2
57.5°	426.4	455.1	485.4	509.6	527.5	537.8	549.4	555.9	558.5	556.9	568.3
55°	478.0	508.0	542.0	570.2	589.4	598.7	609.6	618.9	622.1	620.0	626.8
52.5°	536.5	566.4	602.7	633.7	655.1	666.3	673.9	685.1	690.2	687.9	686.6
50°	598.1	635.5	665.5	701.0	726.8	741.5	741.7	755.6	762.3	760.3	751.1
47.5°	667.6	709.9	732.6	773.2	806.8	824.1	825.3	830.8	839.1	841.3	833.4
45°	742.8	794.4	818.8	855.1	892.7	913.9	920.3	910.3	925.1	929.7	924.8
42.5°	822.0	887.8	926.3	941.0	984.8	1014.3	1025.7	1018.7	1017.9	1028.3	1028.1
40°	913.4	989.0	1046.9	1062.2	1084.3	1125.0	1149.1	1147.8	1120.8	1140.1	1145.1
37.5°	1011.2	1109.4	1181.0	1212.9	1196.1	1250.3	1285.7	1300.0	1283.1	1264.2	1285.8
35°	1114.1	1238.2	1334.7	1389.0	1391.4	1390.1	1445.4	1475.1	1477.1	1442.4	1450.3
32.5°	1229.2	1374.9	1502.8	1590.5	1630.4	1605.7	1620.2	1682.4	1712.9	1699.7	1649.9
30°	1352.9	1531.7	1688.4	1812.2	1901.3	1927.6	1868.2	1916.8	1984.4	2011.4	1989.7
27.5°	1478.0	1697.9	1896.7	2068.4	2206.4	2293.9	2296.0	2220.9	2297.6	2362.6	2387.8
25°	1605.0	1864.3	2117.6	2350.3	2559.2	2709.6	2778.8	2786.9	2679.6	2777.1	2867.9
22.5°	1740.4	2035.5	2336.1	2650.5	2941.6	3162.5	3330.3	3431.4	3428.0	3325.7	3405.6
20°	1883.7	2221.9	2571.8	2944.9	3341.9	3645.4	3926.6	4141.7	4271.2	4314.2	4230.4
17.5°	2026.7	2409.9	2819.4	3263.6	3723.0	4143.8	4565.3	4908.4	5180.3	5403.5	5483.4
15°	2167.9	2597.4	3067.8	3584.6	4115.4	4642.2	5184.0	5709.6	6172.2	6580.7	6822.8
12.5°	2305.9	2782.4	3314.4	3904.1	4513.3	5147.3	5793.9	6434.1	7100.7	7762.3	8265.1
10°	2438.9	2962.5	3555.8	4218.0	4910.9	5652.4	6402.7	7162.5	7972.2	8752.5	9503.6
7.5°	2495.8	3080.3	3763.8	4522.0	5301.7	6149.6	7002.2	7884.3	8830.4	9740.9	10658.1
5°	2530.9	3127.1	3822.3	4612.2	5479.5	6474.1	7491.4	8584.1	9663.7	10712.0	11792.8
2.5°	2554.2	3159.1	3861.3	4647.9	5506.0	6527.4	7557.5	8692.1	9903.4	11115.4	12402.1
0°	2565.7	3176.0	3880.7	4658.7	5502.6	6544.6	7583.0	8753.5	9981.1	11214.0	12530.7
-2.5°	2554.2	3159.1	3861.3	4647.9	5506.0	6527.4	7557.5	8692.1	9903.4	11115.4	12402.1
-5°	2530.9	3127.1	3822.3	4612.2	5479.5	6474.1	7491.4	8584.1	9663.7	10712.0	11792.8
-7.5°	2495.8	3080.3	3763.8	4522.0	5301.7	6149.6	7002.2	7884.3	8830.4	9740.9	10658.1
-10°	2438.9	2962.5	3555.8	4218.0	4910.9	5652.4	6402.7	7162.5	7972.2	8752.5	9503.6
-12.5°	2305.9	2782.4	3314.4	3904.1	4513.3	5147.3	5793.9	6434.1	7100.7	7762.3	8265.1
-15°	2167.9	2597.4	3067.8	3584.6	4115.4	4642.2	5184.0	5709.6	6172.2	6580.7	6822.8
-17.5°	2026.7	2409.9	2819.4	3263.6	3723.0	4143.8	4565.3	4908.4	5180.3	5403.5	5483.4
-20°	1883.7	2221.9	2571.8	2944.9	3341.9	3645.4	3926.6	4141.7	4271.2	4314.2	4230.4



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 CATALOG NUMBER: GFLD-SA6B-927-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°	1740.4	2035.5	2336.1	2650.5	2941.6	3162.5	3330.3	3431.4	3428.0	3325.7	3405.6
-25°	1605.0	1864.3	2117.6	2350.3	2559.2	2709.6	2778.8	2786.9	2679.6	2777.1	2867.9
-27.5°	1478.0	1697.9	1896.7	2068.4	2206.4	2293.9	2296.0	2220.9	2297.6	2362.6	2387.8
-30°	1352.9	1531.7	1688.4	1812.2	1901.3	1927.6	1868.2	1916.8	1984.4	2011.4	1989.7
-32.5°	1229.2	1374.9	1502.8	1590.5	1630.4	1605.7	1620.2	1682.4	1712.9	1699.7	1649.9
-35°	1114.1	1238.2	1334.7	1389.0	1391.4	1390.1	1445.4	1475.1	1477.1	1442.4	1450.3
-37.5°	1011.2	1109.4	1181.0	1212.9	1196.1	1250.3	1285.7	1300.0	1283.1	1264.2	1285.8
-40°	913.4	989.0	1046.9	1062.2	1084.3	1125.0	1149.1	1147.8	1120.8	1140.1	1145.1
-42.5°	822.0	887.8	926.3	941.0	984.8	1014.3	1025.7	1018.7	1017.9	1028.3	1028.1
-45°	742.8	794.4	818.8	855.1	892.7	913.9	920.3	910.3	925.1	929.7	924.8
-47.5°	667.6	709.9	732.6	773.2	806.8	824.1	825.3	830.8	839.1	841.3	833.4
-50°	598.1	635.5	665.5	701.0	726.8	741.5	741.7	755.6	762.3	760.3	751.1
-52.5°	536.5	566.4	602.7	633.7	655.1	666.3	673.9	685.1	690.2	687.9	686.6
-55°	478.0	508.0	542.0	570.2	589.4	598.7	609.6	618.9	622.1	620.0	626.8
