

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: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-930-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558762 (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-SA3B-930-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

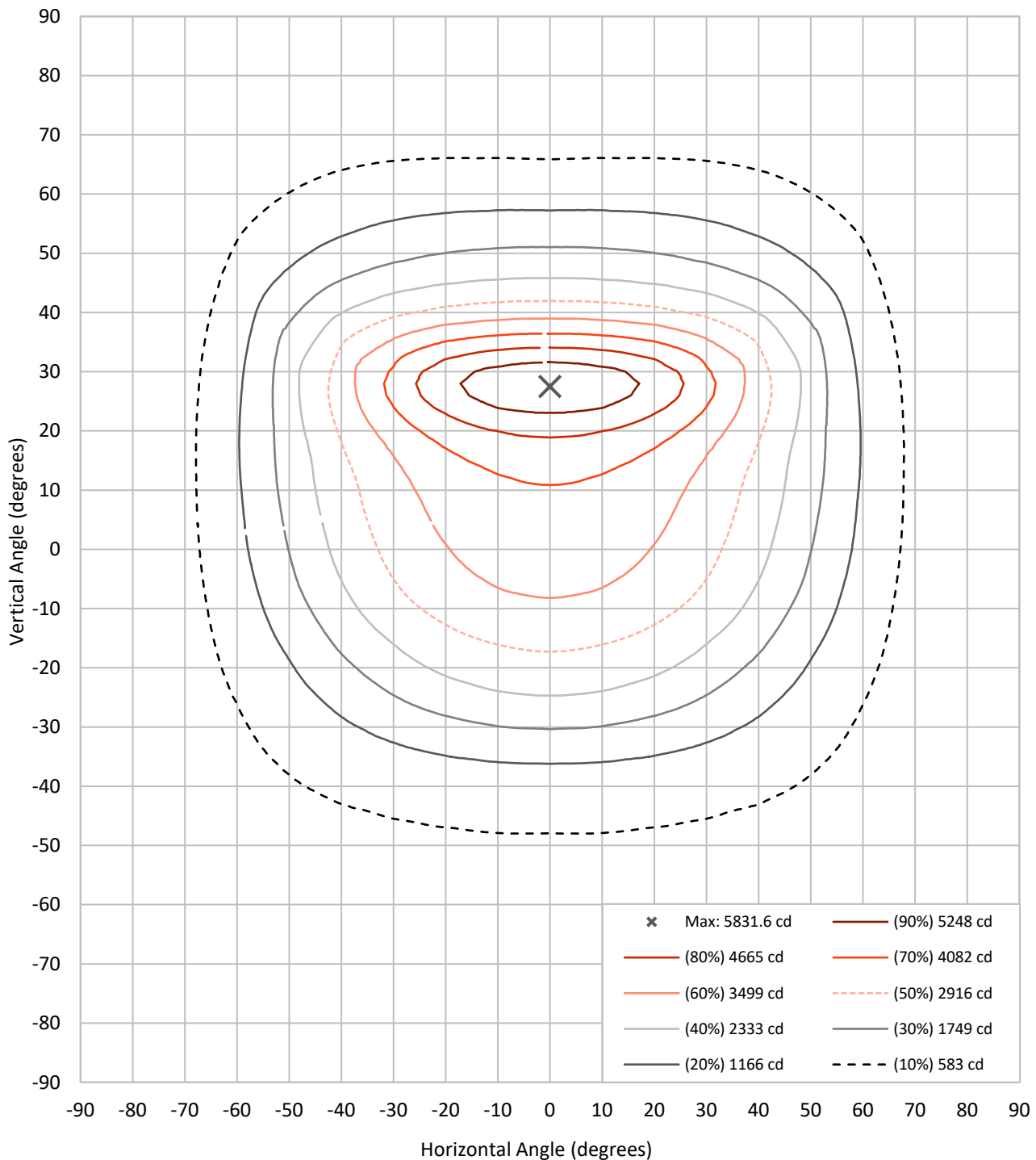
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8501.4 lumens	Max Intensity:	5831.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	93.4 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:	4409.3 lumens	Field Lumens:	7864.6 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	91		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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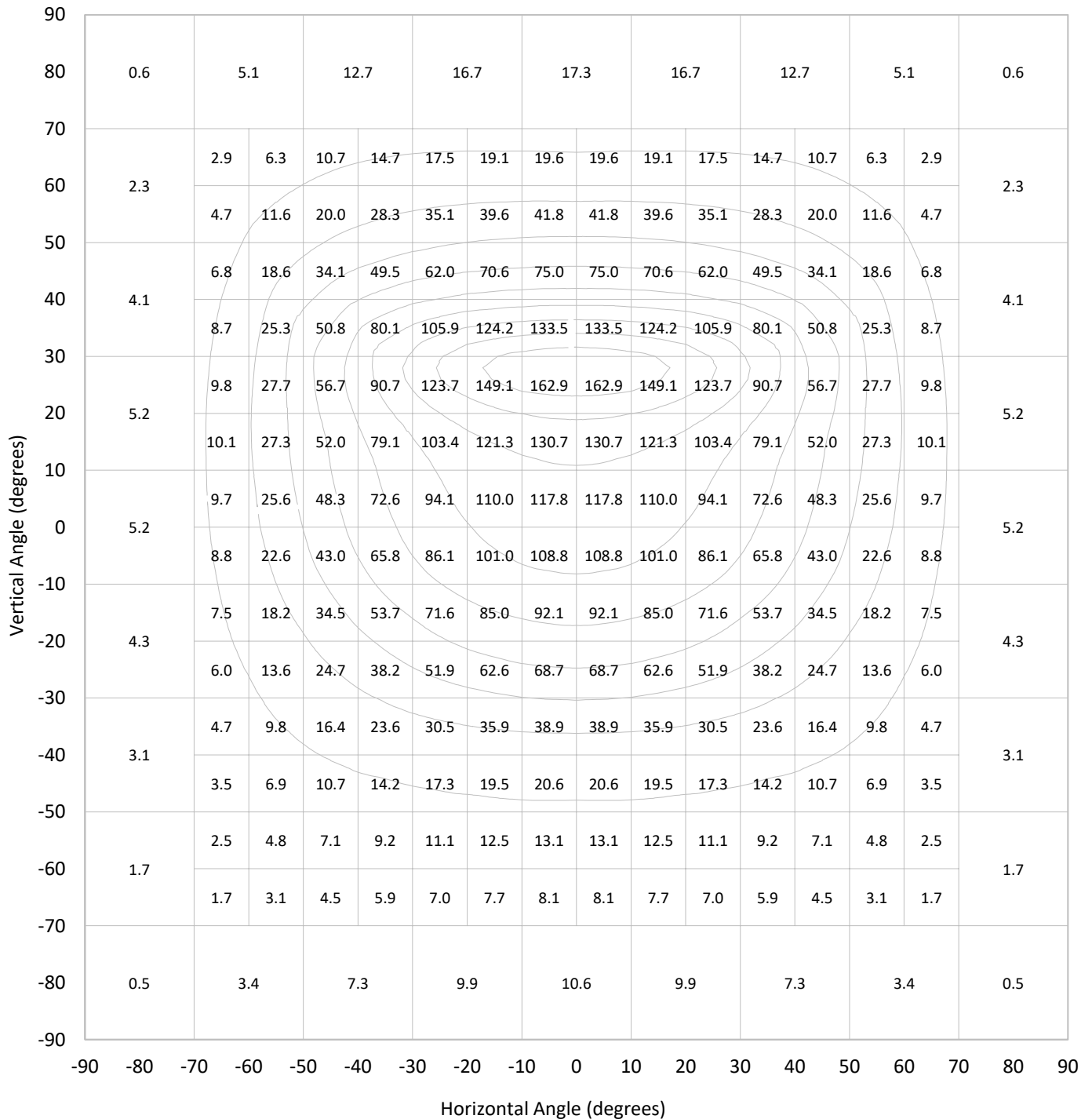
### Iso-Candela Plot





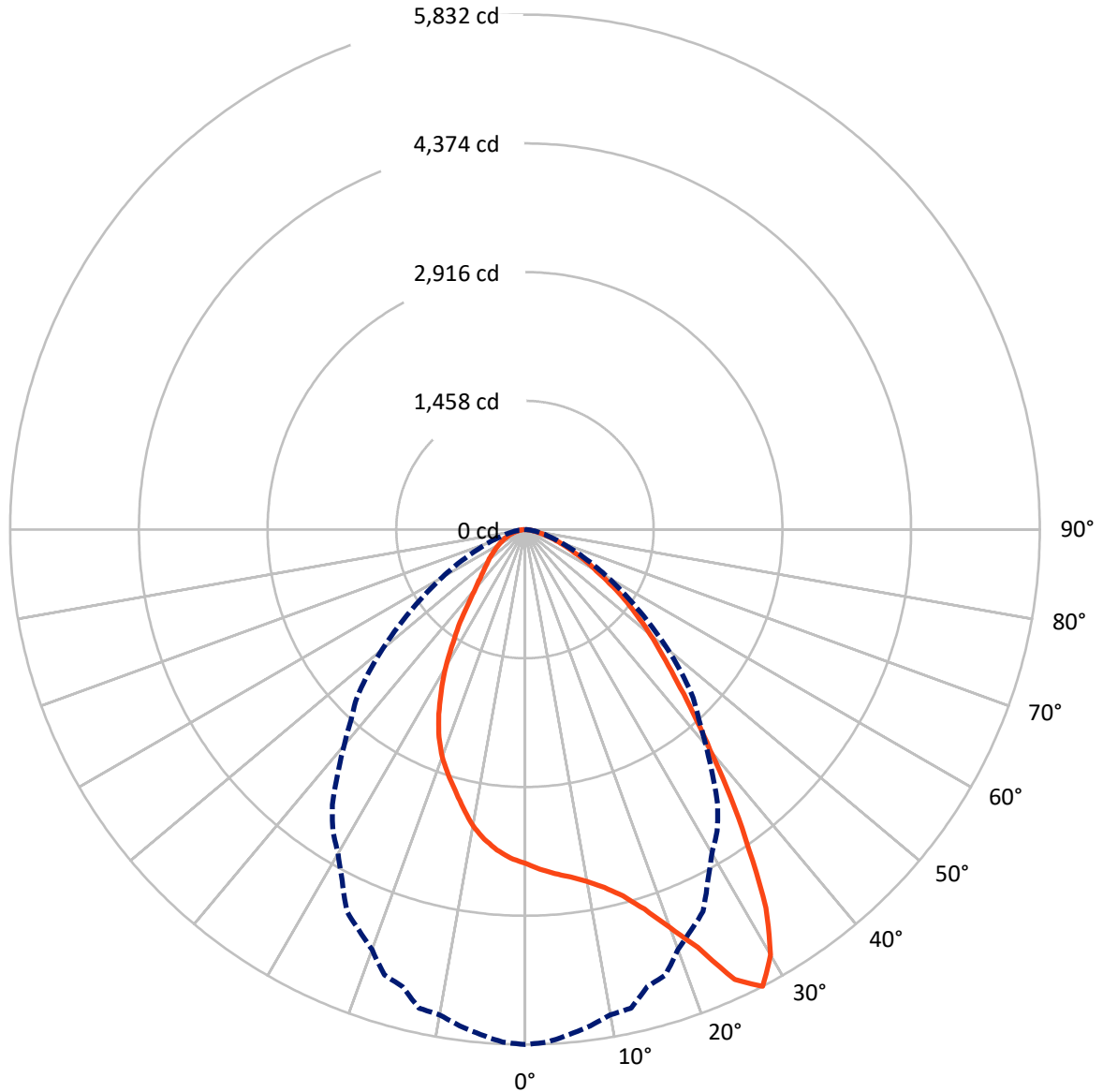
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### Lumen Table



REPORT NUMBER: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
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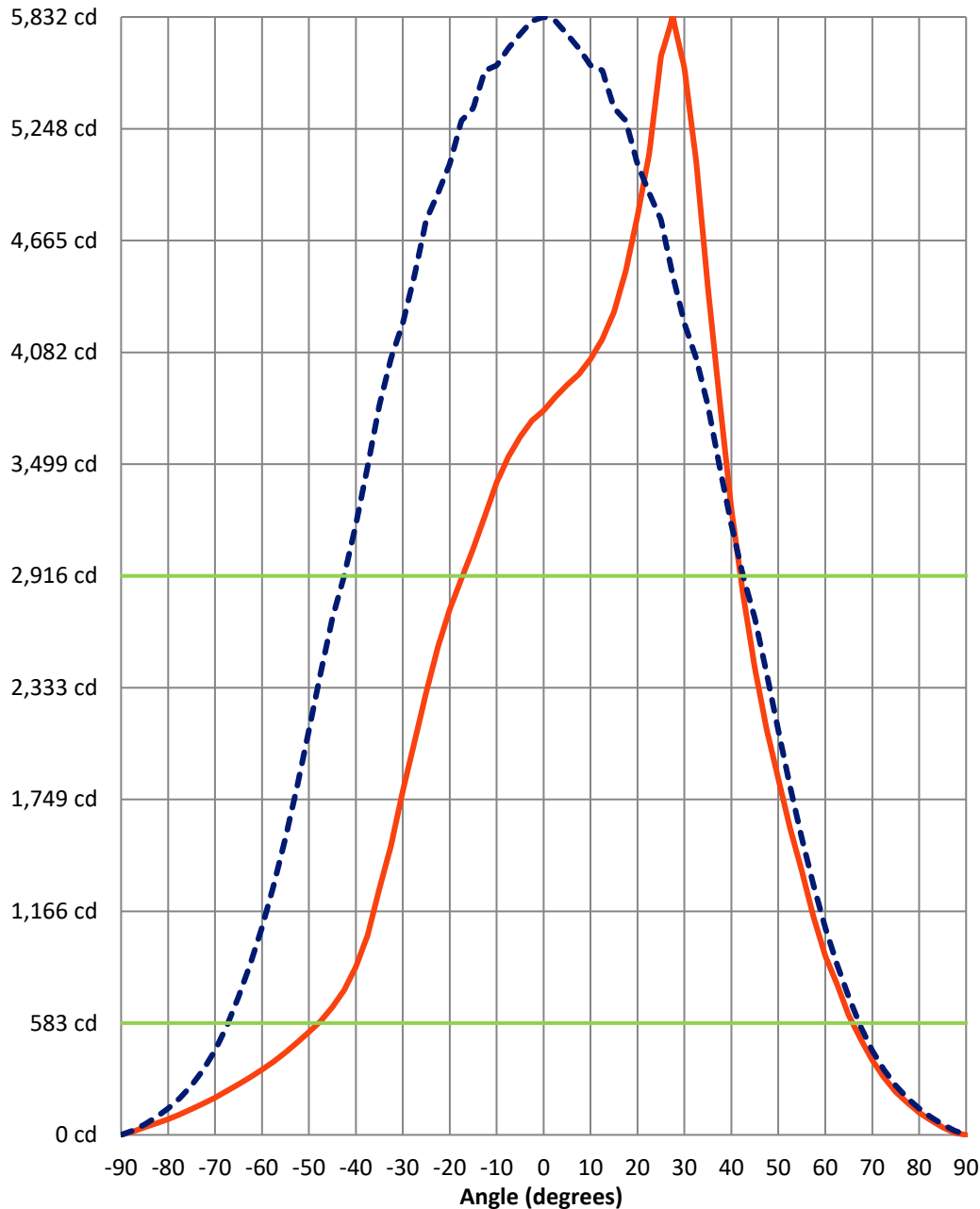
### Luminous Intensity Polar Plot



— 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: 4409.3  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 7864.6  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 636.9  
 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	1.1	2.3	3.4	4.4	5.5	6.5	7.5	8.4	9.3	10.2
85°	0.0	2.2	4.5	6.7	8.9	11.0	13.0	14.9	16.8	18.7	20.4
82.5°	0.0	3.3	6.8	10.1	13.3	16.4	19.4	22.4	25.8	31.4	37.3
80°	0.0	4.4	9.0	13.4	17.7	21.8	26.5	33.8	41.5	49.5	57.9
77.5°	0.0	5.5	11.2	16.7	22.0	28.5	37.6	47.1	57.1	67.5	79.6
75°	0.0	6.6	13.4	20.0	26.8	37.4	48.6	60.3	72.9	88.9	105.2
72.5°	0.0	7.7	15.6	23.2	33.6	46.1	59.4	74.3	92.5	111.2	130.4
70°	0.0	8.7	17.7	26.7	40.3	54.7	70.4	90.8	111.7	133.2	158.4
67.5°	0.0	9.8	19.8	31.5	46.8	63.1	83.9	107.0	130.6	158.6	186.8
65°	0.0	10.8	21.9	36.1	53.2	72.4	96.9	122.8	152.5	183.4	216.1
62.5°	0.0	11.8	23.9	40.7	59.4	82.6	109.6	140.5	173.8	208.4	248.4
60°	0.0	12.7	25.9	45.1	65.4	92.4	121.8	158.5	194.6	236.0	279.7
57.5°	0.0	13.7	28.6	49.3	72.6	101.8	135.5	175.9	217.2	262.7	315.4
55°	0.0	14.6	31.3	53.5	79.6	110.8	148.9	192.0	239.6	289.6	351.9
52.5°	0.0	15.5	33.9	57.4	86.3	119.6	161.6	209.1	260.9	319.7	386.4
50°	0.0	16.4	36.5	61.3	92.7	129.4	173.5	225.4	282.4	348.0	427.6
47.5°	0.0	17.2	38.9	65.1	98.7	138.5	184.9	240.6	305.4	374.4	466.9
45°	0.0	18.0	41.2	69.3	104.4	147.0	196.8	254.6	325.5	406.3	503.1
42.5°	0.0	18.7	43.4	73.3	109.7	154.9	207.7	269.3	343.8	435.7	543.8
40°	0.0	19.4	45.5	77.1	115.1	162.1	217.7	284.0	362.4	462.1	582.0
37.5°	0.0	20.1	47.5	80.7	120.5	168.7	226.7	297.3	382.4	486.3	616.1
35°	0.0	20.8	49.4	84.1	125.4	175.3	234.7	309.3	400.0	512.0	648.3
32.5°	0.0	21.4	51.2	87.2	129.9	181.5	242.4	319.9	415.3	533.9	677.0
30°	0.0	21.9	52.8	90.1	133.9	186.9	250.6	329.7	428.1	552.2	700.7
27.5°	0.0	22.4	54.3	92.8	137.6	191.5	257.8	339.9	440.0	566.8	719.6
25°	0.0	22.9	55.7	95.2	141.0	195.5	263.8	348.2	451.7	580.2	733.8
22.5°	0.0	23.3	56.9	97.3	143.8	198.9	268.7	354.7	460.4	591.1	745.9
20°	0.0	23.7	58.0	99.2	146.2	202.3	272.5	359.4	466.4	598.1	753.8
17.5°	0.0	24.1	59.0	100.8	148.1	205.1	276.0	362.4	469.6	601.4	757.4
15°	0.0	24.4	59.8	102.2	149.6	207.3	278.8	364.4	470.3	601.2	756.9
12.5°	0.0	24.6	60.5	103.3	150.7	208.9	280.5	365.9	470.3	597.6	752.4
10°	0.0	24.8	61.1	104.1	151.3	209.9	281.2	366.0	469.5	595.8	745.6
7.5°	0.0	24.9	61.5	104.7	151.5	210.3	280.8	364.7	466.7	592.0	737.9
5°	0.0	25.0	61.8	105.1	151.3	210.2	279.6	362.2	462.1	585.7	726.6
2.5°	0.0	25.1	61.9	105.2	150.7	209.4	277.5	358.4	455.7	577.0	712.0
0°	0.0	25.1	61.9	105.0	149.8	208.1	274.5	353.4	447.6	566.0	694.3
-2.5°	0.0	25.1	61.8	104.5	149.1	206.1	271.4	348.2	439.7	553.8	676.5
-5°	0.0	25.1	61.5	103.8	148.0	203.6	267.5	342.0	430.4	539.7	656.4
-7.5°	0.0	25.1	61.0	102.8	146.6	200.7	262.9	334.8	419.8	523.8	634.3
-10°	0.0	24.9	60.5	101.7	144.9	197.2	257.6	326.8	408.0	506.4	610.4
-12.5°	0.0	24.8	59.8	100.2	142.8	193.3	251.7	318.0	395.2	487.8	587.0
-15°	0.0	24.6	59.0	98.6	140.4	189.0	245.2	308.5	382.0	469.5	563.1
-17.5°	0.0	24.3	58.1	96.8	137.7	184.4	238.1	298.9	368.9	450.2	538.0
-20°	0.0	24.0	57.0	94.7	134.7	179.4	230.8	289.3	355.1	430.0	511.9



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 CATALOG NUMBER: GFLD-SA3B-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	23.7	55.9	92.5	131.4	174.2	223.4	278.9	340.6	409.2	484.9
-25°	0.0	23.3	54.6	90.0	127.8	168.9	215.6	268.0	325.6	387.8	457.3
-27.5°	0.0	22.8	53.2	87.4	123.9	163.4	207.4	256.4	310.3	367.1	431.1
-30°	0.0	22.3	51.7	84.6	119.7	157.6	198.8	244.3	295.4	348.2	405.0
