

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: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-935-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558834 (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-935-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

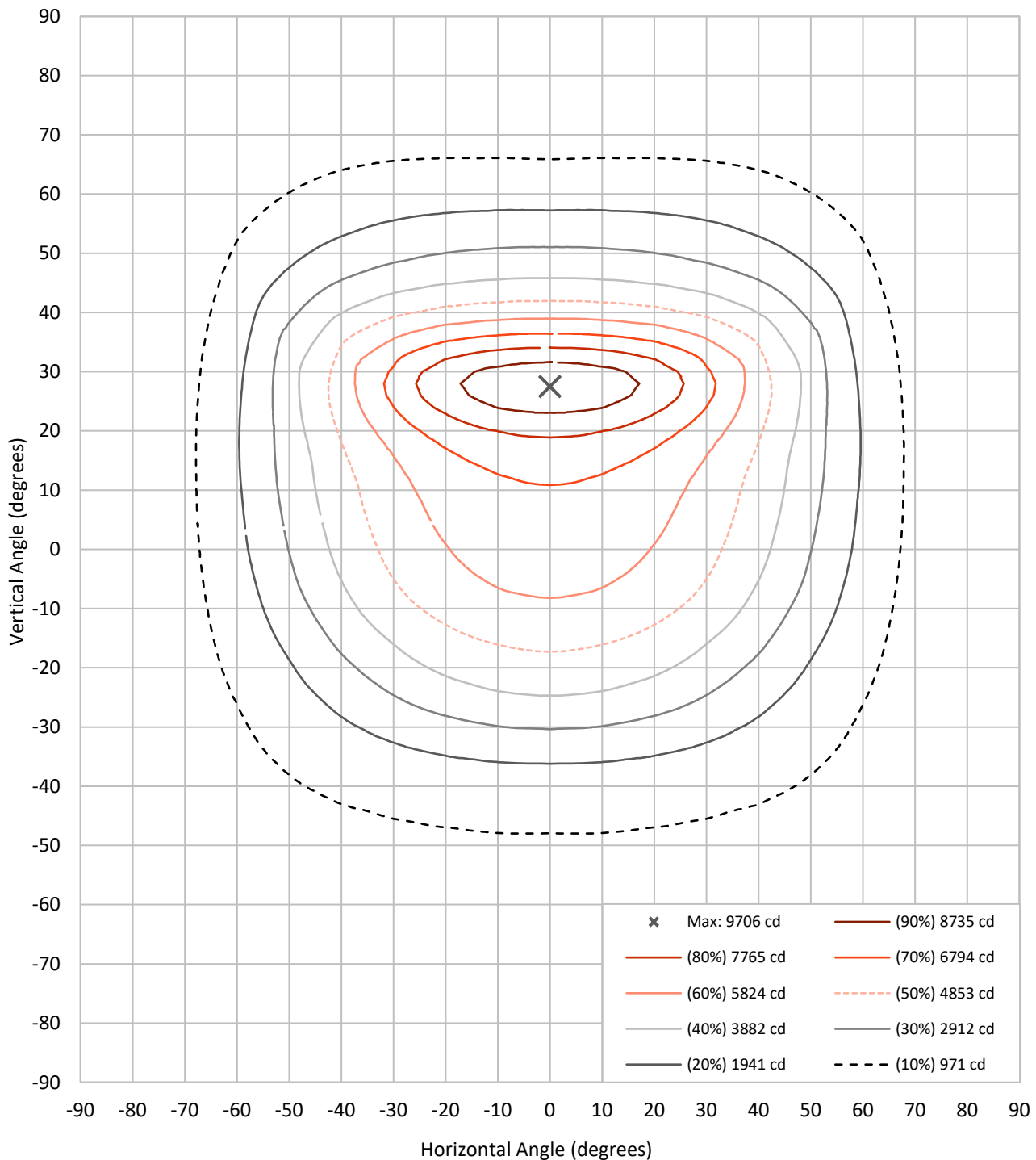
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14149.7 lumens	Max Intensity:	9706 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	89.6 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:	7353.6 lumens	Field Lumens:	13089.7 lumens
Beam Efficiency:	52.0%	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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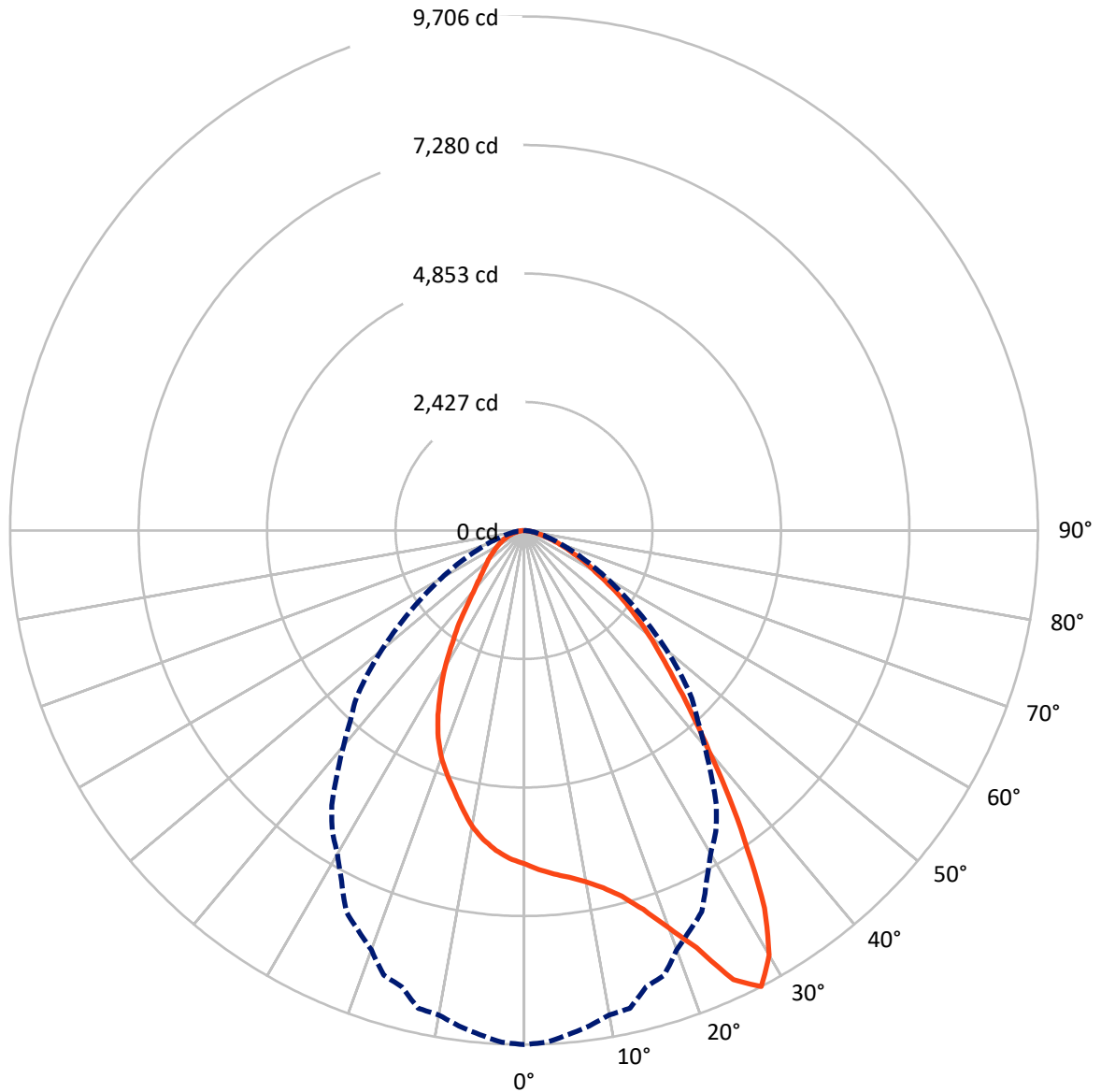
### Iso-Candela Plot





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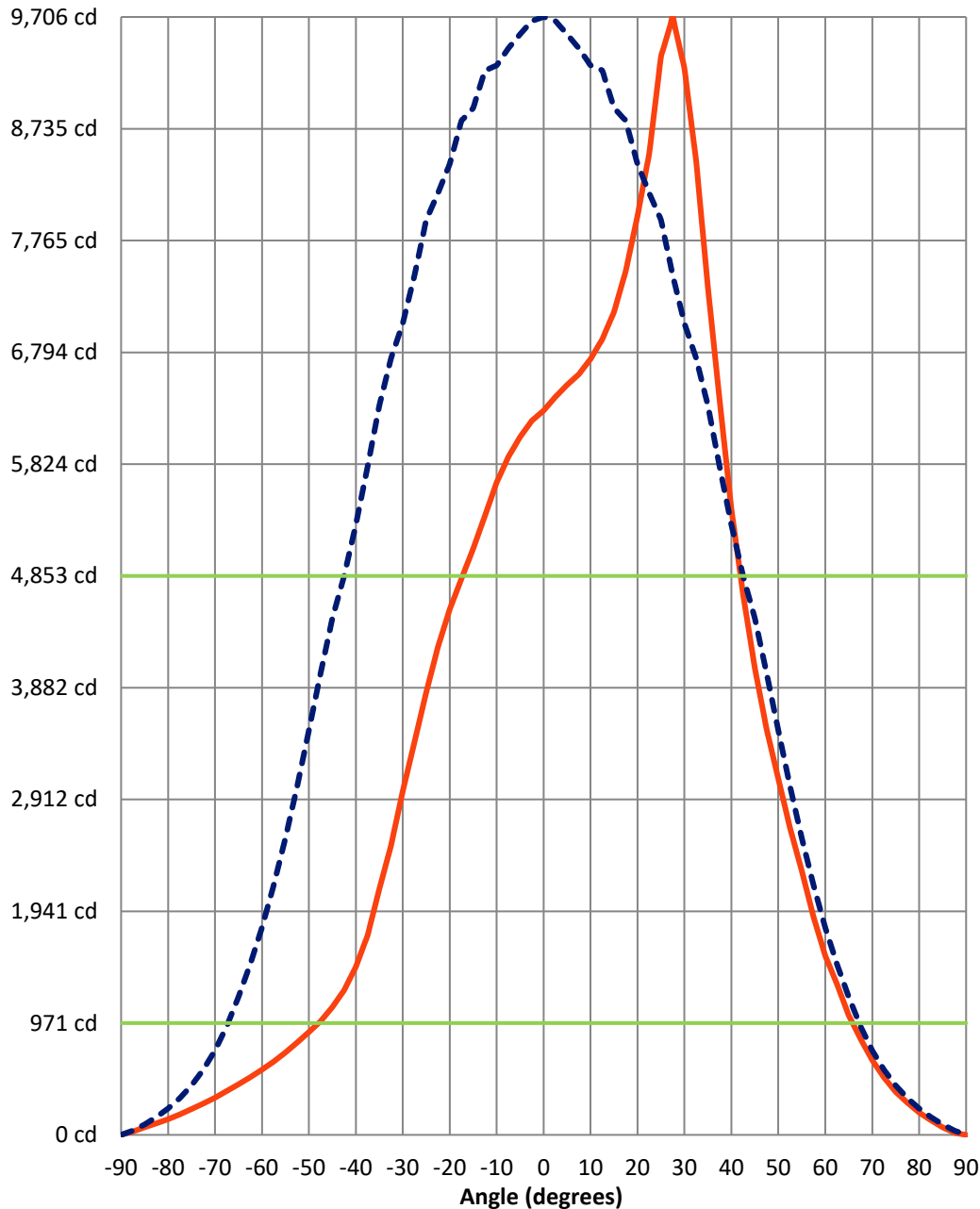
### Luminous Intensity Polar Plot



— 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: 7353.6  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 13089.7  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1060  
 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	1.9	3.8	5.6	7.4	9.1	10.8	12.5	14.0	15.6	17.0
85°	0.0	3.7	7.5	11.2	14.8	18.2	21.6	24.9	28.1	31.1	34.0
82.5°	0.0	5.6	11.3	16.8	22.1	27.3	32.4	37.3	42.9	52.3	62.0
80°	0.0	7.4	15.0	22.3	29.4	36.4	44.0	56.3	69.1	82.4	96.3
77.5°	0.0	9.2	18.7	27.8	36.7	47.4	62.6	78.5	95.1	112.3	132.3
75°	0.0	11.0	22.4	33.3	44.7	62.2	80.9	100.4	121.4	147.9	175.0
72.5°	0.0	12.8	26.0	38.7	55.9	76.7	98.8	123.6	153.9	185.1	217.0
70°	0.0	14.5	29.5	44.5	67.0	91.0	117.2	151.1	185.9	221.8	263.7
67.5°	0.0	16.3	33.0	52.4	77.9	105.0	139.6	178.1	217.4	263.9	310.9
65°	0.0	17.9	36.4	60.1	88.5	120.5	161.3	204.4	253.8	305.2	359.7
62.5°	0.0	19.6	39.8	67.7	98.8	137.4	182.4	233.7	289.3	346.9	413.5
60°	0.0	21.2	43.1	75.0	108.8	153.7	202.6	263.8	323.9	392.9	465.5
57.5°	0.0	22.8	47.7	82.1	120.8	169.4	225.6	292.7	361.5	437.2	525.0
55°	0.0	24.3	52.2	89.0	132.5	184.4	247.8	319.5	398.7	482.0	585.8
52.5°	0.0	25.8	56.5	95.6	143.6	199.1	268.9	348.1	434.3	532.2	643.1
50°	0.0	27.2	60.7	101.9	154.2	215.3	288.8	375.2	470.1	579.3	711.7
47.5°	0.0	28.6	64.7	108.3	164.3	230.5	307.7	400.4	508.4	623.1	777.1
45°	0.0	29.9	68.6	115.4	173.7	244.6	327.4	423.7	541.7	676.2	837.4
42.5°	0.0	31.2	72.3	122.0	182.6	257.7	345.6	448.2	572.2	725.1	905.1
40°	0.0	32.4	75.8	128.3	191.6	269.8	362.2	472.6	603.1	769.1	968.6
37.5°	0.0	33.5	79.1	134.3	200.6	280.8	377.2	494.8	636.4	809.3	1025.5
35°	0.0	34.6	82.2	140.0	208.7	291.7	390.5	514.7	665.8	852.1	1079.1
32.5°	0.0	35.6	85.2	145.2	216.2	302.0	403.4	532.4	691.2	888.7	1126.8
30°	0.0	36.5	87.9	150.0	222.8	311.0	417.1	548.8	712.5	919.1	1166.3
27.5°	0.0	37.4	90.4	154.4	229.0	318.7	429.0	565.8	732.4	943.4	1197.8
25°	0.0	38.2	92.7	158.4	234.6	325.3	439.1	579.6	751.8	965.7	1221.4
22.5°	0.0	38.9	94.7	161.9	239.3	331.0	447.3	590.4	766.3	983.7	1241.6
20°	0.0	39.5	96.6	165.1	243.3	336.6	453.6	598.2	776.2	995.4	1254.6
17.5°	0.0	40.1	98.2	167.8	246.5	341.3	459.4	603.1	781.6	1000.9	1260.6
15°	0.0	40.6	99.6	170.0	249.0	345.0	464.0	606.5	782.7	1000.6	1259.8
12.5°	0.0	41.0	100.7	171.9	250.7	347.6	466.8	609.1	782.7	994.6	1252.4
10°	0.0	41.3	101.7	173.3	251.8	349.3	468.0	609.2	781.4	991.6	1241.0
7.5°	0.0	41.5	102.3	174.3	252.1	350.1	467.5	607.1	776.8	985.3	1228.3
5°	0.0	41.7	102.8	174.8	251.8	349.8	465.4	602.8	769.1	974.8	1209.4
2.5°	0.0	41.8	103.0	175.0	250.9	348.6	461.8	596.5	758.4	960.4	1185.0
0°	0.0	41.8	103.0	174.7	249.3	346.4	456.9	588.2	745.0	942.1	1155.6
-2.5°	0.0	41.9	102.8	173.9	248.1	343.1	451.7	579.6	731.8	921.8	1126.0
-5°	0.0	41.8	102.3	172.7	246.3	339.0	445.2	569.2	716.3	898.3	1092.5
-7.5°	0.0	41.7	101.6	171.1	244.0	334.0	437.5	557.3	698.7	871.8	1055.7
-10°	0.0	41.5	100.7	169.1	241.1	328.2	428.7	544.0	679.1	842.8	1016.0
-12.5°	0.0	41.3	99.5	166.8	237.7	321.7	418.9	529.3	657.8	811.9	977.0
-15°	0.0	40.9	98.2	164.1	233.7	314.6	408.0	513.4	635.9	781.4	937.2
-17.5°	0.0	40.5	96.6	161.0	229.2	306.9	396.2	497.6	614.1	749.3	895.4
-20°	0.0	40.0	94.9	157.6	224.2	298.6	384.0	481.4	591.0	715.7	851.9



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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	39.4	93.0	153.8	218.7	289.9	371.7	464.2	566.9	681.0	807.1
-25°	0.0	38.7	90.8	149.8	212.7	281.2	358.8	446.0	542.0	645.4	761.1
-27.5°	0.0	38.0	88.5	145.4	206.2	272.0	345.1	426.7	516.4	611.0	717.5
-30°	0.0	37.2	86.1	140.8	199.3	262.3	330.8	406.6	491.6	579.5	674.1
-32.5°	0.0	36.3	83.4	135.9	192.2	252.1	316.0	387.8	467.0	547.9	630.8
-35°	0.0	35.3	80.7	130.7	184.6	241.3	302.2	369.3	441.6	516.3	588.0
-37.5°	0.0	34.2	77.7	125.2	176.8	230.5	288.5	350.4	415.5	484.9	552.6
