

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: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-930-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558826 (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-SA3D-930-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

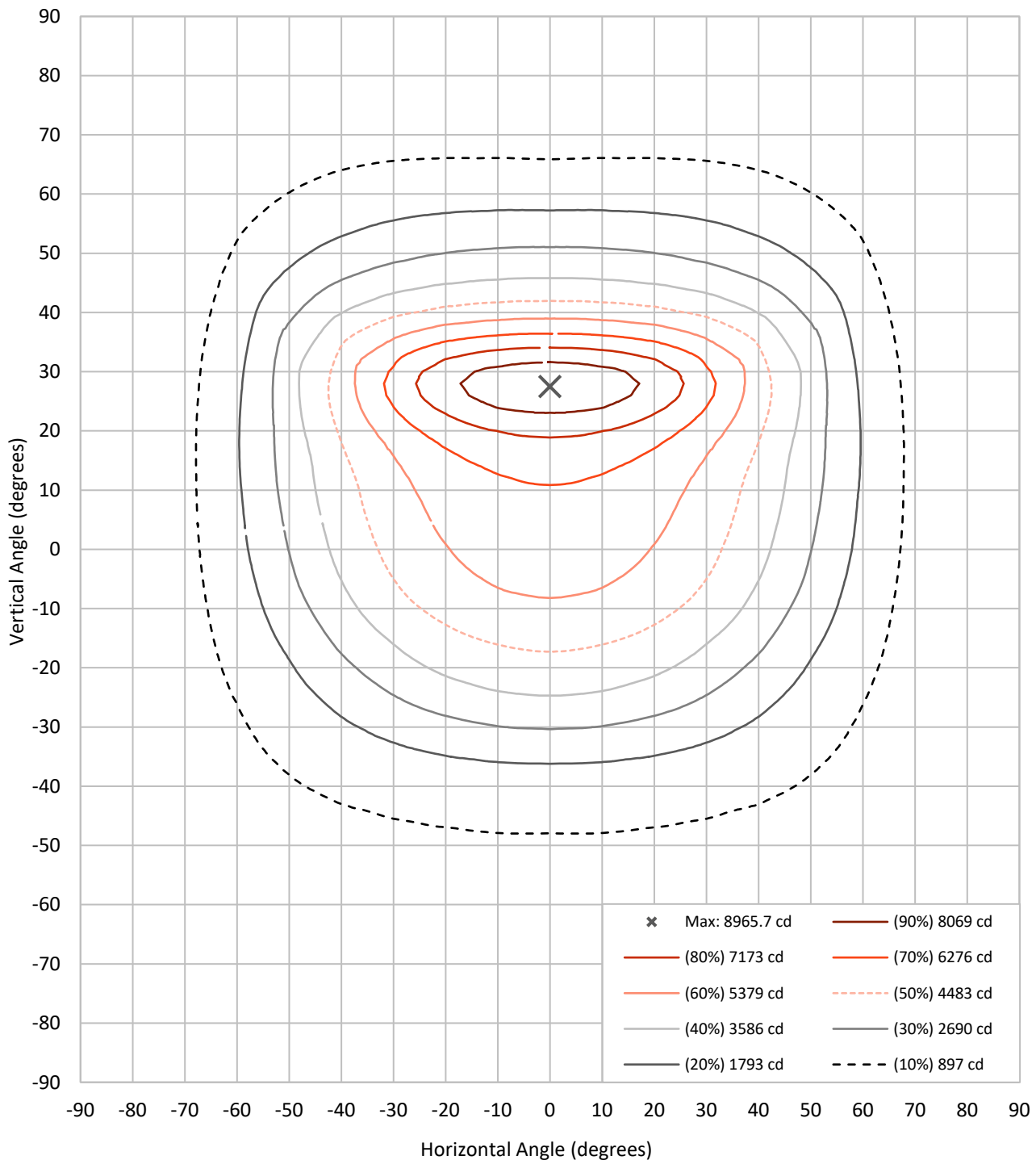
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	13070.4 lumens	Max Intensity:	8965.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	82.7 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:	6779 lumens	Field Lumens:	12091.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	158		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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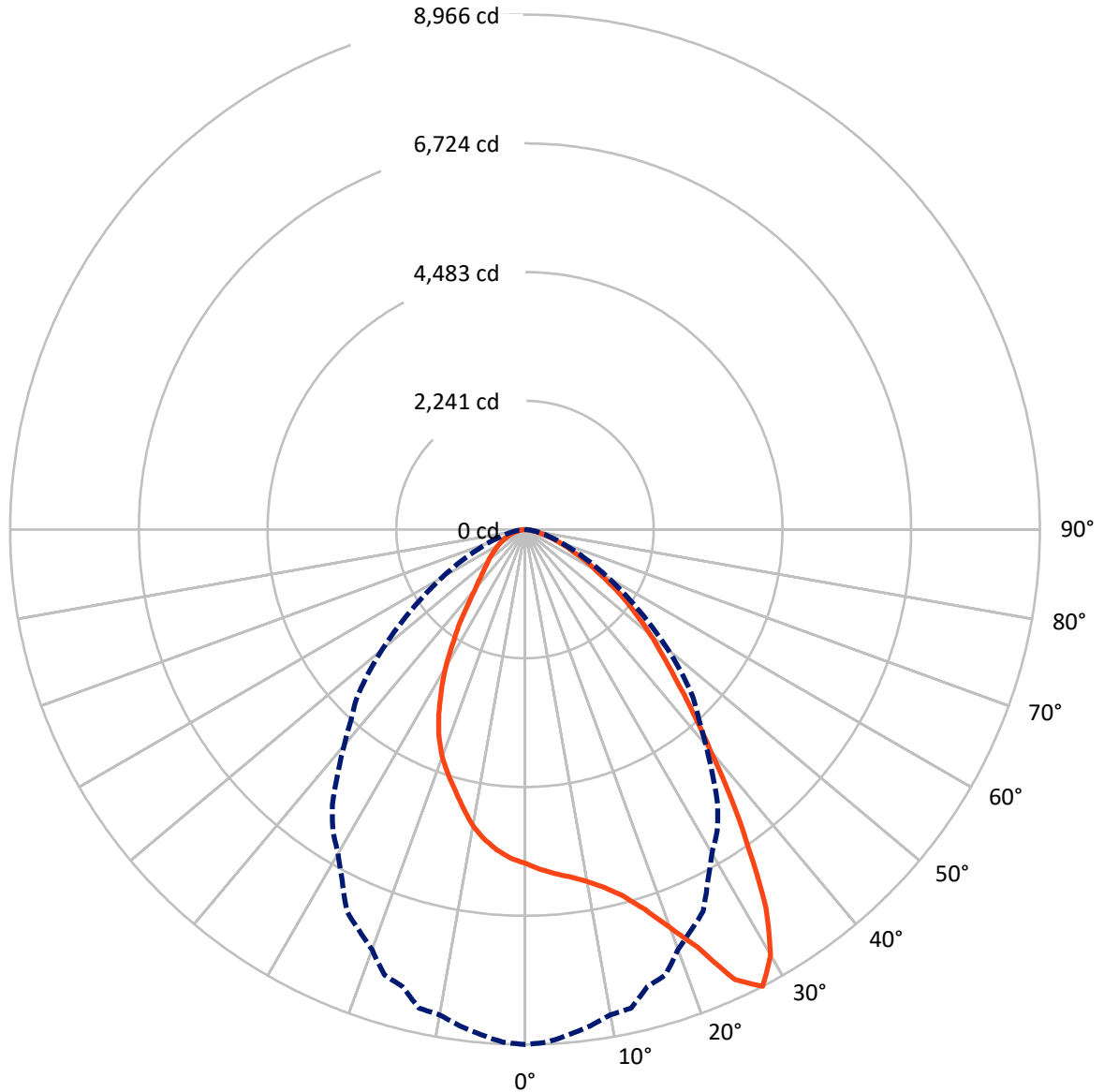
### Iso-Candela Plot





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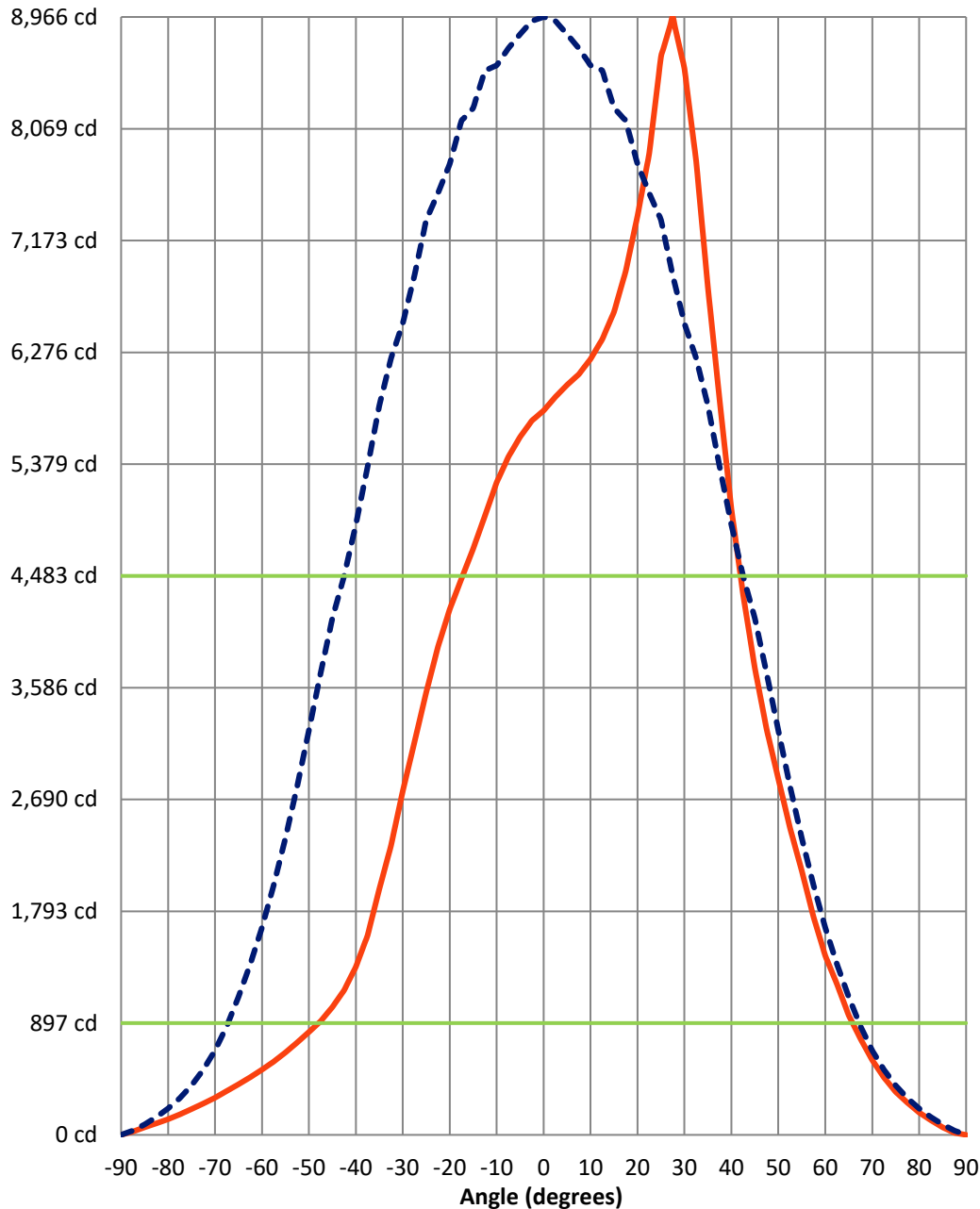
### Luminous Intensity Polar Plot



— 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: 6779  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 12091.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 979.2  
 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	1.7	3.5	5.2	6.8	8.4	10.0	11.5	13.0	14.4	15.7
85°	0.0	3.4	7.0	10.3	13.6	16.8	20.0	23.0	25.9	28.7	31.4
82.5°	0.0	5.1	10.4	15.5	20.4	25.2	29.9	34.4	39.6	48.3	57.3
80°	0.0	6.8	13.9	20.6	27.2	33.6	40.7	52.0	63.8	76.2	88.9
77.5°	0.0	8.5	17.3	25.7	33.9	43.8	57.8	72.5	87.8	103.7	122.3
75°	0.0	10.2	20.7	30.7	41.2	57.4	74.7	92.7	112.1	136.6	161.7
72.5°	0.0	11.8	24.0	35.7	51.7	70.9	91.3	114.1	142.2	171.0	200.4
70°	0.0	13.4	27.3	41.1	61.9	84.1	108.2	139.6	171.7	204.9	243.6
67.5°	0.0	15.0	30.5	48.4	71.9	97.0	128.9	164.5	200.8	243.8	287.1
65°	0.0	16.6	33.7	55.5	81.7	111.3	149.0	188.8	234.4	281.9	332.2
62.5°	0.0	18.1	36.8	62.5	91.2	126.9	168.5	215.9	267.2	320.4	381.9
60°	0.0	19.6	39.8	69.3	100.5	142.0	187.2	243.7	299.2	362.9	430.0
57.5°	0.0	21.1	44.0	75.8	111.6	156.5	208.4	270.3	333.9	403.8	484.9
55°	0.0	22.5	48.2	82.2	122.4	170.4	229.0	295.1	368.2	445.2	541.1
52.5°	0.0	23.8	52.2	88.3	132.7	184.0	248.4	321.4	401.1	491.5	594.1
50°	0.0	25.2	56.1	94.1	142.5	198.9	266.7	346.5	434.2	535.1	657.4
47.5°	0.0	26.4	59.8	100.0	151.8	212.9	284.2	369.8	469.6	575.6	717.9
45°	0.0	27.6	63.4	106.6	160.6	226.0	302.4	391.4	500.3	624.7	773.5
42.5°	0.0	28.8	66.8	112.7	168.7	238.1	319.2	413.9	528.6	669.8	836.1
40°	0.0	29.9	70.0	118.6	177.0	249.2	334.6	436.5	557.1	710.4	894.7
37.5°	0.0	31.0	73.1	124.1	185.3	259.3	348.4	457.0	587.9	747.6	947.2
35°	0.0	31.9	76.0	129.3	192.9	269.4	360.7	475.5	615.0	787.1	996.7
32.5°	0.0	32.9	78.7	134.1	199.7	278.9	372.6	491.7	638.4	820.9	1040.8
30°	0.0	33.7	81.2	138.6	205.8	287.2	385.3	506.9	658.2	849.0	1077.4
27.5°	0.0	34.5	83.5	142.7	211.6	294.4	396.3	522.6	676.6	871.4	1106.4
25°	0.0	35.2	85.6	146.3	216.7	300.4	405.5	535.4	694.4	892.1	1128.2
22.5°	0.0	35.9	87.5	149.6	221.1	305.7	413.1	545.4	707.9	908.7	1146.9
20°	0.0	36.5	89.2	152.5	224.8	310.9	419.0	552.6	717.0	919.5	1158.9
17.5°	0.0	37.0	90.7	155.0	227.7	315.2	424.3	557.1	722.0	924.6	1164.5
15°	0.0	37.5	92.0	157.1	230.0	318.6	428.6	560.3	723.1	924.3	1163.7
12.5°	0.0	37.8	93.1	158.8	231.6	321.1	431.2	562.6	723.0	918.8	1156.8
10°	0.0	38.1	93.9	160.1	232.6	322.7	432.2	562.8	721.9	916.0	1146.3
7.5°	0.0	38.4	94.6	161.0	232.9	323.4	431.8	560.8	717.6	910.2	1134.5
5°	0.0	38.5	95.0	161.5	232.6	323.1	429.8	556.9	710.4	900.5	1117.1
2.5°	0.0	38.6	95.2	161.7	231.7	322.0	426.6	551.0	700.6	887.1	1094.6
0°	0.0	38.6	95.2	161.4	230.3	320.0	422.0	543.4	688.2	870.2	1067.4
-2.5°	0.0	38.7	95.0	160.7	229.2	317.0	417.2	535.4	676.0	851.5	1040.1
-5°	0.0	38.6	94.5	159.6	227.6	313.1	411.2	525.9	661.7	829.8	1009.2
-7.5°	0.0	38.5	93.9	158.1	225.4	308.5	404.1	514.9	645.4	805.3	975.2
-10°	0.0	38.4	93.0	156.3	222.7	303.2	396.0	502.5	627.4	778.5	938.5
-12.5°	0.0	38.1	92.0	154.1	219.6	297.2	386.9	488.9	607.6	750.0	902.5
-15°	0.0	37.8	90.7	151.6	215.9	290.6	376.9	474.3	587.4	721.8	865.8
-17.5°	0.0	37.4	89.3	148.7	211.7	283.5	366.0	459.6	567.2	692.2	827.2
-20°	0.0	36.9	87.7	145.6	207.1	275.9	354.7	444.7	545.9	661.2	787.0



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 CATALOG NUMBER: GFLD-SA3D-930-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	36.4	85.9	142.1	202.0	267.8	343.4	428.8	523.7	629.1	745.5
-25°	0.0	35.8	83.9	138.4	196.5	259.7	331.4	411.9	500.7	596.2	703.1
-27.5°	0.0	35.1	81.8	134.4	190.5	251.3	318.8	394.2	477.0	564.4	662.8
-30°	0.0	34.3	79.5	130.1	184.1	242.3	305.6	375.6	454.1	535.3	622.7
-32.5°	0.0	33.5	77.1	125.5	177.5	232.9	291.9	358.3	431.3	506.1	582.7
-35°	0.0	32.6	74.5	120.7	170.6	222.9	279.2	341.1	407.9	477.0	543.2
-37.5°	0.0	31.6	71.8	115.7	163.3	212.9	266.5	323.7	383.8	447.9	510.5