-32.5°	0.0	21.8	50.1	81.7	115.5	151.5	189.9	233.1	280.6	329.2	379.0
-35°	0.0	21.2	48.5	78.5	111.0	145.0	181.6	221.9	265.3	310.3	353.3
-37.5°	0.0	20.6	46.7	75.3	106.2	138.5	173.4	210.5	249.7	291.4	332.1
-40°	0.0	19.9	44.9	71.9	101.3	132.2	164.8	199.0	233.7	273.0	311.9
-42.5°	0.0	19.2	42.9	68.3	96.4	125.8	156.0	187.3	219.3	255.2	291.4
-45°	0.0	18.4	40.9	64.7	91.5	119.1	146.9	175.9	205.7	237.3	270.8
-47.5°	0.0	17.6	38.8	60.9	86.4	112.3	137.6	165.1	192.1	219.5	251.1
-50°	0.0	16.8	36.7	57.5	81.2	105.3	129.1	154.0	178.8	204.5	231.4
-52.5°	0.0	15.9	34.4	54.2	75.8	98.1	120.6	142.7	165.8	189.3	212.2
-55°	0.0	15.0	32.2	50.7	70.3	91.1	111.9	131.5	152.9	173.8	195.1
-57.5°	0.0	14.1	29.8	47.2	64.6	84.1	103.1	121.4	139.8	159.0	177.8
-60°	0.0	13.1	27.4	43.6	58.9	76.9	94.3	111.2	126.9	144.2	160.8
-62.5°	0.0	12.1	25.4	39.9	54.0	69.6	85.6	100.9	115.3	129.3	144.5
-65°	0.0	11.1	23.3	36.1	49.0	62.1	76.8	90.5	103.5	115.8	128.1
-67.5°	0.0	10.1	21.1	32.3	43.9	55.2	67.8	80.3	91.6	102.7	113.1
-70°	0.0	9.0	18.9	28.4	38.8	48.9	58.8	70.0	80.2	89.4	98.7
-72.5°	0.0	7.9	16.6	24.8	33.6	42.5	51.0	59.6	68.8	77.0	84.4
-75°	0.0	6.8	14.3	21.4	28.3	36.0	43.4	50.4	57.3	64.6	71.2
-77.5°	0.0	5.7	12.0	17.9	23.6	29.4	35.6	41.6	47.3	52.7	58.0
-80°	0.0	4.6	9.6	14.3	18.9	23.4	27.8	32.8	37.5	41.9	46.0
-82.5°	0.0	3.4	7.2	10.8	14.2	17.6	20.8	24.2	27.6	31.0	34.3
-85°	0.0	2.3	4.8	7.2	9.5	11.7	13.9	16.2	18.4	20.6	22.7
-87.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.1	9.2	10.3	11.4
-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: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-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°	10.8	11.2	11.6	11.8	12.3	12.7	13.0	13.3	13.5	13.7	13.8
85°	21.5	22.4	25.1	27.6	30.2	32.6	34.8	36.7	38.2	39.4	40.4
82.5°	42.1	46.6	50.8	54.9	58.5	61.8	64.9	68.5	71.5	73.9	75.9
80°	64.6	70.7	78.2	85.2	91.5	97.2	102.5	107.2	110.9	114.6	118.3
77.5°	90.8	100.7	109.9	118.5	126.7	136.4	145.3	153.4	159.7	164.5	168.2
75°	118.9	130.7	144.2	157.5	170.1	181.6	192.9	206.6	217.7	226.1	232.8
72.5°	148.9	165.9	182.4	198.4	216.8	234.7	252.1	269.0	283.8	294.6	303.4
70°	181.4	201.1	223.9	246.9	269.1	291.6	315.6	337.5	355.5	368.3	380.5
67.5°	214.6	242.2	269.2	296.9	328.4	357.0	383.2	410.8	435.2	451.2	465.2
65°	252.8	283.7	319.8	356.5	391.1	426.8	459.9	489.9	520.6	542.9	561.3
62.5°	289.8	333.3	375.7	418.8	462.2	501.0	544.3	582.8	613.7	645.7	673.0
60°	333.6	385.3	437.4	489.3	537.8	592.5	639.8	684.6	725.9	761.6	795.2
57.5°	377.4	444.1	505.7	566.6	630.8	689.3	745.0	795.1	844.5	885.7	926.1
55°	423.4	509.3	580.4	655.7	726.3	792.2	854.8	917.7	970.3	1027.1	1076.5
52.5°	474.5	572.6	664.5	747.4	827.0	903.0	977.9	1053.5	1127.4	1186.3	1242.2
50°	522.2	639.2	749.7	844.3	935.8	1026.1	1119.6	1214.2	1295.7	1363.0	1421.2
47.5°	574.8	701.0	841.5	946.1	1055.9	1167.8	1281.4	1385.9	1474.6	1566.2	1630.4
45°	626.0	763.6	916.1	1061.2	1188.2	1323.7	1448.9	1564.1	1692.7	1792.8	1878.6
42.5°	672.7	823.0	992.7	1177.3	1336.1	1481.6	1617.0	1779.1	1926.9	2043.8	2150.9
40°	720.9	876.9	1062.3	1285.1	1483.6	1638.9	1803.7	1982.9	2175.1	2319.1	2447.0
37.5°	764.8	932.1	1125.9	1367.4	1628.8	1799.6	1981.8	2176.2	2395.4	2611.9	2765.7
35°	803.7	978.9	1189.1	1434.4	1702.0	1955.3	2148.0	2355.0	2594.9	2875.8	3085.9
32.5°	839.0	1017.1	1239.2	1486.6	1758.1	2055.0	2299.6	2512.1	2752.8	3042.7	3399.4
30°	867.8	1054.0	1276.5	1524.4	1796.6	2092.3	2402.9	2634.5	2862.9	3147.4	3479.4
27.5°	889.7	1081.1	1302.2	1547.9	1817.2	2109.7	2408.4	2694.1	2915.2	3182.9	3484.9
25°	906.4	1103.3	1315.9	1556.7	1820.2	2102.0	2389.6	2659.8	2908.1	3144.1	3415.1
22.5°	920.3	1118.6	1330.8	1550.8	1806.5	2075.0	2345.4	2603.1	2843.4	3064.3	3297.4
20°	930.7	1128.4	1338.3	1556.5	1783.4	2031.0	2289.6	2534.9	2767.0	2980.9	3170.6
17.5°	935.4	1131.3	1338.3	1555.5	1779.5	1996.1	2221.2	2457.1	2685.2	2897.7	3085.1
15°	934.6	1127.5	1331.0	1547.2	1767.9	1982.4	2189.8	2384.4	2596.8	2811.7	2998.4
12.5°	928.4	1117.3	1316.5	1531.7	1749.0	1960.9	2164.6	2359.9	2550.4	2730.4	2908.9
10°	917.1	1101.0	1295.2	1509.1	1722.8	1931.6	2132.6	2328.6	2517.1	2693.8	2860.0
7.5°	905.6	1082.8	1269.6	1479.5	1689.3	1894.4	2093.7	2290.0	2474.9	2651.2	2819.1
5°	890.3	1063.5	1250.1	1451.1	1653.4	1853.5	2048.5	2243.8	2423.8	2601.7	2770.3
2.5°	870.9	1039.4	1225.4	1416.8	1613.2	1811.2	1999.7	2191.3	2375.9	2546.8	2712.9
0°	847.7	1011.0	1195.7	1376.0	1566.2	1761.8	1943.0	2130.4	2322.4	2483.9	2646.2
-2.5°	822.4	976.9	1152.4	1331.8	1515.6	1707.4	1893.2	2070.9	2258.7	2421.9	2587.6
-5°	794.1	939.3	1104.6	1281.9	1459.0	1646.0	1835.3	2004.2	2183.6	2345.0	2508.0
-7.5°	763.2	898.6	1052.8	1225.8	1394.6	1571.0	1750.2	1912.8	2087.1	2246.8	2405.6