-40°	0.0	33.1	74.6	119.6	168.5	220.1	274.3	331.2	388.9	454.3	519.1
-42.5°	0.0	31.9	71.4	113.7	160.4	209.3	259.7	311.7	364.9	424.6	485.0
-45°	0.0	30.7	68.1	107.6	152.2	198.2	244.6	292.8	342.3	395.0	450.6
-47.5°	0.0	29.4	64.6	101.3	143.8	186.8	229.1	274.7	319.8	365.4	417.9
-50°	0.0	28.0	61.0	95.7	135.2	175.2	214.9	256.3	297.5	340.4	385.2
-52.5°	0.0	26.5	57.3	90.1	126.2	163.2	200.7	237.6	276.0	315.0	353.2
-55°	0.0	25.0	53.5	84.4	117.0	151.7	186.3	218.8	254.5	289.2	324.7
-57.5°	0.0	23.5	49.6	78.5	107.5	140.0	171.7	202.1	232.7	264.5	296.0
-60°	0.0	21.9	45.7	72.5	98.0	128.0	156.9	185.2	211.3	240.0	267.6
-62.5°	0.0	20.2	42.2	66.4	89.9	115.8	142.5	168.0	191.9	215.2	240.5
-65°	0.0	18.5	38.7	60.1	81.6	103.4	127.8	150.7	172.3	192.8	213.2
-67.5°	0.0	16.8	35.1	53.7	73.2	92.0	113.0	133.7	152.5	170.9	188.3
-70°	0.0	15.0	31.5	47.2	64.6	81.4	97.9	116.5	133.5	148.8	164.2
-72.5°	0.0	13.2	27.7	41.4	56.0	70.7	85.0	99.3	114.5	128.2	140.5
-75°	0.0	11.4	23.9	35.6	47.2	59.9	72.2	84.0	95.4	107.6	118.5
-77.5°	0.0	9.5	20.0	29.8	39.3	49.0	59.3	69.4	78.8	87.7	96.6
-80°	0.0	7.6	16.0	23.9	31.5	38.9	46.4	54.6	62.4	69.7	76.5
-82.5°	0.0	5.7	12.1	17.9	23.7	29.3	34.7	40.3	45.9	51.7	57.1
-85°	0.0	3.8	8.1	12.0	15.8	19.5	23.2	26.9	30.6	34.3	37.8
-87.5°	0.0	1.9	4.0	6.0	7.9	9.8	11.6	13.5	15.3	17.1	18.9
-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: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	17.9	18.7	19.2	19.7	20.4	21.1	21.7	22.2	22.6	22.9	23.1
85°	35.8	37.3	41.7	45.9	50.4	54.4	57.9	61.1	63.6	65.7	67.3
82.5°	70.0	77.5	84.6	91.3	97.4	102.8	108.1	114.1	118.9	123.0	126.3
80°	107.4	117.7	130.1	141.7	152.2	161.8	170.6	178.5	184.6	190.8	196.8
77.5°	151.0	167.6	183.0	197.2	210.9	226.9	241.8	255.4	265.9	273.8	279.8
75°	197.9	217.5	239.9	262.2	283.1	302.3	321.0	343.8	362.4	376.3	387.4
72.5°	247.9	276.1	303.6	330.2	360.9	390.7	419.7	447.7	472.3	490.3	504.9
70°	301.9	334.7	372.7	411.0	448.0	485.4	525.3	561.7	591.7	613.0	633.2
67.5°	357.2	403.2	448.1	494.3	546.6	594.2	637.7	683.8	724.3	750.9	774.2
65°	420.8	472.3	532.3	593.5	650.8	710.4	765.5	815.3	866.4	903.6	934.1
62.5°	482.3	554.7	625.4	697.0	769.2	833.9	905.8	970.0	1021.4	1074.6	1120.1
60°	555.3	641.3	728.0	814.4	895.2	986.0	1064.9	1139.4	1208.2	1267.5	1323.5
57.5°	628.1	739.2	841.8	943.1	1049.9	1147.1	1239.8	1323.4	1405.6	1474.2	1541.4
55°	704.7	847.7	966.1	1091.3	1208.8	1318.6	1422.8	1527.4	1615.0	1709.5	1791.8
52.5°	789.7	953.0	1106.0	1243.9	1376.4	1503.0	1627.6	1753.6	1876.5	1974.5	2067.5
50°	869.2	1063.9	1247.9	1405.3	1557.5	1707.9	1863.6	2021.0	2156.5	2268.6	2365.4
47.5°	956.7	1166.8	1400.7	1574.7	1757.4	1943.7	2132.8	2306.6	2454.3	2606.8	2713.7
45°	1041.9	1271.0	1524.8	1766.2	1977.6	2203.2	2411.5	2603.3	2817.3	2983.8	3126.7
42.5°	1119.7	1369.8	1652.2	1959.5	2223.7	2465.9	2691.3	2961.1	3207.0	3401.7	3579.9
40°	1199.8	1459.6	1768.0	2139.0	2469.2	2727.8	3002.1	3300.3	3620.3	3859.9	4072.9
37.5°	1273.0	1551.5	1874.0	2276.0	2710.9	2995.2	3298.5	3622.0	3986.9	4347.1	4603.2
35°	1337.8	1629.2	1979.1	2387.4	2832.7	3254.3	3575.1	3919.7	4318.9	4786.5	5136.1
32.5°	1396.6	1692.7	2062.5	2474.3	2926.1	3420.4	3827.5	4181.1	4581.7	5064.2	5658.0
30°	1444.4	1754.3	2124.7	2537.2	2990.2	3482.5	3999.5	4384.8	4765.0	5238.5	5791.1
27.5°	1480.8	1799.4	2167.4	2576.4	3024.5	3511.4	4008.6	4484.0	4852.0	5297.6	5800.1
25°	1508.6	1836.3	2190.1	2590.9	3029.6	3498.7	3977.1	4427.1	4840.2	5233.0	5684.0
22.5°	1531.7	1861.8	2215.0	2581.1	3006.7	3453.6	3903.6	4332.6	4732.5	5100.2	5488.1
20°	1549.1	1878.1	2227.5	2590.7	2968.4	3380.4	3810.8	4219.0	4605.3	4961.4	5277.1
17.5°	1556.9	1882.9	2227.5	2588.9	2961.9	3322.3	3697.1	4089.5	4469.2	4823.0	5134.9
15°	1555.5	1876.6	2215.3	2575.1	2942.5	3299.6	3644.8	3968.5	4322.1	4679.8	4990.5
12.5°	1545.1	1859.7	2191.2	2549.3	2911.0	3263.8	3602.7	3927.8	4244.9	4544.4	4841.5
10°	1526.4	1832.5	2155.7	2511.7	2867.3	3214.9	3549.6	3875.7	4189.5	4483.5	4760.2
7.5°	1507.1	1802.2	2113.1	2462.4	2811.7	3153.2	3484.7	3811.5	4119.2	4412.6	4692.0
5°	1481.7	1770.0	2080.6	2415.3	2751.9	3085.1	3409.6	3734.7	4034.2	4330.3	4610.8
2.5°	1449.5	1730.0	2039.7	2358.1	2685.0	3014.6	3328.2	3647.3	3954.4	4238.9	4515.3
0°	1410.9	1682.6	1990.2	2290.3	2606.8	2932.3	3233.9	3545.9	3865.4	4134.1	4404.4
-2.5°	1368.9	1625.9	1918.1	2216.7	2522.6	2841.8	3151.0	3446.8	3759.2	4030.9	4306.9
-5°	1321.7	1563.3	1838.4	2133.6	2428.5	2739.6	3054.6	3335.9	3634.3	3903.0	4174.4
-7.5°	1270.2	1495.7	1752.2	2040.3	2321.2	2614.7	2913.0	3183.6	3473.7	3739.5	4003.9
-10°	1215.9	1429.0	1668.5	1934.9	2199.7	2473.3	2753.5	3018.5	3297.4	3562.1	3816.5
-12.5°	1163.8	1363.2	1582.1	1824.4	2071.5	2324.3	2584.9	2840.7	3105.3	3371.2	3609.1
-15°	1109.2	1294.1	1493.0	1710.1	1937.7	2169.0	2408.3	2650.4	2898.8	3158.9	3378.7
