

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: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559226 (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-SA6D-940-U-WAF-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

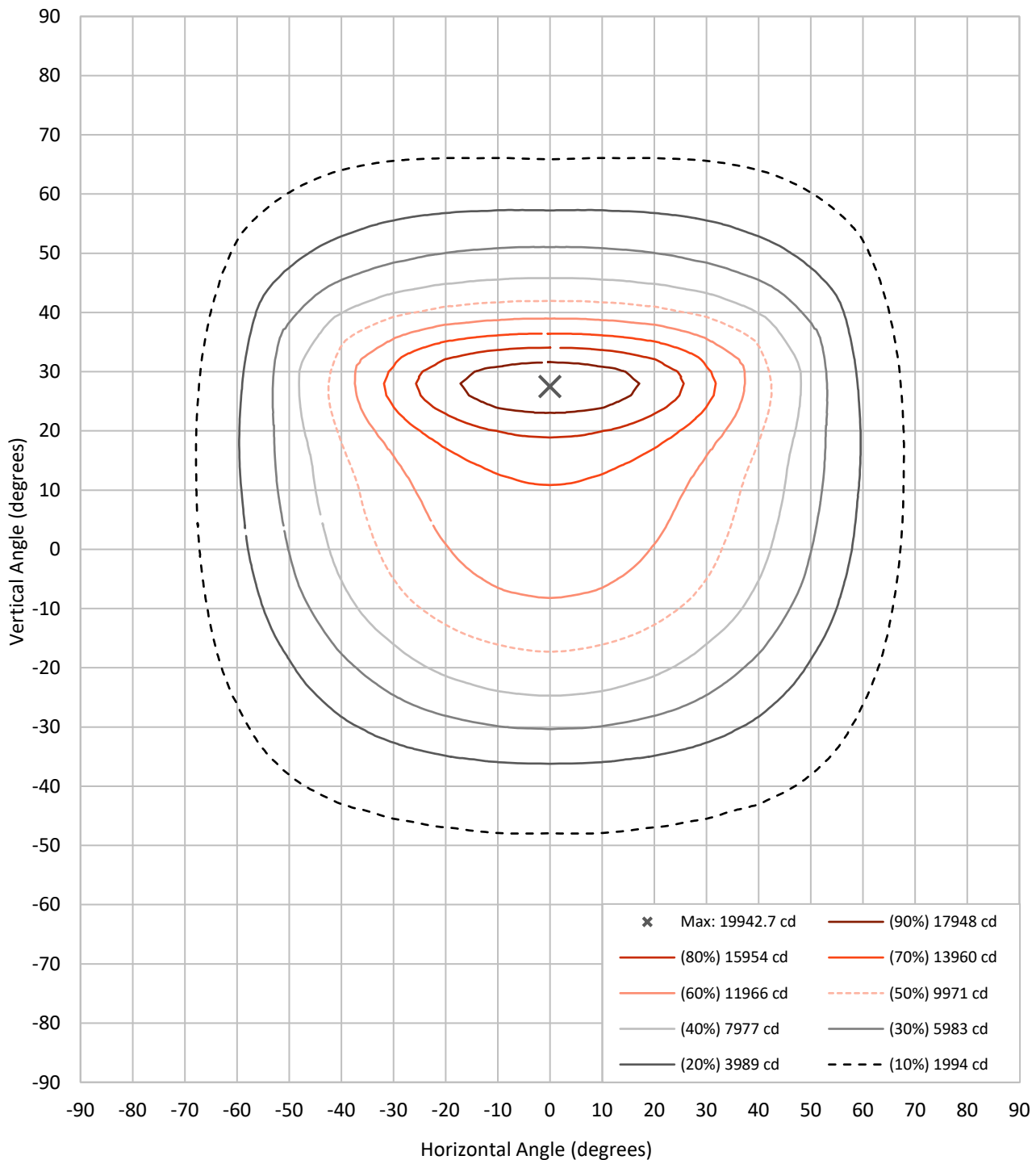
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29073 lumens	Max Intensity:	19942.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	91.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	15078.7 lumens	Field Lumens:	26895 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	319		
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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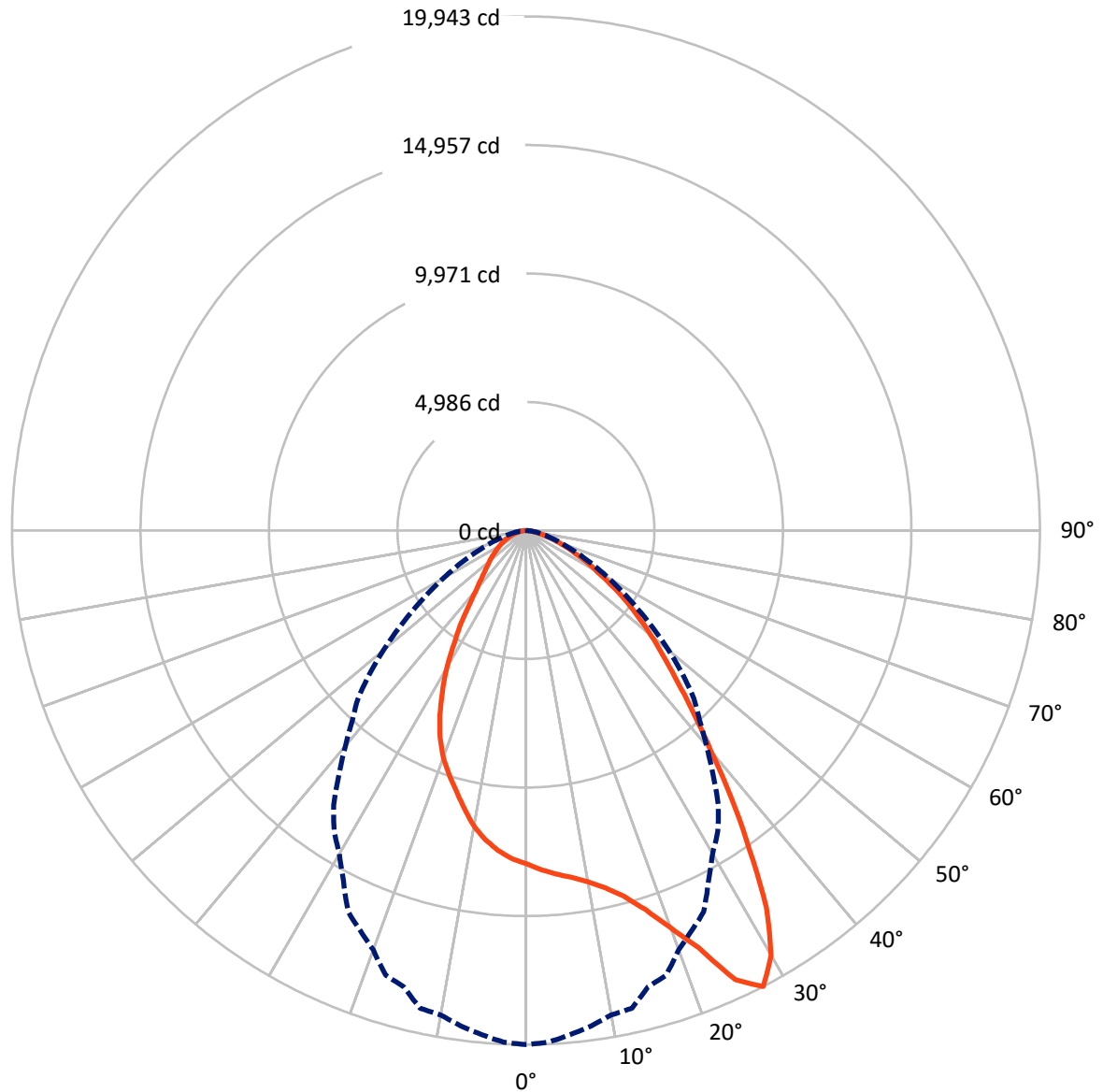
### Iso-Candela Plot





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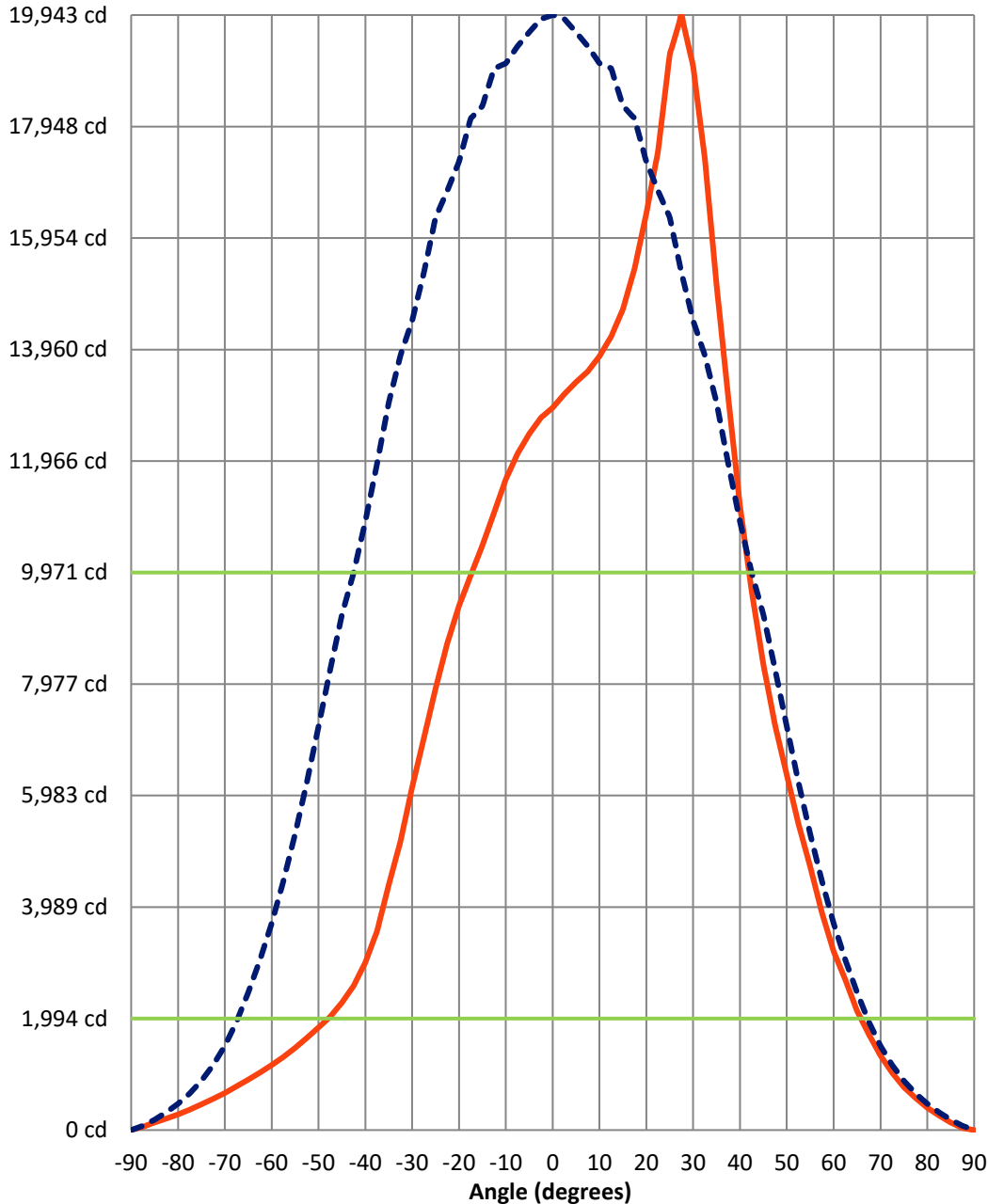
### Luminous Intensity Polar Plot



— 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: 15078.7  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 26895  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 2178  
 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	3.8	7.8	11.5	15.2	18.8	22.2	25.6	28.8	32.0	35.0
85°	0.0	7.6	15.5	23.0	30.3	37.5	44.4	51.1	57.6	63.9	69.9
82.5°	0.0	11.4	23.2	34.5	45.4	56.1	66.5	76.6	88.1	107.4	127.5
80°	0.0	15.2	30.9	45.9	60.5	74.7	90.5	115.7	142.0	169.4	197.8
77.5°	0.0	18.9	38.4	57.2	75.4	97.4	128.6	161.2	195.3	230.7	271.9
75°	0.0	22.6	46.0	68.4	91.8	127.8	166.1	206.2	249.3	303.8	359.6
72.5°	0.0	26.3	53.4	79.5	114.9	157.7	203.0	253.9	316.2	380.3	445.9
70°	0.0	29.9	60.7	91.5	137.7	187.0	240.7	310.4	381.9	455.7	541.8
67.5°	0.0	33.4	67.9	107.7	160.0	215.7	286.7	365.8	446.6	542.3	638.7
65°	0.0	36.9	74.9	123.6	181.8	247.6	331.4	419.9	521.4	627.1	739.1
62.5°	0.0	40.3	81.8	139.1	203.0	282.3	374.7	480.2	594.4	712.8	849.5
60°	0.0	43.6	88.5	154.1	223.5	315.8	416.4	542.0	665.5	807.2	956.4
57.5°	0.0	46.8	98.0	168.7	248.2	348.1	463.5	601.3	742.8	898.2	1078.6
55°	0.0	50.0	107.2	182.8	272.2	378.9	509.2	656.5	819.1	990.2	1203.6
52.5°	0.0	53.0	116.1	196.4	295.2	409.2	552.5	715.1	892.2	1093.4	1321.4
50°	0.0	56.0	124.7	209.4	317.0	442.4	593.3	770.8	965.9	1190.2	1462.4
47.5°	0.0	58.8	133.0	222.5	337.6	473.5	632.1	822.7	1044.5	1280.4	1596.8
45°	0.0	61.5	141.0	237.0	357.1	502.6	672.7	870.6	1112.9	1389.4	1720.6
42.5°	0.0	64.1	148.5	250.7	375.3	529.6	710.1	920.7	1175.8	1489.9	1859.7
40°	0.0	66.6	155.8	263.7	393.7	554.4	744.2	971.0	1239.2	1580.3	1990.2
37.5°	0.0	68.9	162.6	276.1	412.2	576.9	775.0	1016.6	1307.7	1662.9	2107.0
35°	0.0	71.1	169.0	287.6	429.0	599.3	802.4	1057.6	1368.0	1750.8	2217.0
32.5°	0.0	73.1	175.0	298.3	444.2	620.4	828.8	1093.8	1420.1	1825.9	2315.1
30°	0.0	75.1	180.6	308.2	457.8	638.9	857.0	1127.5	1464.0	1888.4	2396.4
27.5°	0.0	76.8	185.7	317.3	470.6	654.9	881.5	1162.4	1504.9	1938.3	2461.0
25°	0.0	78.4	190.4	325.5	482.0	668.3	902.1	1190.9	1544.6	1984.2	2509.5
22.5°	0.0	79.9	194.7	332.8	491.8	680.0	918.9	1213.1	1574.5	2021.3	2551.0
20°	0.0	81.2	198.5	339.2	499.9	691.6	932.0	1229.2	1594.8	2045.3	2577.8
17.5°	0.0	82.4	201.8	344.7	506.6	701.2	943.8	1239.2	1606.0	2056.7	2590.2
15°	0.0	83.4	204.6	349.4	511.6	708.8	953.3	1246.2	1608.2	2055.9	2588.5
12.5°	0.0	84.2	207.0	353.2	515.2	714.3	959.2	1251.4	1608.2	2043.6	2573.1
10°	0.0	84.9	208.9	356.1	517.3	717.8	961.5	1251.7	1605.6	2037.4	2549.7
7.5°	0.0	85.4	210.3	358.1	518.1	719.2	960.4	1247.4	1596.1	2024.6	2523.7
5°	0.0	85.7	211.3	359.2	517.4	718.7	956.1	1238.6	1580.2	2003.0	2484.9
2.5°	0.0	85.9	211.7	359.5	515.5	716.2	948.8	1225.6	1558.2	1973.3	2434.7
0°	0.0	85.9	211.7	358.9	512.3	711.7	938.7	1208.6	1530.7	1935.7	2374.3
-2.5°	0.0	86.0	211.2	357.3	509.8	705.0	927.9	1190.8	1503.7	1894.0	2313.5
-5°	0.0	86.0	210.2	354.8	506.2	696.4	914.6	1169.6	1471.8	1845.7	2244.8
-7.5°	0.0	85.8	208.8	351.5	501.4	686.2	898.9	1145.1	1435.7	1791.4	2169.2
-10°	0.0	85.4	206.9	347.5	495.4	674.3	880.8	1117.7	1395.4	1731.7	2087.6
-12.5°	0.0	84.8	204.5	342.7	488.3	661.0	860.6	1087.5	1351.6	1668.1	2007.5
-15°	0.0	84.1	201.8	337.1	480.2	646.4	838.3	1054.8	1306.6	1605.6	1925.7
-17.5°	0.0	83.2	198.6	330.8	470.9	630.5	814.1	1022.3	1261.7	1539.6	1839.8
-20°	0.0	82.2	195.0	323.8	460.6	613.6	788.9	989.2	1214.3	1470.6	1750.5



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 CATALOG NUMBER: GFLD-SA6D-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	81.0	191.0	316.1	449.3	595.6	763.8	953.8	1164.9	1399.3	1658.3
-25°	0.0	79.6	186.7	307.8	437.0	577.6	737.1	916.3	1113.6	1326.2	1563.9
-27.5°	0.0	78.1	182.0	298.9	423.7	558.9	709.0	876.7	1061.0	1255.3	1474.3
-30°	0.0	76.4	176.9	289.3	409.5	539.0	679.8	835.4	1010.1	1190.7	1385.0
-32.5°	0.0	74.5	171.5	279.2	394.8	517.9	649.3	796.8	959.4	1125.8	1296.1
-35°	0.0	72.5	165.8	268.5	379.4	495.8	620.9	758.8	907.2	1060.9	1208.1
-37.5°	0.0	70.4	159.7	257.4	363.2	473.6	592.8	719.9	853.7	996.3	1135.4
-40°	0.0	68.1	153.4	245.7	346.3	452.2	563.6	680.4	798.9	933.3	1066.6
-42.5°	0.0	65.6	146.8	233.6	329.5	430.1	533.5	640.4	749.7	872.5	996.5