-40°	0.0	30.6	69.0	110.5	155.7	203.3	253.4	305.9	359.2	419.6	479.5
-42.5°	0.0	29.5	66.0	105.0	148.1	193.4	239.8	287.9	337.0	392.2	448.0
-45°	0.0	28.3	62.9	99.4	140.7	183.1	225.9	270.5	316.2	364.8	416.3
-47.5°	0.0	27.1	59.7	93.6	132.9	172.6	211.6	253.8	295.4	337.4	386.0
-50°	0.0	25.8	56.4	88.4	124.9	161.8	198.5	236.7	274.8	314.4	355.8
-52.5°	0.0	24.5	53.0	83.3	116.6	150.8	185.4	219.4	254.9	291.0	326.2
-55°	0.0	23.1	49.5	78.0	108.1	140.1	172.1	202.0	235.1	267.1	300.0
-57.5°	0.0	21.7	45.9	72.6	99.4	129.3	158.5	186.6	215.0	244.3	273.4
-60°	0.0	20.2	42.2	67.0	90.5	118.2	144.9	171.0	195.1	221.7	247.2
-62.5°	0.0	18.7	39.1	61.3	83.0	107.0	131.6	155.1	177.2	198.8	222.2
-65°	0.0	17.1	35.8	55.6	75.4	95.6	118.1	139.2	159.1	178.1	196.9
-67.5°	0.0	15.5	32.5	49.7	67.6	84.9	104.3	123.5	140.8	157.9	173.9
-70°	0.0	13.9	29.1	43.7	59.7	75.2	90.4	107.6	123.3	137.5	151.7
-72.5°	0.0	12.2	25.6	38.2	51.7	65.3	78.5	91.7	105.7	118.4	129.8
-75°	0.0	10.5	22.1	32.9	43.6	55.4	66.7	77.6	88.1	99.4	109.5
-77.5°	0.0	8.8	18.5	27.5	36.3	45.3	54.8	64.1	72.8	81.0	89.2
-80°	0.0	7.1	14.8	22.1	29.1	36.0	42.9	50.5	57.7	64.4	70.7
-82.5°	0.0	5.3	11.1	16.6	21.9	27.0	32.1	37.3	42.5	47.8	52.7
-85°	0.0	3.5	7.4	11.1	14.6	18.1	21.4	24.9	28.3	31.7	35.0
-87.5°	0.0	1.8	3.7	5.5	7.3	9.0	10.7	12.4	14.2	15.8	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





REPORT NUMBER: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	16.5	17.2	17.8	18.2	18.9	19.5	20.0	20.5	20.9	21.1	21.3
85°	33.1	34.5	38.6	42.4	46.5	50.2	53.5	56.4	58.7	60.6	62.1
82.5°	64.7	71.6	78.2	84.3	90.0	95.0	99.9	105.4	109.9	113.6	116.6
80°	99.2	108.7	120.2	130.9	140.6	149.5	157.6	164.9	170.6	176.2	181.8
77.5°	139.5	154.8	169.0	182.2	194.9	209.7	223.4	235.9	245.6	252.9	258.5
75°	182.8	200.9	221.7	242.2	261.6	279.3	296.6	317.6	334.7	347.6	357.8
72.5°	229.0	255.1	280.4	305.1	333.4	360.9	387.7	413.5	436.2	452.9	466.4
70°	278.9	309.2	344.2	379.7	413.8	448.4	485.2	518.8	546.6	566.2	584.9
67.5°	329.9	372.4	413.9	456.5	504.8	548.8	589.1	631.6	669.0	693.7	715.2
65°	388.7	436.2	491.6	548.2	601.2	656.2	707.1	753.1	800.4	834.7	862.9
62.5°	445.5	512.4	577.7	643.9	710.6	770.3	836.8	896.0	943.5	992.6	1034.7
60°	512.9	592.4	672.5	752.3	826.9	910.8	983.6	1052.5	1116.0	1170.8	1222.6
57.5°	580.2	682.8	777.6	871.2	969.9	1059.6	1145.3	1222.4	1298.3	1361.8	1423.9
55°	650.9	783.0	892.4	1008.1	1116.6	1218.0	1314.2	1410.9	1491.8	1579.1	1655.1
52.5°	729.5	880.4	1021.7	1149.0	1271.4	1388.4	1503.5	1619.8	1733.4	1823.9	1909.8
50°	802.9	982.8	1152.8	1298.1	1438.7	1577.6	1721.4	1866.8	1992.0	2095.6	2185.0
47.5°	883.7	1077.9	1293.8	1454.6	1623.3	1795.5	1970.1	2130.7	2267.1	2408.0	2506.7
45°	962.5	1174.1	1408.4	1631.5	1826.8	2035.2	2227.5	2404.7	2602.4	2756.2	2888.1
42.5°	1034.3	1265.3	1526.1	1810.1	2054.2	2277.8	2486.1	2735.3	2962.4	3142.2	3306.8
40°	1108.3	1348.2	1633.2	1975.9	2280.9	2519.7	2773.1	3048.5	3344.1	3565.4	3762.2
37.5°	1175.9	1433.1	1731.1	2102.4	2504.2	2766.7	3046.9	3345.7	3682.7	4015.6	4252.1
35°	1235.7	1505.0	1828.2	2205.3	2616.7	3006.1	3302.4	3620.6	3989.5	4421.4	4744.4
32.5°	1290.0	1563.6	1905.2	2285.6	2702.9	3159.5	3535.5	3862.2	4232.3	4677.9	5226.4
30°	1334.2	1620.5	1962.6	2343.7	2762.2	3216.9	3694.4	4050.4	4401.6	4838.9	5349.4
27.5°	1367.8	1662.1	2002.1	2379.9	2793.8	3243.5	3702.8	4142.0	4482.0	4893.5	5357.7
25°	1393.6	1696.2	2023.1	2393.3	2798.5	3231.8	3673.8	4089.4	4471.0	4833.8	5250.4
22.5°	1414.9	1719.8	2046.1	2384.2	2777.4	3190.2	3605.9	4002.1	4371.5	4711.2	5069.5
20°	1430.9	1734.9	2057.6	2393.1	2742.0	3122.6	3520.2	3897.2	4254.1	4583.0	4874.6
17.5°	1438.1	1739.3	2057.6	2391.4	2736.0	3068.9	3415.1	3777.5	4128.3	4455.1	4743.3
15°	1436.8	1733.5	2046.3	2378.7	2718.0	3047.9	3366.8	3665.8	3992.5	4322.8	4609.9
12.5°	1427.3	1717.8	2024.0	2354.9	2688.9	3014.8	3328.0	3628.2	3921.1	4197.8	4472.3
10°	1409.9	1692.7	1991.3	2320.1	2648.6	2969.7	3278.8	3580.1	3869.9	4141.5	4397.1
7.5°	1392.2	1664.7	1951.9	2274.6	2597.2	2912.7	3219.0	3520.8	3805.0	4076.1	4334.1
5°	1368.7	1635.0	1921.9	2231.1	2542.0	2849.8	3149.5	3449.8	3726.4	4000.0	4259.1
2.5°	1338.9	1598.0	1884.1	2178.2	2480.2	2784.7	3074.3	3369.1	3652.7	3915.6	4170.9
0°	1303.3	1554.3	1838.4	2115.6	2408.0	2708.6	2987.2	3275.4	3570.6	3818.8	4068.4
-2.5°	1264.5	1501.9	1771.8	2047.6	2330.2	2625.0	2910.6	3183.9	3472.6	3723.5	3978.3
-5°	1220.9	1444.1	1698.2	1970.9	2243.2	2530.6	2821.6	3081.4	3357.2	3605.3	3856.0
-7.5°	1173.4	1381.6	1618.6	1884.7	2144.1	2415.2	2690.8	2940.8	3208.8	3454.3	3698.5
-10°	1123.1	1320.0	1541.2	1787.3	2031.9	2284.6	2543.4	2788.2	3046.0	3290.4	3525.4
-12.5°	1075.0	1259.3	1461.5	1685.3	1913.5	2147.0	2387.7	2624.0	2868.5	3114.1	3333.8