-17.5°	1052.8	1222.3	1402.0	1593.3	1799.1	2008.6	2228.6	2462.3	2689.6	2926.5	3139.0
-20°	995.0	1148.4	1310.2	1475.0	1657.9	1858.8	2064.6	2274.3	2480.9	2687.2	2886.7



REPORT NUMBER: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	936.4	1072.9	1220.1	1365.2	1539.1	1720.4	1901.1	2083.1	2268.4	2446.1	2634.8
-25°	879.8	1002.8	1132.9	1273.9	1423.1	1583.0	1738.2	1892.1	2056.4	2222.9	2385.5
-27.5°	825.3	933.8	1056.6	1182.4	1306.7	1449.0	1584.8	1715.2	1858.7	2005.5	2136.8
-30°	770.6	873.7	981.2	1092.8	1202.2	1321.0	1438.4	1552.8	1669.7	1795.5	1909.1
-32.5°	719.9	814.0	911.8	1009.7	1102.5	1194.7	1303.2	1404.8	1500.4	1590.1	1689.3
-35°	673.6	759.8	844.9	929.2	1005.8	1086.7	1177.5	1263.1	1339.8	1411.8	1487.7
-37.5°	629.9	706.7	778.3	853.7	921.7	991.1	1057.9	1132.0	1194.2	1251.7	1313.9
-40°	586.1	654.7	719.2	782.2	844.5	902.5	959.5	1009.9	1060.0	1115.2	1158.0
-42.5°	542.9	606.7	664.4	712.8	771.5	821.4	865.7	907.5	948.4	991.5	1025.8
-45°	504.8	559.1	611.8	658.1	702.2	744.7	782.3	815.1	853.8	883.8	909.7
-47.5°	466.4	513.5	561.6	604.3	641.2	675.7	703.7	736.6	768.4	794.1	809.2
-50°	428.6	471.6	512.4	552.2	585.6	613.4	637.4	664.5	691.0	712.8	727.2
-52.5°	393.7	429.6	467.4	501.3	532.1	556.9	580.0	603.5	622.9	637.8	656.7
-55°	359.3	392.4	423.9	454.4	480.7	503.5	526.0	546.9	563.5	576.4	592.0
-57.5°	327.0	356.8	384.3	409.9	433.5	453.1	475.0	492.9	508.3	520.4	536.5
-60°	295.4	322.2	347.2	369.4	388.8	408.1	426.0	442.5	455.9	467.9	482.7
-62.5°	264.1	288.3	310.8	331.2	348.9	364.9	381.0	395.0	406.2	418.7	430.9
-65°	234.8	255.1	274.9	293.5	310.1	325.4	338.7	350.0	360.6	371.6	381.4
-67.5°	205.6	224.5	241.1	255.8	271.2	286.0	298.3	308.8	317.6	326.6	334.9
-70°	179.4	194.5	209.6	222.9	234.6	246.9	258.9	268.7	276.6	283.7	290.4
-72.5°	153.6	167.0	179.4	190.9	201.6	211.5	220.9	229.8	237.1	242.7	247.5
-75°	129.1	139.5	150.3	160.4	169.0	176.7	183.9	191.1	197.0	201.8	205.6
-77.5°	105.7	114.5	122.7	130.5	136.7	142.8	148.4	153.5	158.1	161.7	164.3
-80°	83.0	89.4	96.1	102.4	107.2	111.3	114.9	117.9	121.3	124.8	127.8
-82.5°	61.8	66.4	70.8	75.1	78.4	81.3	83.7	86.1	88.6	90.8	92.8
-85°	40.7	43.3	46.0	48.6	51.2	53.4	55.4	57.0	58.3	59.5	60.4
-87.5°	20.3	21.6	22.9	24.0	25.2	26.4	27.5	28.5	29.2	29.7	30.2
-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: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	23.3	23.3	23.3	23.2	23.0	22.1	21.1	19.9	18.7	19.3	19.8
85°	68.5	68.7	68.5	67.8	66.7	66.6	66.4	66.0	65.4	66.4	67.2
82.5°	128.8	129.8	129.9	129.3	128.0	128.5	128.8	128.5	127.8	128.7	129.3
80°	201.3	203.2	203.3	201.9	199.2	199.6	199.8	199.2	197.9	198.2	198.1
77.5°	286.8	291.2	292.8	292.1	289.4	288.5	286.6	282.7	276.9	276.8	277.0
75°	395.8	400.4	402.7	402.5	399.9	398.1	395.7	391.2	384.8	384.5	384.6
72.5°	516.1	522.8	525.8	528.5	528.5	527.5	524.2	517.5	507.6	506.5	507.7
70°	649.0	660.2	667.3	672.7	677.1	678.0	675.9	670.4	661.8	659.5	658.8
67.5°	797.0	814.9	828.4	837.4	845.9	852.0	854.4	851.9	844.9	842.6	843.6
65°	962.9	990.5	1013.3	1030.4	1041.8	1049.9	1056.9	1061.1	1062.2	1064.6	1067.9
62.5°	1156.7	1190.6	1222.3	1243.9	1254.9	1262.8	1285.5	1298.6	1302.4	1303.2	1308.2
60°	1373.1	1415.9	1455.4	1487.2	1512.8	1532.3	1551.6	1564.4	1569.2	1570.1	1577.1
57.5°	1609.7	1663.5	1709.7	1758.9	1793.2	1813.1	1839.0	1865.6	1879.5	1883.5	1899.9
55°	1871.5	1944.8	2004.9	2057.4	2105.3	2147.5	2183.1	2210.5	2230.8	2243.1	2264.8
52.5°	2160.9	2247.1	2309.9	2371.7	2440.3	2488.7	2520.4	2571.2	2608.0	2628.3	2654.2
50°	2478.7	2574.8	2660.3	2725.1	2805.0	2871.0	2919.2	2967.4	3001.1	3020.4	3045.4
47.5°	2840.5	2958.9	3058.1	3118.1	3210.8	3288.7	3320.1	3356.4	3419.9	3450.4	3477.2
45°	3247.9	3398.9	3509.1	3603.0	3682.7	3770.0	3827.2	3868.6	3931.1	3962.5	3982.2
42.5°	3732.6	3900.5	4045.7	4158.4	4225.5	4338.8	4421.4	4444.6	4533.2	4593.3	4611.0
40°	4276.1	4462.3	4653.8	4782.3	4890.2	5005.3	5141.6	5217.6	5292.5	5351.4	5364.7
37.5°	4842.6	5091.7	5310.4	5476.3	5654.6	5824.4	5968.9	6047.7	6096.8	6209.5	6251.5
35°	5418.4	5675.5	5981.8	6239.7	6455.8	6665.4	6830.2	6960.1	7083.7	7185.1	7245.9
32.5°	5908.8	6185.5	6563.7	6949.7	7183.0	7410.0	7680.8	7829.4	7994.3	8128.0	8225.5
30°	6311.8	6574.9	6919.2	7403.5	7723.0	7953.1	8295.8	8501.2	8680.8	8907.3	8986.1
27.5°	6330.9	6742.1	7046.5	7463.6	7943.1	8176.6	8430.3	8803.6	8916.8	9239.8	9286.4
25°	6164.7	6596.4	6909.3	7257.5	7656.2	7940.2	8171.9	8482.2	8644.8	8852.5	9012.1
22.5°	5904.8	6285.3	6604.4	6899.7	7210.8	7469.4	7681.1	7899.4	8077.7	8238.9	8388.6
20°	5617.7	5978.9	6281.6	6535.5	6782.1	7021.8	7212.3	7395.5	7549.8	7688.1	7773.3
17.5°	5415.6	5675.4	5984.7	6244.8	6458.6	6646.8	6843.7	6997.1	7132.5	7257.0	7334.9
15°	5277.5	5524.6	5744.9	5983.5	6208.8	6388.2	6536.5	6694.8	6811.8	6918.9	7003.3