-57.5°	426.4	455.1	485.4	509.6	527.5	537.8	549.4	555.9	558.5	556.9	568.3
-60°	378.9	405.6	431.4	453.0	468.4	480.8	491.5	497.4	498.5	501.2	512.2
-62.5°	333.4	359.4	381.1	399.1	413.5	425.5	435.4	440.9	441.8	448.4	458.1
-65°	290.7	314.3	334.1	349.7	360.8	373.5	382.3	386.6	388.0	396.9	405.3
-67.5°	248.8	270.8	288.7	302.6	313.6	323.9	331.7	336.9	339.1	347.3	354.1
-70°	213.3	228.7	244.8	257.9	267.9	276.3	283.2	288.0	292.9	301.0	307.0
-72.5°	179.0	192.4	204.3	214.5	223.8	230.9	236.2	239.7	245.1	253.1	259.5
-75°	146.4	156.4	166.4	175.1	182.1	187.2	190.9	194.0	199.4	206.2	212.1
-77.5°	115.1	123.3	130.5	136.7	141.8	146.3	149.4	151.4	155.9	161.1	165.7
-80°	84.9	90.3	95.9	100.7	105.5	109.0	111.3	112.2	115.0	118.6	122.3
-82.5°	56.8	61.6	65.4	68.2	71.5	74.4	76.8	78.9	81.2	83.2	85.0
-85°	30.9	33.0	36.5	39.4	42.1	44.5	46.4	48.1	49.8	51.2	52.3
-87.5°	15.4	16.5	17.5	18.4	19.3	20.1	20.8	21.4	22.3	23.2	24.0
-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):**

	-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°	24.8	24.4	24.0	23.4	22.7	22.7	22.6	22.6	22.4	22.2	22.0
85°	53.1	54.1	55.1	56.0	56.9	57.8	58.6	59.2	59.7	59.7	59.5
82.5°	86.5	89.4	92.2	95.0	97.5	98.9	99.9	100.6	101.0	101.8	102.4
80°	125.5	129.8	133.7	137.0	139.6	141.6	143.2	144.5	145.4	146.5	147.2
77.5°	169.9	174.6	179.1	183.1	186.5	189.7	192.4	194.6	196.2	198.7	200.9
75°	216.9	222.3	227.9	232.9	237.3	242.0	246.7	250.9	254.7	257.9	260.3
72.5°	264.5	270.1	277.1	283.5	289.4	295.7	302.0	307.4	312.1	316.6	320.6
70°	311.6	316.9	325.7	334.3	342.2	349.8	357.3	364.1	370.0	375.8	381.0
67.5°	360.1	365.7	376.7	386.6	395.5	403.8	412.5	420.3	427.1	433.2	438.4
65°	411.9	416.8	428.7	439.6	449.0	456.8	466.2	474.7	482.3	489.0	494.6
62.5°	465.5	470.4	480.2	490.9	499.8	507.4	518.5	528.1	536.2	543.0	548.6
60°	519.9	524.1	531.7	543.4	553.5	561.7	571.4	580.7	588.6	595.3	601.3
57.5°	576.3	580.6	584.3	596.1	605.7	613.2	621.7	630.8	638.5	644.8	650.9
55°	634.7	637.9	636.8	647.7	656.7	662.8	669.2	678.8	686.4	692.0	697.7
52.5°	694.3	698.2	695.5	700.1	709.9	715.4	718.1	728.6	736.4	741.4	746.6
50°	760.7	763.8	761.4	758.8	768.3	774.0	775.6	784.0	791.1	795.0	798.6
47.5°	832.7	836.6	834.7	824.2	832.7	839.9	840.1	843.7	851.0	854.0	856.2
45°	911.1	918.5	916.9	909.6	908.4	915.8	915.1	912.2	920.7	924.4	925.6
42.5°	1013.8	1011.4	1013.7	1009.5	996.6	1004.9	1005.9	995.4	1006.0	1010.6	1007.9
40°	1139.6	1116.6	1129.3	1127.4	1115.3	1113.5	1120.0	1111.4	1113.0	1119.6	1114.6
37.5°	1289.2	1272.8	1266.0	1271.6	1268.1	1252.6	1264.9	1261.9	1252.1	1263.1	1258.3
35°	1473.4	1468.5	1431.6	1454.1	1458.7	1444.0	1448.3	1454.6	1433.4	1450.1	1448.4
32.5°	1688.9	1699.8	1691.9	1678.0	1699.0	1701.6	1677.3	1706.5	1694.8	1699.0	1710.5
30°	1932.8	1988.8	2016.1	1991.7	2004.8	2030.8	2018.9	2039.2	2048.9	2033.7	2062.5
27.5°	2359.0	2339.1	2404.4	2432.8	2402.4	2450.0	2484.5	2469.2	2519.6	2489.8	2532.4
25°	2900.6	2871.4	2888.9	2982.8	3003.7	2979.5	3076.8	3088.2	3128.3	3133.2	3162.9
22.5°	3536.9	3607.3	3599.1	3627.7	3745.7	3785.1	3821.0	3914.6	3893.2	3978.0	3992.8
20°	4248.4	4425.4	4547.4	4573.0	4623.4	4759.0	4821.2	4895.0	4944.5	5024.8	5092.7
17.5°	5452.1	5361.3	5600.5	5750.8	5829.8	5858.0	6021.3	6074.6	6197.2	6267.3	6336.9
15°	6997.4	7050.3	6942.3	7085.5	7327.5	7409.2	7315.3	7534.6	7596.2	7714.3	7735.2
12.5°	8649.2	8916.6	9047.6	9083.3	8956.8	9301.0	9438.9	9265.8	9462.1	9426.7	9588.2
10°	10225.2	10874.9	11263.8	11537.4	11703.7	11803.8	11903.4	12082.2	12085.3	12217.9	12140.5
7.5°	11519.2	12342.8	13129.7	13893.1	14503.7	14846.0	15114.8	15372.6	15716.5	15881.3	15988.4
5°	12785.1	13735.4	14677.0	15602.3	16440.2	17246.4	18036.5	18721.8	19085.0	19509.5	19887.9
2.5°	13603.9	14805.9	16008.4	17199.4	18167.6	19056.0	19878.4	20642.2	21312.1	21932.0	22455.4
0°	13763.7	15109.0	16363.3	17551.6	18641.8	19739.1	20697.2	21560.8	22290.6	22948.9	23393.2