-10°	730.5	858.6	1002.5	1162.5	1321.6	1486.0	1654.4	1813.6	1981.2	2140.2	2293.0
-12.5°	699.2	819.0	950.6	1096.1	1244.6	1396.5	1553.0	1706.7	1865.8	2025.5	2168.4
-15°	666.4	777.5	897.0	1027.5	1164.2	1303.2	1447.0	1592.4	1741.7	1898.0	2029.9
-17.5°	632.5	734.4	842.3	957.3	1080.9	1206.8	1339.0	1479.4	1616.0	1758.3	1886.0
-20°	597.8	690.0	787.2	886.2	996.1	1116.8	1240.5	1366.4	1490.6	1614.5	1734.4



REPORT NUMBER: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-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°	562.6	644.6	733.0	820.2	924.7	1033.7	1142.2	1251.6	1362.9	1469.7	1583.1
-25°	528.6	602.5	680.6	765.3	855.1	951.1	1044.4	1136.8	1235.5	1335.6	1433.2
-27.5°	495.9	561.0	634.8	710.4	785.1	870.6	952.2	1030.6	1116.7	1205.0	1283.8
-30°	463.0	524.9	589.5	656.6	722.3	793.7	864.2	933.0	1003.2	1078.7	1147.0
-32.5°	432.6	489.1	547.8	606.6	662.4	717.8	783.0	844.1	901.5	955.3	1014.9
-35°	404.7	456.5	507.6	558.3	604.2	652.9	707.5	758.9	805.0	848.2	893.8
-37.5°	378.5	424.6	467.6	512.9	553.8	595.4	635.6	680.1	717.5	752.1	789.4
-40°	352.2	393.4	432.1	470.0	507.4	542.2	576.5	606.7	636.8	670.0	695.8
-42.5°	326.2	364.5	399.2	428.2	463.5	493.5	520.1	545.2	569.8	595.7	616.3
-45°	303.4	336.0	367.6	395.4	421.9	447.4	470.0	489.7	513.0	531.0	546.5
-47.5°	280.3	308.5	337.4	363.1	385.2	406.0	422.8	442.6	461.7	477.1	486.2
-50°	257.6	283.4	307.9	331.8	351.9	368.6	383.0	399.3	415.2	428.3	436.9
-52.5°	236.6	258.2	280.9	301.2	319.7	334.7	348.5	362.6	374.3	383.3	394.6
-55°	215.9	235.8	254.8	273.0	288.8	302.5	316.1	328.6	338.5	346.3	355.7
-57.5°	196.5	214.4	231.0	246.3	260.5	272.2	285.4	296.2	305.4	312.7	322.3
-60°	177.5	193.6	208.6	222.0	233.7	245.3	256.0	265.9	273.9	281.2	290.0
-62.5°	158.7	173.2	186.7	199.0	209.7	219.3	228.9	237.3	244.1	251.6	258.9
-65°	141.1	153.3	165.2	176.4	186.4	195.5	203.5	210.3	216.6	223.3	229.2
-67.5°	123.5	134.9	144.9	153.7	163.0	171.8	179.2	185.5	190.8	196.2	201.2
-70°	107.7	116.8	125.9	133.9	140.9	148.3	155.5	161.4	166.1	170.4	174.5
-72.5°	92.3	100.3	107.8	114.7	121.1	127.0	132.7	138.0	142.4	145.8	148.7
-75°	77.6	83.8	90.3	96.3	101.5	106.1	110.5	114.7	118.3	121.2	123.5
-77.5°	63.5	68.8	73.7	78.3	82.1	85.8	89.1	92.2	95.0	97.2	98.8
-80°	49.9	53.7	57.7	61.5	64.4	66.9	69.0	70.9	72.9	75.0	76.8
-82.5°	37.1	39.8	42.5	45.1	47.1	48.8	50.3	51.7	53.2	54.6	55.8
-85°	24.4	26.0	27.6	29.2	30.7	32.1	33.2	34.2	35.0	35.7	36.3
-87.5°	12.2	13.0	13.7	14.4	15.1	15.8	16.5	17.1	17.5	17.9	18.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-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°	13.9	14.0	13.9	13.9	13.8	13.2	12.6	12.0	11.3	11.6	12.0
85°	41.1	41.3	41.1	40.7	40.0	40.0	39.9	39.7	39.3	39.9	40.4
82.5°	77.4	78.0	78.0	77.7	76.9	77.2	77.4	77.2	76.7	77.3	77.6
80°	121.0	122.1	122.2	121.3	119.7	119.9	120.0	119.7	118.9	119.1	119.1
77.5°	172.4	175.0	175.9	175.5	173.8	173.3	172.2	169.8	166.4	166.3	166.4
75°	237.8	240.5	242.0	241.8	240.3	239.2	237.7	235.0	231.2	231.0	231.0
72.5°	310.1	314.1	315.9	317.5	317.5	316.9	315.0	310.9	305.0	304.3	305.0
70°	390.0	396.7	401.0	404.2	406.8	407.4	406.1	402.8	397.6	396.2	395.8
67.5°	478.9	489.6	497.8	503.2	508.3	511.9	513.3	511.9	507.6	506.2	506.8
65°	578.5	595.1	608.8	619.0	625.9	630.8	635.0	637.5	638.1	639.6	641.6
62.5°	695.0	715.3	734.3	747.3	754.0	758.7	772.4	780.3	782.5	783.0	786.0
60°	825.0	850.7	874.4	893.5	908.9	920.6	932.3	940.0	942.8	943.4	947.6
57.5°	967.1	999.4	1027.2	1056.8	1077.4	1089.3	1104.9	1120.9	1129.3	1131.7	1141.5
55°	1124.4	1168.5	1204.6	1236.2	1264.9	1290.2	1311.6	1328.1	1340.3	1347.7	1360.8
52.5°	1298.3	1350.2	1387.9	1424.9	1466.2	1495.2	1514.2	1544.8	1567.0	1579.1	1594.7
50°	1489.3	1547.0	1598.4	1637.3	1685.3	1725.0	1753.9	1782.9	1803.1	1814.7	1829.8
47.5°	1706.7	1777.8	1837.4	1873.4	1929.1	1975.9	1994.8	2016.6	2054.8	2073.1	2089.2
45°	1951.4	2042.1	2108.3	2164.7	2212.6	2265.1	2299.5	2324.3	2361.9	2380.7	2392.6
42.5°	2242.5	2343.5	2430.7	2498.5	2538.7	2606.8	2656.5	2670.4	2723.7	2759.8	2770.4
40°	2569.2	2681.0	2796.1	2873.3	2938.2	3007.3	3089.2	3134.8	3179.8	3215.2	3223.2
37.5°	2909.5	3059.2	3190.6	3290.2	3397.4	3499.4	3586.2	3633.6	3663.1	3730.8	3756.0
35°	3255.5	3410.0	3594.0	3748.9	3878.8	4004.7	4103.7	4181.7	4256.0	4316.9	4353.5
32.5°	3550.1	3716.4	3943.6	4175.5	4315.7	4452.1	4614.8	4704.0	4803.1	4883.4	4942.1
30°	3792.3	3950.3	4157.2	4448.2	4640.1	4778.4	4984.3	5107.7	5215.6	5351.7	5399.1
27.5°	3803.7	4050.7	4233.7	4484.3	4772.4	4912.7	5065.1	5289.4	5357.4	5551.4	5579.4
25°	3703.8	3963.3	4151.3	4360.4	4600.0	4770.7	4909.8	5096.4	5194.0	5318.8	5414.6
22.5°	3547.7	3776.3	3968.1	4145.5	4332.4	4487.8	4615.0	4746.1	4853.3	4950.1	5040.0