-15°	1024.6	1195.4	1379.1	1579.7	1789.9	2003.5	2224.6	2448.2	2677.7	2918.0	3120.9
-17.5°	972.5	1129.1	1295.0	1471.7	1661.9	1855.4	2058.6	2274.4	2484.4	2703.3	2899.6
-20°	919.1	1060.8	1210.2	1362.5	1531.5	1717.0	1907.1	2100.8	2291.6	2482.2	2666.5



REPORT NUMBER: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	865.0	991.1	1127.0	1261.0	1421.7	1589.2	1756.0	1924.2	2095.4	2259.5	2433.9
-25°	812.8	926.3	1046.4	1176.7	1314.6	1462.3	1605.6	1747.7	1899.6	2053.4	2203.5
-27.5°	762.4	862.6	976.0	1092.1	1207.0	1338.4	1463.9	1584.4	1716.9	1852.6	1973.8
-30°	711.9	807.1	906.3	1009.4	1110.5	1220.2	1328.7	1434.3	1542.3	1658.5	1763.6
-32.5°	665.1	752.0	842.3	932.6	1018.4	1103.5	1203.8	1297.6	1386.0	1468.8	1560.5
-35°	622.3	701.9	780.5	858.4	929.0	1003.8	1087.7	1166.7	1237.6	1304.1	1374.2
-37.5°	581.9	652.8	718.9	788.6	851.4	915.5	977.1	1045.6	1103.0	1156.2	1213.7
-40°	541.4	604.8	664.4	722.5	780.1	833.6	886.3	932.8	979.1	1030.1	1069.7
-42.5°	501.6	560.4	613.7	658.4	712.7	758.8	799.7	838.3	876.0	915.9	947.5
-45°	466.4	516.5	565.1	607.8	648.6	687.9	722.6	753.0	788.7	816.3	840.3
-47.5°	430.8	474.3	518.7	558.2	592.3	624.2	650.1	680.5	709.8	733.5	747.5
-50°	395.9	435.6	473.3	510.0	540.9	566.6	588.9	613.9	638.3	658.4	671.7
-52.5°	363.7	396.9	431.8	463.1	491.5	514.5	535.8	557.5	575.4	589.2	606.7
-55°	331.9	362.5	391.6	419.7	444.0	465.1	485.9	505.2	520.5	532.4	546.8
-57.5°	302.0	329.6	355.0	378.6	400.4	418.5	438.7	455.3	469.5	480.7	495.6
-60°	272.9	297.6	320.7	341.2	359.2	377.0	393.5	408.7	421.1	432.2	445.8
-62.5°	244.0	266.3	287.1	306.0	322.2	337.0	351.9	364.8	375.2	386.7	398.0
-65°	216.9	235.7	253.9	271.1	286.5	300.5	312.8	323.3	333.0	343.2	352.3
-67.5°	189.9	207.4	222.7	236.4	250.6	264.2	275.5	285.2	293.4	301.7	309.3
-70°	165.7	179.6	193.6	205.9	216.7	228.1	239.1	248.2	255.5	262.0	268.2
-72.5°	141.9	154.2	165.7	176.4	186.2	195.3	204.0	212.2	219.0	224.1	228.6
-75°	119.3	128.9	138.8	148.2	156.1	163.2	169.9	176.5	182.0	186.3	189.9
-77.5°	97.6	105.7	113.4	120.5	126.3	131.9	137.0	141.8	146.0	149.4	151.8
-80°	76.7	82.5	88.7	94.6	99.0	102.8	106.1	108.9	112.0	115.3	118.1
-82.5°	57.1	61.3	65.4	69.4	72.5	75.1	77.4	79.6	81.8	83.9	85.7
-85°	37.6	40.0	42.5	44.9	47.2	49.3	51.1	52.7	53.9	55.0	55.8
-87.5°	18.8	20.0	21.1	22.1	23.3	24.4	25.4	26.3	26.9	27.5	27.9
-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: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.5	21.5	21.5	21.4	21.2	20.4	19.4	18.4	17.3	17.8	18.3
85°	63.2	63.4	63.2	62.6	61.6	61.5	61.3	60.9	60.3	61.3	62.0
82.5°	119.0	119.9	120.0	119.4	118.2	118.7	118.9	118.7	118.0	118.8	119.4
80°	186.0	187.7	187.8	186.5	184.0	184.3	184.5	184.0	182.8	183.1	183.0
77.5°	264.9	269.0	270.5	269.9	267.3	266.6	264.8	261.2	255.9	255.8	255.9
75°	365.6	369.8	372.0	371.8	369.4	367.8	365.5	361.3	355.4	355.2	355.2
72.5°	476.8	482.9	485.7	488.1	488.1	487.2	484.2	478.0	468.9	467.8	468.9
70°	599.5	609.9	616.4	621.5	625.4	626.3	624.3	619.3	611.3	609.2	608.6
67.5°	736.3	752.8	765.3	773.6	781.4	787.1	789.2	786.9	780.5	778.3	779.2
65°	889.5	915.0	936.0	951.7	962.3	969.8	976.3	980.2	981.2	983.5	986.5
62.5°	1068.4	1099.8	1129.0	1149.0	1159.3	1166.5	1187.5	1199.6	1203.1	1203.8	1208.5
60°	1268.3	1307.9	1344.4	1373.7	1397.4	1415.3	1433.3	1445.1	1449.5	1450.4	1456.8
57.5°	1486.9	1536.6	1579.3	1624.8	1656.4	1674.8	1698.7	1723.3	1736.2	1739.8	1755.0
55°	1728.7	1796.5	1851.9	1900.5	1944.7	1983.6	2016.5	2041.9	2060.7	2072.0	2092.0
52.5°	1996.1	2075.7	2133.7	2190.7	2254.2	2298.9	2328.1	2375.1	2409.1	2427.8	2451.7
50°	2289.7	2378.5	2457.4	2517.2	2591.0	2652.1	2696.6	2741.0	2772.1	2790.0	2813.2
47.5°	2623.9	2733.2	2824.8	2880.3	2965.9	3037.8	3066.8	3100.4	3159.1	3187.2	3212.0
45°	3000.1	3139.6	3241.4	3328.2	3401.8	3482.4	3535.3	3573.4	3631.2	3660.2	3678.5
42.5°	3447.9	3603.0	3737.1	3841.3	3903.2	4007.8	4084.2	4105.6	4187.4	4242.9	4259.3
40°	3950.0	4121.9	4298.9	4417.6	4517.2	4623.5	4749.4	4819.6	4888.8	4943.2	4955.5
37.5°	4473.2	4703.4	4905.3	5058.6	5223.3	5380.1	5513.6	5586.4	5631.8	5735.9	5774.7
35°	5005.1	5242.6	5525.5	5763.7	5963.4	6157.0	6309.3	6429.2	6543.4	6637.1	6693.2
32.5°	5458.1	5713.7	6063.1	6419.6	6635.1	6844.8	7094.9	7232.1	7384.5	7508.0	7598.1
30°	5830.3	6073.4	6391.4	6838.8	7134.0	7346.4	7663.0	7852.7	8018.7	8227.9	8300.7
27.5°	5848.0	6227.8	6509.0	6894.4	7337.3	7553.0	7787.3	8132.1	8236.7	8535.1	8578.1
25°	5694.5	6093.3	6382.3	6703.9	7072.2	7334.6	7548.6	7835.3	7985.4	8177.3	8324.6
22.5°	5454.4	5805.8	6100.7	6373.4	6660.8	6899.7	7095.3	7296.9	7461.6	7610.5	7748.8
20°	5189.2	5522.8	5802.4	6037.0	6264.7	6486.2	6662.2	6831.4	6973.9	7101.7	7180.4
17.5°	5002.5	5242.5	5528.2	5768.5	5965.9	6139.8	6321.7	6463.4	6588.4	6703.4	6775.4