-2.5°	13603.9	14805.9	16008.4	17199.4	18167.6	19056.0	19878.4	20642.2	21312.1	21932.0	22455.4
-5°	12785.1	13735.4	14677.0	15602.3	16440.2	17246.4	18036.5	18721.8	19085.0	19509.5	19887.9
-7.5°	11519.2	12342.8	13129.7	13893.1	14503.7	14846.0	15114.8	15372.6	15716.5	15881.3	15988.4
-10°	10225.2	10874.9	11263.8	11537.4	11703.7	11803.8	11903.4	12082.2	12085.3	12217.9	12140.5
-12.5°	8649.2	8916.6	9047.6	9083.3	8956.8	9301.0	9438.9	9265.8	9462.1	9426.7	9588.2
-15°	6997.4	7050.3	6942.3	7085.5	7327.5	7409.2	7315.3	7534.6	7596.2	7714.3	7735.2
-17.5°	5452.1	5361.3	5600.5	5750.8	5829.8	5858.0	6021.3	6074.6	6197.2	6267.3	6336.9
-20°	4248.4	4425.4	4547.4	4573.0	4623.4	4759.0	4821.2	4895.0	4944.5	5024.8	5092.7



REPORT NUMBER: P559134 (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°	3536.9	3607.3	3599.1	3627.7	3745.7	3785.1	3821.0	3914.6	3893.2	3978.0	3992.8
-25°	2900.6	2871.4	2888.9	2982.8	3003.7	2979.5	3076.8	3088.2	3128.3	3133.2	3162.9
-27.5°	2359.0	2339.1	2404.4	2432.8	2402.4	2450.0	2484.5	2469.2	2519.6	2489.8	2532.4
-30°	1932.8	1988.8	2016.1	1991.7	2004.8	2030.8	2018.9	2039.2	2048.9	2033.7	2062.5
-32.5°	1688.9	1699.8	1691.9	1678.0	1699.0	1701.6	1677.3	1706.5	1694.8	1699.0	1710.5
-35°	1473.4	1468.5	1431.6	1454.1	1458.7	1444.0	1448.3	1454.6	1433.4	1450.1	1448.4
-37.5°	1289.2	1272.8	1266.0	1271.6	1268.1	1252.6	1264.9	1261.9	1252.1	1263.1	1258.3
-40°	1139.6	1116.6	1129.3	1127.4	1115.3	1113.5	1120.0	1111.4	1113.0	1119.6	1114.6
-42.5°	1013.8	1011.4	1013.7	1009.5	996.6	1004.9	1005.9	995.4	1006.0	1010.6	1007.9
-45°	911.1	918.5	916.9	909.6	908.4	915.8	915.1	912.2	920.7	924.4	925.6
-47.5°	832.7	836.6	834.7	824.2	832.7	839.9	840.1	843.7	851.0	854.0	856.2
-50°	760.7	763.8	761.4	758.8	768.3	774.0	775.6	784.0	791.1	795.0	798.6
-52.5°	694.3	698.2	695.5	700.1	709.9	715.4	718.1	728.6	736.4	741.4	746.6
-55°	634.7	637.9	636.8	647.7	656.7	662.8	669.2	678.8	686.4	692.0	697.7
-57.5°	576.3	580.6	584.3	596.1	605.7	613.2	621.7	630.8	638.5	644.8	650.9
-60°	519.9	524.1	531.7	543.4	553.5	561.7	571.4	580.7	588.6	595.3	601.3
-62.5°	465.5	470.4	480.2	490.9	499.8	507.4	518.5	528.1	536.2	543.0	548.6
-65°	411.9	416.8	428.7	439.6	449.0	456.8	466.2	474.7	482.3	489.0	494.6
-67.5°	360.1	365.7	376.7	386.6	395.5	403.8	412.5	420.3	427.1	433.2	438.4
-70°	311.6	316.9	325.7	334.3	342.2	349.8	357.3	364.1	370.0	375.8	381.0
-72.5°	264.5	270.1	277.1	283.5	289.4	295.7	302.0	307.4	312.1	316.6	320.6
-75°	216.9	222.3	227.9	232.9	237.3	242.0	246.7	250.9	254.7	257.9	260.3
-77.5°	169.9	174.6	179.1	183.1	186.5	189.7	192.4	194.6	196.2	198.7	200.9
-80°	125.5	129.8	133.7	137.0	139.6	141.6	143.2	144.5	145.4	146.5	147.2
-82.5°	86.5	89.4	92.2	95.0	97.5	98.9	99.9	100.6	101.0	101.8	102.4
-85°	53.1	54.1	55.1	56.0	56.9	57.8	58.6	59.2	59.7	59.7	59.5
-87.5°	24.8	24.4	24.0	23.4	22.7	22.7	22.6	22.6	22.4	22.2	22.0
-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):**

	-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°	21.7	21.3	22.3	23.2	22.3	21.3	21.7	22.0	22.2	22.4	22.6
85°	59.1	58.6	59.7	60.7	59.7	58.6	59.1	59.5	59.7	59.7	59.2
82.5°	102.8	103.0	103.4	103.5	103.4	103.0	102.8	102.4	101.8	101.0	100.6
80°	147.5	147.4	147.0	146.3	147.0	147.4	147.5	147.2	146.5	145.4	144.5
77.5°	202.8	204.1	204.9	205.2	204.9	204.1	202.8	200.9	198.7	196.2	194.6
75°	261.9	262.8	262.9	262.3	262.9	262.8	261.9	260.3	257.9	254.7	250.9
72.5°	323.9	326.5	327.0	326.5	327.0	326.5	323.9	320.6	316.6	312.1	307.4
70°	385.2	388.6	388.6	387.2	388.6	388.6	385.2	381.0	375.8	370.0	364.1
67.5°	442.6	445.7	448.1	449.6	448.1	445.7	442.6	438.4	433.2	427.1	420.3
65°	499.1	502.5	504.3	504.9	504.3	502.5	499.1	494.6	489.0	482.3	474.7
62.5°	553.0	556.1	557.9	558.5	557.9	556.1	553.0	548.6	543.0	536.2	528.1
60°	606.0	609.3	609.8	608.4	609.8	609.3	606.0	601.3	595.3	588.6	580.7
57.5°	655.8	659.2	659.1	656.6	659.1	659.2	655.8	650.9	644.8	638.5	630.8
55°	701.7	704.2	705.2	704.8	705.2	704.2	701.7	697.7	692.0	686.4	678.8