12.5°	5134.3	5388.9	5619.4	5818.1	5994.5	6190.4	6349.0	6473.4	6596.1	6680.3	6767.0
10°	5014.6	5252.9	5491.9	5701.8	5887.3	6048.8	6198.9	6338.5	6448.6	6543.0	6611.3
7.5°	4945.2	5178.8	5393.6	5595.0	5775.9	5947.9	6102.7	6230.8	6339.9	6437.6	6509.1
5°	4864.7	5095.9	5310.4	5516.1	5689.9	5855.2	6009.4	6141.1	6254.1	6341.1	6409.5
2.5°	4772.3	5000.4	5214.4	5423.5	5597.2	5756.6	5902.6	6031.0	6148.7	6231.6	6289.9
0°	4667.1	4895.6	5104.6	5301.7	5476.4	5648.0	5782.4	5912.3	6027.3	6109.4	6167.6
-2.5°	4561.0	4788.1	5004.4	5193.3	5366.7	5525.2	5668.2	5790.9	5900.7	5982.4	6033.5
-5°	4420.0	4645.7	4859.2	5049.5	5230.6	5389.7	5528.7	5653.5	5759.3	5848.4	5917.7
-7.5°	4249.3	4477.4	4690.7	4885.0	5065.2	5215.6	5349.1	5474.8	5587.8	5685.2	5770.5
-10°	4061.5	4287.2	4488.7	4670.6	4838.6	4991.5	5133.5	5257.7	5361.2	5456.6	5528.4
-12.5°	3842.8	4051.7	4248.9	4428.3	4592.5	4745.6	4880.6	4998.9	5103.1	5187.6	5252.3
-15°	3601.5	3799.8	3986.6	4169.9	4341.8	4492.6	4611.5	4736.1	4826.4	4908.4	4966.7
-17.5°	3343.4	3535.1	3731.5	3915.3	4074.0	4222.7	4353.5	4467.4	4562.1	4637.4	4703.1
-20°	3081.7	3277.0	3466.0	3641.2	3793.8	3931.7	4064.1	4173.5	4270.6	4352.4	4429.6



REPORT NUMBER: P558834 (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°	2818.9	2998.0	3175.4	3346.8	3491.2	3621.6	3737.5	3842.2	3927.9	4024.3	4092.4
-25°	2548.9	2705.9	2866.2	3017.5	3154.0	3282.2	3387.2	3479.0	3568.3	3661.5	3727.9
-27.5°	2277.7	2416.5	2546.6	2680.5	2800.1	2911.2	3008.7	3089.0	3175.7	3237.9	3310.9
-30°	2009.4	2135.4	2243.9	2337.1	2449.5	2544.8	2620.7	2700.5	2772.1	2831.5	2893.0
-32.5°	1782.3	1868.4	1955.1	2033.0	2107.8	2186.1	2247.2	2316.9	2366.0	2417.2	2466.9
-35°	1564.0	1630.3	1687.9	1760.8	1816.8	1859.5	1910.5	1961.6	1981.2	2036.9	2066.5
-37.5°	1366.3	1409.9	1463.6	1514.3	1556.0	1587.8	1633.2	1660.0	1674.1	1710.1	1729.4
-40°	1197.1	1224.6	1274.8	1309.4	1334.5	1357.6	1395.3	1412.7	1432.0	1449.9	1450.4
-42.5°	1048.3	1083.6	1117.6	1144.9	1160.7	1187.1	1204.9	1206.8	1231.7	1247.6	1250.1
-45°	926.5	962.5	989.4	1009.4	1025.2	1047.9	1059.4	1065.8	1086.1	1096.9	1101.6
-47.5°	833.0	858.1	881.5	896.9	917.6	934.4	942.8	953.5	969.1	979.0	986.1
-50°	750.8	770.7	788.4	802.6	823.2	838.2	846.2	859.3	871.0	878.1	883.7
-52.5°	678.5	696.3	708.6	722.3	739.4	752.6	762.9	775.9	785.6	791.9	796.8
-55°	610.8	627.5	639.5	654.5	666.7	675.6	684.3	697.0	706.6	713.0	717.2
-57.5°	551.1	563.6	575.4	589.0	600.6	610.3	618.1	625.1	631.4	636.7	640.8
-60°	495.2	505.4	516.2	526.8	535.6	542.5	550.9	557.3	561.3	563.8	567.2
-62.5°	441.4	450.6	460.1	468.7	475.7	481.5	488.3	493.5	497.3	499.9	501.9
-65°	390.2	398.1	406.2	413.4	419.4	424.5	429.3	433.0	435.6	437.8	439.5
-67.5°	342.4	348.6	354.3	359.2	363.8	368.1	372.3	375.1	376.7	378.5	380.3
-70°	296.3	301.2	305.0	307.9	310.6	314.0	318.0	320.8	322.4	324.2	325.9
-72.5°	251.6	255.3	258.4	260.8	262.3	264.5	267.2	269.5	271.2	272.6	273.2
-75°	208.6	211.6	214.4	216.3	217.4	218.9	220.3	221.1	221.2	221.8	222.2
-77.5°	166.6	169.5	172.1	173.9	175.0	176.3	177.3	177.9	178.0	178.0	177.7
-80°	130.0	132.1	133.7	135.0	135.9	136.8	137.3	137.4	137.1	137.4	137.5
-82.5°	94.5	96.3	97.8	98.9	99.7	100.5	101.3	101.8	102.1	102.2	102.0
-85°	61.2	62.0	62.8	63.5	64.2	64.6	64.8	64.8	64.7	64.7	64.6
-87.5°	30.6	30.2	29.8	29.2	28.5	28.7	28.8	28.9	28.9	29.2	29.4
-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: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	20.3	20.8	19.4	17.9	19.4	20.8	20.3	19.8	19.3	18.7	19.9
85°	67.9	68.3	67.1	65.7	67.1	68.3	67.9	67.2	66.4	65.4	66.0
82.5°	129.4	129.2	128.2	126.9	128.2	129.2	129.4	129.3	128.7	127.8	128.5
80°	197.4	196.1	195.4	194.1	195.4	196.1	197.4	198.1	198.2	197.9	199.2
77.5°	276.3	274.8	277.3	279.2	277.3	274.8	276.3	277.0	276.8	276.9	282.7
75°	383.1	380.1	377.3	373.3	377.3	380.1	383.1	384.6	384.5	384.8	391.2
72.5°	507.1	504.8	502.5	498.7	502.5	504.8	507.1	507.7	506.5	507.6	517.5
70°	654.9	648.0	649.1	649.5	649.1	648.0	654.9	658.8	659.5	661.8	670.4
67.5°	840.9	834.6	835.3	834.6	835.3	834.6	840.9	843.6	842.6	844.9	851.9
65°	1065.9	1058.8	1050.2	1037.6	1050.2	1058.8	1065.9	1067.9	1064.6	1062.2	1061.1
62.5°	1307.6	1301.4	1305.0	1307.9	1305.0	1301.4	1307.6	1308.2	1303.2	1302.4	1298.6
60°	1576.0	1567.2	1562.8	1555.7	1562.8	1567.2	1576.0	1577.1	1570.1	1569.2	1564.4
57.5°	1907.4	1905.8	1901.9	1891.6	1901.9	1905.8	1907.4	1899.9	1883.5	1879.5	1865.6
55°	2275.0	2272.9	2281.4	2291.8	2281.4	2272.9	2275.0	2264.8	2243.1	2230.8	2210.5
52.5°	2673.3	2680.0	2677.6	2663.5	2677.6	2680.0	2673.3	2654.2	2628.3	2608.0	2571.2
50°	3067.5	3075.0	3083.1	3090.5	3083.1	3075.0	3067.5	3045.4	3020.4	3001.1	2967.4
47.5°	3514.3	3534.2	3537.6	3523.5	3537.6	3534.2	3514.3	3477.2	3450.4	3419.9	3356.4