-45°	0.0	63.0	139.9	221.1	312.8	407.3	502.5	601.6	703.4	811.5	925.9
-47.5°	0.0	60.3	132.8	208.2	295.6	383.9	470.6	564.5	657.1	750.6	858.5
-50°	0.0	57.5	125.4	196.6	277.7	359.9	441.4	526.6	611.4	699.4	791.4
-52.5°	0.0	54.5	117.8	185.2	259.3	335.3	412.3	488.1	567.1	647.3	725.6
-55°	0.0	51.4	110.0	173.4	240.4	311.6	382.7	449.4	523.0	594.3	667.2
-57.5°	0.0	48.2	102.0	161.4	221.0	287.5	352.7	415.1	478.2	543.6	608.2
-60°	0.0	44.9	93.8	149.0	201.3	263.0	322.4	380.3	434.0	493.1	549.9
-62.5°	0.0	41.5	86.8	136.4	184.6	237.9	292.7	345.1	394.2	442.1	494.2
-65°	0.0	38.1	79.6	123.5	167.6	212.5	262.6	309.6	353.9	396.1	438.0
-67.5°	0.0	34.5	72.2	110.4	150.3	188.9	232.0	274.6	313.2	351.1	386.8
-70°	0.0	30.8	64.6	97.0	132.7	167.2	201.1	239.4	274.3	305.8	337.4
-72.5°	0.0	27.1	56.9	85.0	114.9	145.3	174.5	203.9	235.2	263.4	288.6
-75°	0.0	23.4	49.0	73.1	96.9	123.1	148.3	172.5	196.0	221.0	243.5
-77.5°	0.0	19.6	41.0	61.1	80.7	100.7	121.8	142.4	161.9	180.1	198.3
-80°	0.0	15.7	32.9	49.0	64.7	80.0	95.2	112.2	128.2	143.2	157.2
-82.5°	0.0	11.8	24.8	36.8	48.6	60.1	71.3	82.8	94.3	106.2	117.2
-85°	0.0	7.9	16.6	24.6	32.5	40.1	47.6	55.3	62.9	70.3	77.7
-87.5°	0.0	3.9	8.3	12.3	16.2	20.1	23.8	27.7	31.5	35.2	38.9
-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: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-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°	36.8	38.4	39.6	40.5	42.0	43.4	44.6	45.5	46.4	47.0	47.5
85°	73.7	76.7	85.9	94.5	103.5	111.7	119.0	125.4	130.6	134.9	138.2
82.5°	143.9	159.3	173.8	187.6	200.1	211.3	222.1	234.4	244.4	252.7	259.4
80°	220.7	241.7	267.3	291.2	312.8	332.5	350.5	366.7	379.3	392.0	404.3
77.5°	310.3	344.3	375.9	405.1	433.3	466.3	496.8	524.7	546.2	562.5	575.0
75°	406.6	446.9	493.0	538.7	581.7	621.2	659.6	706.4	744.5	773.1	796.0
72.5°	509.4	567.4	623.8	678.5	741.5	802.8	862.3	919.9	970.3	1007.4	1037.4
70°	620.4	687.8	765.7	844.5	920.3	997.3	1079.4	1154.0	1215.8	1259.5	1301.1
67.5°	733.9	828.4	920.6	1015.5	1123.0	1220.8	1310.4	1404.9	1488.1	1543.0	1590.9
65°	864.6	970.4	1093.6	1219.4	1337.4	1459.6	1572.8	1675.2	1780.3	1856.6	1919.4
62.5°	991.0	1139.7	1285.0	1432.2	1580.5	1713.4	1861.2	1993.0	2098.7	2208.0	2301.6
60°	1140.9	1317.6	1495.8	1673.3	1839.2	2026.0	2188.0	2341.2	2482.5	2604.3	2719.5
57.5°	1290.5	1518.7	1729.5	1937.8	2157.3	2357.0	2547.5	2719.1	2888.0	3029.0	3167.2
55°	1447.9	1741.7	1985.0	2242.3	2483.7	2709.2	2923.3	3138.2	3318.2	3512.5	3681.5
52.5°	1622.6	1958.2	2272.6	2555.9	2828.0	3088.2	3344.2	3602.9	3855.7	4057.0	4248.1
50°	1785.9	2185.9	2564.1	2887.3	3200.1	3509.0	3829.0	4152.5	4431.0	4661.3	4860.1
47.5°	1965.7	2397.5	2877.9	3235.5	3610.8	3993.6	4382.1	4739.4	5042.8	5356.1	5575.7
45°	2140.8	2611.6	3132.8	3628.9	4063.2	4526.9	4954.8	5348.9	5788.6	6130.8	6424.2
42.5°	2300.7	2814.4	3394.6	4026.0	4569.1	5066.7	5529.8	6084.2	6589.3	6989.4	7355.4
40°	2465.2	2998.9	3632.6	4394.9	5073.5	5604.7	6168.3	6781.0	7438.5	7930.7	8368.4
37.5°	2615.6	3187.7	3850.4	4676.4	5570.1	6154.1	6777.3	7442.0	8191.6	8932.0	9458.1
35°	2748.7	3347.5	4066.4	4905.3	5820.3	6686.5	7345.7	8053.5	8874.0	9834.7	10553.1
32.5°	2869.4	3478.0	4237.8	5084.0	6012.2	7027.8	7864.1	8590.9	9413.9	10405.3	11625.3
30°	2967.8	3604.4	4365.5	5213.1	6143.9	7155.4	8217.6	9009.4	9790.5	10763.3	11898.8
27.5°	3042.5	3697.1	4453.4	5293.6	6214.4	7214.7	8236.3	9213.1	9969.3	10884.7	11917.3
25°	3099.7	3773.0	4500.0	5323.5	6224.7	7188.6	8171.7	9096.2	9945.0	10752.0	11678.7
22.5°	3147.2	3825.4	4551.0	5303.3	6177.8	7096.0	8020.7	8902.0	9723.7	10479.2	11276.3
20°	3182.8	3858.9	4576.8	5323.0	6099.0	6945.6	7829.9	8668.8	9462.4	10194.0	10842.7
17.5°	3198.8	3868.8	4576.8	5319.3	6085.7	6826.3	7596.3	8402.5	9182.7	9909.6	10550.5
15°	3195.9	3855.9	4551.6	5291.0	6045.8	6779.5	7488.8	8154.0	8880.5	9615.4	10253.9
12.5°	3174.8	3821.0	4502.1	5238.0	5981.0	6705.9	7402.5	8070.3	8721.8	9337.2	9947.7
10°	3136.2	3765.2	4429.3	5160.7	5891.4	6605.6	7293.2	7963.2	8607.9	9212.1	9780.7
7.5°	3096.7	3702.8	4341.7	5059.5	5777.1	6478.7	7160.0	7831.3	8463.5	9066.4	9640.5
5°	3044.5	3636.7	4275.0	4962.5	5654.3	6338.8	7005.5	7673.4	8288.9	8897.2	9473.7
2.5°	2978.2	3554.5	4190.8	4845.1	5516.8	6194.0	6838.4	7493.9	8124.9	8709.6	9277.5
0°	2898.9	3457.2	4089.2	4705.7	5356.1	6024.8	6644.5	7285.6	7942.1	8494.3	9049.5
-2.5°	2812.5	3340.7	3941.0	4554.4	5183.0	5838.9	6474.2	7082.0	7724.0	8282.2	8849.2
-5°	2715.7	3212.0	3777.3	4383.8	4989.7	5629.0	6276.1	6854.0	7467.4	8019.3	8577.0
-7.5°	2609.9	3073.1	3600.2	4192.2	4769.3	5372.3	5985.2	6541.2	7137.4	7683.4	8226.6
-10°	2498.2	2936.1	3428.1	3975.6	4519.7	5081.7	5657.5	6201.9	6775.2	7318.9	7841.6
-12.5°	2391.3	2801.0	3250.8	3748.6	4256.3	4775.6	5311.0	5836.7	6380.5	6926.8	7415.5
-15°	2279.1	2659.0	3067.5	3513.7	3981.2	4456.5	4948.2	5445.7	5956.1	6490.6	6942.0
-17.5°	2163.1	2511.5	2880.5	3273.6	3696.6	4126.9	4579.0	5059.1	5526.2	6013.1	6449.7
-20°	2044.4	2359.6	2691.9	3030.7	3406.4	3819.1	4242.0	4672.8	5097.3	5521.3	5931.3



