

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: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3C-930-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

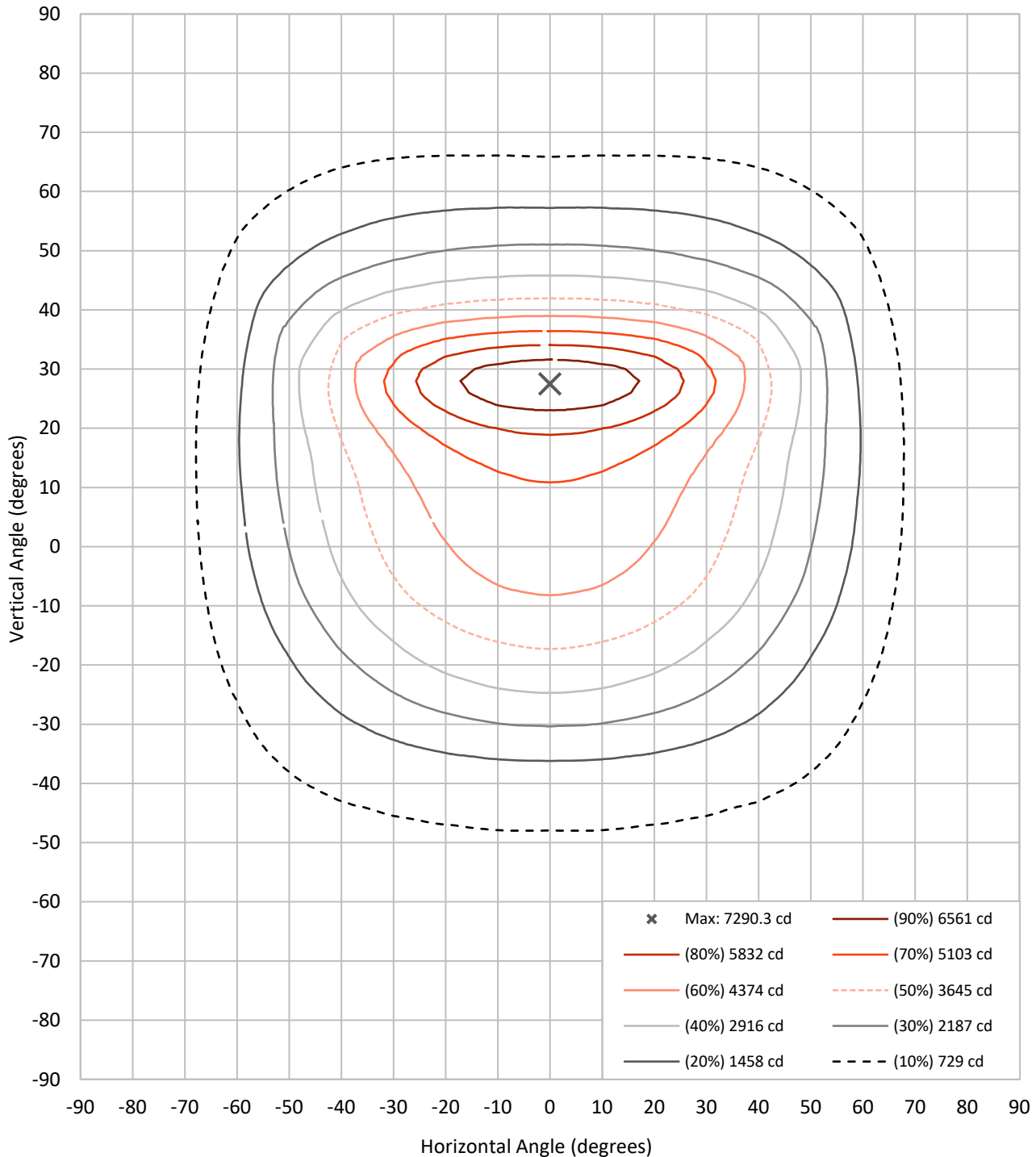
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10628 lumens	Max Intensity:	7290.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	89.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	5523.4 lumens	Field Lumens:	9831.9 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	119		
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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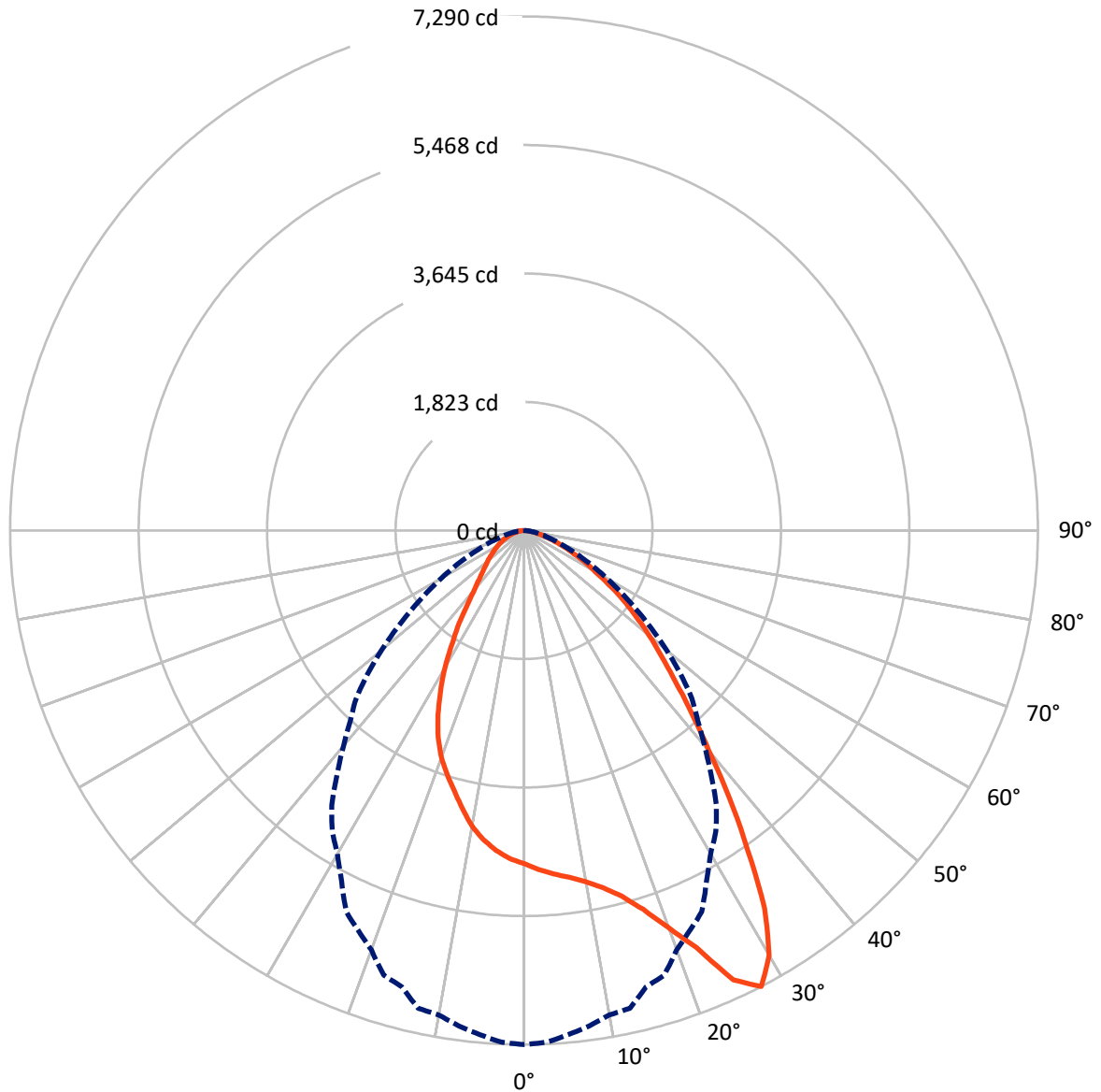
### Iso-Candela Plot





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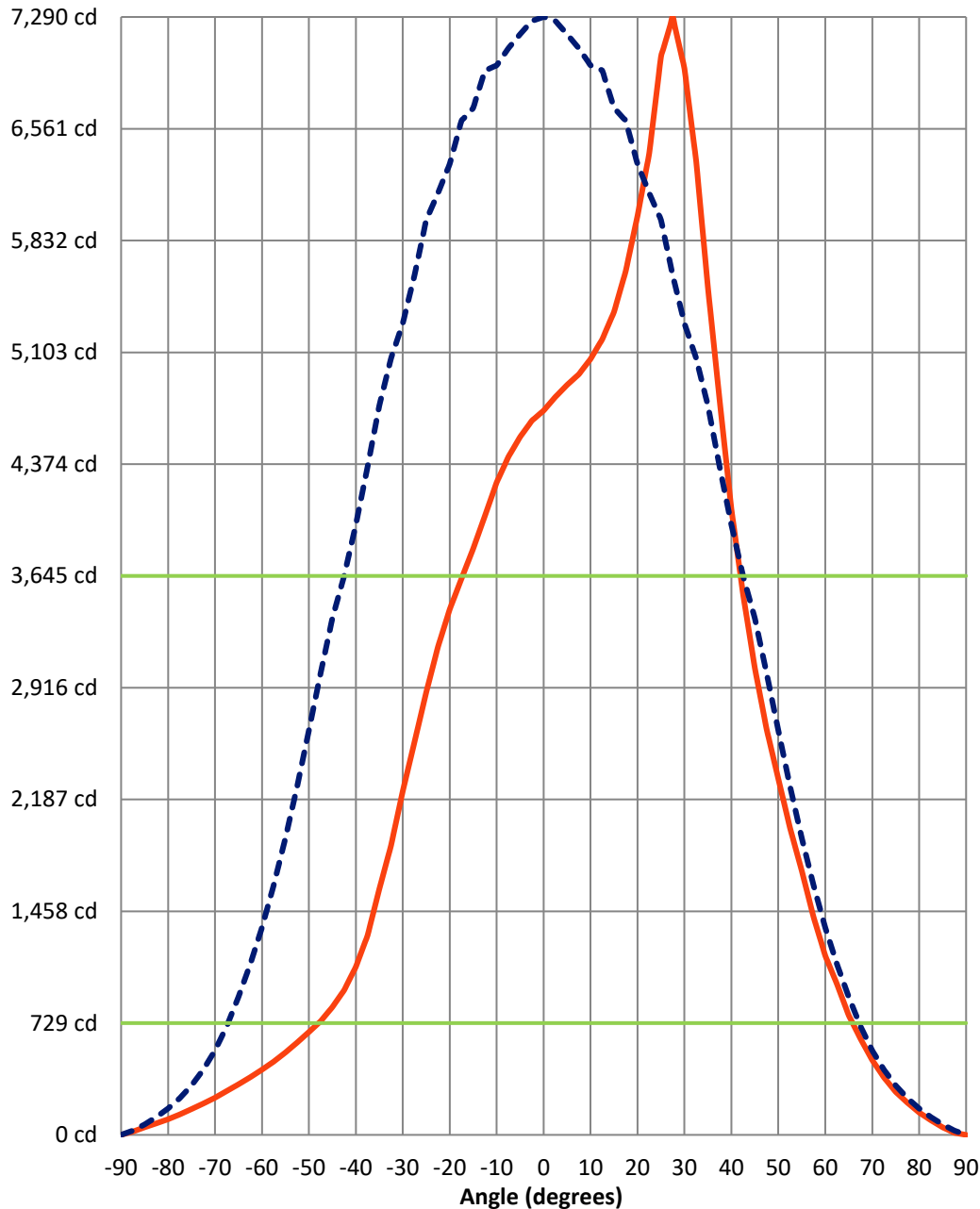
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg    - - - Horizontal Distribution Through 27.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 5523.4  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 9831.9  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 796.2  
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-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	1.4	2.8	4.2	5.5	6.9	8.1	9.4	10.5	11.7	12.8
85°	0.0	2.8	5.7	8.4	11.1	13.7	16.2	18.7	21.1	23.4	25.6
82.5°	0.0	4.2	8.5	12.6	16.6	20.5	24.3	28.0	32.2	39.3	46.6
80°	0.0	5.5	11.3	16.7	22.1	27.3	33.1	42.3	51.9	61.9	72.3
77.5°	0.0	6.9	14.0	20.9	27.5	35.6	47.0	58.9	71.4	84.4	99.5
75°	0.0	8.3	16.8	25.0	33.5	46.7	60.7	75.3	91.1	111.1	131.5
72.5°	0.0	9.6	19.5	29.0	42.0	57.6	74.2	92.8	115.6	139.0	163.0
70°	0.0	10.9	22.2	33.4	50.3	68.3	87.9	113.5	139.6	166.6	198.1
67.5°	0.0	12.2	24.8	39.3	58.5	78.8	104.8	133.7	163.3	198.3	233.5
65°	0.0	13.5	27.4	45.2	66.4	90.5	121.1	153.5	190.6	229.2	270.2
62.5°	0.0	14.7	29.9	50.8	74.2	103.2	137.0	175.6	217.3	260.6	310.6
60°	0.0	15.9	32.3	56.3	81.7	115.4	152.2	198.1	243.3	295.1	349.6
57.5°	0.0	17.1	35.8	61.7	90.7	127.2	169.4	219.8	271.6	328.3	394.3
55°	0.0	18.3	39.2	66.8	99.5	138.5	186.2	240.0	299.5	362.0	440.0
52.5°	0.0	19.4	42.4	71.8	107.9	149.6	202.0	261.4	326.1	399.7	483.0
50°	0.0	20.5	45.6	76.5	115.8	161.7	216.9	281.8	353.1	435.1	534.6
47.5°	0.0	21.5	48.6	81.3	123.4	173.1	231.1	300.7	381.8	468.0	583.7
45°	0.0	22.5	51.5	86.6	130.5	183.8	246.0	318.2	406.8	507.9	629.0
42.5°	0.0	23.4	54.3	91.6	137.2	193.6	259.6	336.6	429.8	544.7	679.9
40°	0.0	24.3	56.9	96.4	143.9	202.7	272.1	354.9	453.0	577.7	727.6
37.5°	0.0	25.2	59.4	100.9	150.7	210.9	283.3	371.6	478.0	607.9	770.3
35°	0.0	26.0	61.8	105.1	156.8	219.1	293.3	386.6	500.1	640.0	810.5
32.5°	0.0	26.7	64.0	109.0	162.4	226.8	302.9	399.9	519.2	667.5	846.3
30°	0.0	27.4	66.0	112.7	167.3	233.6	313.3	412.2	535.2	690.3	876.0
27.5°	0.0	28.1	67.9	116.0	172.1	239.4	322.2	425.0	550.2	708.6	899.7
25°	0.0	28.7	69.6	119.0	176.2	244.3	329.8	435.4	564.7	725.3	917.4
22.5°	0.0	29.2	71.2	121.6	179.8	248.6	335.9	443.5	575.6	738.9	932.5
20°	0.0	29.7	72.5	124.0	182.8	252.8	340.7	449.4	583.0	747.7	942.3
17.5°	0.0	30.1	73.8	126.0	185.2	256.3	345.0	453.0	587.1	751.8	946.9
15°	0.0	30.5	74.8	127.7	187.1	259.1	348.5	455.6	587.9	751.5	946.2
12.5°	0.0	30.8	75.7	129.1	188.4	261.1	350.7	457.5	587.9	747.0	940.6
10°	0.0	31.0	76.4	130.2	189.1	262.4	351.5	457.6	586.9	744.8	932.1
7.5°	0.0	31.2	76.9	130.9	189.4	262.9	351.1	456.0	583.5	740.1	922.6
5°	0.0	31.3	77.2	131.3	189.2	262.7	349.6	452.8	577.7	732.2	908.4
2.5°	0.0	31.4	77.4	131.4	188.5	261.8	346.9	448.0	569.6	721.3	890.1
0°	0.0	31.4	77.4	131.2	187.3	260.2	343.2	441.8	559.6	707.6	868.0
-2.5°	0.0	31.4	77.2	130.6	186.4	257.7	339.3	435.3	549.7	692.4	845.8
-5°	0.0	31.4	76.9	129.7	185.0	254.6	334.4	427.5	538.1	674.7	820.6
-7.5°	0.0	31.4	76.3	128.5	183.3	250.9	328.6	418.6	524.8	654.8	793.0
-10°	0.0	31.2	75.6	127.0	181.1	246.5	322.0	408.6	510.1	633.0	763.2
-12.5°	0.0	31.0	74.8	125.3	178.5	241.7	314.6	397.5	494.0	609.8	733.9
-15°	0.0	30.8	73.8	123.2	175.5	236.3	306.5	385.6	477.6	586.9	704.0
-17.5°	0.0	30.4	72.6	120.9	172.2	230.5	297.6	373.7	461.2	562.8	672.6
-20°	0.0	30.1	71.3	118.4	168.4	224.3	288.4	361.6	443.9	537.6	639.9



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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	29.6	69.8	115.6	164.2	217.7	279.2	348.7	425.8	511.5	606.2
-25°	0.0	29.1	68.2	112.5	159.7	211.2	269.5	335.0	407.1	484.8	571.7
-27.5°	0.0	28.5	66.5	109.3	154.9	204.3	259.2	320.5	387.9	458.9	539.0
-30°	0.0	27.9	64.7	105.8	149.7	197.0	248.5	305.4	369.3	435.2	506.3
-32.5°	0.0	27.3	62.7	102.1	144.3	189.3	237.4	291.3	350.7	411.5	473.8
-35°	0.0	26.5	60.6	98.2	138.7	181.2	227.0	277.4	331.6	387.8	441.6
-37.5°	0.0	25.7	58.4	94.1	132.8	173.1	216.7	263.2	312.1	364.2	415.1