45°	4021.9	4033.9	4040.0	4052.0	4040.0	4033.9	4021.9	3982.2	3962.5	3931.1	3868.6
42.5°	4661.9	4675.8	4677.9	4691.0	4677.9	4675.8	4661.9	4611.0	4593.3	4533.2	4444.6
40°	5421.5	5444.0	5440.2	5434.5	5440.2	5444.0	5421.5	5364.7	5351.4	5292.5	5217.6
37.5°	6310.8	6349.0	6353.0	6376.6	6353.0	6349.0	6310.8	6251.5	6209.5	6096.8	6047.7
35°	7308.8	7353.8	7345.9	7357.5	7345.9	7353.8	7308.8	7245.9	7185.1	7083.7	6960.1
32.5°	8315.4	8383.0	8396.5	8453.4	8396.5	8383.0	8315.4	8225.5	8128.0	7994.3	7829.4
30°	9106.4	9201.0	9262.8	9258.1	9262.8	9201.0	9106.4	8986.1	8907.3	8680.8	8501.2
27.5°	9434.0	9556.6	9671.4	9706.0	9671.4	9556.6	9434.0	9286.4	9239.8	8916.8	8803.6
25°	9114.3	9203.9	9305.3	9359.7	9305.3	9203.9	9114.3	9012.1	8852.5	8644.8	8482.2
22.5°	8457.5	8515.7	8550.3	8522.1	8550.3	8515.7	8457.5	8388.6	8238.9	8077.7	7899.4
20°	7861.5	7935.2	7948.9	7978.6	7948.9	7935.2	7861.5	7773.3	7688.1	7549.8	7395.5
17.5°	7417.8	7466.2	7494.5	7500.9	7494.5	7466.2	7417.8	7334.9	7257.0	7132.5	6997.1
15°	7070.1	7108.9	7134.2	7145.5	7134.2	7108.9	7070.1	7003.3	6918.9	6811.8	6694.8
12.5°	6823.8	6871.0	6894.1	6908.1	6894.1	6871.0	6823.8	6767.0	6680.3	6596.1	6473.4
10°	6665.8	6711.4	6729.7	6736.5	6729.7	6711.4	6665.8	6611.3	6543.0	6448.6	6338.5
7.5°	6552.4	6581.6	6594.0	6603.6	6594.0	6581.6	6552.4	6509.1	6437.6	6339.9	6230.8
5°	6460.8	6484.1	6497.1	6511.0	6497.1	6484.1	6460.8	6409.5	6341.1	6254.1	6141.1
2.5°	6336.2	6369.5	6392.6	6406.5	6392.6	6369.5	6336.2	6289.9	6231.6	6148.7	6031.0
0°	6213.9	6245.3	6261.7	6288.6	6261.7	6245.3	6213.9	6167.6	6109.4	6027.3	5912.3
-2.5°	6079.4	6115.7	6158.8	6200.5	6158.8	6115.7	6079.4	6033.5	5982.4	5900.7	5790.9
-5°	5976.4	6024.5	6033.4	6060.1	6033.4	6024.5	5976.4	5917.7	5848.4	5759.3	5653.5
-7.5°	5821.2	5843.2	5880.3	5886.9	5880.3	5843.2	5821.2	5770.5	5685.2	5587.8	5474.8
-10°	5582.1	5617.6	5640.8	5664.5	5640.8	5617.6	5582.1	5528.4	5456.6	5361.2	5257.7
-12.5°	5301.0	5342.8	5380.1	5374.8	5380.1	5342.8	5301.0	5252.3	5187.6	5103.1	4998.9
-15°	5027.1	5067.5	5093.1	5089.7	5093.1	5067.5	5027.1	4966.7	4908.4	4826.4	4736.1
-17.5°	4755.3	4792.2	4829.3	4828.4	4829.3	4792.2	4755.3	4703.1	4637.4	4562.1	4467.4
-20°	4474.7	4506.3	4545.9	4562.6	4545.9	4506.3	4474.7	4429.6	4352.4	4270.6	4173.5



REPORT NUMBER: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	4150.2	4190.5	4219.4	4237.2	4219.4	4190.5	4150.2	4092.4	4024.3	3927.9	3842.2
-25°	3771.9	3813.3	3835.3	3843.0	3835.3	3813.3	3771.9	3727.9	3661.5	3568.3	3479.0
-27.5°	3353.9	3400.4	3423.0	3411.5	3423.0	3400.4	3353.9	3310.9	3237.9	3175.7	3089.0
-30°	2925.4	2955.2	2958.7	2984.5	2958.7	2955.2	2925.4	2893.0	2831.5	2772.1	2700.5
-32.5°	2502.5	2522.5	2511.2	2512.7	2511.2	2522.5	2502.5	2466.9	2417.2	2366.0	2316.9
-35°	2085.0	2100.9	2104.1	2133.5	2104.1	2100.9	2085.0	2066.5	2036.9	1981.2	1961.6
-37.5°	1749.3	1755.8	1746.0	1731.9	1746.0	1755.8	1749.3	1729.4	1710.1	1674.1	1660.0
-40°	1464.6	1469.6	1466.0	1458.7	1466.0	1469.6	1464.6	1450.4	1449.9	1432.0	1412.7
-42.5°	1259.8	1259.9	1256.5	1255.6	1256.5	1259.9	1259.8	1250.1	1247.6	1231.7	1206.8
-45°	1108.5	1110.1	1109.9	1109.3	1109.9	1110.1	1108.5	1101.6	1096.9	1086.1	1065.8
-47.5°	991.1	991.4	989.9	986.9	989.9	991.4	991.1	986.1	979.0	969.1	953.5
-50°	887.2	887.2	889.2	892.8	889.2	887.2	887.2	883.7	878.1	871.0	859.3
-52.5°	799.4	799.2	800.3	801.7	800.3	799.2	799.4	796.8	791.9	785.6	775.9
-55°	719.1	718.7	717.6	715.2	717.6	718.7	719.1	717.2	713.0	706.6	697.0
-57.5°	642.3	641.4	639.5	636.0	639.5	641.4	642.3	640.8	636.7	631.4	625.1
-60°	569.1	569.4	568.5	565.9	568.5	569.4	569.1	567.2	563.8	561.3	557.3
-62.5°	502.3	501.3	501.1	500.2	501.1	501.3	502.3	501.9	499.9	497.3	493.5
-65°	439.8	438.8	439.1	438.9	439.1	438.8	439.8	439.5	437.8	435.6	433.0
-67.5°	381.0	380.7	381.0	380.7	381.0	380.7	381.0	380.3	378.5	376.7	375.1
-70°	326.8	327.0	325.3	322.5	325.3	327.0	326.8	325.9	324.2	322.4	320.8
-72.5°	273.0	272.1	272.1	271.7	272.1	272.1	273.0	273.2	272.6	271.2	269.5
-75°	222.1	221.5	223.0	224.0	223.0	221.5	222.1	222.2	221.8	221.2	221.1
-77.5°	176.8	175.6	176.7	177.7	176.7	175.6	176.8	177.7	178.0	178.0	177.9
-80°	137.3	136.9	136.5	135.9	136.5	136.9	137.3	137.5	137.4	137.1	137.4
-82.5°	101.7	101.1	100.7	100.0	100.7	101.1	101.7	102.0	102.2	102.1	101.8
-85°	64.4	63.9	64.9	65.7	64.9	63.9	64.4	64.6	64.7	64.7	64.8
-87.5°	29.6	29.8	29.1	28.4	29.1	29.8	29.6	29.4	29.2	28.9	28.9
-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: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	21.1	22.1	23.0	23.2	23.3	23.3	23.3	23.1	22.9	22.6	22.2
85°	66.4	66.6	66.7	67.8	68.5	68.7	68.5	67.3	65.7	63.6	61.1
82.5°	128.8	128.5	128.0	129.3	129.9	129.8	128.8	126.3	123.0	118.9	114.1
80°	199.8	199.6	199.2	201.9	203.3	203.2	201.3	196.8	190.8	184.6	178.5