15°	4875.0	5103.2	5306.7	5527.1	5735.2	5900.9	6037.9	6184.1	6292.2	6391.2	6469.1
12.5°	4742.6	4977.9	5190.7	5374.3	5537.2	5718.2	5864.6	5979.6	6093.0	6170.8	6250.8
10°	4632.1	4852.2	5073.0	5266.9	5438.3	5587.4	5726.0	5855.0	5956.7	6044.0	6107.0
7.5°	4568.0	4783.8	4982.2	5168.3	5335.3	5494.2	5637.2	5755.5	5856.3	5946.5	6012.6
5°	4493.6	4707.2	4905.3	5095.4	5255.9	5408.6	5551.0	5672.7	5777.0	5857.4	5920.6
2.5°	4408.3	4619.1	4816.6	5009.9	5170.2	5317.6	5452.4	5571.0	5679.7	5756.3	5810.2
0°	4311.1	4522.2	4715.2	4897.3	5058.6	5217.2	5341.4	5461.3	5567.5	5643.4	5697.2
-2.5°	4213.1	4422.8	4622.7	4797.1	4957.3	5103.8	5235.8	5349.2	5450.5	5526.1	5573.4
-5°	4082.9	4291.3	4488.5	4664.3	4831.6	4978.6	5107.0	5222.3	5320.0	5402.3	5466.4
-7.5°	3925.1	4135.9	4332.9	4512.4	4678.9	4817.8	4941.1	5057.2	5161.5	5251.5	5330.3
-10°	3751.7	3960.2	4146.3	4314.3	4469.5	4610.8	4741.9	4856.7	4952.3	5040.4	5106.7
-12.5°	3549.7	3742.7	3924.8	4090.4	4242.1	4383.6	4508.3	4617.6	4713.8	4791.9	4851.7
-15°	3326.8	3510.0	3682.5	3851.8	4010.6	4149.9	4259.7	4374.8	4458.2	4534.0	4587.9
-17.5°	3088.3	3265.5	3446.9	3616.6	3763.2	3900.7	4021.4	4126.6	4214.2	4283.7	4344.4
-20°	2846.6	3027.1	3201.7	3363.4	3504.4	3631.8	3754.1	3855.2	3944.9	4020.5	4091.7



REPORT NUMBER: P558826 (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°	2603.9	2769.4	2933.3	3091.6	3224.9	3345.3	3452.3	3549.1	3628.2	3717.4	3780.3
-25°	2354.5	2499.5	2647.6	2787.4	2913.5	3031.8	3128.8	3213.6	3296.1	3382.2	3443.5
-27.5°	2104.0	2232.2	2352.4	2476.1	2586.6	2689.1	2779.2	2853.4	2933.5	2990.9	3058.3
-30°	1856.2	1972.5	2072.8	2158.9	2262.7	2350.7	2420.8	2494.5	2560.7	2615.6	2672.4
-32.5°	1646.4	1725.9	1806.0	1877.9	1947.1	2019.4	2075.9	2140.2	2185.5	2232.8	2278.8
-35°	1444.8	1506.0	1559.2	1626.5	1678.3	1717.7	1764.8	1812.0	1830.1	1881.5	1908.9
-37.5°	1262.2	1302.3	1351.9	1398.8	1437.3	1466.7	1508.7	1533.4	1546.4	1579.7	1597.5
-40°	1105.8	1131.2	1177.5	1209.5	1232.7	1254.1	1288.9	1305.0	1322.8	1339.3	1339.7
-42.5°	968.3	1001.0	1032.4	1057.6	1072.1	1096.5	1113.0	1114.8	1137.8	1152.5	1154.7
-45°	855.9	889.1	914.0	932.5	947.0	968.0	978.5	984.5	1003.3	1013.2	1017.6
-47.5°	769.5	792.7	814.2	828.5	847.6	863.1	870.8	880.7	895.2	904.4	910.9
-50°	693.6	711.9	728.3	741.4	760.4	774.2	781.6	793.8	804.5	811.2	816.4
-52.5°	626.8	643.2	654.5	667.2	683.0	695.3	704.7	716.7	725.7	731.5	736.1
-55°	564.2	579.6	590.7	604.6	615.9	624.1	632.1	643.9	652.7	658.6	662.5
-57.5°	509.0	520.6	531.5	544.0	554.8	563.7	570.9	577.4	583.2	588.1	591.9
-60°	457.4	466.8	476.8	486.6	494.7	501.1	508.8	514.7	518.4	520.8	523.9
-62.5°	407.7	416.2	425.0	432.9	439.4	444.8	451.0	455.8	459.3	461.8	463.6
-65°	360.4	367.7	375.2	381.8	387.4	392.1	396.5	399.9	402.3	404.4	406.0
-67.5°	316.3	322.0	327.3	331.8	336.1	340.0	343.9	346.5	347.9	349.6	351.3
-70°	273.6	278.2	281.7	284.4	286.9	290.1	293.8	296.4	297.9	299.5	301.0
-72.5°	232.4	235.8	238.6	240.9	242.3	244.3	246.9	248.9	250.5	251.8	252.3
-75°	192.7	195.5	198.0	199.8	200.8	202.2	203.5	204.2	204.3	204.9	205.3
-77.5°	153.9	156.6	159.0	160.7	161.7	162.9	163.8	164.3	164.4	164.5	164.1
-80°	120.2	122.0	123.6	124.7	125.5	126.3	126.8	126.9	126.6	126.9	127.0
-82.5°	87.3	89.0	90.3	91.4	92.1	92.9	93.5	94.0	94.3	94.4	94.3
-85°	56.5	57.3	58.0	58.7	59.2	59.6	59.8	59.9	59.8	59.8	59.7
-87.5°	28.3	27.9	27.5	27.0	26.3	26.5	26.6	26.7	26.7	26.9	27.2
-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: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.8	19.2	17.9	16.5	17.9	19.2	18.8	18.3	17.8	17.3	18.4
85°	62.6	63.1	62.0	60.7	62.0	63.1	62.6	62.0	61.3	60.3	60.9
82.5°	119.6	119.4	118.4	117.2	118.4	119.4	119.6	119.4	118.8	118.0	118.7
80°	182.3	181.1	180.4	179.3	180.4	181.1	182.3	183.0	183.1	182.8	184.0
77.5°	255.2	253.8	256.1	257.9	256.1	253.8	255.2	255.9	255.8	255.9	261.2
75°	353.9	351.2	348.6	344.8	348.6	351.2	353.9	355.2	355.2	355.4	361.3
72.5°	468.4	466.3	464.2	460.6	464.2	466.3	468.4	468.9	467.8	468.9	478.0
70°	604.9	598.5	599.6	599.9	599.6	598.5	604.9	608.6	609.2	611.3	619.3
67.5°	776.7	770.9	771.6	770.9	771.6	770.9	776.7	779.2	778.3	780.5	786.9
65°	984.6	978.1	970.2	958.5	970.2	978.1	984.6	986.5	983.5	981.2	980.2
62.5°	1207.9	1202.1	1205.4	1208.1	1205.4	1202.1	1207.9	1208.5	1203.8	1203.1	1199.6
60°	1455.8	1447.6	1443.6	1437.0	1443.6	1447.6	1455.8	1456.8	1450.4	1449.5	1445.1
57.5°	1761.9	1760.5	1756.9	1747.4	1756.9	1760.5	1761.9	1755.0	1739.8	1736.2	1723.3
55°	2101.5	2099.6	2107.4	2117.0	2107.4	2099.6	2101.5	2092.0	2072.0	2060.7	2041.9
52.5°	2469.3	2475.6	2473.4	2460.4	2473.4	2475.6	2469.3	2451.7	2427.8	2409.1	2375.1
50°	2833.5	2840.5	2847.9	2854.8	2847.9	2840.5	2833.5	2813.2	2790.0	2772.1	2741.0
47.5°	3246.3	3264.6	3267.8	3254.7	3267.8	3264.6	3246.3	3212.0	3187.2	3159.1	3100.4