52.5°	750.4	752.4	753.3	753.0	753.3	752.4	750.4	746.6	741.4	736.4	728.6
50°	801.2	801.5	801.4	801.1	801.4	801.5	801.2	798.6	795.0	791.1	784.0
47.5°	859.3	859.9	860.0	860.0	860.0	859.9	859.3	856.2	854.0	851.0	843.7
45°	928.0	926.1	924.1	924.2	924.1	926.1	928.0	925.6	924.4	920.7	912.2
42.5°	1010.4	1008.2	1005.7	1006.3	1005.7	1008.2	1010.4	1007.9	1010.6	1006.0	995.4
40°	1118.9	1118.3	1114.7	1113.4	1114.7	1118.3	1118.9	1114.6	1119.6	1113.0	1111.4
37.5°	1259.1	1257.0	1248.9	1245.4	1248.9	1257.0	1259.1	1258.3	1263.1	1252.1	1261.9
35°	1443.4	1440.7	1428.2	1429.2	1428.2	1440.7	1443.4	1448.4	1450.1	1433.4	1454.6
32.5°	1704.7	1705.7	1686.8	1682.5	1686.8	1705.7	1704.7	1710.5	1699.0	1694.8	1706.5
30°	2044.6	2052.0	2029.9	2039.4	2029.9	2052.0	2044.6	2062.5	2033.7	2048.9	2039.2
27.5°	2531.6	2545.9	2526.3	2510.4	2526.3	2545.9	2531.6	2532.4	2489.8	2519.6	2469.2
25°	3202.0	3212.6	3190.2	3170.6	3190.2	3212.6	3202.0	3162.9	3133.2	3128.3	3088.2
22.5°	4074.6	4073.9	4072.8	4103.8	4072.8	4073.9	4074.6	3992.8	3978.0	3893.2	3914.6
20°	5136.6	5110.8	5149.4	5174.3	5149.4	5110.8	5136.6	5092.7	5024.8	4944.5	4895.0
17.5°	6353.1	6401.3	6438.3	6500.0	6438.3	6401.3	6353.1	6336.9	6267.3	6197.2	6074.6
15°	7787.6	7860.3	7897.3	7877.4	7897.3	7860.3	7787.6	7735.2	7714.3	7596.2	7534.6
12.5°	9593.9	9680.8	9616.7	9536.8	9616.7	9680.8	9593.9	9588.2	9426.7	9462.1	9265.8
10°	12141.7	12328.6	12339.1	12182.8	12339.1	12328.6	12141.7	12140.5	12217.9	12085.3	12082.2
7.5°	16050.6	16141.5	16279.5	16286.6	16279.5	16141.5	16050.6	15988.4	15881.3	15716.5	15372.6
5°	20059.4	20301.5	20457.7	20727.6	20457.7	20301.5	20059.4	19887.9	19509.5	19085.0	18721.8
2.5°	22793.4	23106.4	23226.5	23532.4	23226.5	23106.4	22793.4	22455.4	21932.0	21312.1	20642.2
0°	23789.3	24042.7	24194.4	24315.7	24194.4	24042.7	23789.3	23393.2	22948.9	22290.6	21560.8
-2.5°	22793.4	23106.4	23226.5	23532.4	23226.5	23106.4	22793.4	22455.4	21932.0	21312.1	20642.2
-5°	20059.4	20301.5	20457.7	20727.6	20457.7	20301.5	20059.4	19887.9	19509.5	19085.0	18721.8
-7.5°	16050.6	16141.5	16279.5	16286.6	16279.5	16141.5	16050.6	15988.4	15881.3	15716.5	15372.6
-10°	12141.7	12328.6	12339.1	12182.8	12339.1	12328.6	12141.7	12140.5	12217.9	12085.3	12082.2
-12.5°	9593.9	9680.8	9616.7	9536.8	9616.7	9680.8	9593.9	9588.2	9426.7	9462.1	9265.8
-15°	7787.6	7860.3	7897.3	7877.4	7897.3	7860.3	7787.6	7735.2	7714.3	7596.2	7534.6
-17.5°	6353.1	6401.3	6438.3	6500.0	6438.3	6401.3	6353.1	6336.9	6267.3	6197.2	6074.6
-20°	5136.6	5110.8	5149.4	5174.3	5149.4	5110.8	5136.6	5092.7	5024.8	4944.5	4895.0



REPORT NUMBER: P559134 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4074.6	4073.9	4072.8	4103.8	4072.8	4073.9	4074.6	3992.8	3978.0	3893.2	3914.6
-25°	3202.0	3212.6	3190.2	3170.6	3190.2	3212.6	3202.0	3162.9	3133.2	3128.3	3088.2
-27.5°	2531.6	2545.9	2526.3	2510.4	2526.3	2545.9	2531.6	2532.4	2489.8	2519.6	2469.2
-30°	2044.6	2052.0	2029.9	2039.4	2029.9	2052.0	2044.6	2062.5	2033.7	2048.9	2039.2
-32.5°	1704.7	1705.7	1686.8	1682.5	1686.8	1705.7	1704.7	1710.5	1699.0	1694.8	1706.5
-35°	1443.4	1440.7	1428.2	1429.2	1428.2	1440.7	1443.4	1448.4	1450.1	1433.4	1454.6
-37.5°	1259.1	1257.0	1248.9	1245.4	1248.9	1257.0	1259.1	1258.3	1263.1	1252.1	1261.9
-40°	1118.9	1118.3	1114.7	1113.4	1114.7	1118.3	1118.9	1114.6	1119.6	1113.0	1111.4
-42.5°	1010.4	1008.2	1005.7	1006.3	1005.7	1008.2	1010.4	1007.9	1010.6	1006.0	995.4
-45°	928.0	926.1	924.1	924.2	924.1	926.1	928.0	925.6	924.4	920.7	912.2
-47.5°	859.3	859.9	860.0	860.0	860.0	859.9	859.3	856.2	854.0	851.0	843.7
-50°	801.2	801.5	801.4	801.1	801.4	801.5	801.2	798.6	795.0	791.1	784.0
-52.5°	750.4	752.4	753.3	753.0	753.3	752.4	750.4	746.6	741.4	736.4	728.6
-55°	701.7	704.2	705.2	704.8	705.2	704.2	701.7	697.7	692.0	686.4	678.8
-57.5°	655.8	659.2	659.1	656.6	659.1	659.2	655.8	650.9	644.8	638.5	630.8