77.5°	286.6	288.5	289.4	292.1	292.8	291.2	286.8	279.8	273.8	265.9	255.4
75°	395.7	398.1	399.9	402.5	402.7	400.4	395.8	387.4	376.3	362.4	343.8
72.5°	524.2	527.5	528.5	528.5	525.8	522.8	516.1	504.9	490.3	472.3	447.7
70°	675.9	678.0	677.1	672.7	667.3	660.2	649.0	633.2	613.0	591.7	561.7
67.5°	854.4	852.0	845.9	837.4	828.4	814.9	797.0	774.2	750.9	724.3	683.8
65°	1056.9	1049.9	1041.8	1030.4	1013.3	990.5	962.9	934.1	903.6	866.4	815.3
62.5°	1285.5	1262.8	1254.9	1243.9	1222.3	1190.6	1156.7	1120.1	1074.6	1021.4	970.0
60°	1551.6	1532.3	1512.8	1487.2	1455.4	1415.9	1373.1	1323.5	1267.5	1208.2	1139.4
57.5°	1839.0	1813.1	1793.2	1758.9	1709.7	1663.5	1609.7	1541.4	1474.2	1405.6	1323.4
55°	2183.1	2147.5	2105.3	2057.4	2004.9	1944.8	1871.5	1791.8	1709.5	1615.0	1527.4
52.5°	2520.4	2488.7	2440.3	2371.7	2309.9	2247.1	2160.9	2067.5	1974.5	1876.5	1753.6
50°	2919.2	2871.0	2805.0	2725.1	2660.3	2574.8	2478.7	2365.4	2268.6	2156.5	2021.0
47.5°	3320.1	3288.7	3210.8	3118.1	3058.1	2958.9	2840.5	2713.7	2606.8	2454.3	2306.6
45°	3827.2	3770.0	3682.7	3603.0	3509.1	3398.9	3247.9	3126.7	2983.8	2817.3	2603.3
42.5°	4421.4	4338.8	4225.5	4158.4	4045.7	3900.5	3732.6	3579.9	3401.7	3207.0	2961.1
40°	5141.6	5005.3	4890.2	4782.3	4653.8	4462.3	4276.1	4072.9	3859.9	3620.3	3300.3
37.5°	5968.9	5824.4	5654.6	5476.3	5310.4	5091.7	4842.6	4603.2	4347.1	3986.9	3622.0
35°	6830.2	6665.4	6455.8	6239.7	5981.8	5675.5	5418.4	5136.1	4786.5	4318.9	3919.7
32.5°	7680.8	7410.0	7183.0	6949.7	6563.7	6185.5	5908.8	5658.0	5064.2	4581.7	4181.1
30°	8295.8	7953.1	7723.0	7403.5	6919.2	6574.9	6311.8	5791.1	5238.5	4765.0	4384.8
27.5°	8430.3	8176.6	7943.1	7463.6	7046.5	6742.1	6330.9	5800.1	5297.6	4852.0	4484.0
25°	8171.9	7940.2	7656.2	7257.5	6909.3	6596.4	6164.7	5684.0	5233.0	4840.2	4427.1
22.5°	7681.1	7469.4	7210.8	6899.7	6604.4	6285.3	5904.8	5488.1	5100.2	4732.5	4332.6
20°	7212.3	7021.8	6782.1	6535.5	6281.6	5978.9	5617.7	5277.1	4961.4	4605.3	4219.0
17.5°	6843.7	6646.8	6458.6	6244.8	5984.7	5675.4	5415.6	5134.9	4823.0	4469.2	4089.5
15°	6536.5	6388.2	6208.8	5983.5	5744.9	5524.6	5277.5	4990.5	4679.8	4322.1	3968.5
12.5°	6349.0	6190.4	5994.5	5818.1	5619.4	5388.9	5134.3	4841.5	4544.4	4244.9	3927.8
10°	6198.9	6048.8	5887.3	5701.8	5491.9	5252.9	5014.6	4760.2	4483.5	4189.5	3875.7
7.5°	6102.7	5947.9	5775.9	5595.0	5393.6	5178.8	4945.2	4692.0	4412.6	4119.2	3811.5
5°	6009.4	5855.2	5689.9	5516.1	5310.4	5095.9	4864.7	4610.8	4330.3	4034.2	3734.7
2.5°	5902.6	5756.6	5597.2	5423.5	5214.4	5000.4	4772.3	4515.3	4238.9	3954.4	3647.3
0°	5782.4	5648.0	5476.4	5301.7	5104.6	4895.6	4667.1	4404.4	4134.1	3865.4	3545.9
-2.5°	5668.2	5525.2	5366.7	5193.3	5004.4	4788.1	4561.0	4306.9	4030.9	3759.2	3446.8
-5°	5528.7	5389.7	5230.6	5049.5	4859.2	4645.7	4420.0	4174.4	3903.0	3634.3	3335.9
-7.5°	5349.1	5215.6	5065.2	4885.0	4690.7	4477.4	4249.3	4003.9	3739.5	3473.7	3183.6
-10°	5133.5	4991.5	4838.6	4670.6	4488.7	4287.2	4061.5	3816.5	3562.1	3297.4	3018.5
-12.5°	4880.6	4745.6	4592.5	4428.3	4248.9	4051.7	3842.8	3609.1	3371.2	3105.3	2840.7
-15°	4611.5	4492.6	4341.8	4169.9	3986.6	3799.8	3601.5	3378.7	3158.9	2898.8	2650.4
-17.5°	4353.5	4222.7	4074.0	3915.3	3731.5	3535.1	3343.4	3139.0	2926.5	2689.6	2462.3
-20°	4064.1	3931.7	3793.8	3641.2	3466.0	3277.0	3081.7	2886.7	2687.2	2480.9	2274.3



REPORT NUMBER: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3737.5	3621.6	3491.2	3346.8	3175.4	2998.0	2818.9	2634.8	2446.1	2268.4	2083.1
-25°	3387.2	3282.2	3154.0	3017.5	2866.2	2705.9	2548.9	2385.5	2222.9	2056.4	1892.1
-27.5°	3008.7	2911.2	2800.1	2680.5	2546.6	2416.5	2277.7	2136.8	2005.5	1858.7	1715.2
-30°	2620.7	2544.8	2449.5	2337.1	2243.9	2135.4	2009.4	1909.1	1795.5	1669.7	1552.8
-32.5°	2247.2	2186.1	2107.8	2033.0	1955.1	1868.4	1782.3	1689.3	1590.1	1500.4	1404.8
-35°	1910.5	1859.5	1816.8	1760.8	1687.9	1630.3	1564.0	1487.7	1411.8	1339.8	1263.1
-37.5°	1633.2	1587.8	1556.0	1514.3	1463.6	1409.9	1366.3	1313.9	1251.7	1194.2	1132.0
-40°	1395.3	1357.6	1334.5	1309.4	1274.8	1224.6	1197.1	1158.0	1115.2	1060.0	1009.9
-42.5°	1204.9	1187.1	1160.7	1144.9	1117.6	1083.6	1048.3	1025.8	991.5	948.4	907.5
-45°	1059.4	1047.9	1025.2	1009.4	989.4	962.5	926.5	909.7	883.8	853.8	815.1
-47.5°	942.8	934.4	917.6	896.9	881.5	858.1	833.0	809.2	794.1	768.4	736.6
-50°	846.2	838.2	823.2	802.6	788.4	770.7	750.8	727.2	712.8	691.0	664.5
-52.5°	762.9	752.6	739.4	722.3	708.6	696.3	678.5	656.7	637.8	622.9	603.5
-55°	684.3	675.6	666.7	654.5	639.5	627.5	610.8	592.0	576.4	563.5	546.9
-57.5°	618.1	610.3	600.6	589.0	575.4	563.6	551.1	536.5	520.4	508.3	492.9
-60°	550.9	542.5	535.6	526.8	516.2	505.4	495.2	482.7	467.9	455.9	442.5
-62.5°	488.3	481.5	475.7	468.7	460.1	450.6	441.4	430.9	418.7	406.2	395.0
-65°	429.3	424.5	419.4	413.4	406.2	398.1	390.2	381.4	371.6	360.6	350.0