45°	3715.1	3726.2	3731.8	3742.9	3731.8	3726.2	3715.1	3678.5	3660.2	3631.2	3573.4
42.5°	4306.3	4319.1	4321.2	4333.2	4321.2	4319.1	4306.3	4259.3	4242.9	4187.4	4105.6
40°	5008.0	5028.8	5025.2	5020.0	5025.2	5028.8	5008.0	4955.5	4943.2	4888.8	4819.6
37.5°	5829.4	5864.7	5868.4	5890.2	5868.4	5864.7	5829.4	5774.7	5735.9	5631.8	5586.4
35°	6751.3	6792.8	6785.6	6796.3	6785.6	6792.8	6751.3	6693.2	6637.1	6543.4	6429.2
32.5°	7681.1	7743.5	7756.1	7808.6	7756.1	7743.5	7681.1	7598.1	7508.0	7384.5	7232.1
30°	8411.8	8499.2	8556.2	8552.0	8556.2	8499.2	8411.8	8300.7	8227.9	8018.7	7852.7
27.5°	8714.4	8827.7	8933.7	8965.7	8933.7	8827.7	8714.4	8578.1	8535.1	8236.7	8132.1
25°	8419.1	8501.9	8595.5	8645.7	8595.5	8501.9	8419.1	8324.6	8177.3	7985.4	7835.3
22.5°	7812.4	7866.2	7898.1	7872.1	7898.1	7866.2	7812.4	7748.8	7610.5	7461.6	7296.9
20°	7261.8	7329.9	7342.6	7370.1	7342.6	7329.9	7261.8	7180.4	7101.7	6973.9	6831.4
17.5°	6852.0	6896.7	6922.8	6928.7	6922.8	6896.7	6852.0	6775.4	6703.4	6588.4	6463.4
15°	6530.9	6566.6	6590.1	6600.5	6590.1	6566.6	6530.9	6469.1	6391.2	6292.2	6184.1
12.5°	6303.3	6346.9	6368.2	6381.2	6368.2	6346.9	6303.3	6250.8	6170.8	6093.0	5979.6
10°	6157.3	6199.4	6216.4	6222.6	6216.4	6199.4	6157.3	6107.0	6044.0	5956.7	5855.0
7.5°	6052.5	6079.6	6091.0	6099.9	6091.0	6079.6	6052.5	6012.6	5946.5	5856.3	5755.5
5°	5968.0	5989.5	6001.6	6014.4	6001.6	5989.5	5968.0	5920.6	5857.4	5777.0	5672.7
2.5°	5852.9	5883.7	5905.0	5917.8	5905.0	5883.7	5852.9	5810.2	5756.3	5679.7	5571.0
0°	5739.9	5768.9	5784.1	5808.9	5784.1	5768.9	5739.9	5697.2	5643.4	5567.5	5461.3
-2.5°	5615.6	5649.2	5689.0	5727.5	5689.0	5649.2	5615.6	5573.4	5526.1	5450.5	5349.2
-5°	5520.6	5564.9	5573.2	5597.9	5573.2	5564.9	5520.6	5466.4	5402.3	5320.0	5222.3
-7.5°	5377.2	5397.4	5431.8	5437.9	5431.8	5397.4	5377.2	5330.3	5251.5	5161.5	5057.2
-10°	5156.2	5189.1	5210.6	5232.4	5210.6	5189.1	5156.2	5106.7	5040.4	4952.3	4856.7
-12.5°	4896.6	4935.2	4969.7	4964.9	4969.7	4935.2	4896.6	4851.7	4791.9	4713.8	4617.6
-15°	4643.7	4681.0	4704.7	4701.4	4704.7	4681.0	4643.7	4587.9	4534.0	4458.2	4374.8
-17.5°	4392.6	4426.7	4460.9	4460.1	4460.9	4426.7	4392.6	4344.4	4283.7	4214.2	4126.6
-20°	4133.4	4162.5	4199.2	4214.6	4199.2	4162.5	4133.4	4091.7	4020.5	3944.9	3855.2



REPORT NUMBER: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	3833.6	3870.9	3897.5	3914.0	3897.5	3870.9	3833.6	3780.3	3717.4	3628.2	3549.1
-25°	3484.2	3522.5	3542.7	3549.9	3542.7	3522.5	3484.2	3443.5	3382.2	3296.1	3213.6
-27.5°	3098.1	3141.1	3161.9	3151.3	3161.9	3141.1	3098.1	3058.3	2990.9	2933.5	2853.4
-30°	2702.2	2729.7	2733.0	2756.9	2733.0	2729.7	2702.2	2672.4	2615.6	2560.7	2494.5
-32.5°	2311.7	2330.1	2319.6	2321.1	2319.6	2330.1	2311.7	2278.8	2232.8	2185.5	2140.2
-35°	1926.0	1940.7	1943.6	1970.8	1943.6	1940.7	1926.0	1908.9	1881.5	1830.1	1812.0
-37.5°	1615.9	1621.8	1612.8	1599.8	1612.8	1621.8	1615.9	1597.5	1579.7	1546.4	1533.4
-40°	1352.9	1357.5	1354.1	1347.4	1354.1	1357.5	1352.9	1339.7	1339.3	1322.8	1305.0
-42.5°	1163.7	1163.8	1160.7	1159.8	1160.7	1163.8	1163.7	1154.7	1152.5	1137.8	1114.8
-45°	1024.0	1025.4	1025.2	1024.7	1025.2	1025.4	1024.0	1017.6	1013.2	1003.3	984.5
-47.5°	915.6	915.8	914.4	911.6	914.4	915.8	915.6	910.9	904.4	895.2	880.7
-50°	819.6	819.6	821.4	824.7	821.4	819.6	819.6	816.4	811.2	804.5	793.8
-52.5°	738.5	738.3	739.3	740.6	739.3	738.3	738.5	736.1	731.5	725.7	716.7
-55°	664.2	663.8	662.9	660.6	662.9	663.8	664.2	662.5	658.6	652.7	643.9
-57.5°	593.3	592.5	590.7	587.5	590.7	592.5	593.3	591.9	588.1	583.2	577.4
-60°	525.7	526.0	525.1	522.7	525.1	526.0	525.7	523.9	520.8	518.4	514.7
-62.5°	464.0	463.1	462.9	462.0	462.9	463.1	464.0	463.6	461.8	459.3	455.8
-65°	406.3	405.3	405.7	405.5	405.7	405.3	406.3	406.0	404.4	402.3	399.9
-67.5°	352.0	351.7	352.0	351.7	352.0	351.7	352.0	351.3	349.6	347.9	346.5
-70°	301.9	302.0	300.4	297.9	300.4	302.0	301.9	301.0	299.5	297.9	296.4
-72.5°	252.2	251.3	251.4	251.0	251.4	251.3	252.2	252.3	251.8	250.5	248.9
-75°	205.2	204.6	205.9	206.9	205.9	204.6	205.2	205.3	204.9	204.3	204.2
-77.5°	163.3	162.1	163.2	164.1	163.2	162.1	163.3	164.1	164.5	164.4	164.3
-80°	126.8	126.4	126.1	125.5	126.1	126.4	126.8	127.0	126.9	126.6	126.9
-82.5°	94.0	93.4	93.0	92.4	93.0	93.4	94.0	94.3	94.4	94.3	94.0
-85°	59.5	59.1	59.9	60.7	59.9	59.1	59.5	59.7	59.8	59.8	59.9
-87.5°	27.4	27.5	26.9	26.2	26.9	27.5	27.4	27.2	26.9	26.7	26.7
-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: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	19.4	20.4	21.2	21.4	21.5	21.5	21.5	21.3	21.1	20.9	20.5
85°	61.3	61.5	61.6	62.6	63.2	63.4	63.2	62.1	60.6	58.7	56.4
82.5°	118.9	118.7	118.2	119.4	120.0	119.9	119.0	116.6	113.6	109.9	105.4