20°	3375.2	3592.3	3774.1	3926.6	4074.8	4218.8	4333.3	4443.4	4536.1	4619.2	4670.3
17.5°	3253.8	3409.9	3595.7	3752.0	3880.4	3993.5	4111.9	4204.0	4285.3	4360.1	4406.9
15°	3170.8	3319.3	3451.6	3595.0	3730.3	3838.2	3927.2	4022.4	4092.6	4157.0	4207.7
12.5°	3084.7	3237.7	3376.2	3495.6	3601.5	3719.3	3814.6	3889.4	3963.1	4013.7	4065.7
10°	3012.8	3156.0	3299.6	3425.7	3537.2	3634.2	3724.4	3808.3	3874.5	3931.2	3972.2
7.5°	2971.1	3111.5	3240.6	3361.6	3470.2	3573.6	3666.7	3743.6	3809.1	3867.8	3910.8
5°	2922.8	3061.7	3190.6	3314.2	3418.6	3517.9	3610.6	3689.6	3757.5	3809.8	3851.0
2.5°	2867.3	3004.4	3132.9	3258.6	3363.0	3458.7	3546.4	3623.6	3694.3	3744.1	3779.1
0°	2804.1	2941.4	3066.9	3185.3	3290.3	3393.5	3474.2	3552.2	3621.3	3670.6	3705.6
-2.5°	2740.4	2876.8	3006.8	3120.2	3224.4	3319.6	3405.5	3479.3	3545.2	3594.4	3625.1
-5°	2655.6	2791.2	2919.5	3033.8	3142.6	3238.2	3321.8	3396.7	3460.3	3513.9	3555.5
-7.5°	2553.0	2690.1	2818.3	2935.0	3043.3	3133.7	3213.9	3289.4	3357.3	3415.8	3467.0
-10°	2440.2	2575.8	2696.9	2806.2	2907.1	2999.0	3084.3	3159.0	3221.1	3278.4	3321.6
-12.5°	2308.8	2434.4	2552.8	2660.6	2759.2	2851.2	2932.4	3003.4	3066.0	3116.8	3155.7
-15°	2163.9	2283.0	2395.2	2505.4	2608.7	2699.2	2770.6	2845.5	2899.7	2949.0	2984.1
-17.5°	2008.8	2124.0	2242.0	2352.4	2447.7	2537.1	2615.7	2684.1	2741.0	2786.2	2825.7
-20°	1851.6	1968.9	2082.4	2187.7	2279.4	2362.2	2441.8	2507.6	2565.9	2615.0	2661.4



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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°	1693.7	1801.3	1907.9	2010.8	2097.6	2175.9	2245.5	2308.5	2360.0	2417.9	2458.8
-25°	1531.5	1625.8	1722.1	1813.0	1895.0	1971.9	2035.1	2090.2	2143.9	2199.9	2239.8
-27.5°	1368.5	1451.9	1530.1	1610.5	1682.4	1749.1	1807.7	1855.9	1908.0	1945.4	1989.3
-30°	1207.3	1283.0	1348.2	1404.2	1471.7	1529.0	1574.6	1622.5	1665.5	1701.2	1738.2
-32.5°	1070.8	1122.6	1174.6	1221.5	1266.4	1313.5	1350.2	1392.0	1421.5	1452.3	1482.1
-35°	939.7	979.5	1014.1	1057.9	1091.6	1117.2	1147.9	1178.5	1190.3	1223.8	1241.6
-37.5°	820.9	847.1	879.3	909.8	934.8	953.9	981.2	997.3	1005.8	1027.4	1039.0
-40°	719.3	735.8	765.9	786.7	801.7	815.6	838.3	848.8	860.3	871.1	871.4
-42.5°	629.8	651.1	671.5	687.9	697.3	713.2	723.9	725.1	740.0	749.6	751.1
-45°	556.7	578.3	594.5	606.5	615.9	629.6	636.5	640.4	652.6	659.0	661.9
-47.5°	500.5	515.6	529.6	538.9	551.3	561.4	566.4	572.9	582.3	588.2	592.5
-50°	451.1	463.1	473.7	482.2	494.6	503.6	508.4	516.3	523.3	527.6	531.0
-52.5°	407.6	418.3	425.7	434.0	444.3	452.2	458.4	466.2	472.0	475.8	478.8
-55°	367.0	377.0	384.2	393.2	400.6	405.9	411.1	418.8	424.5	428.4	430.9
-57.5°	331.1	338.7	345.7	353.9	360.9	366.7	371.4	375.6	379.3	382.5	385.0
-60°	297.5	303.6	310.1	316.5	321.8	325.9	331.0	334.8	337.2	338.7	340.8
-62.5°	265.2	270.7	276.4	281.6	285.8	289.3	293.4	296.5	298.8	300.4	301.6
-65°	234.5	239.2	244.1	248.4	252.0	255.1	257.9	260.1	261.7	263.0	264.1
-67.5°	205.8	209.5	212.9	215.9	218.6	221.2	223.7	225.4	226.3	227.4	228.5
-70°	178.0	181.0	183.3	185.0	186.6	188.7	191.1	192.7	193.7	194.8	195.8
-72.5°	151.2	153.4	155.2	156.7	157.6	158.9	160.5	161.9	162.9	163.7	164.1
-75°	125.4	127.2	128.8	129.9	130.6	131.5	132.4	132.8	132.9	133.2	133.5
-77.5°	100.1	101.9	103.4	104.5	105.2	105.9	106.5	106.9	106.9	107.0	106.7
-80°	78.2	79.4	80.4	81.1	81.6	82.2	82.5	82.5	82.4	82.5	82.6
-82.5°	56.8	57.9	58.8	59.4	59.9	60.4	60.9	61.2	61.3	61.4	61.3
-85°	36.8	37.3	37.7	38.2	38.6	38.8	38.9	39.0	38.9	38.9	38.8
-87.5°	18.4	18.1	17.8	17.5	17.0	17.2	17.2	17.3	17.3	17.5	17.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.3	12.6	11.7	10.8	11.7	12.6	12.3	12.0	11.6	11.3	12.0
85°	40.8	41.1	40.3	39.5	40.3	41.1	40.8	40.4	39.9	39.3	39.7
82.5°	77.7	77.6	77.0	76.2	77.0	77.6	77.7	77.6	77.3	76.7	77.2
80°	118.6	117.8	117.4	116.6	117.4	117.8	118.6	119.1	119.1	118.9	119.7
77.5°	166.1	165.2	166.6	167.7	166.6	165.2	166.1	166.4	166.3	166.4	169.8
75°	230.1	228.4	226.7	224.3	226.7	228.4	230.1	231.0	231.0	231.2	235.0
72.5°	304.7	303.3	301.9	299.6	301.9	303.3	304.7	305.0	304.3	305.0	310.9
70°	393.5	389.3	390.0	390.2	390.0	389.3	393.5	395.8	396.2	397.6	402.8
67.5°	505.2	501.4	501.8	501.4	501.8	501.4	505.2	506.8	506.2	507.6	511.9
65°	640.4	636.2	631.0	623.4	631.0	636.2	640.4	641.6	639.6	638.1	637.5
62.5°	785.7	781.9	784.1	785.8	784.1	781.9	785.7	786.0	783.0	782.5	780.3
60°	946.9	941.6	939.0	934.7	939.0	941.6	946.9	947.6	943.4	942.8	940.0
57.5°	1146.0	1145.1	1142.7	1136.5	1142.7	1145.1	1146.0	1141.5	1131.7	1129.3	1120.9
55°	1366.9	1365.7	1370.7	1376.9	1370.7	1365.7	1366.9	1360.8	1347.7	1340.3	1328.1
52.5°	1606.1	1610.2	1608.7	1600.3	1608.7	1610.2	1606.1	1594.7	1579.1	1567.0	1544.8
50°	1843.0	1847.5	1852.3	1856.8	1852.3	1847.5	1843.0	1829.8	1814.7	1803.1	1782.9