REPORT NUMBER: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-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°	1924.0	2204.5	2506.9	2805.0	3162.4	3534.9	3906.0	4280.0	4660.8	5025.8	5413.8
-25°	1807.8	2060.5	2327.6	2617.3	2924.1	3252.5	3571.4	3887.5	4225.2	4567.4	4901.3
-27.5°	1695.7	1918.6	2170.9	2429.3	2684.9	2977.2	3256.2	3524.2	3818.9	4120.7	4390.5
-30°	1583.4	1795.1	2016.0	2245.4	2470.2	2714.2	2955.4	3190.5	3430.5	3689.1	3922.7
-32.5°	1479.3	1672.5	1873.5	2074.5	2265.4	2454.6	2677.6	2886.4	3082.9	3267.0	3470.9
-35°	1384.1	1561.2	1735.9	1909.3	2066.5	2232.9	2419.4	2595.3	2752.9	2900.8	3056.7
-37.5°	1294.3	1452.0	1599.1	1754.0	1893.8	2036.4	2173.5	2325.7	2453.6	2571.8	2699.7
-40°	1204.2	1345.2	1477.7	1607.1	1735.2	1854.3	1971.4	2074.9	2177.8	2291.4	2379.4
-42.5°	1115.5	1246.5	1365.0	1464.4	1585.2	1687.8	1778.8	1864.5	1948.6	2037.2	2107.7
-45°	1037.3	1148.8	1257.0	1352.1	1442.7	1530.2	1607.4	1674.8	1754.3	1815.8	1869.0
-47.5°	958.3	1055.0	1153.8	1241.6	1317.4	1388.5	1445.9	1513.6	1578.8	1631.5	1662.6
-50°	880.7	969.0	1052.7	1134.5	1203.2	1260.3	1309.8	1365.5	1419.7	1464.5	1494.1
-52.5°	809.0	882.8	960.4	1030.1	1093.3	1144.4	1191.7	1240.1	1279.9	1310.6	1349.4
-55°	738.3	806.3	871.1	933.6	987.7	1034.5	1080.8	1123.8	1157.8	1184.4	1216.4
-57.5°	671.9	733.2	789.7	842.2	890.7	931.0	976.0	1012.8	1044.4	1069.3	1102.4
-60°	607.1	662.0	713.4	759.0	798.9	838.6	875.3	909.1	936.7	961.4	991.7
-62.5°	542.8	592.4	638.6	680.6	716.8	749.7	782.8	811.6	834.7	860.2	885.3
-65°	482.5	524.3	564.8	603.1	637.3	668.6	695.9	719.1	740.8	763.5	783.7
-67.5°	422.3	461.4	495.4	525.8	557.4	587.7	612.9	634.4	652.6	671.1	688.0
-70°	368.5	399.5	430.6	458.0	482.1	507.4	531.9	552.2	568.3	582.8	596.7
-72.5°	315.6	343.1	368.7	392.4	414.3	434.5	453.9	472.2	487.3	498.6	508.5
-75°	265.4	286.7	308.8	329.5	347.3	363.1	377.9	392.5	404.8	414.5	422.5
-77.5°	217.2	235.2	252.1	268.0	280.8	293.3	304.9	315.4	324.9	332.3	337.7
-80°	170.5	183.6	197.3	210.3	220.2	228.7	236.0	242.3	249.2	256.4	262.6
-82.5°	126.9	136.3	145.4	154.3	161.2	167.0	172.1	177.0	182.0	186.6	190.7
-85°	83.5	88.9	94.5	99.9	105.1	109.8	113.8	117.2	119.9	122.2	124.2
-87.5°	41.8	44.5	47.0	49.3	51.8	54.2	56.5	58.5	59.9	61.1	62.1
-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: P559226 (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°
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°	47.8	47.9	47.8	47.6	47.2	45.3	43.2	41.0	38.6	39.7	40.8
85°	140.6	141.2	140.7	139.3	137.0	136.9	136.4	135.6	134.3	136.3	138.1
82.5°	264.6	266.6	266.9	265.6	263.0	264.1	264.6	264.1	262.5	264.4	265.6
80°	413.7	417.5	417.8	414.9	409.3	410.1	410.5	409.3	406.6	407.3	407.1
77.5°	589.3	598.4	601.6	600.2	594.6	592.9	588.9	580.9	569.1	568.9	569.2
75°	813.3	822.6	827.4	827.1	821.7	818.1	813.0	803.7	790.6	790.1	790.2
72.5°	1060.5	1074.2	1080.3	1085.8	1085.8	1083.8	1077.1	1063.3	1043.0	1040.6	1043.1
70°	1333.6	1356.6	1371.1	1382.3	1391.2	1393.0	1388.7	1377.5	1359.8	1355.1	1353.7
67.5°	1637.7	1674.4	1702.2	1720.7	1738.1	1750.7	1755.4	1750.4	1736.0	1731.3	1733.2
65°	1978.5	2035.2	2082.0	2117.0	2140.6	2157.2	2171.7	2180.3	2182.4	2187.5	2194.2
62.5°	2376.6	2446.3	2511.4	2555.7	2578.6	2594.7	2641.4	2668.3	2676.1	2677.7	2688.0
60°	2821.2	2909.2	2990.4	3055.7	3108.4	3148.2	3188.1	3214.3	3224.2	3226.1	3240.4
57.5°	3307.4	3417.9	3512.9	3614.0	3684.5	3725.2	3778.4	3833.2	3861.8	3870.0	3903.7
55°	3845.2	3996.0	4119.3	4227.4	4325.7	4412.2	4485.4	4541.9	4583.7	4608.8	4653.4
52.5°	4440.0	4617.2	4746.1	4872.9	5014.0	5113.4	5178.5	5283.0	5358.6	5400.2	5453.4
50°	5093.0	5290.4	5466.1	5599.1	5763.2	5899.0	5998.1	6097.0	6166.2	6205.8	6257.3
47.5°	5836.3	6079.5	6283.4	6406.7	6597.1	6757.2	6821.7	6896.4	7026.8	7089.5	7144.5
45°	6673.3	6983.5	7210.0	7402.9	7566.7	7746.1	7863.7	7948.5	8077.0	8141.5	8182.1
42.5°	7669.2	8014.2	8312.6	8544.2	8681.9	8914.6	9084.5	9132.3	9314.2	9437.7	9474.0
40°	8786.0	9168.5	9562.1	9826.1	10047.8	10284.2	10564.4	10720.4	10874.2	10995.2	11022.6
37.5°	9949.9	10461.9	10911.1	11251.9	11618.4	11967.2	12264.1	12426.0	12527.0	12758.5	12844.9
35°	11133.0	11661.4	12290.7	12820.4	13264.5	13695.1	14033.9	14300.6	14554.6	14763.0	14887.8
32.5°	12140.6	12709.1	13486.2	14279.3	14758.8	15225.1	15781.4	16086.6	16425.5	16700.2	16900.7
30°	12968.5	13509.1	14216.6	15211.8	15868.2	16340.9	17045.1	17467.1	17836.2	18301.5	18463.5
27.5°	13007.8	13852.7	14478.3	15335.4	16320.6	16800.3	17321.4	18088.5	18321.1	18984.8	19080.4
25°	12666.4	13553.4	14196.4	14911.8	15730.9	16314.5	16790.5	17428.2	17762.2	18189.0	18516.7
22.5°	12132.3	12914.1	13569.9	14176.6	14815.8	15347.2	15782.2	16230.6	16597.1	16928.2	17235.8
20°	11542.5	12284.7	12906.6	13428.3	13934.8	14427.4	14818.8	15195.3	15512.3	15796.6	15971.6
17.5°	11127.2	11661.1	12296.6	12831.0	13270.2	13656.9	14061.6	14376.8	14654.8	14910.6	15070.6
15°	10843.6	11351.3	11803.8	12294.2	12757.0	13125.6	13430.4	13755.6	13995.9	14216.1	14389.5
12.5°	10549.3	11072.4	11545.9	11954.3	12316.6	12719.2	13045.0	13300.7	13552.8	13725.8	13903.9