-67.5°	372.3	368.1	363.8	359.2	354.3	348.6	342.4	334.9	326.6	317.6	308.8
-70°	318.0	314.0	310.6	307.9	305.0	301.2	296.3	290.4	283.7	276.6	268.7
-72.5°	267.2	264.5	262.3	260.8	258.4	255.3	251.6	247.5	242.7	237.1	229.8
-75°	220.3	218.9	217.4	216.3	214.4	211.6	208.6	205.6	201.8	197.0	191.1
-77.5°	177.3	176.3	175.0	173.9	172.1	169.5	166.6	164.3	161.7	158.1	153.5
-80°	137.3	136.8	135.9	135.0	133.7	132.1	130.0	127.8	124.8	121.3	117.9
-82.5°	101.3	100.5	99.7	98.9	97.8	96.3	94.5	92.8	90.8	88.6	86.1
-85°	64.8	64.6	64.2	63.5	62.8	62.0	61.2	60.4	59.5	58.3	57.0
-87.5°	28.8	28.7	28.5	29.2	29.8	30.2	30.6	30.2	29.7	29.2	28.5
-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: P558834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	21.7	21.1	20.4	19.7	19.2	18.7	17.9	17.0	15.6	14.0	12.5
85°	57.9	54.4	50.4	45.9	41.7	37.3	35.8	34.0	31.1	28.1	24.9
82.5°	108.1	102.8	97.4	91.3	84.6	77.5	70.0	62.0	52.3	42.9	37.3
80°	170.6	161.8	152.2	141.7	130.1	117.7	107.4	96.3	82.4	69.1	56.3
77.5°	241.8	226.9	210.9	197.2	183.0	167.6	151.0	132.3	112.3	95.1	78.5
75°	321.0	302.3	283.1	262.2	239.9	217.5	197.9	175.0	147.9	121.4	100.4
72.5°	419.7	390.7	360.9	330.2	303.6	276.1	247.9	217.0	185.1	153.9	123.6
70°	525.3	485.4	448.0	411.0	372.7	334.7	301.9	263.7	221.8	185.9	151.1
67.5°	637.7	594.2	546.6	494.3	448.1	403.2	357.2	310.9	263.9	217.4	178.1
65°	765.5	710.4	650.8	593.5	532.3	472.3	420.8	359.7	305.2	253.8	204.4
62.5°	905.8	833.9	769.2	697.0	625.4	554.7	482.3	413.5	346.9	289.3	233.7
60°	1064.9	986.0	895.2	814.4	728.0	641.3	555.3	465.5	392.9	323.9	263.8
57.5°	1239.8	1147.1	1049.9	943.1	841.8	739.2	628.1	525.0	437.2	361.5	292.7
55°	1422.8	1318.6	1208.8	1091.3	966.1	847.7	704.7	585.8	482.0	398.7	319.5
52.5°	1627.6	1503.0	1376.4	1243.9	1106.0	953.0	789.7	643.1	532.2	434.3	348.1
50°	1863.6	1707.9	1557.5	1405.3	1247.9	1063.9	869.2	711.7	579.3	470.1	375.2
47.5°	2132.8	1943.7	1757.4	1574.7	1400.7	1166.8	956.7	777.1	623.1	508.4	400.4
45°	2411.5	2203.2	1977.6	1766.2	1524.8	1271.0	1041.9	837.4	676.2	541.7	423.7
42.5°	2691.3	2465.9	2223.7	1959.5	1652.2	1369.8	1119.7	905.1	725.1	572.2	448.2
40°	3002.1	2727.8	2469.2	2139.0	1768.0	1459.6	1199.8	968.6	769.1	603.1	472.6
37.5°	3298.5	2995.2	2710.9	2276.0	1874.0	1551.5	1273.0	1025.5	809.3	636.4	494.8
35°	3575.1	3254.3	2832.7	2387.4	1979.1	1629.2	1337.8	1079.1	852.1	665.8	514.7
32.5°	3827.5	3420.4	2926.1	2474.3	2062.5	1692.7	1396.6	1126.8	888.7	691.2	532.4
30°	3999.5	3482.5	2990.2	2537.2	2124.7	1754.3	1444.4	1166.3	919.1	712.5	548.8
27.5°	4008.6	3511.4	3024.5	2576.4	2167.4	1799.4	1480.8	1197.8	943.4	732.4	565.8
25°	3977.1	3498.7	3029.6	2590.9	2190.1	1836.3	1508.6	1221.4	965.7	751.8	579.6
22.5°	3903.6	3453.6	3006.7	2581.1	2215.0	1861.8	1531.7	1241.6	983.7	766.3	590.4
20°	3810.8	3380.4	2968.4	2590.7	2227.5	1878.1	1549.1	1254.6	995.4	776.2	598.2
17.5°	3697.1	3322.3	2961.9	2588.9	2227.5	1882.9	1556.9	1260.6	1000.9	781.6	603.1
15°	3644.8	3299.6	2942.5	2575.1	2215.3	1876.6	1555.5	1259.8	1000.6	782.7	606.5
12.5°	3602.7	3263.8	2911.0	2549.3	2191.2	1859.7	1545.1	1252.4	994.6	782.7	609.1
10°	3549.6	3214.9	2867.3	2511.7	2155.7	1832.5	1526.4	1241.0	991.6	781.4	609.2
7.5°	3484.7	3153.2	2811.7	2462.4	2113.1	1802.2	1507.1	1228.3	985.3	776.8	607.1
5°	3409.6	3085.1	2751.9	2415.3	2080.6	1770.0	1481.7	1209.4	974.8	769.1	602.8
2.5°	3328.2	3014.6	2685.0	2358.1	2039.7	1730.0	1449.5	1185.0	960.4	758.4	596.5
0°	3233.9	2932.3	2606.8	2290.3	1990.2	1682.6	1410.9	1155.6	942.1	745.0	588.2
-2.5°	3151.0	2841.8	2522.6	2216.7	1918.1	1625.9	1368.9	1126.0	921.8	731.8	579.6
-5°	3054.6	2739.6	2428.5	2133.6	1838.4	1563.3	1321.7	1092.5	898.3	716.3	569.2
-7.5°	2913.0	2614.7	2321.2	2040.3	1752.2	1495.7	1270.2	1055.7	871.8	698.7	557.3
-10°	2753.5	2473.3	2199.7	1934.9	1668.5	1429.0	1215.9	1016.0	842.8	679.1	544.0
-12.5°	2584.9	2324.3	2071.5	1824.4	1582.1	1363.2	1163.8	977.0	811.9	657.8	529.3
-15°	2408.3	2169.0	1937.7	1710.1	1493.0	1294.1	1109.2	937.2	781.4	635.9	513.4
-17.5°	2228.6	2008.6	1799.1	1593.3	1402.0	1222.3	1052.8	895.4	749.3	614.1	497.6
-20°	2064.6	1858.8	1657.9	1475.0	1310.2	1148.4	995.0	851.9	715.7	591.0	481.4



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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°	1901.1	1720.4	1539.1	1365.2	1220.1	1072.9	936.4	807.1	681.0	566.9	464.2
-25°	1738.2	1583.0	1423.1	1273.9	1132.9	1002.8	879.8	761.1	645.4	542.0	446.0
-27.5°	1584.8	1449.0	1306.7	1182.4	1056.6	933.8	825.3	717.5	611.0	516.4	426.7
-30°	1438.4	1321.0	1202.2	1092.8	981.2	873.7	770.6	674.1	579.5	491.6	406.6
-32.5°	1303.2	1194.7	1102.5	1009.7	911.8	814.0	719.9	630.8	547.9	467.0	387.8
-35°	1177.5	1086.7	1005.8	929.2	844.9	759.8	673.6	588.0	516.3	441.6	369.3