80°	184.5	184.3	184.0	186.5	187.8	187.7	186.0	181.8	176.2	170.6	164.9
77.5°	264.8	266.6	267.3	269.9	270.5	269.0	264.9	258.5	252.9	245.6	235.9
75°	365.5	367.8	369.4	371.8	372.0	369.8	365.6	357.8	347.6	334.7	317.6
72.5°	484.2	487.2	488.1	488.1	485.7	482.9	476.8	466.4	452.9	436.2	413.5
70°	624.3	626.3	625.4	621.5	616.4	609.9	599.5	584.9	566.2	546.6	518.8
67.5°	789.2	787.1	781.4	773.6	765.3	752.8	736.3	715.2	693.7	669.0	631.6
65°	976.3	969.8	962.3	951.7	936.0	915.0	889.5	862.9	834.7	800.4	753.1
62.5°	1187.5	1166.5	1159.3	1149.0	1129.0	1099.8	1068.4	1034.7	992.6	943.5	896.0
60°	1433.3	1415.3	1397.4	1373.7	1344.4	1307.9	1268.3	1222.6	1170.8	1116.0	1052.5
57.5°	1698.7	1674.8	1656.4	1624.8	1579.3	1536.6	1486.9	1423.9	1361.8	1298.3	1222.4
55°	2016.5	1983.6	1944.7	1900.5	1851.9	1796.5	1728.7	1655.1	1579.1	1491.8	1410.9
52.5°	2328.1	2298.9	2254.2	2190.7	2133.7	2075.7	1996.1	1909.8	1823.9	1733.4	1619.8
50°	2696.6	2652.1	2591.0	2517.2	2457.4	2378.5	2289.7	2185.0	2095.6	1992.0	1866.8
47.5°	3066.8	3037.8	2965.9	2880.3	2824.8	2733.2	2623.9	2506.7	2408.0	2267.1	2130.7
45°	3535.3	3482.4	3401.8	3328.2	3241.4	3139.6	3000.1	2888.1	2756.2	2602.4	2404.7
42.5°	4084.2	4007.8	3903.2	3841.3	3737.1	3603.0	3447.9	3306.8	3142.2	2962.4	2735.3
40°	4749.4	4623.5	4517.2	4417.6	4298.9	4121.9	3950.0	3762.2	3565.4	3344.1	3048.5
37.5°	5513.6	5380.1	5223.3	5058.6	4905.3	4703.4	4473.2	4252.1	4015.6	3682.7	3345.7
35°	6309.3	6157.0	5963.4	5763.7	5525.5	5242.6	5005.1	4744.4	4421.4	3989.5	3620.6
32.5°	7094.9	6844.8	6635.1	6419.6	6063.1	5713.7	5458.1	5226.4	4677.9	4232.3	3862.2
30°	7663.0	7346.4	7134.0	6838.8	6391.4	6073.4	5830.3	5349.4	4838.9	4401.6	4050.4
27.5°	7787.3	7553.0	7337.3	6894.4	6509.0	6227.8	5848.0	5357.7	4893.5	4482.0	4142.0
25°	7548.6	7334.6	7072.2	6703.9	6382.3	6093.3	5694.5	5250.4	4833.8	4471.0	4089.4
22.5°	7095.3	6899.7	6660.8	6373.4	6100.7	5805.8	5454.4	5069.5	4711.2	4371.5	4002.1
20°	6662.2	6486.2	6264.7	6037.0	5802.4	5522.8	5189.2	4874.6	4583.0	4254.1	3897.2
17.5°	6321.7	6139.8	5965.9	5768.5	5528.2	5242.5	5002.5	4743.3	4455.1	4128.3	3777.5
15°	6037.9	5900.9	5735.2	5527.1	5306.7	5103.2	4875.0	4609.9	4322.8	3992.5	3665.8
12.5°	5864.6	5718.2	5537.2	5374.3	5190.7	4977.9	4742.6	4472.3	4197.8	3921.1	3628.2
10°	5726.0	5587.4	5438.3	5266.9	5073.0	4852.2	4632.1	4397.1	4141.5	3869.9	3580.1
7.5°	5637.2	5494.2	5335.3	5168.3	4982.2	4783.8	4568.0	4334.1	4076.1	3805.0	3520.8
5°	5551.0	5408.6	5255.9	5095.4	4905.3	4707.2	4493.6	4259.1	4000.0	3726.4	3449.8
2.5°	5452.4	5317.6	5170.2	5009.9	4816.6	4619.1	4408.3	4170.9	3915.6	3652.7	3369.1
0°	5341.4	5217.2	5058.6	4897.3	4715.2	4522.2	4311.1	4068.4	3818.8	3570.6	3275.4
-2.5°	5235.8	5103.8	4957.3	4797.1	4622.7	4422.8	4213.1	3978.3	3723.5	3472.6	3183.9
-5°	5107.0	4978.6	4831.6	4664.3	4488.5	4291.3	4082.9	3856.0	3605.3	3357.2	3081.4
-7.5°	4941.1	4817.8	4678.9	4512.4	4332.9	4135.9	3925.1	3698.5	3454.3	3208.8	2940.8
-10°	4741.9	4610.8	4469.5	4314.3	4146.3	3960.2	3751.7	3525.4	3290.4	3046.0	2788.2
-12.5°	4508.3	4383.6	4242.1	4090.4	3924.8	3742.7	3549.7	3333.8	3114.1	2868.5	2624.0
-15°	4259.7	4149.9	4010.6	3851.8	3682.5	3510.0	3326.8	3120.9	2918.0	2677.7	2448.2
-17.5°	4021.4	3900.7	3763.2	3616.6	3446.9	3265.5	3088.3	2899.6	2703.3	2484.4	2274.4
-20°	3754.1	3631.8	3504.4	3363.4	3201.7	3027.1	2846.6	2666.5	2482.2	2291.6	2100.8



REPORT NUMBER: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	3452.3	3345.3	3224.9	3091.6	2933.3	2769.4	2603.9	2433.9	2259.5	2095.4	1924.2
-25°	3128.8	3031.8	2913.5	2787.4	2647.6	2499.5	2354.5	2203.5	2053.4	1899.6	1747.7
-27.5°	2779.2	2689.1	2586.6	2476.1	2352.4	2232.2	2104.0	1973.8	1852.6	1716.9	1584.4
-30°	2420.8	2350.7	2262.7	2158.9	2072.8	1972.5	1856.2	1763.6	1658.5	1542.3	1434.3
-32.5°	2075.9	2019.4	1947.1	1877.9	1806.0	1725.9	1646.4	1560.5	1468.8	1386.0	1297.6
-35°	1764.8	1717.7	1678.3	1626.5	1559.2	1506.0	1444.8	1374.2	1304.1	1237.6	1166.7
-37.5°	1508.7	1466.7	1437.3	1398.8	1351.9	1302.3	1262.2	1213.7	1156.2	1103.0	1045.6
-40°	1288.9	1254.1	1232.7	1209.5	1177.5	1131.2	1105.8	1069.7	1030.1	979.1	932.8
-42.5°	1113.0	1096.5	1072.1	1057.6	1032.4	1001.0	968.3	947.5	915.9	876.0	838.3
-45°	978.5	968.0	947.0	932.5	914.0	889.1	855.9	840.3	816.3	788.7	753.0
-47.5°	870.8	863.1	847.6	828.5	814.2	792.7	769.5	747.5	733.5	709.8	680.5
-50°	781.6	774.2	760.4	741.4	728.3	711.9	693.6	671.7	658.4	638.3	613.9
-52.5°	704.7	695.3	683.0	667.2	654.5	643.2	626.8	606.7	589.2	575.4	557.5
-55°	632.1	624.1	615.9	604.6	590.7	579.6	564.2	546.8	532.4	520.5	505.2
-57.5°	570.9	563.7	554.8	544.0	531.5	520.6	509.0	495.6	480.7	469.5	455.3
-60°	508.8	501.1	494.7	486.6	476.8	466.8	457.4	445.8	432.2	421.1	408.7
-62.5°	451.0	444.8	439.4	432.9	425.0	416.2	407.7	398.0	386.7	375.2	364.8