10°	10303.4	10792.9	11283.9	11715.3	12096.5	12428.2	12736.7	13023.5	13249.7	13443.7	13584.0
7.5°	10160.7	10640.7	11082.0	11495.9	11867.4	12221.0	12539.1	12802.1	13026.3	13227.0	13374.0
5°	9995.3	10470.4	10911.0	11333.9	11690.8	12030.4	12347.3	12617.9	12849.9	13028.8	13169.4
2.5°	9805.5	10274.3	10713.8	11143.6	11500.5	11828.0	12127.8	12391.7	12633.5	12803.9	12923.6
0°	9589.4	10058.8	10488.2	10893.2	11252.1	11604.8	11880.9	12147.8	12384.0	12552.7	12672.4
-2.5°	9371.4	9837.9	10282.4	10670.4	11026.6	11352.4	11646.3	11898.3	12123.9	12291.9	12396.9
-5°	9081.6	9545.2	9983.9	10374.9	10747.1	11074.0	11359.7	11616.1	11833.4	12016.5	12159.0
-7.5°	8730.8	9199.6	9637.9	10037.0	10407.4	10716.4	10990.7	11249.0	11481.0	11681.1	11856.3
-10°	8345.0	8808.7	9222.7	9596.6	9941.8	10255.9	10547.7	10802.9	11015.5	11211.4	11359.0
-12.5°	7895.7	8325.0	8730.0	9098.5	9436.0	9750.5	10028.1	10271.1	10485.1	10658.9	10791.8
-15°	7399.9	7807.4	8191.1	8567.7	8921.0	9230.8	9475.0	9731.1	9916.5	10085.1	10204.8
-17.5°	6869.4	7263.4	7667.0	8044.6	8370.6	8676.3	8945.0	9179.0	9373.7	9528.2	9663.4
-20°	6331.8	6733.2	7121.5	7481.4	7795.0	8078.3	8350.4	8575.2	8774.7	8942.8	9101.3



REPORT NUMBER: P559226 (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°	5792.0	6160.0	6524.5	6876.6	7173.2	7441.1	7679.2	7894.3	8070.4	8268.7	8408.6
-25°	5237.2	5559.8	5889.1	6200.0	6480.4	6743.7	6959.6	7148.2	7331.7	7523.1	7659.5
-27.5°	4680.0	4965.1	5232.6	5507.7	5753.4	5981.4	6181.8	6346.9	6525.0	6652.8	6802.8
-30°	4128.8	4387.5	4610.5	4802.0	5033.0	5228.7	5384.6	5548.6	5695.8	5817.9	5944.2
-32.5°	3662.1	3839.0	4017.1	4177.2	4330.8	4491.7	4617.3	4760.4	4861.4	4966.6	5068.7
-35°	3213.6	3349.8	3468.1	3617.8	3733.0	3820.6	3925.4	4030.3	4070.7	4185.1	4246.0
-37.5°	2807.4	2896.8	3007.2	3111.5	3197.0	3262.4	3355.7	3410.7	3439.7	3513.7	3553.3
-40°	2459.7	2516.2	2619.2	2690.4	2741.9	2789.4	2866.9	2902.7	2942.2	2979.0	2980.1
-42.5°	2153.9	2226.6	2296.4	2352.4	2384.8	2439.0	2475.5	2479.5	2530.7	2563.5	2568.5
-45°	1903.8	1977.6	2033.0	2074.1	2106.4	2153.1	2176.6	2189.7	2231.5	2253.7	2263.4
-47.5°	1711.6	1763.2	1811.1	1842.8	1885.4	1919.9	1937.1	1959.1	1991.2	2011.6	2026.1
-50°	1542.6	1583.5	1619.9	1649.0	1691.5	1722.2	1738.7	1765.7	1789.6	1804.4	1815.8
-52.5°	1394.1	1430.5	1455.8	1484.1	1519.2	1546.5	1567.5	1594.2	1614.1	1627.1	1637.3
-55°	1255.0	1289.3	1314.0	1344.7	1369.8	1388.1	1406.0	1432.2	1451.7	1464.9	1473.6
-57.5°	1132.3	1158.0	1182.2	1210.2	1234.1	1253.9	1269.9	1284.4	1297.2	1308.1	1316.5
-60°	1017.3	1038.3	1060.4	1082.3	1100.4	1114.7	1131.8	1145.0	1153.2	1158.4	1165.4
-62.5°	906.8	925.7	945.3	962.9	977.3	989.3	1003.2	1014.0	1021.7	1027.1	1031.2
-65°	801.7	818.0	834.6	849.3	861.7	872.1	881.9	889.5	894.9	899.5	903.1
-67.5°	703.5	716.4	728.0	738.1	747.5	756.3	764.9	770.7	773.9	777.6	781.4
-70°	608.7	618.9	626.6	632.7	638.2	645.2	653.4	659.2	662.5	666.1	669.6
-72.5°	517.0	524.5	530.8	535.8	538.9	543.4	549.1	553.7	557.3	560.0	561.3
-75°	428.7	434.8	440.4	444.3	446.6	449.8	452.7	454.3	454.5	455.8	456.6
-77.5°	342.4	348.4	353.6	357.4	359.6	362.3	364.4	365.5	365.7	365.9	365.1
-80°	267.3	271.4	274.8	277.4	279.1	281.0	282.0	282.2	281.6	282.2	282.4
-82.5°	194.2	197.8	200.8	203.1	204.7	206.5	208.0	209.1	209.7	209.9	209.7
-85°	125.7	127.4	129.0	130.4	131.7	132.6	133.0	133.1	132.8	132.9	132.7
-87.5°	62.8	62.1	61.1	59.9	58.4	58.8	59.1	59.3	59.3	59.9	60.5
-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: P559226 (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°	41.8	42.7	39.8	36.8	39.8	42.7	41.8	40.8	39.7	38.6	41.0
85°	139.4	140.4	137.9	135.0	137.9	140.4	139.4	138.1	136.3	134.3	135.6
82.5°	266.0	265.5	263.5	260.7	263.5	265.5	266.0	265.6	264.4	262.5	264.1
80°	405.6	402.9	401.4	398.8	401.4	402.9	405.6	407.1	407.3	406.6	409.3
77.5°	567.8	564.7	569.7	573.6	569.7	564.7	567.8	569.2	568.9	569.1	580.9
75°	787.1	781.1	775.2	766.9	775.2	781.1	787.1	790.2	790.1	790.6	803.7
72.5°	1041.9	1037.2	1032.5	1024.6	1032.5	1037.2	1041.9	1043.1	1040.6	1043.0	1063.3
70°	1345.6	1331.3	1333.7	1334.4	1333.7	1331.3	1345.6	1353.7	1355.1	1359.8	1377.5
67.5°	1727.6	1714.7	1716.3	1714.8	1716.3	1714.7	1727.6	1733.2	1731.3	1736.0	1750.4
65°	2190.1	2175.6	2157.9	2132.0	2157.9	2175.6	2190.1	2194.2	2187.5	2182.4	2180.3
62.5°	2686.7	2673.8	2681.2	2687.2	2681.2	2673.8	2686.7	2688.0	2677.7	2676.1	2668.3
60°	3238.1	3220.0	3211.1	3196.5	3211.1	3220.0	3238.1	3240.4	3226.1	3224.2	3214.3
57.5°	3919.1	3915.8	3907.9	3886.7	3907.9	3915.8	3919.1	3903.7	3870.0	3861.8	3833.2
55°	4674.4	4670.1	4687.5	4708.8	4687.5	4670.1	4674.4	4653.4	4608.8	4583.7	4541.9
52.5°	5492.6	5506.4	5501.5	5472.7	5501.5	5506.4	5492.6	5453.4	5400.2	5358.6	5283.0
50°	6302.7	6318.2	6334.8	6350.0	6334.8	6318.2	6302.7	6257.3	6205.8	6166.2	6097.0
47.5°	7220.7	7261.6	7268.7	7239.6	7268.7	7261.6	7220.7	7144.5	7089.5	7026.8	6896.4
45°	8263.7	8288.4	8300.9	8325.6	8300.9	8288.4	8263.7	8182.1	8141.5	8077.0	7948.5