-60°	606.0	609.3	609.8	608.4	609.8	609.3	606.0	601.3	595.3	588.6	580.7
-62.5°	553.0	556.1	557.9	558.5	557.9	556.1	553.0	548.6	543.0	536.2	528.1
-65°	499.1	502.5	504.3	504.9	504.3	502.5	499.1	494.6	489.0	482.3	474.7
-67.5°	442.6	445.7	448.1	449.6	448.1	445.7	442.6	438.4	433.2	427.1	420.3
-70°	385.2	388.6	388.6	387.2	388.6	388.6	385.2	381.0	375.8	370.0	364.1
-72.5°	323.9	326.5	327.0	326.5	327.0	326.5	323.9	320.6	316.6	312.1	307.4
-75°	261.9	262.8	262.9	262.3	262.9	262.8	261.9	260.3	257.9	254.7	250.9
-77.5°	202.8	204.1	204.9	205.2	204.9	204.1	202.8	200.9	198.7	196.2	194.6
-80°	147.5	147.4	147.0	146.3	147.0	147.4	147.5	147.2	146.5	145.4	144.5
-82.5°	102.8	103.0	103.4	103.5	103.4	103.0	102.8	102.4	101.8	101.0	100.6
-85°	59.1	58.6	59.7	60.7	59.7	58.6	59.1	59.5	59.7	59.7	59.2
-87.5°	21.7	21.3	22.3	23.2	22.3	21.3	21.7	22.0	22.2	22.4	22.6
-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: P559134 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-927-U-NAT-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°	22.6	22.7	22.7	23.4	24.0	24.4	24.8	24.0	23.2	22.3	21.4
85°	58.6	57.8	56.9	56.0	55.1	54.1	53.1	52.3	51.2	49.8	48.1
82.5°	99.9	98.9	97.5	95.0	92.2	89.4	86.5	85.0	83.2	81.2	78.9
80°	143.2	141.6	139.6	137.0	133.7	129.8	125.5	122.3	118.6	115.0	112.2
77.5°	192.4	189.7	186.5	183.1	179.1	174.6	169.9	165.7	161.1	155.9	151.4
75°	246.7	242.0	237.3	232.9	227.9	222.3	216.9	212.1	206.2	199.4	194.0
72.5°	302.0	295.7	289.4	283.5	277.1	270.1	264.5	259.5	253.1	245.1	239.7
70°	357.3	349.8	342.2	334.3	325.7	316.9	311.6	307.0	301.0	292.9	288.0
67.5°	412.5	403.8	395.5	386.6	376.7	365.7	360.1	354.1	347.3	339.1	336.9
65°	466.2	456.8	449.0	439.6	428.7	416.8	411.9	405.3	396.9	388.0	386.6
62.5°	518.5	507.4	499.8	490.9	480.2	470.4	465.5	458.1	448.4	441.8	440.9
60°	571.4	561.7	553.5	543.4	531.7	524.1	519.9	512.2	501.2	498.5	497.4
57.5°	621.7	613.2	605.7	596.1	584.3	580.6	576.3	568.3	556.9	558.5	555.9
55°	669.2	662.8	656.7	647.7	636.8	637.9	634.7	626.8	620.0	622.1	618.9
52.5°	718.1	715.4	709.9	700.1	695.5	698.2	694.3	686.6	687.9	690.2	685.1
50°	775.6	774.0	768.3	758.8	761.4	763.8	760.7	751.1	760.3	762.3	755.6
47.5°	840.1	839.9	832.7	824.2	834.7	836.6	832.7	833.4	841.3	839.1	830.8
45°	915.1	915.8	908.4	909.6	916.9	918.5	911.1	924.8	929.7	925.1	910.3
42.5°	1005.9	1004.9	996.6	1009.5	1013.7	1011.4	1013.8	1028.1	1028.3	1017.9	1018.7
40°	1120.0	1113.5	1115.3	1127.4	1129.3	1116.6	1139.6	1145.1	1140.1	1120.8	1147.8
37.5°	1264.9	1252.6	1268.1	1271.6	1266.0	1272.8	1289.2	1285.8	1264.2	1283.1	1300.0
35°	1448.3	1444.0	1458.7	1454.1	1431.6	1468.5	1473.4	1450.3	1442.4	1477.1	1475.1
32.5°	1677.3	1701.6	1699.0	1678.0	1691.9	1699.8	1688.9	1649.9	1699.7	1712.9	1682.4
30°	2018.9	2030.8	2004.8	1991.7	2016.1	1988.8	1932.8	1989.7	2011.4	1984.4	1916.8
27.5°	2484.5	2450.0	2402.4	2432.8	2404.4	2339.1	2359.0	2387.8	2362.6	2297.6	2220.9
25°	3076.8	2979.5	3003.7	2982.8	2888.9	2871.4	2900.6	2867.9	2777.1	2679.6	2786.9
22.5°	3821.0	3785.1	3745.7	3627.7	3599.1	3607.3	3536.9	3405.6	3325.7	3428.0	3431.4
20°	4821.2	4759.0	4623.4	4573.0	4547.4	4425.4	4248.4	4230.4	4314.2	4271.2	4141.7
17.5°	6021.3	5858.0	5829.8	5750.8	5600.5	5361.3	5452.1	5483.4	5403.5	5180.3	4908.4
15°	7315.3	7409.2	7327.5	7085.5	6942.3	7050.3	6997.4	6822.8	6580.7	6172.2	5709.6
12.5°	9438.9	9301.0	8956.8	9083.3	9047.6	8916.6	8649.2	8265.1	7762.3	7100.7	6434.1
10°	11903.4	11803.8	11703.7	11537.4	11263.8	10874.9	10225.2	9503.6	8752.5	7972.2	7162.5
7.5°	15114.8	14846.0	14503.7	13893.1	13129.7	12342.8	11519.2	10658.1	9740.9	8830.4	7884.3
5°	18036.5	17246.4	16440.2	15602.3	14677.0	13735.4	12785.1	11792.8	10712.0	9663.7	8584.1
2.5°	19878.4	19056.0	18167.6	17199.4	16008.4	14805.9	13603.9	12402.1	11115.4	9903.4	8692.1
0°	20697.2	19739.1	18641.8	17551.6	16363.3	15109.0	13763.7	12530.7	11214.0	9981.1	8753.5
-2.5°	19878.4	19056.0	18167.6	17199.4	16008.4	14805.9	13603.9	12402.1	11115.4	9903.4	8692.1