47.5°	2111.5	2123.4	2125.5	2117.0	2125.5	2123.4	2111.5	2089.2	2073.1	2054.8	2016.6
45°	2416.4	2423.6	2427.3	2434.5	2427.3	2423.6	2416.4	2392.6	2380.7	2361.9	2324.3
42.5°	2801.0	2809.3	2810.6	2818.5	2810.6	2809.3	2801.0	2770.4	2759.8	2723.7	2670.4
40°	3257.4	3270.9	3268.5	3265.2	3268.5	3270.9	3257.4	3223.2	3215.2	3179.8	3134.8
37.5°	3791.6	3814.6	3817.0	3831.2	3817.0	3814.6	3791.6	3756.0	3730.8	3663.1	3633.6
35°	4391.3	4418.3	4413.6	4420.6	4413.6	4418.3	4391.3	4353.5	4316.9	4256.0	4181.7
32.5°	4996.1	5036.6	5044.8	5079.0	5044.8	5036.6	4996.1	4942.1	4883.4	4803.1	4704.0
30°	5471.3	5528.1	5565.3	5562.5	5565.3	5528.1	5471.3	5399.1	5351.7	5215.6	5107.7
27.5°	5668.1	5741.8	5810.8	5831.6	5810.8	5741.8	5668.1	5579.4	5551.4	5357.4	5289.4
25°	5476.0	5529.9	5590.8	5623.5	5590.8	5529.9	5476.0	5414.6	5318.8	5194.0	5096.4
22.5°	5081.4	5116.4	5137.2	5120.2	5137.2	5116.4	5081.4	5040.0	4950.1	4853.3	4746.1
20°	4723.3	4767.6	4775.9	4793.7	4775.9	4767.6	4723.3	4670.3	4619.2	4536.1	4443.4
17.5°	4456.8	4485.8	4502.8	4506.7	4502.8	4485.8	4456.8	4406.9	4360.1	4285.3	4204.0
15°	4247.9	4271.1	4286.4	4293.2	4286.4	4271.1	4247.9	4207.7	4157.0	4092.6	4022.4
12.5°	4099.9	4128.2	4142.1	4150.5	4142.1	4128.2	4099.9	4065.7	4013.7	3963.1	3889.4
10°	4005.0	4032.3	4043.3	4047.4	4043.3	4032.3	4005.0	3972.2	3931.2	3874.5	3808.3
7.5°	3936.8	3954.3	3961.8	3967.6	3961.8	3954.3	3936.8	3910.8	3867.8	3809.1	3743.6
5°	3881.8	3895.8	3903.6	3911.9	3903.6	3895.8	3881.8	3851.0	3809.8	3757.5	3689.6
2.5°	3806.9	3827.0	3840.8	3849.1	3840.8	3827.0	3806.9	3779.1	3744.1	3694.3	3623.6
0°	3733.4	3752.3	3762.1	3778.3	3762.1	3752.3	3733.4	3705.6	3670.6	3621.3	3552.2
-2.5°	3652.6	3674.4	3700.4	3725.4	3700.4	3674.4	3652.6	3625.1	3594.4	3545.2	3479.3
-5°	3590.8	3619.6	3625.0	3641.0	3625.0	3619.6	3590.8	3555.5	3513.9	3460.3	3396.7
-7.5°	3497.5	3510.6	3533.0	3537.0	3533.0	3510.6	3497.5	3467.0	3415.8	3357.3	3289.4
-10°	3353.8	3375.2	3389.1	3403.3	3389.1	3375.2	3353.8	3321.6	3278.4	3221.1	3159.0
-12.5°	3184.9	3210.0	3232.5	3229.3	3232.5	3210.0	3184.9	3155.7	3116.8	3066.0	3003.4
-15°	3020.4	3044.7	3060.0	3058.0	3060.0	3044.7	3020.4	2984.1	2949.0	2899.7	2845.5
-17.5°	2857.1	2879.2	2901.5	2901.0	2901.5	2879.2	2857.1	2825.7	2786.2	2741.0	2684.1
-20°	2688.5	2707.4	2731.3	2741.3	2731.3	2707.4	2688.5	2661.4	2615.0	2565.9	2507.6



REPORT NUMBER: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-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°	2493.5	2517.7	2535.1	2545.8	2535.1	2517.7	2493.5	2458.8	2417.9	2360.0	2308.5
-25°	2266.2	2291.1	2304.3	2309.0	2304.3	2291.1	2266.2	2239.8	2199.9	2143.9	2090.2
-27.5°	2015.1	2043.0	2056.6	2049.7	2056.6	2043.0	2015.1	1989.3	1945.4	1908.0	1855.9
-30°	1757.6	1775.5	1777.6	1793.2	1777.6	1775.5	1757.6	1738.2	1701.2	1665.5	1622.5
-32.5°	1503.6	1515.6	1508.8	1509.7	1508.8	1515.6	1503.6	1482.1	1452.3	1421.5	1392.0
-35°	1252.7	1262.3	1264.2	1281.9	1264.2	1262.3	1252.7	1241.6	1223.8	1190.3	1178.5
-37.5°	1051.0	1054.9	1049.0	1040.6	1049.0	1054.9	1051.0	1039.0	1027.4	1005.8	997.3
-40°	880.0	883.0	880.8	876.4	880.8	883.0	880.0	871.4	871.1	860.3	848.8
-42.5°	756.9	757.0	755.0	754.4	755.0	757.0	756.9	751.1	749.6	740.0	725.1
-45°	666.0	667.0	666.8	666.5	666.8	667.0	666.0	661.9	659.0	652.6	640.4
-47.5°	595.5	595.7	594.7	592.9	594.7	595.7	595.5	592.5	588.2	582.3	572.9
-50°	533.1	533.0	534.2	536.4	534.2	533.0	533.1	531.0	527.6	523.3	516.3
-52.5°	480.3	480.2	480.9	481.7	480.9	480.2	480.3	478.8	475.8	472.0	466.2
-55°	432.1	431.8	431.2	429.7	431.2	431.8	432.1	430.9	428.4	424.5	418.8
-57.5°	385.9	385.4	384.2	382.1	384.2	385.4	385.9	385.0	382.5	379.3	375.6
-60°	341.9	342.1	341.6	340.0	341.6	342.1	341.9	340.8	338.7	337.2	334.8
-62.5°	301.8	301.2	301.1	300.5	301.1	301.2	301.8	301.6	300.4	298.8	296.5
-65°	264.3	263.6	263.8	263.7	263.8	263.6	264.3	264.1	263.0	261.7	260.1
-67.5°	228.9	228.7	228.9	228.7	228.9	228.7	228.9	228.5	227.4	226.3	225.4
-70°	196.3	196.4	195.4	193.8	195.4	196.4	196.3	195.8	194.8	193.7	192.7
-72.5°	164.1	163.5	163.6	163.3	163.6	163.5	164.1	164.1	163.7	162.9	161.9
-75°	133.5	133.1	134.0	134.6	134.0	133.1	133.5	133.5	133.2	132.9	132.8
-77.5°	106.2	105.4	106.1	106.7	106.1	105.4	106.2	106.7	107.0	106.9	106.9
-80°	82.5	82.2	82.0	81.6	82.0	82.2	82.5	82.6	82.5	82.4	82.5
-82.5°	61.1	60.8	60.5	60.1	60.5	60.8	61.1	61.3	61.4	61.3	61.2
-85°	38.7	38.4	39.0	39.5	39.0	38.4	38.7	38.8	38.9	38.9	39.0
-87.5°	17.7	17.8	17.4	17.0	17.4	17.8	17.7	17.6	17.5	17.3	17.3
-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: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.6	13.2	13.8	13.9	13.9	14.0	13.9	13.8	13.7	13.5	13.3