-65°	396.5	392.1	387.4	381.8	375.2	367.7	360.4	352.3	343.2	333.0	323.3
-67.5°	343.9	340.0	336.1	331.8	327.3	322.0	316.3	309.3	301.7	293.4	285.2
-70°	293.8	290.1	286.9	284.4	281.7	278.2	273.6	268.2	262.0	255.5	248.2
-72.5°	246.9	244.3	242.3	240.9	238.6	235.8	232.4	228.6	224.1	219.0	212.2
-75°	203.5	202.2	200.8	199.8	198.0	195.5	192.7	189.9	186.3	182.0	176.5
-77.5°	163.8	162.9	161.7	160.7	159.0	156.6	153.9	151.8	149.4	146.0	141.8
-80°	126.8	126.3	125.5	124.7	123.6	122.0	120.2	118.1	115.3	112.0	108.9
-82.5°	93.5	92.9	92.1	91.4	90.3	89.0	87.3	85.7	83.9	81.8	79.6
-85°	59.8	59.6	59.2	58.7	58.0	57.3	56.5	55.8	55.0	53.9	52.7
-87.5°	26.6	26.5	26.3	27.0	27.5	27.9	28.3	27.9	27.5	26.9	26.3
-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: P558826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	20.0	19.5	18.9	18.2	17.8	17.2	16.5	15.7	14.4	13.0	11.5
85°	53.5	50.2	46.5	42.4	38.6	34.5	33.1	31.4	28.7	25.9	23.0
82.5°	99.9	95.0	90.0	84.3	78.2	71.6	64.7	57.3	48.3	39.6	34.4
80°	157.6	149.5	140.6	130.9	120.2	108.7	99.2	88.9	76.2	63.8	52.0
77.5°	223.4	209.7	194.9	182.2	169.0	154.8	139.5	122.3	103.7	87.8	72.5
75°	296.6	279.3	261.6	242.2	221.7	200.9	182.8	161.7	136.6	112.1	92.7
72.5°	387.7	360.9	333.4	305.1	280.4	255.1	229.0	200.4	171.0	142.2	114.1
70°	485.2	448.4	413.8	379.7	344.2	309.2	278.9	243.6	204.9	171.7	139.6
67.5°	589.1	548.8	504.8	456.5	413.9	372.4	329.9	287.1	243.8	200.8	164.5
65°	707.1	656.2	601.2	548.2	491.6	436.2	388.7	332.2	281.9	234.4	188.8
62.5°	836.8	770.3	710.6	643.9	577.7	512.4	445.5	381.9	320.4	267.2	215.9
60°	983.6	910.8	826.9	752.3	672.5	592.4	512.9	430.0	362.9	299.2	243.7
57.5°	1145.3	1059.6	969.9	871.2	777.6	682.8	580.2	484.9	403.8	333.9	270.3
55°	1314.2	1218.0	1116.6	1008.1	892.4	783.0	650.9	541.1	445.2	368.2	295.1
52.5°	1503.5	1388.4	1271.4	1149.0	1021.7	880.4	729.5	594.1	491.5	401.1	321.4
50°	1721.4	1577.6	1438.7	1298.1	1152.8	982.8	802.9	657.4	535.1	434.2	346.5
47.5°	1970.1	1795.5	1623.3	1454.6	1293.8	1077.9	883.7	717.9	575.6	469.6	369.8
45°	2227.5	2035.2	1826.8	1631.5	1408.4	1174.1	962.5	773.5	624.7	500.3	391.4
42.5°	2486.1	2277.8	2054.2	1810.1	1526.1	1265.3	1034.3	836.1	669.8	528.6	413.9
40°	2773.1	2519.7	2280.9	1975.9	1633.2	1348.2	1108.3	894.7	710.4	557.1	436.5
37.5°	3046.9	2766.7	2504.2	2102.4	1731.1	1433.1	1175.9	947.2	747.6	587.9	457.0
35°	3302.4	3006.1	2616.7	2205.3	1828.2	1505.0	1235.7	996.7	787.1	615.0	475.5
32.5°	3535.5	3159.5	2702.9	2285.6	1905.2	1563.6	1290.0	1040.8	820.9	638.4	491.7
30°	3694.4	3216.9	2762.2	2343.7	1962.6	1620.5	1334.2	1077.4	849.0	658.2	506.9
27.5°	3702.8	3243.5	2793.8	2379.9	2002.1	1662.1	1367.8	1106.4	871.4	676.6	522.6
25°	3673.8	3231.8	2798.5	2393.3	2023.1	1696.2	1393.6	1128.2	892.1	694.4	535.4
22.5°	3605.9	3190.2	2777.4	2384.2	2046.1	1719.8	1414.9	1146.9	908.7	707.9	545.4
20°	3520.2	3122.6	2742.0	2393.1	2057.6	1734.9	1430.9	1158.9	919.5	717.0	552.6
17.5°	3415.1	3068.9	2736.0	2391.4	2057.6	1739.3	1438.1	1164.5	924.6	722.0	557.1
15°	3366.8	3047.9	2718.0	2378.7	2046.3	1733.5	1436.8	1163.7	924.3	723.1	560.3
12.5°	3328.0	3014.8	2688.9	2354.9	2024.0	1717.8	1427.3	1156.8	918.8	723.0	562.6
10°	3278.8	2969.7	2648.6	2320.1	1991.3	1692.7	1409.9	1146.3	916.0	721.9	562.8
7.5°	3219.0	2912.7	2597.2	2274.6	1951.9	1664.7	1392.2	1134.5	910.2	717.6	560.8
5°	3149.5	2849.8	2542.0	2231.1	1921.9	1635.0	1368.7	1117.1	900.5	710.4	556.9
2.5°	3074.3	2784.7	2480.2	2178.2	1884.1	1598.0	1338.9	1094.6	887.1	700.6	551.0
0°	2987.2	2708.6	2408.0	2115.6	1838.4	1554.3	1303.3	1067.4	870.2	688.2	543.4
-2.5°	2910.6	2625.0	2330.2	2047.6	1771.8	1501.9	1264.5	1040.1	851.5	676.0	535.4
-5°	2821.6	2530.6	2243.2	1970.9	1698.2	1444.1	1220.9	1009.2	829.8	661.7	525.9
-7.5°	2690.8	2415.2	2144.1	1884.7	1618.6	1381.6	1173.4	975.2	805.3	645.4	514.9
-10°	2543.4	2284.6	2031.9	1787.3	1541.2	1320.0	1123.1	938.5	778.5	627.4	502.5
-12.5°	2387.7	2147.0	1913.5	1685.3	1461.5	1259.3	1075.0	902.5	750.0	607.6	488.9
-15°	2224.6	2003.5	1789.9	1579.7	1379.1	1195.4	1024.6	865.8	721.8	587.4	474.3
-17.5°	2058.6	1855.4	1661.9	1471.7	1295.0	1129.1	972.5	827.2	692.2	567.2	459.6
-20°	1907.1	1717.0	1531.5	1362.5	1210.2	1060.8	919.1	787.0	661.2	545.9	444.7



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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°	1756.0	1589.2	1421.7	1261.0	1127.0	991.1	865.0	745.5	629.1	523.7	428.8
-25°	1605.6	1462.3	1314.6	1176.7	1046.4	926.3	812.8	703.1	596.2	500.7	411.9
-27.5°	1463.9	1338.4	1207.0	1092.1	976.0	862.6	762.4	662.8	564.4	477.0	394.2
-30°	1328.7	1220.2	1110.5	1009.4	906.3	807.1	711.9	622.7	535.3	454.1	375.6
-32.5°	1203.8	1103.5	1018.4	932.6	842.3	752.0	665.1	582.7	506.1	431.3	358.3