42.5°	9578.6	9607.1	9611.6	9638.5	9611.6	9607.1	9578.6	9474.0	9437.7	9314.2	9132.3
40°	11139.4	11185.7	11177.7	11166.2	11177.7	11185.7	11139.4	11022.6	10995.2	10874.2	10720.4
37.5°	12966.6	13045.1	13053.4	13101.9	13053.4	13045.1	12966.6	12844.9	12758.5	12527.0	12426.0
35°	15017.1	15109.6	15093.5	15117.3	15093.5	15109.6	15017.1	14887.8	14763.0	14554.6	14300.6
32.5°	17085.4	17224.2	17252.1	17368.9	17252.1	17224.2	17085.4	16900.7	16700.2	16425.5	16086.6
30°	18710.5	18905.0	19032.0	19022.4	19032.0	18905.0	18710.5	18463.5	18301.5	17836.2	17467.1
27.5°	19383.7	19635.6	19871.5	19942.7	19871.5	19635.6	19383.7	19080.4	18984.8	18321.1	18088.5
25°	18726.9	18911.0	19119.3	19231.0	19119.3	18911.0	18726.9	18516.7	18189.0	17762.2	17428.2
22.5°	17377.2	17497.0	17568.0	17510.0	17568.0	17497.0	17377.2	17235.8	16928.2	16597.1	16230.6
20°	16152.6	16304.1	16332.3	16393.4	16332.3	16304.1	16152.6	15971.6	15796.6	15512.3	15195.3
17.5°	15241.2	15340.4	15398.7	15411.8	15398.7	15340.4	15241.2	15070.6	14910.6	14654.8	14376.8
15°	14526.8	14606.4	14658.6	14681.7	14658.6	14606.4	14526.8	14389.5	14216.1	13995.9	13755.6
12.5°	14020.6	14117.6	14165.1	14193.9	14165.1	14117.6	14020.6	13903.9	13725.8	13552.8	13300.7
10°	13696.0	13789.5	13827.3	13841.2	13827.3	13789.5	13696.0	13584.0	13443.7	13249.7	13023.5
7.5°	13462.9	13522.9	13548.3	13568.1	13548.3	13522.9	13462.9	13374.0	13227.0	13026.3	12802.1
5°	13274.8	13322.6	13349.5	13377.9	13349.5	13322.6	13274.8	13169.4	13028.8	12849.9	12617.9
2.5°	13018.8	13087.2	13134.6	13163.2	13134.6	13087.2	13018.8	12923.6	12803.9	12633.5	12391.7
0°	12767.5	12831.9	12865.6	12920.9	12865.6	12831.9	12767.5	12672.4	12552.7	12384.0	12147.8
-2.5°	12491.1	12565.7	12654.3	12739.9	12654.3	12565.7	12491.1	12396.9	12291.9	12123.9	11898.3
-5°	12279.7	12378.2	12396.8	12451.5	12396.8	12378.2	12279.7	12159.0	12016.5	11833.4	11616.1
-7.5°	11960.7	12005.7	12082.1	12095.7	12082.1	12005.7	11960.7	11856.3	11681.1	11481.0	11249.0
-10°	11469.3	11542.3	11590.0	11638.6	11590.0	11542.3	11469.3	11359.0	11211.4	11015.5	10802.9
-12.5°	10891.7	10977.6	11054.3	11043.5	11054.3	10977.6	10891.7	10791.8	10658.9	10485.1	10271.1
-15°	10329.1	10412.0	10464.7	10457.6	10464.7	10412.0	10329.1	10204.8	10085.1	9916.5	9731.1
-17.5°	9770.6	9846.3	9922.5	9920.7	9922.5	9846.3	9770.6	9663.4	9528.2	9373.7	9179.0
-20°	9194.0	9258.8	9340.4	9374.7	9340.4	9258.8	9194.0	9101.3	8942.8	8774.7	8575.2



REPORT NUMBER: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-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°	8527.2	8610.1	8669.4	8705.9	8669.4	8610.1	8527.2	8408.6	8268.7	8070.4	7894.3
-25°	7750.0	7835.1	7880.2	7896.1	7880.2	7835.1	7750.0	7659.5	7523.1	7331.7	7148.2
-27.5°	6891.2	6986.7	7033.0	7009.5	7033.0	6986.7	6891.2	6802.8	6652.8	6525.0	6346.9
-30°	6010.7	6071.9	6079.0	6132.2	6079.0	6071.9	6010.7	5944.2	5817.9	5695.8	5548.6
-32.5°	5141.8	5182.9	5159.6	5162.8	5159.6	5182.9	5141.8	5068.7	4966.6	4861.4	4760.4
-35°	4283.9	4316.7	4323.2	4383.6	4323.2	4316.7	4283.9	4246.0	4185.1	4070.7	4030.3
-37.5°	3594.3	3607.5	3587.3	3558.5	3587.3	3607.5	3594.3	3553.3	3513.7	3439.7	3410.7
-40°	3009.3	3019.5	3012.0	2997.1	3012.0	3019.5	3009.3	2980.1	2979.0	2942.2	2902.7
-42.5°	2588.5	2588.6	2581.7	2579.9	2581.7	2588.6	2588.5	2568.5	2563.5	2530.7	2479.5
-45°	2277.6	2280.9	2280.4	2279.3	2280.4	2280.9	2277.6	2263.4	2253.7	2231.5	2189.7
-47.5°	2036.5	2037.1	2033.9	2027.7	2033.9	2037.1	2036.5	2026.1	2011.6	1991.2	1959.1
-50°	1822.9	1822.9	1827.1	1834.4	1827.1	1822.9	1822.9	1815.8	1804.4	1789.6	1765.7
-52.5°	1642.6	1642.2	1644.5	1647.3	1644.5	1642.2	1642.6	1637.3	1627.1	1614.1	1594.2
-55°	1477.6	1476.7	1474.5	1469.4	1474.5	1476.7	1477.6	1473.6	1464.9	1451.7	1432.2
-57.5°	1319.7	1317.8	1313.8	1306.8	1313.8	1317.8	1319.7	1316.5	1308.1	1297.2	1284.4
-60°	1169.3	1169.9	1168.0	1162.6	1168.0	1169.9	1169.3	1165.4	1158.4	1153.2	1145.0
-62.5°	1032.2	1030.1	1029.7	1027.7	1029.7	1030.1	1032.2	1031.2	1027.1	1021.7	1014.0
-65°	903.8	901.7	902.4	901.9	902.4	901.7	903.8	903.1	899.5	894.9	889.5
-67.5°	782.9	782.2	782.8	782.2	782.8	782.2	782.9	781.4	777.6	773.9	770.7
-70°	671.5	671.8	668.3	662.6	668.3	671.8	671.5	669.6	666.1	662.5	659.2
-72.5°	561.0	559.0	559.2	558.3	559.2	559.0	561.0	561.3	560.0	557.3	553.7
-75°	456.4	455.1	458.0	460.1	458.0	455.1	456.4	456.6	455.8	454.5	454.3
-77.5°	363.4	360.7	363.1	365.0	363.1	360.7	363.4	365.1	365.9	365.7	365.5
-80°	282.1	281.1	280.4	279.2	280.4	281.1	282.1	282.4	282.2	281.6	282.2
-82.5°	209.0	207.8	206.9	205.5	206.9	207.8	209.0	209.7	209.9	209.7	209.1
-85°	132.2	131.4	133.3	135.0	133.3	131.4	132.2	132.7	132.9	132.8	133.1
-87.5°	60.9	61.2	59.8	58.3	59.8	61.2	60.9	60.5	59.9	59.3	59.3
-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: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-WAF-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°	43.2	45.3	47.2	47.6	47.8	47.9	47.8	47.5	47.0	46.4	45.5
85°	136.4	136.9	137.0	139.3	140.7	141.2	140.6	138.2	134.9	130.6	125.4