-40°	0.0	24.9	56.1	89.8	126.6	165.3	206.0	248.7	292.1	341.2	389.9
-42.5°	0.0	24.0	53.7	85.4	120.5	157.2	195.0	234.1	274.0	318.9	364.3
-45°	0.0	23.0	51.2	80.8	114.4	148.9	183.7	219.9	257.1	296.7	338.5
-47.5°	0.0	22.1	48.5	76.1	108.0	140.3	172.0	206.3	240.2	274.4	313.9
-50°	0.0	21.0	45.9	71.8	101.5	131.5	161.3	192.5	223.5	255.7	289.3
-52.5°	0.0	19.9	43.1	67.7	94.8	122.6	150.7	178.4	207.3	236.6	265.2
-55°	0.0	18.8	40.2	63.4	87.9	113.9	139.9	164.3	191.2	217.2	243.9
-57.5°	0.0	17.6	37.3	59.0	80.8	105.1	128.9	151.7	174.8	198.7	222.3
-60°	0.0	16.4	34.3	54.5	73.6	96.1	117.8	139.0	158.6	180.3	201.0
-62.5°	0.0	15.2	31.8	49.9	67.5	87.0	107.0	126.1	144.1	161.6	180.7
-65°	0.0	13.9	29.1	45.2	61.3	77.7	96.0	113.2	129.4	144.8	160.1
-67.5°	0.0	12.6	26.4	40.4	54.9	69.1	84.8	100.4	114.5	128.4	141.4
-70°	0.0	11.3	23.6	35.5	48.5	61.1	73.5	87.5	100.3	111.8	123.4
-72.5°	0.0	9.9	20.8	31.1	42.0	53.1	63.8	74.6	86.0	96.3	105.5
-75°	0.0	8.5	17.9	26.7	35.4	45.0	54.2	63.1	71.7	80.8	89.0
-77.5°	0.0	7.2	15.0	22.4	29.5	36.8	44.5	52.1	59.2	65.8	72.5
-80°	0.0	5.7	12.1	17.9	23.7	29.2	34.8	41.0	46.8	52.3	57.5
-82.5°	0.0	4.3	9.1	13.5	17.8	22.0	26.0	30.2	34.5	38.8	42.8
-85°	0.0	2.9	6.1	9.0	11.9	14.7	17.4	20.2	23.0	25.7	28.4
-87.5°	0.0	1.4	3.0	4.5	5.9	7.3	8.7	10.1	11.5	12.9	14.2
-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: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-WAF-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°	13.5	14.0	14.5	14.8	15.4	15.8	16.3	16.6	16.9	17.2	17.3
85°	27.0	28.1	31.4	34.5	37.8	40.8	43.5	45.8	47.7	49.3	50.5
82.5°	52.6	58.3	63.6	68.6	73.1	77.2	81.2	85.7	89.3	92.4	94.9
80°	80.7	88.4	97.7	106.4	114.3	121.6	128.1	134.1	138.7	143.3	147.8
77.5°	113.5	125.9	137.4	148.1	158.4	170.5	181.6	191.8	199.7	205.6	210.2
75°	148.7	163.4	180.3	197.0	212.7	227.1	241.1	258.2	272.1	282.6	291.0
72.5°	186.2	207.4	228.1	248.1	271.1	293.5	315.3	336.3	354.7	368.3	379.2
70°	226.8	251.4	279.9	308.8	336.5	364.6	394.6	421.8	444.4	460.4	475.6
67.5°	268.3	302.8	336.6	371.3	410.5	446.3	479.0	513.6	544.0	564.0	581.6
65°	316.1	354.7	399.8	445.8	488.9	533.6	574.9	612.4	650.8	678.7	701.6
62.5°	362.3	416.7	469.7	523.5	577.8	626.4	680.4	728.6	767.2	807.1	841.3
60°	417.1	481.7	546.8	611.7	672.4	740.6	799.9	855.8	907.5	952.0	994.1
57.5°	471.8	555.2	632.3	708.4	788.7	861.7	931.3	994.0	1055.7	1107.3	1157.8
55°	529.3	636.7	725.7	819.7	908.0	990.4	1068.6	1147.2	1213.1	1284.0	1345.8
52.5°	593.2	715.9	830.8	934.4	1033.8	1128.9	1222.5	1317.1	1409.5	1483.1	1552.9
50°	652.9	799.1	937.4	1055.5	1169.8	1282.8	1399.8	1518.0	1619.8	1704.0	1776.7
47.5°	718.6	876.5	1052.1	1182.7	1320.0	1460.0	1602.0	1732.6	1843.5	1958.0	2038.3
45°	782.6	954.7	1145.2	1326.6	1485.4	1654.9	1811.3	1955.4	2116.1	2241.2	2348.4
42.5°	841.1	1028.8	1240.9	1471.8	1670.3	1852.2	2021.5	2224.1	2408.8	2555.0	2688.9
40°	901.2	1096.3	1328.0	1606.6	1854.7	2048.9	2254.9	2478.9	2719.2	2899.2	3059.2
37.5°	956.2	1165.3	1407.6	1709.5	2036.2	2249.7	2477.5	2720.5	2994.6	3265.2	3457.6
35°	1004.8	1223.7	1486.5	1793.2	2127.7	2444.4	2685.3	2944.1	3244.0	3595.2	3857.8
32.5°	1049.0	1271.4	1549.2	1858.5	2197.9	2569.1	2874.8	3140.5	3441.4	3803.8	4249.8
30°	1084.9	1317.7	1595.9	1905.7	2246.0	2615.8	3004.1	3293.5	3579.0	3934.7	4349.8
27.5°	1112.2	1351.5	1628.0	1935.2	2271.8	2637.4	3010.9	3368.0	3644.4	3979.1	4356.5
25°	1133.1	1379.3	1645.1	1946.1	2275.5	2627.9	2987.3	3325.2	3635.6	3930.6	4269.3
22.5°	1150.5	1398.4	1663.7	1938.7	2258.4	2594.1	2932.1	3254.3	3554.7	3830.9	4122.2
20°	1163.5	1410.7	1673.1	1945.9	2229.6	2539.1	2862.4	3169.0	3459.1	3726.6	3963.7
17.5°	1169.4	1414.3	1673.1	1944.6	2224.7	2495.5	2777.0	3071.6	3356.9	3622.6	3856.9
15°	1168.3	1409.6	1663.9	1934.2	2210.1	2478.4	2737.7	2980.8	3246.4	3515.0	3748.5
12.5°	1160.6	1396.8	1645.8	1914.8	2186.4	2451.5	2706.1	2950.2	3188.4	3413.4	3636.6
10°	1146.5	1376.5	1619.2	1886.6	2153.7	2414.8	2666.1	2911.1	3146.8	3367.6	3575.5
7.5°	1132.0	1353.6	1587.2	1849.6	2111.9	2368.4	2617.4	2862.9	3094.0	3314.4	3524.2
5°	1112.9	1329.5	1562.8	1814.1	2067.0	2317.2	2560.9	2805.2	3030.1	3252.5	3463.2
2.5°	1088.7	1299.4	1532.0	1771.2	2016.7	2264.3	2499.9	2739.5	2970.2	3183.9	3391.5
0°	1059.7	1263.8	1494.8	1720.3	1958.0	2202.5	2429.0	2663.4	2903.3	3105.2	3308.2
-2.5°	1028.1	1221.2	1440.7	1665.0	1894.7	2134.5	2366.7	2589.0	2823.6	3027.7	3235.0
-5°	992.8	1174.2	1380.8	1602.6	1824.0	2057.8	2294.3	2505.6	2729.8	2931.6	3135.4
-7.5°	954.1	1123.4	1316.1	1532.5	1743.5	1963.9	2188.0	2391.2	2609.2	2808.8	3007.3
-10°	913.3	1073.4	1253.2	1453.3	1652.2	1857.7	2068.2	2267.2	2476.8	2675.5	2866.6
-12.5°	874.2	1023.9	1188.4	1370.3	1555.9	1745.8	1941.5	2133.7	2332.5	2532.2	2710.8