-37.5°	1057.9	991.1	921.7	853.7	778.3	706.7	629.9	552.6	484.9	415.5	350.4
-40°	959.5	902.5	844.5	782.2	719.2	654.7	586.1	519.1	454.3	388.9	331.2
-42.5°	865.7	821.4	771.5	712.8	664.4	606.7	542.9	485.0	424.6	364.9	311.7
-45°	782.3	744.7	702.2	658.1	611.8	559.1	504.8	450.6	395.0	342.3	292.8
-47.5°	703.7	675.7	641.2	604.3	561.6	513.5	466.4	417.9	365.4	319.8	274.7
-50°	637.4	613.4	585.6	552.2	512.4	471.6	428.6	385.2	340.4	297.5	256.3
-52.5°	580.0	556.9	532.1	501.3	467.4	429.6	393.7	353.2	315.0	276.0	237.6
-55°	526.0	503.5	480.7	454.4	423.9	392.4	359.3	324.7	289.2	254.5	218.8
-57.5°	475.0	453.1	433.5	409.9	384.3	356.8	327.0	296.0	264.5	232.7	202.1
-60°	426.0	408.1	388.8	369.4	347.2	322.2	295.4	267.6	240.0	211.3	185.2
-62.5°	381.0	364.9	348.9	331.2	310.8	288.3	264.1	240.5	215.2	191.9	168.0
-65°	338.7	325.4	310.1	293.5	274.9	255.1	234.8	213.2	192.8	172.3	150.7
-67.5°	298.3	286.0	271.2	255.8	241.1	224.5	205.6	188.3	170.9	152.5	133.7
-70°	258.9	246.9	234.6	222.9	209.6	194.5	179.4	164.2	148.8	133.5	116.5
-72.5°	220.9	211.5	201.6	190.9	179.4	167.0	153.6	140.5	128.2	114.5	99.3
-75°	183.9	176.7	169.0	160.4	150.3	139.5	129.1	118.5	107.6	95.4	84.0
-77.5°	148.4	142.8	136.7	130.5	122.7	114.5	105.7	96.6	87.7	78.8	69.4
-80°	114.9	111.3	107.2	102.4	96.1	89.4	83.0	76.5	69.7	62.4	54.6
-82.5°	83.7	81.3	78.4	75.1	70.8	66.4	61.8	57.1	51.7	45.9	40.3
-85°	55.4	53.4	51.2	48.6	46.0	43.3	40.7	37.8	34.3	30.6	26.9
-87.5°	27.5	26.4	25.2	24.0	22.9	21.6	20.3	18.9	17.1	15.3	13.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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°	10.8	9.1	7.4	5.6	3.8	1.9	0.0
85°	21.6	18.2	14.8	11.2	7.5	3.7	0.0
82.5°	32.4	27.3	22.1	16.8	11.3	5.6	0.0
80°	44.0	36.4	29.4	22.3	15.0	7.4	0.0
77.5°	62.6	47.4	36.7	27.8	18.7	9.2	0.0
75°	80.9	62.2	44.7	33.3	22.4	11.0	0.0
72.5°	98.8	76.7	55.9	38.7	26.0	12.8	0.0
70°	117.2	91.0	67.0	44.5	29.5	14.5	0.0
67.5°	139.6	105.0	77.9	52.4	33.0	16.3	0.0
65°	161.3	120.5	88.5	60.1	36.4	17.9	0.0
62.5°	182.4	137.4	98.8	67.7	39.8	19.6	0.0
60°	202.6	153.7	108.8	75.0	43.1	21.2	0.0
57.5°	225.6	169.4	120.8	82.1	47.7	22.8	0.0
55°	247.8	184.4	132.5	89.0	52.2	24.3	0.0
52.5°	268.9	199.1	143.6	95.6	56.5	25.8	0.0
50°	288.8	215.3	154.2	101.9	60.7	27.2	0.0
47.5°	307.7	230.5	164.3	108.3	64.7	28.6	0.0
45°	327.4	244.6	173.7	115.4	68.6	29.9	0.0
42.5°	345.6	257.7	182.6	122.0	72.3	31.2	0.0
40°	362.2	269.8	191.6	128.3	75.8	32.4	0.0
37.5°	377.2	280.8	200.6	134.3	79.1	33.5	0.0
35°	390.5	291.7	208.7	140.0	82.2	34.6	0.0
32.5°	403.4	302.0	216.2	145.2	85.2	35.6	0.0
30°	417.1	311.0	222.8	150.0	87.9	36.5	0.0
27.5°	429.0	318.7	229.0	154.4	90.4	37.4	0.0
25°	439.1	325.3	234.6	158.4	92.7	38.2	0.0
22.5°	447.3	331.0	239.3	161.9	94.7	38.9	0.0
20°	453.6	336.6	243.3	165.1	96.6	39.5	0.0
17.5°	459.4	341.3	246.5	167.8	98.2	40.1	0.0
15°	464.0	345.0	249.0	170.0	99.6	40.6	0.0
12.5°	466.8	347.6	250.7	171.9	100.7	41.0	0.0
10°	468.0	349.3	251.8	173.3	101.7	41.3	0.0
7.5°	467.5	350.1	252.1	174.3	102.3	41.5	0.0
5°	465.4	349.8	251.8	174.8	102.8	41.7	0.0
2.5°	461.8	348.6	250.9	175.0	103.0	41.8	0.0
0°	456.9	346.4	249.3	174.7	103.0	41.8	0.0
-2.5°	451.7	343.1	248.1	173.9	102.8	41.9	0.0
-5°	445.2	339.0	246.3	172.7	102.3	41.8	0.0
-7.5°	437.5	334.0	244.0	171.1	101.6	41.7	0.0
-10°	428.7	328.2	241.1	169.1	100.7	41.5	0.0
-12.5°	418.9	321.7	237.7	166.8	99.5	41.3	0.0
-15°	408.0	314.6	233.7	164.1	98.2	40.9	0.0
-17.5°	396.2	306.9	229.2	161.0	96.6	40.5	0.0
-20°	384.0	298.6	224.2	157.6	94.9	40.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	371.7	289.9	218.7	153.8	93.0	39.4	0.0
-25°	358.8	281.2	212.7	149.8	90.8	38.7	0.0
-27.5°	345.1	272.0	206.2	145.4	88.5	38.0	0.0
-30°	330.8	262.3	199.3	140.8	86.1	37.2	0.0
-32.5°	316.0	252.1	192.2	135.9	83.4	36.3	0.0
-35°	302.2	241.3	184.6	130.7	80.7	35.3	0.0
-37.5°	288.5	230.5	176.8	125.2	77.7	34.2	0.0
-40°	274.3	220.1	168.5	119.6	74.6	33.1	0.0
-42.5°	259.7	209.3	160.4	113.7	71.4	31.9	0.0
-45°	244.6	198.2	152.2	107.6	68.1	30.7	0.0
-47.5°	229.1	186.8	143.8	101.3	64.6	29.4	0.0
-50°	214.9	175.2	135.2	95.7	61.0	28.0	0.0
-52.5°	200.7	163.2	126.2	90.1	57.3	26.5	0.0
-55°	186.3	151.7	117.0	84.4	53.5	25.0	0.0
-57.5°	171.7	140.0	107.5	78.5	49.6	23.5	0.0
-60°	156.9	128.0	98.0	72.5	45.7	21.9	0.0
-62.5°	142.5	115.8	89.9	66.4	42.2	20.2	0.0
-65°	127.8	103.4	81.6	60.1	38.7	18.5	0.0
-67.5°	113.0	92.0	73.2	53.7	35.1	16.8	0.0
-70°	97.9	81.4	64.6	47.2	31.5	15.0	0.0
-72.5°	85.0	70.7	56.0	41.4	27.7	13.2	0.0
-75°	72.2	59.9	47.2	35.6	23.9	11.4	0.0
-77.5°	59.3	49.0	39.3	29.8	20.0	9.5	0.0
-80°	46.4	38.9	31.5	23.9	16.0	7.6	0.0
-82.5°	34.7	29.3	23.7	17.9	12.1	5.7	0.0
-85°	23.2	19.5	15.8	12.0	8.1	3.8	0.0
-87.5°	11.6	9.8	7.9	6.0	4.0	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)