85°	39.9	40.0	40.0	40.7	41.1	41.3	41.1	40.4	39.4	38.2	36.7
82.5°	77.4	77.2	76.9	77.7	78.0	78.0	77.4	75.9	73.9	71.5	68.5
80°	120.0	119.9	119.7	121.3	122.2	122.1	121.0	118.3	114.6	110.9	107.2
77.5°	172.2	173.3	173.8	175.5	175.9	175.0	172.4	168.2	164.5	159.7	153.4
75°	237.7	239.2	240.3	241.8	242.0	240.5	237.8	232.8	226.1	217.7	206.6
72.5°	315.0	316.9	317.5	317.5	315.9	314.1	310.1	303.4	294.6	283.8	269.0
70°	406.1	407.4	406.8	404.2	401.0	396.7	390.0	380.5	368.3	355.5	337.5
67.5°	513.3	511.9	508.3	503.2	497.8	489.6	478.9	465.2	451.2	435.2	410.8
65°	635.0	630.8	625.9	619.0	608.8	595.1	578.5	561.3	542.9	520.6	489.9
62.5°	772.4	758.7	754.0	747.3	734.3	715.3	695.0	673.0	645.7	613.7	582.8
60°	932.3	920.6	908.9	893.5	874.4	850.7	825.0	795.2	761.6	725.9	684.6
57.5°	1104.9	1089.3	1077.4	1056.8	1027.2	999.4	967.1	926.1	885.7	844.5	795.1
55°	1311.6	1290.2	1264.9	1236.2	1204.6	1168.5	1124.4	1076.5	1027.1	970.3	917.7
52.5°	1514.2	1495.2	1466.2	1424.9	1387.9	1350.2	1298.3	1242.2	1186.3	1127.4	1053.5
50°	1753.9	1725.0	1685.3	1637.3	1598.4	1547.0	1489.3	1421.2	1363.0	1295.7	1214.2
47.5°	1994.8	1975.9	1929.1	1873.4	1837.4	1777.8	1706.7	1630.4	1566.2	1474.6	1385.9
45°	2299.5	2265.1	2212.6	2164.7	2108.3	2042.1	1951.4	1878.6	1792.8	1692.7	1564.1
42.5°	2656.5	2606.8	2538.7	2498.5	2430.7	2343.5	2242.5	2150.9	2043.8	1926.9	1779.1
40°	3089.2	3007.3	2938.2	2873.3	2796.1	2681.0	2569.2	2447.0	2319.1	2175.1	1982.9
37.5°	3586.2	3499.4	3397.4	3290.2	3190.6	3059.2	2909.5	2765.7	2611.9	2395.4	2176.2
35°	4103.7	4004.7	3878.8	3748.9	3594.0	3410.0	3255.5	3085.9	2875.8	2594.9	2355.0
32.5°	4614.8	4452.1	4315.7	4175.5	3943.6	3716.4	3550.1	3399.4	3042.7	2752.8	2512.1
30°	4984.3	4778.4	4640.1	4448.2	4157.2	3950.3	3792.3	3479.4	3147.4	2862.9	2634.5
27.5°	5065.1	4912.7	4772.4	4484.3	4233.7	4050.7	3803.7	3484.9	3182.9	2915.2	2694.1
25°	4909.8	4770.7	4600.0	4360.4	4151.3	3963.3	3703.8	3415.1	3144.1	2908.1	2659.8
22.5°	4615.0	4487.8	4332.4	4145.5	3968.1	3776.3	3547.7	3297.4	3064.3	2843.4	2603.1
20°	4333.3	4218.8	4074.8	3926.6	3774.1	3592.3	3375.2	3170.6	2980.9	2767.0	2534.9
17.5°	4111.9	3993.5	3880.4	3752.0	3595.7	3409.9	3253.8	3085.1	2897.7	2685.2	2457.1
15°	3927.2	3838.2	3730.3	3595.0	3451.6	3319.3	3170.8	2998.4	2811.7	2596.8	2384.4
12.5°	3814.6	3719.3	3601.5	3495.6	3376.2	3237.7	3084.7	2908.9	2730.4	2550.4	2359.9
10°	3724.4	3634.2	3537.2	3425.7	3299.6	3156.0	3012.8	2860.0	2693.8	2517.1	2328.6
7.5°	3666.7	3573.6	3470.2	3361.6	3240.6	3111.5	2971.1	2819.1	2651.2	2474.9	2290.0
5°	3610.6	3517.9	3418.6	3314.2	3190.6	3061.7	2922.8	2770.3	2601.7	2423.8	2243.8
2.5°	3546.4	3458.7	3363.0	3258.6	3132.9	3004.4	2867.3	2712.9	2546.8	2375.9	2191.3
0°	3474.2	3393.5	3290.3	3185.3	3066.9	2941.4	2804.1	2646.2	2483.9	2322.4	2130.4
-2.5°	3405.5	3319.6	3224.4	3120.2	3006.8	2876.8	2740.4	2587.6	2421.9	2258.7	2070.9
-5°	3321.8	3238.2	3142.6	3033.8	2919.5	2791.2	2655.6	2508.0	2345.0	2183.6	2004.2
-7.5°	3213.9	3133.7	3043.3	2935.0	2818.3	2690.1	2553.0	2405.6	2246.8	2087.1	1912.8
-10°	3084.3	2999.0	2907.1	2806.2	2696.9	2575.8	2440.2	2293.0	2140.2	1981.2	1813.6
-12.5°	2932.4	2851.2	2759.2	2660.6	2552.8	2434.4	2308.8	2168.4	2025.5	1865.8	1706.7
-15°	2770.6	2699.2	2608.7	2505.4	2395.2	2283.0	2163.9	2029.9	1898.0	1741.7	1592.4
-17.5°	2615.7	2537.1	2447.7	2352.4	2242.0	2124.0	2008.8	1886.0	1758.3	1616.0	1479.4
-20°	2441.8	2362.2	2279.4	2187.7	2082.4	1968.9	1851.6	1734.4	1614.5	1490.6	1366.4



REPORT NUMBER: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2245.5	2175.9	2097.6	2010.8	1907.9	1801.3	1693.7	1583.1	1469.7	1362.9	1251.6
-25°	2035.1	1971.9	1895.0	1813.0	1722.1	1625.8	1531.5	1433.2	1335.6	1235.5	1136.8
-27.5°	1807.7	1749.1	1682.4	1610.5	1530.1	1451.9	1368.5	1283.8	1205.0	1116.7	1030.6
-30°	1574.6	1529.0	1471.7	1404.2	1348.2	1283.0	1207.3	1147.0	1078.7	1003.2	933.0
-32.5°	1350.2	1313.5	1266.4	1221.5	1174.6	1122.6	1070.8	1014.9	955.3	901.5	844.1
-35°	1147.9	1117.2	1091.6	1057.9	1014.1	979.5	939.7	893.8	848.2	805.0	758.9
-37.5°	981.2	953.9	934.8	909.8	879.3	847.1	820.9	789.4	752.1	717.5	680.1
-40°	838.3	815.6	801.7	786.7	765.9	735.8	719.3	695.8	670.0	636.8	606.7
-42.5°	723.9	713.2	697.3	687.9	671.5	651.1	629.8	616.3	595.7	569.8	545.2
-45°	636.5	629.6	615.9	606.5	594.5	578.3	556.7	546.5	531.0	513.0	489.7
-47.5°	566.4	561.4	551.3	538.9	529.6	515.6	500.5	486.2	477.1	461.7	442.6
-50°	508.4	503.6	494.6	482.2	473.7	463.1	451.1	436.9	428.3	415.2	399.3
-52.5°	458.4	452.2	444.3	434.0	425.7	418.3	407.6	394.6	383.3	374.3	362.6
-55°	411.1	405.9	400.6	393.2	384.2	377.0	367.0	355.7	346.3	338.5	328.6
-57.5°	371.4	366.7	360.9	353.9	345.7	338.7	331.1	322.3	312.7	305.4	296.2