-5°	18036.5	17246.4	16440.2	15602.3	14677.0	13735.4	12785.1	11792.8	10712.0	9663.7	8584.1
-7.5°	15114.8	14846.0	14503.7	13893.1	13129.7	12342.8	11519.2	10658.1	9740.9	8830.4	7884.3
-10°	11903.4	11803.8	11703.7	11537.4	11263.8	10874.9	10225.2	9503.6	8752.5	7972.2	7162.5
-12.5°	9438.9	9301.0	8956.8	9083.3	9047.6	8916.6	8649.2	8265.1	7762.3	7100.7	6434.1
-15°	7315.3	7409.2	7327.5	7085.5	6942.3	7050.3	6997.4	6822.8	6580.7	6172.2	5709.6
-17.5°	6021.3	5858.0	5829.8	5750.8	5600.5	5361.3	5452.1	5483.4	5403.5	5180.3	4908.4
-20°	4821.2	4759.0	4623.4	4573.0	4547.4	4425.4	4248.4	4230.4	4314.2	4271.2	4141.7



REPORT NUMBER: P559134 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3821.0	3785.1	3745.7	3627.7	3599.1	3607.3	3536.9	3405.6	3325.7	3428.0	3431.4
-25°	3076.8	2979.5	3003.7	2982.8	2888.9	2871.4	2900.6	2867.9	2777.1	2679.6	2786.9
-27.5°	2484.5	2450.0	2402.4	2432.8	2404.4	2339.1	2359.0	2387.8	2362.6	2297.6	2220.9
-30°	2018.9	2030.8	2004.8	1991.7	2016.1	1988.8	1932.8	1989.7	2011.4	1984.4	1916.8
-32.5°	1677.3	1701.6	1699.0	1678.0	1691.9	1699.8	1688.9	1649.9	1699.7	1712.9	1682.4
-35°	1448.3	1444.0	1458.7	1454.1	1431.6	1468.5	1473.4	1450.3	1442.4	1477.1	1475.1
-37.5°	1264.9	1252.6	1268.1	1271.6	1266.0	1272.8	1289.2	1285.8	1264.2	1283.1	1300.0
-40°	1120.0	1113.5	1115.3	1127.4	1129.3	1116.6	1139.6	1145.1	1140.1	1120.8	1147.8
-42.5°	1005.9	1004.9	996.6	1009.5	1013.7	1011.4	1013.8	1028.1	1028.3	1017.9	1018.7
-45°	915.1	915.8	908.4	909.6	916.9	918.5	911.1	924.8	929.7	925.1	910.3
-47.5°	840.1	839.9	832.7	824.2	834.7	836.6	832.7	833.4	841.3	839.1	830.8
-50°	775.6	774.0	768.3	758.8	761.4	763.8	760.7	751.1	760.3	762.3	755.6
-52.5°	718.1	715.4	709.9	700.1	695.5	698.2	694.3	686.6	687.9	690.2	685.1
-55°	669.2	662.8	656.7	647.7	636.8	637.9	634.7	626.8	620.0	622.1	618.9
-57.5°	621.7	613.2	605.7	596.1	584.3	580.6	576.3	568.3	556.9	558.5	555.9
-60°	571.4	561.7	553.5	543.4	531.7	524.1	519.9	512.2	501.2	498.5	497.4
-62.5°	518.5	507.4	499.8	490.9	480.2	470.4	465.5	458.1	448.4	441.8	440.9
-65°	466.2	456.8	449.0	439.6	428.7	416.8	411.9	405.3	396.9	388.0	386.6
-67.5°	412.5	403.8	395.5	386.6	376.7	365.7	360.1	354.1	347.3	339.1	336.9
-70°	357.3	349.8	342.2	334.3	325.7	316.9	311.6	307.0	301.0	292.9	288.0
-72.5°	302.0	295.7	289.4	283.5	277.1	270.1	264.5	259.5	253.1	245.1	239.7
-75°	246.7	242.0	237.3	232.9	227.9	222.3	216.9	212.1	206.2	199.4	194.0
-77.5°	192.4	189.7	186.5	183.1	179.1	174.6	169.9	165.7	161.1	155.9	151.4
-80°	143.2	141.6	139.6	137.0	133.7	129.8	125.5	122.3	118.6	115.0	112.2
-82.5°	99.9	98.9	97.5	95.0	92.2	89.4	86.5	85.0	83.2	81.2	78.9
-85°	58.6	57.8	56.9	56.0	55.1	54.1	53.1	52.3	51.2	49.8	48.1
-87.5°	22.6	22.7	22.7	23.4	24.0	24.4	24.8	24.0	23.2	22.3	21.4
-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: P559134 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-927-U-NAT-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°	20.8	20.1	19.3	18.4	17.5	16.5	15.4	14.3	13.3	12.2	11.0
85°	46.4	44.5	42.1	39.4	36.5	33.0	30.9	28.6	26.6	24.4	22.0
82.5°	76.8	74.4	71.5	68.2	65.4	61.6	56.8	51.0	44.5	37.4	33.0
80°	111.3	109.0	105.5	100.7	95.9	90.3	84.9	78.1	69.9	60.7	50.7
77.5°	149.4	146.3	141.8	136.7	130.5	123.3	115.1	105.7	95.2	84.1	71.8
75°	190.9	187.2	182.1	175.1	166.4	156.4	146.4	135.3	122.5	107.6	92.9
72.5°	236.2	230.9	223.8	214.5	204.3	192.4	179.0	165.0	150.7	134.0	114.7
70°	283.2	276.3	267.9	257.9	244.8	228.7	213.3	197.5	179.1	160.3	138.8
67.5°	331.7	323.9	313.6	302.6	288.7	270.8	248.8	231.0	211.3	186.8	162.9
65°	382.3	373.5	360.8	349.7	334.1	314.3	290.7	267.0	243.8	217.3	186.9
62.5°	435.4	425.5	413.5	399.1	381.1	359.4	333.4	308.1	277.7	248.0	213.8
60°	491.5	480.8	468.4	453.0	431.4	405.6	378.9	349.4	316.3	278.8	241.9
57.5°	549.4	537.8	527.5	509.6	485.4	455.1	426.4	394.1	354.9	313.2	270.0