-15°	833.2	972.1	1121.4	1284.5	1455.4	1629.1	1808.9	1990.8	2177.3	2372.7	2537.7
-17.5°	790.8	918.1	1053.0	1196.7	1351.4	1508.6	1673.9	1849.5	2020.2	2198.2	2357.8
-20°	747.4	862.6	984.1	1107.9	1245.3	1396.1	1550.7	1708.2	1863.4	2018.4	2168.3



REPORT NUMBER: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	703.4	805.9	916.4	1025.4	1156.1	1292.3	1427.9	1564.6	1703.8	1837.3	1979.1
-25°	660.9	753.2	850.9	956.8	1069.0	1189.0	1305.6	1421.1	1544.6	1669.7	1791.8
-27.5°	619.9	701.4	793.6	888.1	981.5	1088.3	1190.4	1288.3	1396.0	1506.4	1605.0
-30°	578.9	656.2	737.0	820.8	903.0	992.2	1080.4	1166.3	1254.1	1348.6	1434.0
-32.5°	540.8	611.4	684.9	758.4	828.1	897.4	978.8	1055.2	1127.0	1194.3	1268.9
-35°	506.0	570.7	634.6	697.9	755.4	816.3	884.4	948.7	1006.4	1060.4	1117.4
-37.5°	473.1	530.8	584.6	641.2	692.3	744.4	794.6	850.2	897.0	940.2	986.9
-40°	440.2	491.8	540.2	587.5	634.3	677.8	720.6	758.5	796.1	837.7	869.8
-42.5°	407.8	455.7	499.0	535.4	579.5	617.0	650.2	681.6	712.3	744.7	770.5
-45°	379.2	420.0	459.5	494.3	527.4	559.4	587.6	612.2	641.3	663.8	683.2
-47.5°	350.3	385.6	421.8	453.9	481.6	507.6	528.6	553.3	577.1	596.4	607.8
-50°	321.9	354.2	384.8	414.8	439.9	460.8	478.8	499.2	519.0	535.4	546.2
-52.5°	295.7	322.7	351.1	376.5	399.7	418.4	435.7	453.4	467.9	479.1	493.3
-55°	269.9	294.7	318.4	341.3	361.0	378.2	395.1	410.8	423.3	433.0	444.7
-57.5°	245.6	268.0	288.7	307.9	325.6	340.3	356.8	370.2	381.8	390.9	403.0
-60°	222.0	242.0	260.8	277.5	292.1	306.6	320.0	332.3	342.4	351.4	362.5
-62.5°	198.5	216.6	233.5	248.8	262.1	274.1	286.2	296.7	305.1	314.5	323.6
-65°	176.4	191.7	206.5	220.5	233.0	244.4	254.4	262.9	270.8	279.1	286.5
-67.5°	154.4	168.7	181.1	192.2	203.7	214.8	224.1	231.9	238.5	245.3	251.5
-70°	134.7	146.0	157.4	167.4	176.2	185.4	194.4	201.8	207.7	213.1	218.1
-72.5°	115.4	125.4	134.8	143.4	151.4	158.8	165.9	172.6	178.1	182.2	185.9
-75°	97.0	104.8	112.9	120.5	126.9	132.7	138.1	143.5	148.0	151.5	154.4
-77.5°	79.4	86.0	92.2	98.0	102.7	107.2	111.4	115.3	118.7	121.5	123.4
-80°	62.3	67.1	72.2	76.9	80.5	83.6	86.3	88.6	91.1	93.7	96.0
-82.5°	46.4	49.8	53.2	56.4	59.0	61.1	63.0	64.7	66.6	68.2	69.7
-85°	30.5	32.5	34.5	36.5	38.4	40.1	41.6	42.9	43.9	44.7	45.4
-87.5°	15.3	16.2	17.2	18.0	18.9	19.8	20.7	21.4	21.9	22.3	22.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-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°	17.5	17.5	17.5	17.4	17.3	16.6	15.8	15.0	14.1	14.5	14.9
85°	51.4	51.6	51.4	50.9	50.1	50.1	49.9	49.6	49.1	49.9	50.5
82.5°	96.8	97.5	97.6	97.1	96.1	96.5	96.7	96.5	96.0	96.6	97.1
80°	151.2	152.6	152.7	151.7	149.6	149.9	150.1	149.7	148.7	148.9	148.8
77.5°	215.4	218.7	219.9	219.4	217.4	216.8	215.3	212.4	208.1	208.0	208.1
75°	297.3	300.7	302.5	302.4	300.4	299.1	297.2	293.8	289.0	288.8	288.9
72.5°	387.7	392.7	394.9	396.9	396.9	396.2	393.8	388.7	381.3	380.4	381.3
70°	487.5	495.9	501.3	505.3	508.6	509.3	507.6	503.6	497.1	495.3	494.8
67.5°	598.7	612.1	622.2	629.0	635.4	640.0	641.7	639.9	634.6	632.9	633.6
65°	723.2	744.0	761.1	773.9	782.5	788.6	793.9	797.0	797.8	799.7	802.2
62.5°	868.8	894.3	918.1	934.3	942.6	948.5	965.6	975.5	978.3	978.9	982.7
60°	1031.3	1063.5	1093.2	1117.0	1136.3	1150.9	1165.4	1175.1	1178.7	1179.4	1184.6
57.5°	1209.1	1249.4	1284.2	1321.1	1346.9	1361.8	1381.3	1401.3	1411.8	1414.7	1427.1
55°	1405.6	1460.8	1505.8	1545.4	1581.4	1613.0	1639.7	1660.4	1675.6	1684.8	1701.1
52.5°	1623.1	1687.9	1735.0	1781.4	1833.0	1869.3	1893.1	1931.3	1958.9	1974.1	1993.6
50°	1861.8	1934.0	1998.2	2046.8	2106.8	2156.5	2192.7	2228.9	2254.1	2268.6	2287.5
47.5°	2133.5	2222.4	2296.9	2342.0	2411.7	2470.2	2493.8	2521.1	2568.7	2591.6	2611.8
45°	2439.5	2552.9	2635.7	2706.2	2766.1	2831.7	2874.7	2905.7	2952.7	2976.2	2991.1
42.5°	2803.6	2929.7	3038.8	3123.4	3173.8	3258.9	3321.0	3338.5	3405.0	3450.1	3463.4
40°	3211.9	3351.7	3495.6	3592.1	3673.1	3759.5	3862.0	3919.0	3975.3	4019.5	4029.5
37.5°	3637.3	3824.5	3988.7	4113.3	4247.2	4374.7	4483.3	4542.5	4579.5	4664.0	4695.6
35°	4069.8	4263.0	4493.0	4686.7	4849.0	5006.4	5130.3	5227.8	5320.6	5396.8	5442.5
32.5°	4438.1	4646.0	4930.1	5220.0	5395.2	5565.7	5769.1	5880.7	6004.6	6105.0	6178.3
30°	4740.8	4938.4	5197.1	5560.9	5800.8	5973.6	6231.1	6385.4	6520.3	6690.4	6749.6
27.5°	4755.2	5064.0	5292.7	5606.0	5966.2	6141.6	6332.1	6612.5	6697.5	6940.1	6975.1
25°	4630.3	4954.7	5189.7	5451.2	5750.6	5964.0	6138.0	6371.1	6493.2	6649.3	6769.1
22.5°	4435.1	4720.9	4960.7	5182.5	5416.1	5610.4	5769.4	5933.3	6067.3	6188.4	6300.8
20°	4219.6	4490.8	4718.2	4908.9	5094.1	5274.2	5417.2	5554.9	5670.8	5774.7	5838.6
17.5°	4067.7	4262.9	4495.2	4690.6	4851.1	4992.5	5140.4	5255.6	5357.3	5450.8	5509.3
15°	3964.0	4149.6	4315.0	4494.3	4663.5	4798.3	4909.6	5028.5	5116.4	5196.9	5260.3