82.5°	264.6	264.1	263.0	265.6	266.9	266.6	264.6	259.4	252.7	244.4	234.4
80°	410.5	410.1	409.3	414.9	417.8	417.5	413.7	404.3	392.0	379.3	366.7
77.5°	588.9	592.9	594.6	600.2	601.6	598.4	589.3	575.0	562.5	546.2	524.7
75°	813.0	818.1	821.7	827.1	827.4	822.6	813.3	796.0	773.1	744.5	706.4
72.5°	1077.1	1083.8	1085.8	1085.8	1080.3	1074.2	1060.5	1037.4	1007.4	970.3	919.9
70°	1388.7	1393.0	1391.2	1382.3	1371.1	1356.6	1333.6	1301.1	1259.5	1215.8	1154.0
67.5°	1755.4	1750.7	1738.1	1720.7	1702.2	1674.4	1637.7	1590.9	1543.0	1488.1	1404.9
65°	2171.7	2157.2	2140.6	2117.0	2082.0	2035.2	1978.5	1919.4	1856.6	1780.3	1675.2
62.5°	2641.4	2594.7	2578.6	2555.7	2511.4	2446.3	2376.6	2301.6	2208.0	2098.7	1993.0
60°	3188.1	3148.2	3108.4	3055.7	2990.4	2909.2	2821.2	2719.5	2604.3	2482.5	2341.2
57.5°	3778.4	3725.2	3684.5	3614.0	3512.9	3417.9	3307.4	3167.2	3029.0	2888.0	2719.1
55°	4485.4	4412.2	4325.7	4227.4	4119.3	3996.0	3845.2	3681.5	3512.5	3318.2	3138.2
52.5°	5178.5	5113.4	5014.0	4872.9	4746.1	4617.2	4440.0	4248.1	4057.0	3855.7	3602.9
50°	5998.1	5899.0	5763.2	5599.1	5466.1	5290.4	5093.0	4860.1	4661.3	4431.0	4152.5
47.5°	6821.7	6757.2	6597.1	6406.7	6283.4	6079.5	5836.3	5575.7	5356.1	5042.8	4739.4
45°	7863.7	7746.1	7566.7	7402.9	7210.0	6983.5	6673.3	6424.2	6130.8	5788.6	5348.9
42.5°	9084.5	8914.6	8681.9	8544.2	8312.6	8014.2	7669.2	7355.4	6989.4	6589.3	6084.2
40°	10564.4	10284.2	10047.8	9826.1	9562.1	9168.5	8786.0	8368.4	7930.7	7438.5	6781.0
37.5°	12264.1	11967.2	11618.4	11251.9	10911.1	10461.9	9949.9	9458.1	8932.0	8191.6	7442.0
35°	14033.9	13695.1	13264.5	12820.4	12290.7	11661.4	11133.0	10553.1	9834.7	8874.0	8053.5
32.5°	15781.4	15225.1	14758.8	14279.3	13486.2	12709.1	12140.6	11625.3	10405.3	9413.9	8590.9
30°	17045.1	16340.9	15868.2	15211.8	14216.6	13509.1	12968.5	11898.8	10763.3	9790.5	9009.4
27.5°	17321.4	16800.3	16320.6	15335.4	14478.3	13852.7	13007.8	11917.3	10884.7	9969.3	9213.1
25°	16790.5	16314.5	15730.9	14911.8	14196.4	13553.4	12666.4	11678.7	10752.0	9945.0	9096.2
22.5°	15782.2	15347.2	14815.8	14176.6	13569.9	12914.1	12132.3	11276.3	10479.2	9723.7	8902.0
20°	14818.8	14427.4	13934.8	13428.3	12906.6	12284.7	11542.5	10842.7	10194.0	9462.4	8668.8
17.5°	14061.6	13656.9	13270.2	12831.0	12296.6	11661.1	11127.2	10550.5	9909.6	9182.7	8402.5
15°	13430.4	13125.6	12757.0	12294.2	11803.8	11351.3	10843.6	10253.9	9615.4	8880.5	8154.0
12.5°	13045.0	12719.2	12316.6	11954.3	11545.9	11072.4	10549.3	9947.7	9337.2	8721.8	8070.3
10°	12736.7	12428.2	12096.5	11715.3	11283.9	10792.9	10303.4	9780.7	9212.1	8607.9	7963.2
7.5°	12539.1	12221.0	11867.4	11495.9	11082.0	10640.7	10160.7	9640.5	9066.4	8463.5	7831.3
5°	12347.3	12030.4	11690.8	11333.9	10911.0	10470.4	9995.3	9473.7	8897.2	8288.9	7673.4
2.5°	12127.8	11828.0	11500.5	11143.6	10713.8	10274.3	9805.5	9277.5	8709.6	8124.9	7493.9
0°	11880.9	11604.8	11252.1	10893.2	10488.2	10058.8	9589.4	9049.5	8494.3	7942.1	7285.6
-2.5°	11646.3	11352.4	11026.6	10670.4	10282.4	9837.9	9371.4	8849.2	8282.2	7724.0	7082.0
-5°	11359.7	11074.0	10747.1	10374.9	9983.9	9545.2	9081.6	8577.0	8019.3	7467.4	6854.0
-7.5°	10990.7	10716.4	10407.4	10037.0	9637.9	9199.6	8730.8	8226.6	7683.4	7137.4	6541.2
-10°	10547.7	10255.9	9941.8	9596.6	9222.7	8808.7	8345.0	7841.6	7318.9	6775.2	6201.9
-12.5°	10028.1	9750.5	9436.0	9098.5	8730.0	8325.0	7895.7	7415.5	6926.8	6380.5	5836.7
-15°	9475.0	9230.8	8921.0	8567.7	8191.1	7807.4	7399.9	6942.0	6490.6	5956.1	5445.7
-17.5°	8945.0	8676.3	8370.6	8044.6	7667.0	7263.4	6869.4	6449.7	6013.1	5526.2	5059.1
-20°	8350.4	8078.3	7795.0	7481.4	7121.5	6733.2	6331.8	5931.3	5521.3	5097.3	4672.8



REPORT NUMBER: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7679.2	7441.1	7173.2	6876.6	6524.5	6160.0	5792.0	5413.8	5025.8	4660.8	4280.0
-25°	6959.6	6743.7	6480.4	6200.0	5889.1	5559.8	5237.2	4901.3	4567.4	4225.2	3887.5
-27.5°	6181.8	5981.4	5753.4	5507.7	5232.6	4965.1	4680.0	4390.5	4120.7	3818.9	3524.2
-30°	5384.6	5228.7	5033.0	4802.0	4610.5	4387.5	4128.8	3922.7	3689.1	3430.5	3190.5
-32.5°	4617.3	4491.7	4330.8	4177.2	4017.1	3839.0	3662.1	3470.9	3267.0	3082.9	2886.4
-35°	3925.4	3820.6	3733.0	3617.8	3468.1	3349.8	3213.6	3056.7	2900.8	2752.9	2595.3
-37.5°	3355.7	3262.4	3197.0	3111.5	3007.2	2896.8	2807.4	2699.7	2571.8	2453.6	2325.7
-40°	2866.9	2789.4	2741.9	2690.4	2619.2	2516.2	2459.7	2379.4	2291.4	2177.8	2074.9
-42.5°	2475.5	2439.0	2384.8	2352.4	2296.4	2226.6	2153.9	2107.7	2037.2	1948.6	1864.5
-45°	2176.6	2153.1	2106.4	2074.1	2033.0	1977.6	1903.8	1869.0	1815.8	1754.3	1674.8
-47.5°	1937.1	1919.9	1885.4	1842.8	1811.1	1763.2	1711.6	1662.6	1631.5	1578.8	1513.6
-50°	1738.7	1722.2	1691.5	1649.0	1619.9	1583.5	1542.6	1494.1	1464.5	1419.7	1365.5
-52.5°	1567.5	1546.5	1519.2	1484.1	1455.8	1430.5	1394.1	1349.4	1310.6	1279.9	1240.1
-55°	1406.0	1388.1	1369.8	1344.7	1314.0	1289.3	1255.0	1216.4	1184.4	1157.8	1123.8
-57.5°	1269.9	1253.9	1234.1	1210.2	1182.2	1158.0	1132.3	1102.4	1069.3	1044.4	1012.8
-60°	1131.8	1114.7	1100.4	1082.3	1060.4	1038.3	1017.3	991.7	961.4	936.7	909.1