-60°	331.0	325.9	321.8	316.5	310.1	303.6	297.5	290.0	281.2	273.9	265.9
-62.5°	293.4	289.3	285.8	281.6	276.4	270.7	265.2	258.9	251.6	244.1	237.3
-65°	257.9	255.1	252.0	248.4	244.1	239.2	234.5	229.2	223.3	216.6	210.3
-67.5°	223.7	221.2	218.6	215.9	212.9	209.5	205.8	201.2	196.2	190.8	185.5
-70°	191.1	188.7	186.6	185.0	183.3	181.0	178.0	174.5	170.4	166.1	161.4
-72.5°	160.5	158.9	157.6	156.7	155.2	153.4	151.2	148.7	145.8	142.4	138.0
-75°	132.4	131.5	130.6	129.9	128.8	127.2	125.4	123.5	121.2	118.3	114.7
-77.5°	106.5	105.9	105.2	104.5	103.4	101.9	100.1	98.8	97.2	95.0	92.2
-80°	82.5	82.2	81.6	81.1	80.4	79.4	78.2	76.8	75.0	72.9	70.9
-82.5°	60.9	60.4	59.9	59.4	58.8	57.9	56.8	55.8	54.6	53.2	51.7
-85°	38.9	38.8	38.6	38.2	37.7	37.3	36.8	36.3	35.7	35.0	34.2
-87.5°	17.2	17.2	17.0	17.5	17.8	18.1	18.4	18.1	17.9	17.5	17.1
-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: P558762 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-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°	13.0	12.7	12.3	11.8	11.6	11.2	10.8	10.2	9.3	8.4	7.5
85°	34.8	32.6	30.2	27.6	25.1	22.4	21.5	20.4	18.7	16.8	14.9
82.5°	64.9	61.8	58.5	54.9	50.8	46.6	42.1	37.3	31.4	25.8	22.4
80°	102.5	97.2	91.5	85.2	78.2	70.7	64.6	57.9	49.5	41.5	33.8
77.5°	145.3	136.4	126.7	118.5	109.9	100.7	90.8	79.6	67.5	57.1	47.1
75°	192.9	181.6	170.1	157.5	144.2	130.7	118.9	105.2	88.9	72.9	60.3
72.5°	252.1	234.7	216.8	198.4	182.4	165.9	148.9	130.4	111.2	92.5	74.3
70°	315.6	291.6	269.1	246.9	223.9	201.1	181.4	158.4	133.2	111.7	90.8
67.5°	383.2	357.0	328.4	296.9	269.2	242.2	214.6	186.8	158.6	130.6	107.0
65°	459.9	426.8	391.1	356.5	319.8	283.7	252.8	216.1	183.4	152.5	122.8
62.5°	544.3	501.0	462.2	418.8	375.7	333.3	289.8	248.4	208.4	173.8	140.5
60°	639.8	592.5	537.8	489.3	437.4	385.3	333.6	279.7	236.0	194.6	158.5
57.5°	745.0	689.3	630.8	566.6	505.7	444.1	377.4	315.4	262.7	217.2	175.9
55°	854.8	792.2	726.3	655.7	580.4	509.3	423.4	351.9	289.6	239.6	192.0
52.5°	977.9	903.0	827.0	747.4	664.5	572.6	474.5	386.4	319.7	260.9	209.1
50°	1119.6	1026.1	935.8	844.3	749.7	639.2	522.2	427.6	348.0	282.4	225.4
47.5°	1281.4	1167.8	1055.9	946.1	841.5	701.0	574.8	466.9	374.4	305.4	240.6
45°	1448.9	1323.7	1188.2	1061.2	916.1	763.6	626.0	503.1	406.3	325.5	254.6
42.5°	1617.0	1481.6	1336.1	1177.3	992.7	823.0	672.7	543.8	435.7	343.8	269.3
40°	1803.7	1638.9	1483.6	1285.1	1062.3	876.9	720.9	582.0	462.1	362.4	284.0
37.5°	1981.8	1799.6	1628.8	1367.4	1125.9	932.1	764.8	616.1	486.3	382.4	297.3
35°	2148.0	1955.3	1702.0	1434.4	1189.1	978.9	803.7	648.3	512.0	400.0	309.3
32.5°	2299.6	2055.0	1758.1	1486.6	1239.2	1017.1	839.0	677.0	533.9	415.3	319.9
30°	2402.9	2092.3	1796.6	1524.4	1276.5	1054.0	867.8	700.7	552.2	428.1	329.7
27.5°	2408.4	2109.7	1817.2	1547.9	1302.2	1081.1	889.7	719.6	566.8	440.0	339.9
25°	2389.6	2102.0	1820.2	1556.7	1315.9	1103.3	906.4	733.8	580.2	451.7	348.2
22.5°	2345.4	2075.0	1806.5	1550.8	1330.8	1118.6	920.3	745.9	591.1	460.4	354.7
20°	2289.6	2031.0	1783.4	1556.5	1338.3	1128.4	930.7	753.8	598.1	466.4	359.4
17.5°	2221.2	1996.1	1779.5	1555.5	1338.3	1131.3	935.4	757.4	601.4	469.6	362.4
15°	2189.8	1982.4	1767.9	1547.2	1331.0	1127.5	934.6	756.9	601.2	470.3	364.4
12.5°	2164.6	1960.9	1749.0	1531.7	1316.5	1117.3	928.4	752.4	597.6	470.3	365.9
10°	2132.6	1931.6	1722.8	1509.1	1295.2	1101.0	917.1	745.6	595.8	469.5	366.0
7.5°	2093.7	1894.4	1689.3	1479.5	1269.6	1082.8	905.6	737.9	592.0	466.7	364.7
5°	2048.5	1853.5	1653.4	1451.1	1250.1	1063.5	890.3	726.6	585.7	462.1	362.2
2.5°	1999.7	1811.2	1613.2	1416.8	1225.4	1039.4	870.9	712.0	577.0	455.7	358.4
0°	1943.0	1761.8	1566.2	1376.0	1195.7	1011.0	847.7	694.3	566.0	447.6	353.4
-2.5°	1893.2	1707.4	1515.6	1331.8	1152.4	976.9	822.4	676.5	553.8	439.7	348.2
-5°	1835.3	1646.0	1459.0	1281.9	1104.6	939.3	794.1	656.4	539.7	430.4	342.0
-7.5°	1750.2	1571.0	1394.6	1225.8	1052.8	898.6	763.2	634.3	523.8	419.8	334.8
-10°	1654.4	1486.0	1321.6	1162.5	1002.5	858.6	730.5	610.4	506.4	408.0	326.8
-12.5°	1553.0	1396.5	1244.6	1096.1	950.6	819.0	699.2	587.0	487.8	395.2	318.0
-15°	1447.0	1303.2	1164.2	1027.5	897.0	777.5	666.4	563.1	469.5	382.0	308.5
-17.5°	1339.0	1206.8	1080.9	957.3	842.3	734.4	632.5	538.0	450.2	368.9	298.9
-20°	1240.5	1116.8	996.1	886.2	787.2	690.0	597.8	511.9	430.0	355.1	289.3



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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°	1142.2	1033.7	924.7	820.2	733.0	644.6	562.6	484.9	409.2	340.6	278.9
-25°	1044.4	951.1	855.1	765.3	680.6	602.5	528.6	457.3	387.8	325.6	268.0
-27.5°	952.2	870.6	785.1	710.4	634.8	561.0	495.9	431.1	367.1	310.3	256.4
-30°	864.2	793.7	722.3	656.6	589.5	524.9	463.0	405.0	348.2	295.4	244.3