12.5°	3856.4	4047.7	4220.8	4370.1	4502.5	4649.7	4768.8	4862.3	4954.4	5017.7	5082.8
10°	3766.6	3945.5	4125.0	4282.7	4422.1	4543.3	4656.1	4761.0	4843.7	4914.6	4965.8
7.5°	3714.4	3889.9	4051.2	4202.5	4338.4	4467.6	4583.9	4680.0	4762.0	4835.3	4889.1
5°	3653.9	3827.6	3988.7	4143.3	4273.8	4397.9	4513.7	4612.6	4697.4	4762.8	4814.3
2.5°	3584.5	3755.9	3916.6	4073.7	4204.2	4323.9	4433.5	4530.0	4618.3	4680.6	4724.4
0°	3505.5	3677.1	3834.1	3982.2	4113.4	4242.3	4343.2	4440.8	4527.2	4588.8	4632.6
-2.5°	3425.9	3596.4	3758.9	3900.8	4030.9	4150.0	4257.5	4349.6	4432.0	4493.5	4531.8
-5°	3319.9	3489.4	3649.8	3792.7	3928.7	4048.3	4152.7	4246.4	4325.9	4392.8	4444.9
-7.5°	3191.7	3363.0	3523.3	3669.2	3804.6	3917.5	4017.8	4112.2	4197.0	4270.2	4334.2
-10°	3050.6	3220.1	3371.5	3508.2	3634.4	3749.2	3855.8	3949.1	4026.9	4098.5	4152.4
-12.5°	2886.4	3043.3	3191.4	3326.1	3449.5	3564.5	3665.9	3754.8	3833.0	3896.5	3945.1
-15°	2705.1	2854.1	2994.4	3132.0	3261.2	3374.4	3463.7	3557.3	3625.1	3686.7	3730.5
-17.5°	2511.2	2655.2	2802.8	2940.8	3060.0	3171.7	3270.0	3355.5	3426.7	3483.2	3532.6
-20°	2314.7	2461.4	2603.4	2734.9	2849.6	2953.1	3052.6	3134.8	3207.7	3269.2	3327.2



REPORT NUMBER: P558794 (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°	2117.4	2251.9	2385.1	2513.9	2622.3	2720.2	2807.2	2885.9	2950.3	3022.7	3073.9
-25°	1914.6	2032.5	2152.8	2266.5	2369.0	2465.2	2544.2	2613.1	2680.2	2750.2	2800.0
-27.5°	1710.8	1815.1	1912.8	2013.4	2103.2	2186.6	2259.8	2320.2	2385.3	2432.0	2486.8
-30°	1509.3	1603.9	1685.4	1755.4	1839.8	1911.4	1968.4	2028.3	2082.2	2126.8	2173.0
-32.5°	1338.7	1403.4	1468.5	1527.0	1583.2	1642.0	1687.9	1740.3	1777.2	1815.6	1852.9
-35°	1174.8	1224.6	1267.8	1322.5	1364.6	1396.6	1434.9	1473.3	1488.1	1529.9	1552.2
-37.5°	1026.3	1059.0	1099.3	1137.4	1168.7	1192.6	1226.7	1246.8	1257.4	1284.4	1298.9
-40°	899.2	919.8	957.5	983.5	1002.3	1019.7	1048.0	1061.1	1075.5	1089.0	1089.4
-42.5°	787.4	814.0	839.5	859.9	871.8	891.6	905.0	906.4	925.1	937.1	939.0
-45°	695.9	723.0	743.2	758.2	770.0	787.1	795.7	800.5	815.7	823.9	827.4
-47.5°	625.7	644.6	662.1	673.7	689.3	701.9	708.1	716.2	727.9	735.3	740.7
-50°	563.9	578.9	592.2	602.8	618.3	629.6	635.6	645.5	654.2	659.6	663.8
-52.5°	509.7	523.0	532.2	542.6	555.4	565.3	573.0	582.8	590.1	594.8	598.5
-55°	458.8	471.4	480.4	491.6	500.8	507.5	514.0	523.5	530.7	535.5	538.7
-57.5°	413.9	423.4	432.2	442.4	451.2	458.4	464.2	469.5	474.2	478.2	481.2
-60°	371.9	379.6	387.7	395.7	402.3	407.5	413.8	418.6	421.6	423.5	426.0
-62.5°	331.5	338.4	345.6	352.0	357.3	361.6	366.7	370.7	373.5	375.5	377.0
-65°	293.1	299.1	305.1	310.5	315.0	318.8	322.4	325.2	327.1	328.8	330.1
-67.5°	257.2	261.9	266.1	269.9	273.3	276.5	279.6	281.7	282.9	284.2	285.6
-70°	222.5	226.2	229.1	231.3	233.3	235.9	238.9	241.0	242.2	243.5	244.8
-72.5°	189.0	191.7	194.0	195.9	197.0	198.6	200.7	202.4	203.7	204.8	205.2
-75°	156.7	158.9	161.0	162.4	163.3	164.4	165.5	166.1	166.2	166.6	166.9
-77.5°	125.2	127.4	129.3	130.6	131.5	132.4	133.2	133.6	133.7	133.8	133.5
-80°	97.7	99.2	100.5	101.4	102.1	102.7	103.1	103.2	102.9	103.2	103.2
-82.5°	71.0	72.3	73.4	74.3	74.8	75.5	76.1	76.4	76.7	76.7	76.7
-85°	46.0	46.6	47.1	47.7	48.1	48.5	48.6	48.7	48.6	48.6	48.5
-87.5°	22.9	22.7	22.3	21.9	21.3	21.5	21.6	21.6	21.6	21.9	22.1
-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: P558794 (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°
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°	15.3	15.6	14.6	13.5	14.6	15.6	15.3	14.9	14.5	14.1	15.0
85°	51.0	51.3	50.4	49.3	50.4	51.3	51.0	50.5	49.9	49.1	49.6
82.5°	97.2	97.1	96.3	95.3	96.3	97.1	97.2	97.1	96.6	96.0	96.5
80°	148.3	147.3	146.7	145.8	146.7	147.3	148.3	148.8	148.9	148.7	149.7
77.5°	207.6	206.5	208.3	209.7	208.3	206.5	207.6	208.1	208.0	208.1	212.4
75°	287.7	285.6	283.4	280.4	283.4	285.6	287.7	288.9	288.8	289.0	293.8
72.5°	380.9	379.2	377.5	374.6	377.5	379.2	380.9	381.3	380.4	381.3	388.7
70°	491.9	486.6	487.5	487.8	487.5	486.6	491.9	494.8	495.3	497.1	503.6
67.5°	631.5	626.8	627.4	626.9	627.4	626.8	631.5	633.6	632.9	634.6	639.9
65°	800.7	795.3	788.9	779.4	788.9	795.3	800.7	802.2	799.7	797.8	797.0
62.5°	982.2	977.5	980.2	982.4	980.2	977.5	982.2	982.7	978.9	978.3	975.5
60°	1183.8	1177.2	1173.9	1168.5	1173.9	1177.2	1183.8	1184.6	1179.4	1178.7	1175.1
57.5°	1432.7	1431.5	1428.6	1420.8	1428.6	1431.5	1432.7	1427.1	1414.7	1411.8	1401.3
55°	1708.8	1707.2	1713.6	1721.4	1713.6	1707.2	1708.8	1701.1	1684.8	1675.6	1660.4
52.5°	2007.9	2013.0	2011.2	2000.6	2011.2	2013.0	2007.9	1993.6	1974.1	1958.9	1931.3
50°	2304.0	2309.7	2315.7	2321.3	2315.7	2309.7	2304.0	2287.5	2268.6	2254.1	2228.9
47.5°	2639.6	2654.5	2657.1	2646.5	2657.1	2654.5	2639.6	2611.8	2591.6	2568.7	2521.1