-35°	1087.7	1003.8	929.0	858.4	780.5	701.9	622.3	543.2	477.0	407.9	341.1
-37.5°	977.1	915.5	851.4	788.6	718.9	652.8	581.9	510.5	447.9	383.8	323.7
-40°	886.3	833.6	780.1	722.5	664.4	604.8	541.4	479.5	419.6	359.2	305.9
-42.5°	799.7	758.8	712.7	658.4	613.7	560.4	501.6	448.0	392.2	337.0	287.9
-45°	722.6	687.9	648.6	607.8	565.1	516.5	466.4	416.3	364.8	316.2	270.5
-47.5°	650.1	624.2	592.3	558.2	518.7	474.3	430.8	386.0	337.4	295.4	253.8
-50°	588.9	566.6	540.9	510.0	473.3	435.6	395.9	355.8	314.4	274.8	236.7
-52.5°	535.8	514.5	491.5	463.1	431.8	396.9	363.7	326.2	291.0	254.9	219.4
-55°	485.9	465.1	444.0	419.7	391.6	362.5	331.9	300.0	267.1	235.1	202.0
-57.5°	438.7	418.5	400.4	378.6	355.0	329.6	302.0	273.4	244.3	215.0	186.6
-60°	393.5	377.0	359.2	341.2	320.7	297.6	272.9	247.2	221.7	195.1	171.0
-62.5°	351.9	337.0	322.2	306.0	287.1	266.3	244.0	222.2	198.8	177.2	155.1
-65°	312.8	300.5	286.5	271.1	253.9	235.7	216.9	196.9	178.1	159.1	139.2
-67.5°	275.5	264.2	250.6	236.4	222.7	207.4	189.9	173.9	157.9	140.8	123.5
-70°	239.1	228.1	216.7	205.9	193.6	179.6	165.7	151.7	137.5	123.3	107.6
-72.5°	204.0	195.3	186.2	176.4	165.7	154.2	141.9	129.8	118.4	105.7	91.7
-75°	169.9	163.2	156.1	148.2	138.8	128.9	119.3	109.5	99.4	88.1	77.6
-77.5°	137.0	131.9	126.3	120.5	113.4	105.7	97.6	89.2	81.0	72.8	64.1
-80°	106.1	102.8	99.0	94.6	88.7	82.5	76.7	70.7	64.4	57.7	50.5
-82.5°	77.4	75.1	72.5	69.4	65.4	61.3	57.1	52.7	47.8	42.5	37.3
-85°	51.1	49.3	47.2	44.9	42.5	40.0	37.6	35.0	31.7	28.3	24.9
-87.5°	25.4	24.4	23.3	22.1	21.1	20.0	18.8	17.5	15.8	14.2	12.4
-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°	10.0	8.4	6.8	5.2	3.5	1.7	0.0
85°	20.0	16.8	13.6	10.3	7.0	3.4	0.0
82.5°	29.9	25.2	20.4	15.5	10.4	5.1	0.0
80°	40.7	33.6	27.2	20.6	13.9	6.8	0.0
77.5°	57.8	43.8	33.9	25.7	17.3	8.5	0.0
75°	74.7	57.4	41.2	30.7	20.7	10.2	0.0
72.5°	91.3	70.9	51.7	35.7	24.0	11.8	0.0
70°	108.2	84.1	61.9	41.1	27.3	13.4	0.0
67.5°	128.9	97.0	71.9	48.4	30.5	15.0	0.0
65°	149.0	111.3	81.7	55.5	33.7	16.6	0.0
62.5°	168.5	126.9	91.2	62.5	36.8	18.1	0.0
60°	187.2	142.0	100.5	69.3	39.8	19.6	0.0
57.5°	208.4	156.5	111.6	75.8	44.0	21.1	0.0
55°	229.0	170.4	122.4	82.2	48.2	22.5	0.0
52.5°	248.4	184.0	132.7	88.3	52.2	23.8	0.0
50°	266.7	198.9	142.5	94.1	56.1	25.2	0.0
47.5°	284.2	212.9	151.8	100.0	59.8	26.4	0.0
45°	302.4	226.0	160.6	106.6	63.4	27.6	0.0
42.5°	319.2	238.1	168.7	112.7	66.8	28.8	0.0
40°	334.6	249.2	177.0	118.6	70.0	29.9	0.0
37.5°	348.4	259.3	185.3	124.1	73.1	31.0	0.0
35°	360.7	269.4	192.9	129.3	76.0	31.9	0.0
32.5°	372.6	278.9	199.7	134.1	78.7	32.9	0.0
30°	385.3	287.2	205.8	138.6	81.2	33.7	0.0
27.5°	396.3	294.4	211.6	142.7	83.5	34.5	0.0
25°	405.5	300.4	216.7	146.3	85.6	35.2	0.0
22.5°	413.1	305.7	221.1	149.6	87.5	35.9	0.0
20°	419.0	310.9	224.8	152.5	89.2	36.5	0.0
17.5°	424.3	315.2	227.7	155.0	90.7	37.0	0.0
15°	428.6	318.6	230.0	157.1	92.0	37.5	0.0
12.5°	431.2	321.1	231.6	158.8	93.1	37.8	0.0
10°	432.2	322.7	232.6	160.1	93.9	38.1	0.0
7.5°	431.8	323.4	232.9	161.0	94.6	38.4	0.0
5°	429.8	323.1	232.6	161.5	95.0	38.5	0.0
2.5°	426.6	322.0	231.7	161.7	95.2	38.6	0.0
0°	422.0	320.0	230.3	161.4	95.2	38.6	0.0
-2.5°	417.2	317.0	229.2	160.7	95.0	38.7	0.0
-5°	411.2	313.1	227.6	159.6	94.5	38.6	0.0
-7.5°	404.1	308.5	225.4	158.1	93.9	38.5	0.0
-10°	396.0	303.2	222.7	156.3	93.0	38.4	0.0
-12.5°	386.9	297.2	219.6	154.1	92.0	38.1	0.0
-15°	376.9	290.6	215.9	151.6	90.7	37.8	0.0
-17.5°	366.0	283.5	211.7	148.7	89.3	37.4	0.0
-20°	354.7	275.9	207.1	145.6	87.7	36.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	343.4	267.8	202.0	142.1	85.9	36.4	0.0
-25°	331.4	259.7	196.5	138.4	83.9	35.8	0.0
-27.5°	318.8	251.3	190.5	134.4	81.8	35.1	0.0
-30°	305.6	242.3	184.1	130.1	79.5	34.3	0.0
-32.5°	291.9	232.9	177.5	125.5	77.1	33.5	0.0
-35°	279.2	222.9	170.6	120.7	74.5	32.6	0.0
-37.5°	266.5	212.9	163.3	115.7	71.8	31.6	0.0
-40°	253.4	203.3	155.7	110.5	69.0	30.6	0.0
-42.5°	239.8	193.4	148.1	105.0	66.0	29.5	0.0
-45°	225.9	183.1	140.7	99.4	62.9	28.3	0.0
-47.5°	211.6	172.6	132.9	93.6	59.7	27.1	0.0
-50°	198.5	161.8	124.9	88.4	56.4	25.8	0.0
-52.5°	185.4	150.8	116.6	83.3	53.0	24.5	0.0
-55°	172.1	140.1	108.1	78.0	49.5	23.1	0.0
-57.5°	158.5	129.3	99.4	72.6	45.9	21.7	0.0
-60°	144.9	118.2	90.5	67.0	42.2	20.2	0.0
-62.5°	131.6	107.0	83.0	61.3	39.1	18.7	0.0
-65°	118.1	95.6	75.4	55.6	35.8	17.1	0.0
-67.5°	104.3	84.9	67.6	49.7	32.5	15.5	0.0
-70°	90.4	75.2	59.7	43.7	29.1	13.9	0.0
-72.5°	78.5	65.3	51.7	38.2	25.6	12.2	0.0
-75°	66.7	55.4	43.6	32.9	22.1	10.5	0.0
-77.5°	54.8	45.3	36.3	27.5	18.5	8.8	0.0
-80°	42.9	36.0	29.1	22.1	14.8	7.1	0.0
-82.5°	32.1	27.0	21.9	16.6	11.1	5.3	0.0
-85°	21.4	18.1	14.6	11.1	7.4	3.5	0.0
-87.5°	10.7	9.0	7.3	5.5	3.7	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)