-62.5°	1003.2	989.3	977.3	962.9	945.3	925.7	906.8	885.3	860.2	834.7	811.6
-65°	881.9	872.1	861.7	849.3	834.6	818.0	801.7	783.7	763.5	740.8	719.1
-67.5°	764.9	756.3	747.5	738.1	728.0	716.4	703.5	688.0	671.1	652.6	634.4
-70°	653.4	645.2	638.2	632.7	626.6	618.9	608.7	596.7	582.8	568.3	552.2
-72.5°	549.1	543.4	538.9	535.8	530.8	524.5	517.0	508.5	498.6	487.3	472.2
-75°	452.7	449.8	446.6	444.3	440.4	434.8	428.7	422.5	414.5	404.8	392.5
-77.5°	364.4	362.3	359.6	357.4	353.6	348.4	342.4	337.7	332.3	324.9	315.4
-80°	282.0	281.0	279.1	277.4	274.8	271.4	267.3	262.6	256.4	249.2	242.3
-82.5°	208.0	206.5	204.7	203.1	200.8	197.8	194.2	190.7	186.6	182.0	177.0
-85°	133.0	132.6	131.7	130.4	129.0	127.4	125.7	124.2	122.2	119.9	117.2
-87.5°	59.1	58.8	58.4	59.9	61.1	62.1	62.8	62.1	61.1	59.9	58.5
-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: P559226 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-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°	44.6	43.4	42.0	40.5	39.6	38.4	36.8	35.0	32.0	28.8	25.6
85°	119.0	111.7	103.5	94.5	85.9	76.7	73.7	69.9	63.9	57.6	51.1
82.5°	222.1	211.3	200.1	187.6	173.8	159.3	143.9	127.5	107.4	88.1	76.6
80°	350.5	332.5	312.8	291.2	267.3	241.7	220.7	197.8	169.4	142.0	115.7
77.5°	496.8	466.3	433.3	405.1	375.9	344.3	310.3	271.9	230.7	195.3	161.2
75°	659.6	621.2	581.7	538.7	493.0	446.9	406.6	359.6	303.8	249.3	206.2
72.5°	862.3	802.8	741.5	678.5	623.8	567.4	509.4	445.9	380.3	316.2	253.9
70°	1079.4	997.3	920.3	844.5	765.7	687.8	620.4	541.8	455.7	381.9	310.4
67.5°	1310.4	1220.8	1123.0	1015.5	920.6	828.4	733.9	638.7	542.3	446.6	365.8
65°	1572.8	1459.6	1337.4	1219.4	1093.6	970.4	864.6	739.1	627.1	521.4	419.9
62.5°	1861.2	1713.4	1580.5	1432.2	1285.0	1139.7	991.0	849.5	712.8	594.4	480.2
60°	2188.0	2026.0	1839.2	1673.3	1495.8	1317.6	1140.9	956.4	807.2	665.5	542.0
57.5°	2547.5	2357.0	2157.3	1937.8	1729.5	1518.7	1290.5	1078.6	898.2	742.8	601.3
55°	2923.3	2709.2	2483.7	2242.3	1985.0	1741.7	1447.9	1203.6	990.2	819.1	656.5
52.5°	3344.2	3088.2	2828.0	2555.9	2272.6	1958.2	1622.6	1321.4	1093.4	892.2	715.1
50°	3829.0	3509.0	3200.1	2887.3	2564.1	2185.9	1785.9	1462.4	1190.2	965.9	770.8
47.5°	4382.1	3993.6	3610.8	3235.5	2877.9	2397.5	1965.7	1596.8	1280.4	1044.5	822.7
45°	4954.8	4526.9	4063.2	3628.9	3132.8	2611.6	2140.8	1720.6	1389.4	1112.9	870.6
42.5°	5529.8	5066.7	4569.1	4026.0	3394.6	2814.4	2300.7	1859.7	1489.9	1175.8	920.7
40°	6168.3	5604.7	5073.5	4394.9	3632.6	2998.9	2465.2	1990.2	1580.3	1239.2	971.0
37.5°	6777.3	6154.1	5570.1	4676.4	3850.4	3187.7	2615.6	2107.0	1662.9	1307.7	1016.6
35°	7345.7	6686.5	5820.3	4905.3	4066.4	3347.5	2748.7	2217.0	1750.8	1368.0	1057.6
32.5°	7864.1	7027.8	6012.2	5084.0	4237.8	3478.0	2869.4	2315.1	1825.9	1420.1	1093.8
30°	8217.6	7155.4	6143.9	5213.1	4365.5	3604.4	2967.8	2396.4	1888.4	1464.0	1127.5
27.5°	8236.3	7214.7	6214.4	5293.6	4453.4	3697.1	3042.5	2461.0	1938.3	1504.9	1162.4
25°	8171.7	7188.6	6224.7	5323.5	4500.0	3773.0	3099.7	2509.5	1984.2	1544.6	1190.9
22.5°	8020.7	7096.0	6177.8	5303.3	4551.0	3825.4	3147.2	2551.0	2021.3	1574.5	1213.1
20°	7829.9	6945.6	6099.0	5323.0	4576.8	3858.9	3182.8	2577.8	2045.3	1594.8	1229.2
17.5°	7596.3	6826.3	6085.7	5319.3	4576.8	3868.8	3198.8	2590.2	2056.7	1606.0	1239.2
15°	7488.8	6779.5	6045.8	5291.0	4551.6	3855.9	3195.9	2588.5	2055.9	1608.2	1246.2
12.5°	7402.5	6705.9	5981.0	5238.0	4502.1	3821.0	3174.8	2573.1	2043.6	1608.2	1251.4
10°	7293.2	6605.6	5891.4	5160.7	4429.3	3765.2	3136.2	2549.7	2037.4	1605.6	1251.7
7.5°	7160.0	6478.7	5777.1	5059.5	4341.7	3702.8	3096.7	2523.7	2024.6	1596.1	1247.4
5°	7005.5	6338.8	5654.3	4962.5	4275.0	3636.7	3044.5	2484.9	2003.0	1580.2	1238.6
2.5°	6838.4	6194.0	5516.8	4845.1	4190.8	3554.5	2978.2	2434.7	1973.3	1558.2	1225.6
0°	6644.5	6024.8	5356.1	4705.7	4089.2	3457.2	2898.9	2374.3	1935.7	1530.7	1208.6
-2.5°	6474.2	5838.9	5183.0	4554.4	3941.0	3340.7	2812.5	2313.5	1894.0	1503.7	1190.8
-5°	6276.1	5629.0	4989.7	4383.8	3777.3	3212.0	2715.7	2244.8	1845.7	1471.8	1169.6
-7.5°	5985.2	5372.3	4769.3	4192.2	3600.2	3073.1	2609.9	2169.2	1791.4	1435.7	1145.1
-10°	5657.5	5081.7	4519.7	3975.6	3428.1	2936.1	2498.2	2087.6	1731.7	1395.4	1117.7
-12.5°	5311.0	4775.6	4256.3	3748.6	3250.8	2801.0	2391.3	2007.5	1668.1	1351.6	1087.5
-15°	4948.2	4456.5	3981.2	3513.7	3067.5	2659.0	2279.1	1925.7	1605.6	1306.6	1054.8
-17.5°	4579.0	4126.9	3696.6	3273.6	2880.5	2511.5	2163.1	1839.8	1539.6	1261.7	1022.3
-20°	4242.0	3819.1	3406.4	3030.7	2691.9	2359.6	2044.4	1750.5	1470.6	1214.3	989.2



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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°	3906.0	3534.9	3162.4	2805.0	2506.9	2204.5	1924.0	1658.3	1399.3	1164.9	953.8
-25°	3571.4	3252.5	2924.1	2617.3	2327.6	2060.5	1807.8	1563.9	1326.2	1113.6	916.3
-27.5°	3256.2	2977.2	2684.9	2429.3	2170.9	1918.6	1695.7	1474.3	1255.3	1061.0	876.7
-30°	2955.4	2714.2	2470.2	2245.4	2016.0	1795.1	1583.4	1385.0	1190.7	1010.1	835.4
-32.5°	2677.6	2454.6	2265.4	2074.5	1873.5	1672.5	1479.3	1296.1	1125.8	959.4	796.8