45°	3020.9	3029.9	3034.5	3043.5	3034.5	3029.9	3020.9	2991.1	2976.2	2952.7	2905.7
42.5°	3501.6	3512.0	3513.6	3523.5	3513.6	3512.0	3501.6	3463.4	3450.1	3405.0	3338.5
40°	4072.2	4089.1	4086.2	4082.0	4086.2	4089.1	4072.2	4029.5	4019.5	3975.3	3919.0
37.5°	4740.1	4768.8	4771.8	4789.6	4771.8	4768.8	4740.1	4695.6	4664.0	4579.5	4542.5
35°	5489.7	5523.5	5517.7	5526.3	5517.7	5523.5	5489.7	5442.5	5396.8	5320.6	5227.8
32.5°	6245.8	6296.5	6306.7	6349.5	6306.7	6296.5	6245.8	6178.3	6105.0	6004.6	5880.7
30°	6839.9	6911.0	6957.4	6953.9	6957.4	6911.0	6839.9	6749.6	6690.4	6520.3	6385.4
27.5°	7086.0	7178.1	7264.4	7290.3	7264.4	7178.1	7086.0	6975.1	6940.1	6697.5	6612.5
25°	6845.9	6913.2	6989.3	7030.2	6989.3	6913.2	6845.9	6769.1	6649.3	6493.2	6371.1
22.5°	6352.5	6396.3	6422.3	6401.0	6422.3	6396.3	6352.5	6300.8	6188.4	6067.3	5933.3
20°	5904.8	5960.2	5970.5	5992.9	5970.5	5960.2	5904.8	5838.6	5774.7	5670.8	5554.9
17.5°	5571.6	5607.9	5629.2	5634.0	5629.2	5607.9	5571.6	5509.3	5450.8	5357.3	5255.6
15°	5310.5	5339.6	5358.7	5367.1	5358.7	5339.6	5310.5	5260.3	5196.9	5116.4	5028.5
12.5°	5125.4	5160.9	5178.2	5188.8	5178.2	5160.9	5125.4	5082.8	5017.7	4954.4	4862.3
10°	5006.8	5041.0	5054.7	5059.8	5054.7	5041.0	5006.8	4965.8	4914.6	4843.7	4761.0
7.5°	4921.5	4943.5	4952.8	4960.0	4952.8	4943.5	4921.5	4889.1	4835.3	4762.0	4680.0
5°	4852.8	4870.3	4880.1	4890.5	4880.1	4870.3	4852.8	4814.3	4762.8	4697.4	4612.6
2.5°	4759.3	4784.3	4801.5	4812.0	4801.5	4784.3	4759.3	4724.4	4680.6	4618.3	4530.0
0°	4667.3	4690.9	4703.2	4723.4	4703.2	4690.9	4667.3	4632.6	4588.8	4527.2	4440.8
-2.5°	4566.3	4593.6	4625.9	4657.2	4625.9	4593.6	4566.3	4531.8	4493.5	4432.0	4349.6
-5°	4489.0	4525.1	4531.8	4551.8	4531.8	4525.1	4489.0	4444.9	4392.8	4325.9	4246.4
-7.5°	4372.4	4388.8	4416.8	4421.7	4416.8	4388.8	4372.4	4334.2	4270.2	4197.0	4112.2
-10°	4192.7	4219.4	4236.9	4254.7	4236.9	4219.4	4192.7	4152.4	4098.5	4026.9	3949.1
-12.5°	3981.6	4013.0	4041.1	4037.1	4041.1	4013.0	3981.6	3945.1	3896.5	3833.0	3754.8
-15°	3775.9	3806.3	3825.5	3822.9	3825.5	3806.3	3775.9	3730.5	3686.7	3625.1	3557.3
-17.5°	3571.8	3599.5	3627.3	3626.7	3627.3	3599.5	3571.8	3532.6	3483.2	3426.7	3355.5
-20°	3361.0	3384.7	3414.5	3427.1	3414.5	3384.7	3361.0	3327.2	3269.2	3207.7	3134.8



REPORT NUMBER: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3117.3	3147.6	3169.2	3182.6	3169.2	3147.6	3117.3	3073.9	3022.7	2950.3	2885.9
-25°	2833.1	2864.2	2880.7	2886.5	2880.7	2864.2	2833.1	2800.0	2750.2	2680.2	2613.1
-27.5°	2519.2	2554.1	2571.0	2562.4	2571.0	2554.1	2519.2	2486.8	2432.0	2385.3	2320.2
-30°	2197.3	2219.7	2222.3	2241.7	2222.3	2219.7	2197.3	2173.0	2126.8	2082.2	2028.3
-32.5°	1879.7	1894.7	1886.1	1887.3	1886.1	1894.7	1879.7	1852.9	1815.6	1777.2	1740.3
-35°	1566.0	1578.0	1580.4	1602.5	1580.4	1578.0	1566.0	1552.2	1529.9	1488.1	1473.3
-37.5°	1313.9	1318.8	1311.4	1300.8	1311.4	1318.8	1313.9	1298.9	1284.4	1257.4	1246.8
-40°	1100.1	1103.8	1101.1	1095.6	1101.1	1103.8	1100.1	1089.4	1089.0	1075.5	1061.1
-42.5°	946.3	946.3	943.8	943.1	943.8	946.3	946.3	939.0	937.1	925.1	906.4
-45°	832.6	833.8	833.6	833.2	833.6	833.8	832.6	827.4	823.9	815.7	800.5
-47.5°	744.5	744.7	743.6	741.3	743.6	744.7	744.5	740.7	735.3	727.9	716.2
-50°	666.4	666.4	667.9	670.6	667.9	666.4	666.4	663.8	659.6	654.2	645.5
-52.5°	600.5	600.3	601.2	602.2	601.2	600.3	600.5	598.5	594.8	590.1	582.8
-55°	540.1	539.8	539.0	537.2	539.0	539.8	540.1	538.7	535.5	530.7	523.5
-57.5°	482.4	481.7	480.3	477.7	480.3	481.7	482.4	481.2	478.2	474.2	469.5
-60°	427.4	427.7	427.0	425.0	427.0	427.7	427.4	426.0	423.5	421.6	418.6
-62.5°	377.3	376.5	376.4	375.7	376.4	376.5	377.3	377.0	375.5	373.5	370.7
-65°	330.4	329.6	329.9	329.7	329.9	329.6	330.4	330.1	328.8	327.1	325.2
-67.5°	286.2	286.0	286.2	286.0	286.2	286.0	286.2	285.6	284.2	282.9	281.7
-70°	245.5	245.6	244.3	242.2	244.3	245.6	245.5	244.8	243.5	242.2	241.0
-72.5°	205.1	204.3	204.4	204.1	204.4	204.3	205.1	205.2	204.8	203.7	202.4
-75°	166.8	166.4	167.4	168.2	167.4	166.4	166.8	166.9	166.6	166.2	166.1
-77.5°	132.8	131.8	132.7	133.4	132.7	131.8	132.8	133.5	133.8	133.7	133.6
-80°	103.1	102.8	102.5	102.0	102.5	102.8	103.1	103.2	103.2	102.9	103.2
-82.5°	76.4	76.0	75.6	75.1	75.6	76.0	76.4	76.7	76.7	76.7	76.4
-85°	48.3	48.0	48.7	49.3	48.7	48.0	48.3	48.5	48.6	48.6	48.7
-87.5°	22.2	22.3	21.8	21.3	21.8	22.3	22.2	22.1	21.9	21.6	21.6
-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: P558794 (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°	15.8	16.6	17.3	17.4	17.5	17.5	17.5	17.3	17.2	16.9	16.6
85°	49.9	50.1	50.1	50.9	51.4	51.6	51.4	50.5	49.3	47.7	45.8
82.5°	96.7	96.5	96.1	97.1	97.6	97.5	96.8	94.9	92.4	89.3	85.7