55°	609.6	598.7	589.4	570.2	542.0	508.0	478.0	441.3	395.0	348.5	297.9
52.5°	673.9	666.3	655.1	633.7	602.7	566.4	536.5	489.7	440.4	383.7	329.2
50°	741.7	741.5	726.8	701.0	665.5	635.5	598.1	547.4	486.6	420.9	361.1
47.5°	825.3	824.1	806.8	773.2	732.6	709.9	667.6	608.0	533.5	463.4	393.1
45°	920.3	913.9	892.7	855.1	818.8	794.4	742.8	670.8	590.7	506.9	425.2
42.5°	1025.7	1014.3	984.8	941.0	926.3	887.8	822.0	742.3	649.4	550.4	460.8
40°	1149.1	1125.0	1084.3	1062.2	1046.9	989.0	913.4	817.5	709.1	596.9	498.4
37.5°	1285.7	1250.3	1196.1	1212.9	1181.0	1109.4	1011.2	895.2	771.7	649.6	535.6
35°	1445.4	1390.1	1391.4	1389.0	1334.7	1238.2	1114.1	979.3	841.0	702.0	572.3
32.5°	1620.2	1605.7	1630.4	1590.5	1502.8	1374.9	1229.2	1071.9	911.2	754.1	608.3
30°	1868.2	1927.6	1901.3	1812.2	1688.4	1531.7	1352.9	1166.6	982.1	805.7	645.4
27.5°	2296.0	2293.9	2206.4	2068.4	1896.7	1697.9	1478.0	1263.0	1053.2	859.6	687.4
25°	2778.8	2709.6	2559.2	2350.3	2117.6	1864.3	1605.0	1360.9	1130.6	917.7	728.1
22.5°	3330.3	3162.5	2941.6	2650.5	2336.1	2035.5	1740.4	1467.9	1210.6	974.8	767.4
20°	3926.6	3645.4	3341.9	2944.9	2571.8	2221.9	1883.7	1574.0	1289.5	1030.3	805.1
17.5°	4565.3	4143.8	3723.0	3263.6	2819.4	2409.9	2026.7	1678.3	1366.7	1084.0	841.0
15°	5184.0	4642.2	4115.4	3584.6	3067.8	2597.4	2167.9	1780.0	1441.4	1135.5	869.2
12.5°	5793.9	5147.3	4513.3	3904.1	3314.4	2782.4	2305.9	1878.1	1513.0	1172.3	887.6
10°	6402.7	5652.4	4910.9	4218.0	3555.8	2962.5	2438.9	1954.6	1546.8	1195.8	902.8
7.5°	7002.2	6149.6	5301.7	4522.0	3763.8	3080.3	2495.8	1989.3	1569.0	1214.9	914.9
5°	7491.4	6474.1	5479.5	4612.2	3822.3	3127.1	2530.9	2016.2	1584.4	1229.3	923.7
2.5°	7557.5	6527.4	5506.0	4647.9	3861.3	3159.1	2554.2	2034.8	1593.0	1238.9	929.2
0°	7583.0	6544.6	5502.6	4658.7	3880.7	3176.0	2565.7	2044.7	1595.1	1243.6	931.4
-2.5°	7557.5	6527.4	5506.0	4647.9	3861.3	3159.1	2554.2	2034.8	1593.0	1238.9	929.2
-5°	7491.4	6474.1	5479.5	4612.2	3822.3	3127.1	2530.9	2016.2	1584.4	1229.3	923.7
-7.5°	7002.2	6149.6	5301.7	4522.0	3763.8	3080.3	2495.8	1989.3	1569.0	1214.9	914.9
-10°	6402.7	5652.4	4910.9	4218.0	3555.8	2962.5	2438.9	1954.6	1546.8	1195.8	902.8
-12.5°	5793.9	5147.3	4513.3	3904.1	3314.4	2782.4	2305.9	1878.1	1513.0	1172.3	887.6
-15°	5184.0	4642.2	4115.4	3584.6	3067.8	2597.4	2167.9	1780.0	1441.4	1135.5	869.2
-17.5°	4565.3	4143.8	3723.0	3263.6	2819.4	2409.9	2026.7	1678.3	1366.7	1084.0	841.0
-20°	3926.6	3645.4	3341.9	2944.9	2571.8	2221.9	1883.7	1574.0	1289.5	1030.3	805.1



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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°	3330.3	3162.5	2941.6	2650.5	2336.1	2035.5	1740.4	1467.9	1210.6	974.8	767.4
-25°	2778.8	2709.6	2559.2	2350.3	2117.6	1864.3	1605.0	1360.9	1130.6	917.7	728.1
-27.5°	2296.0	2293.9	2206.4	2068.4	1896.7	1697.9	1478.0	1263.0	1053.2	859.6	687.4
-30°	1868.2	1927.6	1901.3	1812.2	1688.4	1531.7	1352.9	1166.6	982.1	805.7	645.4
-32.5°	1620.2	1605.7	1630.4	1590.5	1502.8	1374.9	1229.2	1071.9	911.2	754.1	608.3
-35°	1445.4	1390.1	1391.4	1389.0	1334.7	1238.2	1114.1	979.3	841.0	702.0	572.3
-37.5°	1285.7	1250.3	1196.1	1212.9	1181.0	1109.4	1011.2	895.2	771.7	649.6	535.6
-40°	1149.1	1125.0	1084.3	1062.2	1046.9	989.0	913.4	817.5	709.1	596.9	498.4
-42.5°	1025.7	1014.3	984.8	941.0	926.3	887.8	822.0	742.3	649.4	550.4	460.8
-45°	920.3	913.9	892.7	855.1	818.8	794.4	742.8	670.8	590.7	506.9	425.2
-47.5°	825.3	824.1	806.8	773.2	732.6	709.9	667.6	608.0	533.5	463.4	393.1
-50°	741.7	741.5	726.8	701.0	665.5	635.5	598.1	547.4	486.6	420.9	361.1
-52.5°	673.9	666.3	655.1	633.7	602.7	566.4	536.5	489.7	440.4	383.7	329.2
-55°	609.6	598.7	589.4	570.2	542.0	508.0	478.0	441.3	395.0	348.5	297.9
-57.5°	549.4	537.8	527.5	509.6	485.4	455.1	426.4	394.1	354.9	313.2	270.0
-60°	491.5	480.8	468.4	453.0	431.4	405.6	378.9	349.4	316.3	278.8	241.9
-62.5°	435.4	425.5	413.5	399.1	381.1	359.4	333.4	308.1	277.7	248.0	213.8