-35°	2419.4	2232.9	2066.5	1909.3	1735.9	1561.2	1384.1	1208.1	1060.9	907.2	758.8
-37.5°	2173.5	2036.4	1893.8	1754.0	1599.1	1452.0	1294.3	1135.4	996.3	853.7	719.9
-40°	1971.4	1854.3	1735.2	1607.1	1477.7	1345.2	1204.2	1066.6	933.3	798.9	680.4
-42.5°	1778.8	1687.8	1585.2	1464.4	1365.0	1246.5	1115.5	996.5	872.5	749.7	640.4
-45°	1607.4	1530.2	1442.7	1352.1	1257.0	1148.8	1037.3	925.9	811.5	703.4	601.6
-47.5°	1445.9	1388.5	1317.4	1241.6	1153.8	1055.0	958.3	858.5	750.6	657.1	564.5
-50°	1309.8	1260.3	1203.2	1134.5	1052.7	969.0	880.7	791.4	699.4	611.4	526.6
-52.5°	1191.7	1144.4	1093.3	1030.1	960.4	882.8	809.0	725.6	647.3	567.1	488.1
-55°	1080.8	1034.5	987.7	933.6	871.1	806.3	738.3	667.2	594.3	523.0	449.4
-57.5°	976.0	931.0	890.7	842.2	789.7	733.2	671.9	608.2	543.6	478.2	415.1
-60°	875.3	838.6	798.9	759.0	713.4	662.0	607.1	549.9	493.1	434.0	380.3
-62.5°	782.8	749.7	716.8	680.6	638.6	592.4	542.8	494.2	442.1	394.2	345.1
-65°	695.9	668.6	637.3	603.1	564.8	524.3	482.5	438.0	396.1	353.9	309.6
-67.5°	612.9	587.7	557.4	525.8	495.4	461.4	422.3	386.8	351.1	313.2	274.6
-70°	531.9	507.4	482.1	458.0	430.6	399.5	368.5	337.4	305.8	274.3	239.4
-72.5°	453.9	434.5	414.3	392.4	368.7	343.1	315.6	288.6	263.4	235.2	203.9
-75°	377.9	363.1	347.3	329.5	308.8	286.7	265.4	243.5	221.0	196.0	172.5
-77.5°	304.9	293.3	280.8	268.0	252.1	235.2	217.2	198.3	180.1	161.9	142.4
-80°	236.0	228.7	220.2	210.3	197.3	183.6	170.5	157.2	143.2	128.2	112.2
-82.5°	172.1	167.0	161.2	154.3	145.4	136.3	126.9	117.2	106.2	94.3	82.8
-85°	113.8	109.8	105.1	99.9	94.5	88.9	83.5	77.7	70.3	62.9	55.3
-87.5°	56.5	54.2	51.8	49.3	47.0	44.5	41.8	38.9	35.2	31.5	27.7
-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):**

	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°	22.2	18.8	15.2	11.5	7.8	3.8	0.0
85°	44.4	37.5	30.3	23.0	15.5	7.6	0.0
82.5°	66.5	56.1	45.4	34.5	23.2	11.4	0.0
80°	90.5	74.7	60.5	45.9	30.9	15.2	0.0
77.5°	128.6	97.4	75.4	57.2	38.4	18.9	0.0
75°	166.1	127.8	91.8	68.4	46.0	22.6	0.0
72.5°	203.0	157.7	114.9	79.5	53.4	26.3	0.0
70°	240.7	187.0	137.7	91.5	60.7	29.9	0.0
67.5°	286.7	215.7	160.0	107.7	67.9	33.4	0.0
65°	331.4	247.6	181.8	123.6	74.9	36.9	0.0
62.5°	374.7	282.3	203.0	139.1	81.8	40.3	0.0
60°	416.4	315.8	223.5	154.1	88.5	43.6	0.0
57.5°	463.5	348.1	248.2	168.7	98.0	46.8	0.0
55°	509.2	378.9	272.2	182.8	107.2	50.0	0.0
52.5°	552.5	409.2	295.2	196.4	116.1	53.0	0.0
50°	593.3	442.4	317.0	209.4	124.7	56.0	0.0
47.5°	632.1	473.5	337.6	222.5	133.0	58.8	0.0
45°	672.7	502.6	357.1	237.0	141.0	61.5	0.0
42.5°	710.1	529.6	375.3	250.7	148.5	64.1	0.0
40°	744.2	554.4	393.7	263.7	155.8	66.6	0.0
37.5°	775.0	576.9	412.2	276.1	162.6	68.9	0.0
35°	802.4	599.3	429.0	287.6	169.0	71.1	0.0
32.5°	828.8	620.4	444.2	298.3	175.0	73.1	0.0
30°	857.0	638.9	457.8	308.2	180.6	75.1	0.0
27.5°	881.5	654.9	470.6	317.3	185.7	76.8	0.0
25°	902.1	668.3	482.0	325.5	190.4	78.4	0.0
22.5°	918.9	680.0	491.8	332.8	194.7	79.9	0.0
20°	932.0	691.6	499.9	339.2	198.5	81.2	0.0
17.5°	943.8	701.2	506.6	344.7	201.8	82.4	0.0
15°	953.3	708.8	511.6	349.4	204.6	83.4	0.0
12.5°	959.2	714.3	515.2	353.2	207.0	84.2	0.0
10°	961.5	717.8	517.3	356.1	208.9	84.9	0.0
7.5°	960.4	719.2	518.1	358.1	210.3	85.4	0.0
5°	956.1	718.7	517.4	359.2	211.3	85.7	0.0
2.5°	948.8	716.2	515.5	359.5	211.7	85.9	0.0
0°	938.7	711.7	512.3	358.9	211.7	85.9	0.0
-2.5°	927.9	705.0	509.8	357.3	211.2	86.0	0.0
-5°	914.6	696.4	506.2	354.8	210.2	86.0	0.0
-7.5°	898.9	686.2	501.4	351.5	208.8	85.8	0.0
-10°	880.8	674.3	495.4	347.5	206.9	85.4	0.0
-12.5°	860.6	661.0	488.3	342.7	204.5	84.8	0.0
-15°	838.3	646.4	480.2	337.1	201.8	84.1	0.0
-17.5°	814.1	630.5	470.9	330.8	198.6	83.2	0.0
-20°	788.9	613.6	460.6	323.8	195.0	82.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	763.8	595.6	449.3	316.1	191.0	81.0	0.0
-25°	737.1	577.6	437.0	307.8	186.7	79.6	0.0
-27.5°	709.0	558.9	423.7	298.9	182.0	78.1	0.0
-30°	679.8	539.0	409.5	289.3	176.9	76.4	0.0
-32.5°	649.3	517.9	394.8	279.2	171.5	74.5	0.0
-35°	620.9	495.8	379.4	268.5	165.8	72.5	0.0
-37.5°	592.8	473.6	363.2	257.4	159.7	70.4	0.0
-40°	563.6	452.2	346.3	245.7	153.4	68.1	0.0
-42.5°	533.5	430.1	329.5	233.6	146.8	65.6	0.0
-45°	502.5	407.3	312.8	221.1	139.9	63.0	0.0
-47.5°	470.6	383.9	295.6	208.2	132.8	60.3	0.0
-50°	441.4	359.9	277.7	196.6	125.4	57.5	0.0
-52.5°	412.3	335.3	259.3	185.2	117.8	54.5	0.0
-55°	382.7	311.6	240.4	173.4	110.0	51.4	0.0
-57.5°	352.7	287.5	221.0	161.4	102.0	48.2	0.0
-60°	322.4	263.0	201.3	149.0	93.8	44.9	0.0
-62.5°	292.7	237.9	184.6	136.4	86.8	41.5	0.0
-65°	262.6	212.5	167.6	123.5	79.6	38.1	0.0
-67.5°	232.0	188.9	150.3	110.4	72.2	34.5	0.0
-70°	201.1	167.2	132.7	97.0	64.6	30.8	0.0
-72.5°	174.5	145.3	114.9	85.0	56.9	27.1	0.0
-75°	148.3	123.1	96.9	73.1	49.0	23.4	0.0
-77.5°	121.8	100.7	80.7	61.1	41.0	19.6	0.0
-80°	95.2	80.0	64.7	49.0	32.9	15.7	0.0
-82.5°	71.3	60.1	48.6	36.8	24.8	11.8	0.0
-85°	47.6	40.1	32.5	24.6	16.6	7.9	0.0
-87.5°	23.8	20.1	16.2	12.3	8.3	3.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)