80°	150.1	149.9	149.6	151.7	152.7	152.6	151.2	147.8	143.3	138.7	134.1
77.5°	215.3	216.8	217.4	219.4	219.9	218.7	215.4	210.2	205.6	199.7	191.8
75°	297.2	299.1	300.4	302.4	302.5	300.7	297.3	291.0	282.6	272.1	258.2
72.5°	393.8	396.2	396.9	396.9	394.9	392.7	387.7	379.2	368.3	354.7	336.3
70°	507.6	509.3	508.6	505.3	501.3	495.9	487.5	475.6	460.4	444.4	421.8
67.5°	641.7	640.0	635.4	629.0	622.2	612.1	598.7	581.6	564.0	544.0	513.6
65°	793.9	788.6	782.5	773.9	761.1	744.0	723.2	701.6	678.7	650.8	612.4
62.5°	965.6	948.5	942.6	934.3	918.1	894.3	868.8	841.3	807.1	767.2	728.6
60°	1165.4	1150.9	1136.3	1117.0	1093.2	1063.5	1031.3	994.1	952.0	907.5	855.8
57.5°	1381.3	1361.8	1346.9	1321.1	1284.2	1249.4	1209.1	1157.8	1107.3	1055.7	994.0
55°	1639.7	1613.0	1581.4	1545.4	1505.8	1460.8	1405.6	1345.8	1284.0	1213.1	1147.2
52.5°	1893.1	1869.3	1833.0	1781.4	1735.0	1687.9	1623.1	1552.9	1483.1	1409.5	1317.1
50°	2192.7	2156.5	2106.8	2046.8	1998.2	1934.0	1861.8	1776.7	1704.0	1619.8	1518.0
47.5°	2493.8	2470.2	2411.7	2342.0	2296.9	2222.4	2133.5	2038.3	1958.0	1843.5	1732.6
45°	2874.7	2831.7	2766.1	2706.2	2635.7	2552.9	2439.5	2348.4	2241.2	2116.1	1955.4
42.5°	3321.0	3258.9	3173.8	3123.4	3038.8	2929.7	2803.6	2688.9	2555.0	2408.8	2224.1
40°	3862.0	3759.5	3673.1	3592.1	3495.6	3351.7	3211.9	3059.2	2899.2	2719.2	2478.9
37.5°	4483.3	4374.7	4247.2	4113.3	3988.7	3824.5	3637.3	3457.6	3265.2	2994.6	2720.5
35°	5130.3	5006.4	4849.0	4686.7	4493.0	4263.0	4069.8	3857.8	3595.2	3244.0	2944.1
32.5°	5769.1	5565.7	5395.2	5220.0	4930.1	4646.0	4438.1	4249.8	3803.8	3441.4	3140.5
30°	6231.1	5973.6	5800.8	5560.9	5197.1	4938.4	4740.8	4349.8	3934.7	3579.0	3293.5
27.5°	6332.1	6141.6	5966.2	5606.0	5292.7	5064.0	4755.2	4356.5	3979.1	3644.4	3368.0
25°	6138.0	5964.0	5750.6	5451.2	5189.7	4954.7	4630.3	4269.3	3930.6	3635.6	3325.2
22.5°	5769.4	5610.4	5416.1	5182.5	4960.7	4720.9	4435.1	4122.2	3830.9	3554.7	3254.3
20°	5417.2	5274.2	5094.1	4908.9	4718.2	4490.8	4219.6	3963.7	3726.6	3459.1	3169.0
17.5°	5140.4	4992.5	4851.1	4690.6	4495.2	4262.9	4067.7	3856.9	3622.6	3356.9	3071.6
15°	4909.6	4798.3	4663.5	4494.3	4315.0	4149.6	3964.0	3748.5	3515.0	3246.4	2980.8
12.5°	4768.8	4649.7	4502.5	4370.1	4220.8	4047.7	3856.4	3636.6	3413.4	3188.4	2950.2
10°	4656.1	4543.3	4422.1	4282.7	4125.0	3945.5	3766.6	3575.5	3367.6	3146.8	2911.1
7.5°	4583.9	4467.6	4338.4	4202.5	4051.2	3889.9	3714.4	3524.2	3314.4	3094.0	2862.9
5°	4513.7	4397.9	4273.8	4143.3	3988.7	3827.6	3653.9	3463.2	3252.5	3030.1	2805.2
2.5°	4433.5	4323.9	4204.2	4073.7	3916.6	3755.9	3584.5	3391.5	3183.9	2970.2	2739.5
0°	4343.2	4242.3	4113.4	3982.2	3834.1	3677.1	3505.5	3308.2	3105.2	2903.3	2663.4
-2.5°	4257.5	4150.0	4030.9	3900.8	3758.9	3596.4	3425.9	3235.0	3027.7	2823.6	2589.0
-5°	4152.7	4048.3	3928.7	3792.7	3649.8	3489.4	3319.9	3135.4	2931.6	2729.8	2505.6
-7.5°	4017.8	3917.5	3804.6	3669.2	3523.3	3363.0	3191.7	3007.3	2808.8	2609.2	2391.2
-10°	3855.8	3749.2	3634.4	3508.2	3371.5	3220.1	3050.6	2866.6	2675.5	2476.8	2267.2
-12.5°	3665.9	3564.5	3449.5	3326.1	3191.4	3043.3	2886.4	2710.8	2532.2	2332.5	2133.7
-15°	3463.7	3374.4	3261.2	3132.0	2994.4	2854.1	2705.1	2537.7	2372.7	2177.3	1990.8
-17.5°	3270.0	3171.7	3060.0	2940.8	2802.8	2655.2	2511.2	2357.8	2198.2	2020.2	1849.5
-20°	3052.6	2953.1	2849.6	2734.9	2603.4	2461.4	2314.7	2168.3	2018.4	1863.4	1708.2



REPORT NUMBER: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2807.2	2720.2	2622.3	2513.9	2385.1	2251.9	2117.4	1979.1	1837.3	1703.8	1564.6
-25°	2544.2	2465.2	2369.0	2266.5	2152.8	2032.5	1914.6	1791.8	1669.7	1544.6	1421.1
-27.5°	2259.8	2186.6	2103.2	2013.4	1912.8	1815.1	1710.8	1605.0	1506.4	1396.0	1288.3
-30°	1968.4	1911.4	1839.8	1755.4	1685.4	1603.9	1509.3	1434.0	1348.6	1254.1	1166.3
-32.5°	1687.9	1642.0	1583.2	1527.0	1468.5	1403.4	1338.7	1268.9	1194.3	1127.0	1055.2
-35°	1434.9	1396.6	1364.6	1322.5	1267.8	1224.6	1174.8	1117.4	1060.4	1006.4	948.7
-37.5°	1226.7	1192.6	1168.7	1137.4	1099.3	1059.0	1026.3	986.9	940.2	897.0	850.2
-40°	1048.0	1019.7	1002.3	983.5	957.5	919.8	899.2	869.8	837.7	796.1	758.5
-42.5°	905.0	891.6	871.8	859.9	839.5	814.0	787.4	770.5	744.7	712.3	681.6
-45°	795.7	787.1	770.0	758.2	743.2	723.0	695.9	683.2	663.8	641.3	612.2
-47.5°	708.1	701.9	689.3	673.7	662.1	644.6	625.7	607.8	596.4	577.1	553.3
-50°	635.6	629.6	618.3	602.8	592.2	578.9	563.9	546.2	535.4	519.0	499.2
-52.5°	573.0	565.3	555.4	542.6	532.2	523.0	509.7	493.3	479.1	467.9	453.4
-55°	514.0	507.5	500.8	491.6	480.4	471.4	458.8	444.7	433.0	423.3	410.8
-57.5°	464.2	458.4	451.2	442.4	432.2	423.4	413.9	403.0	390.9	381.8	370.2
-60°	413.8	407.5	402.3	395.7	387.7	379.6	371.9	362.5	351.4	342.4	332.3
-62.5°	366.7	361.6	357.3	352.0	345.6	338.4	331.5	323.6	314.5	305.1	296.7