-65°	382.3	373.5	360.8	349.7	334.1	314.3	290.7	267.0	243.8	217.3	186.9
-67.5°	331.7	323.9	313.6	302.6	288.7	270.8	248.8	231.0	211.3	186.8	162.9
-70°	283.2	276.3	267.9	257.9	244.8	228.7	213.3	197.5	179.1	160.3	138.8
-72.5°	236.2	230.9	223.8	214.5	204.3	192.4	179.0	165.0	150.7	134.0	114.7
-75°	190.9	187.2	182.1	175.1	166.4	156.4	146.4	135.3	122.5	107.6	92.9
-77.5°	149.4	146.3	141.8	136.7	130.5	123.3	115.1	105.7	95.2	84.1	71.8
-80°	111.3	109.0	105.5	100.7	95.9	90.3	84.9	78.1	69.9	60.7	50.7
-82.5°	76.8	74.4	71.5	68.2	65.4	61.6	56.8	51.0	44.5	37.4	33.0
-85°	46.4	44.5	42.1	39.4	36.5	33.0	30.9	28.6	26.6	24.4	22.0
-87.5°	20.8	20.1	19.3	18.4	17.5	16.5	15.4	14.3	13.3	12.2	11.0
-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°	9.7	8.6	7.3	5.8	4.0	2.0	0.0
85°	19.4	17.2	14.6	11.5	8.1	4.0	0.0
82.5°	29.1	25.8	21.8	17.3	12.1	6.1	0.0
80°	39.9	34.4	29.1	23.0	16.1	8.1	0.0
77.5°	58.7	45.6	36.3	28.7	20.1	10.0	0.0
75°	77.4	61.8	44.6	34.4	24.0	12.0	0.0
72.5°	96.1	77.9	57.9	40.0	27.9	13.9	0.0
70°	115.0	93.8	71.1	46.5	31.7	15.9	0.0
67.5°	136.7	109.7	84.1	56.5	35.5	17.8	0.0
65°	158.3	126.9	97.1	66.5	39.2	19.6	0.0
62.5°	179.8	145.4	109.8	76.3	42.8	21.4	0.0
60°	201.2	163.8	122.4	85.9	46.4	23.2	0.0
57.5°	225.5	182.0	137.2	95.3	52.6	24.9	0.0
55°	249.9	200.0	151.9	104.6	58.8	26.6	0.0
52.5°	273.9	218.2	166.4	113.7	64.8	28.2	0.0
50°	297.5	238.1	180.5	122.5	70.6	29.8	0.0
47.5°	321.5	257.6	194.4	131.6	76.2	31.3	0.0
45°	349.2	276.6	208.0	141.8	81.7	32.8	0.0
42.5°	376.7	295.2	221.2	151.6	86.9	34.2	0.0
40°	403.9	313.3	234.8	160.9	91.9	35.5	0.0
37.5°	430.8	330.8	248.6	169.4	96.7	36.8	0.0
35°	457.3	350.6	261.9	177.5	101.3	38.0	0.0
32.5°	484.4	371.4	274.7	185.0	105.6	39.1	0.0
30°	513.5	391.6	286.9	191.9	109.7	40.2	0.0
27.5°	541.5	411.0	297.0	198.3	113.5	41.2	0.0
25°	568.4	429.5	306.3	204.1	117.0	42.1	0.0
22.5°	594.2	446.1	314.9	209.3	120.2	42.9	0.0
20°	618.7	458.8	322.9	214.0	123.2	43.6	0.0
17.5°	637.1	469.9	330.0	218.0	125.8	44.3	0.0
15°	650.9	479.5	336.4	221.5	128.2	44.8	0.0
12.5°	662.7	487.5	342.0	224.4	130.2	45.3	0.0
10°	672.4	494.0	346.8	226.7	132.0	45.7	0.0
7.5°	680.1	498.9	350.6	228.4	133.4	46.0	0.0
5°	685.7	502.4	353.6	229.6	134.5	46.2	0.0
2.5°	689.2	504.4	355.7	230.2	135.2	46.4	0.0
0°	690.5	504.9	356.8	230.2	135.6	46.4	0.0
-2.5°	689.2	504.4	355.7	230.2	135.2	46.4	0.0
-5°	685.7	502.4	353.6	229.6	134.5	46.2	0.0
-7.5°	680.1	498.9	350.6	228.4	133.4	46.0	0.0
-10°	672.4	494.0	346.8	226.7	132.0	45.7	0.0
-12.5°	662.7	487.5	342.0	224.4	130.2	45.3	0.0
-15°	650.9	479.5	336.4	221.5	128.2	44.8	0.0
-17.5°	637.1	469.9	330.0	218.0	125.8	44.3	0.0
-20°	618.7	458.8	322.9	214.0	123.2	43.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	594.2	446.1	314.9	209.3	120.2	42.9	0.0
-25°	568.4	429.5	306.3	204.1	117.0	42.1	0.0
-27.5°	541.5	411.0	297.0	198.3	113.5	41.2	0.0
-30°	513.5	391.6	286.9	191.9	109.7	40.2	0.0
-32.5°	484.4	371.4	274.7	185.0	105.6	39.1	0.0
-35°	457.3	350.6	261.9	177.5	101.3	38.0	0.0
-37.5°	430.8	330.8	248.6	169.4	96.7	36.8	0.0
-40°	403.9	313.3	234.8	160.9	91.9	35.5	0.0
-42.5°	376.7	295.2	221.2	151.6	86.9	34.2	0.0
-45°	349.2	276.6	208.0	141.8	81.7	32.8	0.0
-47.5°	321.5	257.6	194.4	131.6	76.2	31.3	0.0
-50°	297.5	238.1	180.5	122.5	70.6	29.8	0.0
-52.5°	273.9	218.2	166.4	113.7	64.8	28.2	0.0
-55°	249.9	200.0	151.9	104.6	58.8	26.6	0.0
-57.5°	225.5	182.0	137.2	95.3	52.6	24.9	0.0
-60°	201.2	163.8	122.4	85.9	46.4	23.2	0.0
-62.5°	179.8	145.4	109.8	76.3	42.8	21.4	0.0
-65°	158.3	126.9	97.1	66.5	39.2	19.6	0.0
-67.5°	136.7	109.7	84.1	56.5	35.5	17.8	0.0
-70°	115.0	93.8	71.1	46.5	31.7	15.9	0.0
-72.5°	96.1	77.9	57.9	40.0	27.9	13.9	0.0
-75°	77.4	61.8	44.6	34.4	24.0	12.0	0.0
-77.5°	58.7	45.6	36.3	28.7	20.1	10.0	0.0
-80°	39.9	34.4	29.1	23.0	16.1	8.1	0.0
-82.5°	29.1	25.8	21.8	17.3	12.1	6.1	0.0
-85°	19.4	17.2	14.6	11.5	8.1	4.0	0.0
-87.5°	9.7	8.6	7.3	5.8	4.0	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)