-32.5°	783.0	717.8	662.4	606.6	547.8	489.1	432.6	379.0	329.2	280.6	233.1
-35°	707.5	652.9	604.2	558.3	507.6	456.5	404.7	353.3	310.3	265.3	221.9
-37.5°	635.6	595.4	553.8	512.9	467.6	424.6	378.5	332.1	291.4	249.7	210.5
-40°	576.5	542.2	507.4	470.0	432.1	393.4	352.2	311.9	273.0	233.7	199.0
-42.5°	520.1	493.5	463.5	428.2	399.2	364.5	326.2	291.4	255.2	219.3	187.3
-45°	470.0	447.4	421.9	395.4	367.6	336.0	303.4	270.8	237.3	205.7	175.9
-47.5°	422.8	406.0	385.2	363.1	337.4	308.5	280.3	251.1	219.5	192.1	165.1
-50°	383.0	368.6	351.9	331.8	307.9	283.4	257.6	231.4	204.5	178.8	154.0
-52.5°	348.5	334.7	319.7	301.2	280.9	258.2	236.6	212.2	189.3	165.8	142.7
-55°	316.1	302.5	288.8	273.0	254.8	235.8	215.9	195.1	173.8	152.9	131.5
-57.5°	285.4	272.2	260.5	246.3	231.0	214.4	196.5	177.8	159.0	139.8	121.4
-60°	256.0	245.3	233.7	222.0	208.6	193.6	177.5	160.8	144.2	126.9	111.2
-62.5°	228.9	219.3	209.7	199.0	186.7	173.2	158.7	144.5	129.3	115.3	100.9
-65°	203.5	195.5	186.4	176.4	165.2	153.3	141.1	128.1	115.8	103.5	90.5
-67.5°	179.2	171.8	163.0	153.7	144.9	134.9	123.5	113.1	102.7	91.6	80.3
-70°	155.5	148.3	140.9	133.9	125.9	116.8	107.7	98.7	89.4	80.2	70.0
-72.5°	132.7	127.0	121.1	114.7	107.8	100.3	92.3	84.4	77.0	68.8	59.6
-75°	110.5	106.1	101.5	96.3	90.3	83.8	77.6	71.2	64.6	57.3	50.4
-77.5°	89.1	85.8	82.1	78.3	73.7	68.8	63.5	58.0	52.7	47.3	41.6
-80°	69.0	66.9	64.4	61.5	57.7	53.7	49.9	46.0	41.9	37.5	32.8
-82.5°	50.3	48.8	47.1	45.1	42.5	39.8	37.1	34.3	31.0	27.6	24.2
-85°	33.2	32.1	30.7	29.2	27.6	26.0	24.4	22.7	20.6	18.4	16.2
-87.5°	16.5	15.8	15.1	14.4	13.7	13.0	12.2	11.4	10.3	9.2	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	5.5	4.4	3.4	2.3	1.1	0.0
85°	13.0	11.0	8.9	6.7	4.5	2.2	0.0
82.5°	19.4	16.4	13.3	10.1	6.8	3.3	0.0
80°	26.5	21.8	17.7	13.4	9.0	4.4	0.0
77.5°	37.6	28.5	22.0	16.7	11.2	5.5	0.0
75°	48.6	37.4	26.8	20.0	13.4	6.6	0.0
72.5°	59.4	46.1	33.6	23.2	15.6	7.7	0.0
70°	70.4	54.7	40.3	26.7	17.7	8.7	0.0
67.5°	83.9	63.1	46.8	31.5	19.8	9.8	0.0
65°	96.9	72.4	53.2	36.1	21.9	10.8	0.0
62.5°	109.6	82.6	59.4	40.7	23.9	11.8	0.0
60°	121.8	92.4	65.4	45.1	25.9	12.7	0.0
57.5°	135.5	101.8	72.6	49.3	28.6	13.7	0.0
55°	148.9	110.8	79.6	53.5	31.3	14.6	0.0
52.5°	161.6	119.6	86.3	57.4	33.9	15.5	0.0
50°	173.5	129.4	92.7	61.3	36.5	16.4	0.0
47.5°	184.9	138.5	98.7	65.1	38.9	17.2	0.0
45°	196.8	147.0	104.4	69.3	41.2	18.0	0.0
42.5°	207.7	154.9	109.7	73.3	43.4	18.7	0.0
40°	217.7	162.1	115.1	77.1	45.5	19.4	0.0
37.5°	226.7	168.7	120.5	80.7	47.5	20.1	0.0
35°	234.7	175.3	125.4	84.1	49.4	20.8	0.0
32.5°	242.4	181.5	129.9	87.2	51.2	21.4	0.0
30°	250.6	186.9	133.9	90.1	52.8	21.9	0.0
27.5°	257.8	191.5	137.6	92.8	54.3	22.4	0.0
25°	263.8	195.5	141.0	95.2	55.7	22.9	0.0
22.5°	268.7	198.9	143.8	97.3	56.9	23.3	0.0
20°	272.5	202.3	146.2	99.2	58.0	23.7	0.0
17.5°	276.0	205.1	148.1	100.8	59.0	24.1	0.0
15°	278.8	207.3	149.6	102.2	59.8	24.4	0.0
12.5°	280.5	208.9	150.7	103.3	60.5	24.6	0.0
10°	281.2	209.9	151.3	104.1	61.1	24.8	0.0
7.5°	280.8	210.3	151.5	104.7	61.5	24.9	0.0
5°	279.6	210.2	151.3	105.1	61.8	25.0	0.0
2.5°	277.5	209.4	150.7	105.2	61.9	25.1	0.0
0°	274.5	208.1	149.8	105.0	61.9	25.1	0.0
-2.5°	271.4	206.1	149.1	104.5	61.8	25.1	0.0
-5°	267.5	203.6	148.0	103.8	61.5	25.1	0.0
-7.5°	262.9	200.7	146.6	102.8	61.0	25.1	0.0
-10°	257.6	197.2	144.9	101.7	60.5	24.9	0.0
-12.5°	251.7	193.3	142.8	100.2	59.8	24.8	0.0
-15°	245.2	189.0	140.4	98.6	59.0	24.6	0.0
-17.5°	238.1	184.4	137.7	96.8	58.1	24.3	0.0
-20°	230.8	179.4	134.7	94.7	57.0	24.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	223.4	174.2	131.4	92.5	55.9	23.7	0.0
-25°	215.6	168.9	127.8	90.0	54.6	23.3	0.0
-27.5°	207.4	163.4	123.9	87.4	53.2	22.8	0.0
-30°	198.8	157.6	119.7	84.6	51.7	22.3	0.0
-32.5°	189.9	151.5	115.5	81.7	50.1	21.8	0.0
-35°	181.6	145.0	111.0	78.5	48.5	21.2	0.0
-37.5°	173.4	138.5	106.2	75.3	46.7	20.6	0.0
-40°	164.8	132.2	101.3	71.9	44.9	19.9	0.0
-42.5°	156.0	125.8	96.4	68.3	42.9	19.2	0.0
-45°	146.9	119.1	91.5	64.7	40.9	18.4	0.0
-47.5°	137.6	112.3	86.4	60.9	38.8	17.6	0.0
-50°	129.1	105.3	81.2	57.5	36.7	16.8	0.0
-52.5°	120.6	98.1	75.8	54.2	34.4	15.9	0.0
-55°	111.9	91.1	70.3	50.7	32.2	15.0	0.0
-57.5°	103.1	84.1	64.6	47.2	29.8	14.1	0.0
-60°	94.3	76.9	58.9	43.6	27.4	13.1	0.0
-62.5°	85.6	69.6	54.0	39.9	25.4	12.1	0.0
-65°	76.8	62.1	49.0	36.1	23.3	11.1	0.0
-67.5°	67.8	55.2	43.9	32.3	21.1	10.1	0.0
-70°	58.8	48.9	38.8	28.4	18.9	9.0	0.0
-72.5°	51.0	42.5	33.6	24.8	16.6	7.9	0.0
-75°	43.4	36.0	28.3	21.4	14.3	6.8	0.0
-77.5°	35.6	29.4	23.6	17.9	12.0	5.7	0.0
-80°	27.8	23.4	18.9	14.3	9.6	4.6	0.0
-82.5°	20.8	17.6	14.2	10.8	7.2	3.4	0.0
-85°	13.9	11.7	9.5	7.2	4.8	2.3	0.0
-87.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)