-65°	322.4	318.8	315.0	310.5	305.1	299.1	293.1	286.5	279.1	270.8	262.9
-67.5°	279.6	276.5	273.3	269.9	266.1	261.9	257.2	251.5	245.3	238.5	231.9
-70°	238.9	235.9	233.3	231.3	229.1	226.2	222.5	218.1	213.1	207.7	201.8
-72.5°	200.7	198.6	197.0	195.9	194.0	191.7	189.0	185.9	182.2	178.1	172.6
-75°	165.5	164.4	163.3	162.4	161.0	158.9	156.7	154.4	151.5	148.0	143.5
-77.5°	133.2	132.4	131.5	130.6	129.3	127.4	125.2	123.4	121.5	118.7	115.3
-80°	103.1	102.7	102.1	101.4	100.5	99.2	97.7	96.0	93.7	91.1	88.6
-82.5°	76.1	75.5	74.8	74.3	73.4	72.3	71.0	69.7	68.2	66.6	64.7
-85°	48.6	48.5	48.1	47.7	47.1	46.6	46.0	45.4	44.7	43.9	42.9
-87.5°	21.6	21.5	21.3	21.9	22.3	22.7	22.9	22.7	22.3	21.9	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: P558794 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-930-U-WAF-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°	16.3	15.8	15.4	14.8	14.5	14.0	13.5	12.8	11.7	10.5	9.4
85°	43.5	40.8	37.8	34.5	31.4	28.1	27.0	25.6	23.4	21.1	18.7
82.5°	81.2	77.2	73.1	68.6	63.6	58.3	52.6	46.6	39.3	32.2	28.0
80°	128.1	121.6	114.3	106.4	97.7	88.4	80.7	72.3	61.9	51.9	42.3
77.5°	181.6	170.5	158.4	148.1	137.4	125.9	113.5	99.5	84.4	71.4	58.9
75°	241.1	227.1	212.7	197.0	180.3	163.4	148.7	131.5	111.1	91.1	75.3
72.5°	315.3	293.5	271.1	248.1	228.1	207.4	186.2	163.0	139.0	115.6	92.8
70°	394.6	364.6	336.5	308.8	279.9	251.4	226.8	198.1	166.6	139.6	113.5
67.5°	479.0	446.3	410.5	371.3	336.6	302.8	268.3	233.5	198.3	163.3	133.7
65°	574.9	533.6	488.9	445.8	399.8	354.7	316.1	270.2	229.2	190.6	153.5
62.5°	680.4	626.4	577.8	523.5	469.7	416.7	362.3	310.6	260.6	217.3	175.6
60°	799.9	740.6	672.4	611.7	546.8	481.7	417.1	349.6	295.1	243.3	198.1
57.5°	931.3	861.7	788.7	708.4	632.3	555.2	471.8	394.3	328.3	271.6	219.8
55°	1068.6	990.4	908.0	819.7	725.7	636.7	529.3	440.0	362.0	299.5	240.0
52.5°	1222.5	1128.9	1033.8	934.4	830.8	715.9	593.2	483.0	399.7	326.1	261.4
50°	1399.8	1282.8	1169.8	1055.5	937.4	799.1	652.9	534.6	435.1	353.1	281.8
47.5°	1602.0	1460.0	1320.0	1182.7	1052.1	876.5	718.6	583.7	468.0	381.8	300.7
45°	1811.3	1654.9	1485.4	1326.6	1145.2	954.7	782.6	629.0	507.9	406.8	318.2
42.5°	2021.5	1852.2	1670.3	1471.8	1240.9	1028.8	841.1	679.9	544.7	429.8	336.6
40°	2254.9	2048.9	1854.7	1606.6	1328.0	1096.3	901.2	727.6	577.7	453.0	354.9
37.5°	2477.5	2249.7	2036.2	1709.5	1407.6	1165.3	956.2	770.3	607.9	478.0	371.6
35°	2685.3	2444.4	2127.7	1793.2	1486.5	1223.7	1004.8	810.5	640.0	500.1	386.6
32.5°	2874.8	2569.1	2197.9	1858.5	1549.2	1271.4	1049.0	846.3	667.5	519.2	399.9
30°	3004.1	2615.8	2246.0	1905.7	1595.9	1317.7	1084.9	876.0	690.3	535.2	412.2
27.5°	3010.9	2637.4	2271.8	1935.2	1628.0	1351.5	1112.2	899.7	708.6	550.2	425.0
25°	2987.3	2627.9	2275.5	1946.1	1645.1	1379.3	1133.1	917.4	725.3	564.7	435.4
22.5°	2932.1	2594.1	2258.4	1938.7	1663.7	1398.4	1150.5	932.5	738.9	575.6	443.5
20°	2862.4	2539.1	2229.6	1945.9	1673.1	1410.7	1163.5	942.3	747.7	583.0	449.4
17.5°	2777.0	2495.5	2224.7	1944.6	1673.1	1414.3	1169.4	946.9	751.8	587.1	453.0
15°	2737.7	2478.4	2210.1	1934.2	1663.9	1409.6	1168.3	946.2	751.5	587.9	455.6
12.5°	2706.1	2451.5	2186.4	1914.8	1645.8	1396.8	1160.6	940.6	747.0	587.9	457.5
10°	2666.1	2414.8	2153.7	1886.6	1619.2	1376.5	1146.5	932.1	744.8	586.9	457.6
7.5°	2617.4	2368.4	2111.9	1849.6	1587.2	1353.6	1132.0	922.6	740.1	583.5	456.0
5°	2560.9	2317.2	2067.0	1814.1	1562.8	1329.5	1112.9	908.4	732.2	577.7	452.8
2.5°	2499.9	2264.3	2016.7	1771.2	1532.0	1299.4	1088.7	890.1	721.3	569.6	448.0
0°	2429.0	2202.5	1958.0	1720.3	1494.8	1263.8	1059.7	868.0	707.6	559.6	441.8
-2.5°	2366.7	2134.5	1894.7	1665.0	1440.7	1221.2	1028.1	845.8	692.4	549.7	435.3
-5°	2294.3	2057.8	1824.0	1602.6	1380.8	1174.2	992.8	820.6	674.7	538.1	427.5
-7.5°	2188.0	1963.9	1743.5	1532.5	1316.1	1123.4	954.1	793.0	654.8	524.8	418.6
-10°	2068.2	1857.7	1652.2	1453.3	1253.2	1073.4	913.3	763.2	633.0	510.1	408.6
-12.5°	1941.5	1745.8	1555.9	1370.3	1188.4	1023.9	874.2	733.9	609.8	494.0	397.5
-15°	1808.9	1629.1	1455.4	1284.5	1121.4	972.1	833.2	704.0	586.9	477.6	385.6
-17.5°	1673.9	1508.6	1351.4	1196.7	1053.0	918.1	790.8	672.6	562.8	461.2	373.7
-20°	1550.7	1396.1	1245.3	1107.9	984.1	862.6	747.4	639.9	537.6	443.9	361.6



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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°	1427.9	1292.3	1156.1	1025.4	916.4	805.9	703.4	606.2	511.5	425.8	348.7
-25°	1305.6	1189.0	1069.0	956.8	850.9	753.2	660.9	571.7	484.8	407.1	335.0
-27.5°	1190.4	1088.3	981.5	888.1	793.6	701.4	619.9	539.0	458.9	387.9	320.5
-30°	1080.4	992.2	903.0	820.8	737.0	656.2	578.9	506.3	435.2	369.3	305.4
-32.5°	978.8	897.4	828.1	758.4	684.9	611.4	540.8	473.8	411.5	350.7	291.3
-35°	884.4	816.3	755.4	697.9	634.6	570.7	506.0	441.6	387.8	331.6	277.4
-37.5°	794.6	744.4	692.3	641.2	584.6	530.8	473.1	415.1	364.2	312.1	263.2
-40°	720.6	677.8	634.3	587.5	540.2	491.8	440.2	389.9	341.2	292.1	248.7
-42.5°	650.2	617.0	579.5	535.4	499.0	455.7	407.8	364.3	318.9	274.0	234.1
-45°	587.6	559.4	527.4	494.3	459.5	420.0	379.2	338.5	296.7	257.1	219.9
-47.5°	528.6	507.6	481.6	453.9	421.8	385.6	350.3	313.9	274.4	240.2	206.3
-50°	478.8	460.8	439.9	414.8	384.8	354.2	321.9	289.3	255.7	223.5	192.5
-52.5°	435.7	418.4	399.7	376.5	351.1	322.7	295.7	265.2	236.6	207.3	178.4
-55°	395.1	378.2	361.0	341.3	318.4	294.7	269.9	243.9	217.2	191.2	164.3
-57.5°	356.8	340.3	325.6	307.9	288.7	268.0	245.6	222.3	198.7	174.8	151.7
-60°	320.0	306.6	292.1	277.5	260.8	242.0	222.0	201.0	180.3	158.6	139.0
-62.5°	286.2	274.1	262.1	248.8	233.5	216.6	198.5	180.7	161.6	144.1	126.1
-65°	254.4	244.4	233.0	220.5	206.5	191.7	176.4	160.1	144.8	129.4	113.2
-67.5°	224.1	214.8	203.7	192.2	181.1	168.7	154.4	141.4	128.4	114.5	100.4
-70°	194.4	185.4	176.2	167.4	157.4	146.0	134.7	123.4	111.8	100.3	87.5
-72.5°	165.9	158.8	151.4	143.4	134.8	125.4	115.4	105.5	96.3	86.0	74.6
-75°	138.1	132.7	126.9	120.5	112.9	104.8	97.0	89.0	80.8	71.7	63.1
-77.5°	111.4	107.2	102.7	98.0	92.2	86.0	79.4	72.5	65.8	59.2	52.1
-80°	86.3	83.6	80.5	76.9	72.2	67.1	62.3	57.5	52.3	46.8	41.0
-82.5°	63.0	61.1	59.0	56.4	53.2	49.8	46.4	42.8	38.8	34.5	30.2
-85°	41.6	40.1	38.4	36.5	34.5	32.5	30.5	28.4	25.7	23.0	20.2
-87.5°	20.7	19.8	18.9	18.0	17.2	16.2	15.3	14.2	12.9	11.5	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.1	6.9	5.5	4.2	2.8	1.4	0.0
85°	16.2	13.7	11.1	8.4	5.7	2.8	0.0
82.5°	24.3	20.5	16.6	12.6	8.5	4.2	0.0
80°	33.1	27.3	22.1	16.7	11.3	5.5	0.0
77.5°	47.0	35.6	27.5	20.9	14.0	6.9	0.0
75°	60.7	46.7	33.5	25.0	16.8	8.3	0.0
72.5°	74.2	57.6	42.0	29.0	19.5	9.6	0.0
70°	87.9	68.3	50.3	33.4	22.2	10.9	0.0
67.5°	104.8	78.8	58.5	39.3	24.8	12.2	0.0
65°	121.1	90.5	66.4	45.2	27.4	13.5	0.0
62.5°	137.0	103.2	74.2	50.8	29.9	14.7	0.0
60°	152.2	115.4	81.7	56.3	32.3	15.9	0.0
57.5°	169.4	127.2	90.7	61.7	35.8	17.1	0.0
55°	186.2	138.5	99.5	66.8	39.2	18.3	0.0
52.5°	202.0	149.6	107.9	71.8	42.4	19.4	0.0
50°	216.9	161.7	115.8	76.5	45.6	20.5	0.0
47.5°	231.1	173.1	123.4	81.3	48.6	21.5	0.0
45°	246.0	183.8	130.5	86.6	51.5	22.5	0.0
42.5°	259.6	193.6	137.2	91.6	54.3	23.4	0.0
40°	272.1	202.7	143.9	96.4	56.9	24.3	0.0
37.5°	283.3	210.9	150.7	100.9	59.4	25.2	0.0
35°	293.3	219.1	156.8	105.1	61.8	26.0	0.0
32.5°	302.9	226.8	162.4	109.0	64.0	26.7	0.0
30°	313.3	233.6	167.3	112.7	66.0	27.4	0.0
27.5°	322.2	239.4	172.1	116.0	67.9	28.1	0.0
25°	329.8	244.3	176.2	119.0	69.6	28.7	0.0
22.5°	335.9	248.6	179.8	121.6	71.2	29.2	0.0
20°	340.7	252.8	182.8	124.0	72.5	29.7	0.0
17.5°	345.0	256.3	185.2	126.0	73.8	30.1	0.0
15°	348.5	259.1	187.1	127.7	74.8	30.5	0.0
12.5°	350.7	261.1	188.4	129.1	75.7	30.8	0.0
10°	351.5	262.4	189.1	130.2	76.4	31.0	0.0
7.5°	351.1	262.9	189.4	130.9	76.9	31.2	0.0
5°	349.6	262.7	189.2	131.3	77.2	31.3	0.0
2.5°	346.9	261.8	188.5	131.4	77.4	31.4	0.0
0°	343.2	260.2	187.3	131.2	77.4	31.4	0.0
-2.5°	339.3	257.7	186.4	130.6	77.2	31.4	0.0
-5°	334.4	254.6	185.0	129.7	76.9	31.4	0.0
-7.5°	328.6	250.9	183.3	128.5	76.3	31.4	0.0
-10°	322.0	246.5	181.1	127.0	75.6	31.2	0.0
-12.5°	314.6	241.7	178.5	125.3	74.8	31.0	0.0
-15°	306.5	236.3	175.5	123.2	73.8	30.8	0.0
-17.5°	297.6	230.5	172.2	120.9	72.6	30.4	0.0
-20°	288.4	224.3	168.4	118.4	71.3	30.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	279.2	217.7	164.2	115.6	69.8	29.6	0.0
-25°	269.5	211.2	159.7	112.5	68.2	29.1	0.0
-27.5°	259.2	204.3	154.9	109.3	66.5	28.5	0.0
-30°	248.5	197.0	149.7	105.8	64.7	27.9	0.0
-32.5°	237.4	189.3	144.3	102.1	62.7	27.3	0.0
-35°	227.0	181.2	138.7	98.2	60.6	26.5	0.0
-37.5°	216.7	173.1	132.8	94.1	58.4	25.7	0.0
-40°	206.0	165.3	126.6	89.8	56.1	24.9	0.0
-42.5°	195.0	157.2	120.5	85.4	53.7	24.0	0.0
-45°	183.7	148.9	114.4	80.8	51.2	23.0	0.0
-47.5°	172.0	140.3	108.0	76.1	48.5	22.1	0.0
-50°	161.3	131.5	101.5	71.8	45.9	21.0	0.0
-52.5°	150.7	122.6	94.8	67.7	43.1	19.9	0.0
-55°	139.9	113.9	87.9	63.4	40.2	18.8	0.0
-57.5°	128.9	105.1	80.8	59.0	37.3	17.6	0.0
-60°	117.8	96.1	73.6	54.5	34.3	16.4	0.0
-62.5°	107.0	87.0	67.5	49.9	31.8	15.2	0.0
-65°	96.0	77.7	61.3	45.2	29.1	13.9	0.0
-67.5°	84.8	69.1	54.9	40.4	26.4	12.6	0.0
-70°	73.5	61.1	48.5	35.5	23.6	11.3	0.0
-72.5°	63.8	53.1	42.0	31.1	20.8	9.9	0.0
-75°	54.2	45.0	35.4	26.7	17.9	8.5	0.0
-77.5°	44.5	36.8	29.5	22.4	15.0	7.2	0.0
-80°	34.8	29.2	23.7	17.9	12.1	5.7	0.0
-82.5°	26.0	22.0	17.8	13.5	9.1	4.3	0.0
-85°	17.4	14.7	11.9	9.0	6.1	2.9	0.0
-87.5°	8.7	7.3	5.9	4.5	3.0	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)