

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: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558770 (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-935-U-WAF-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

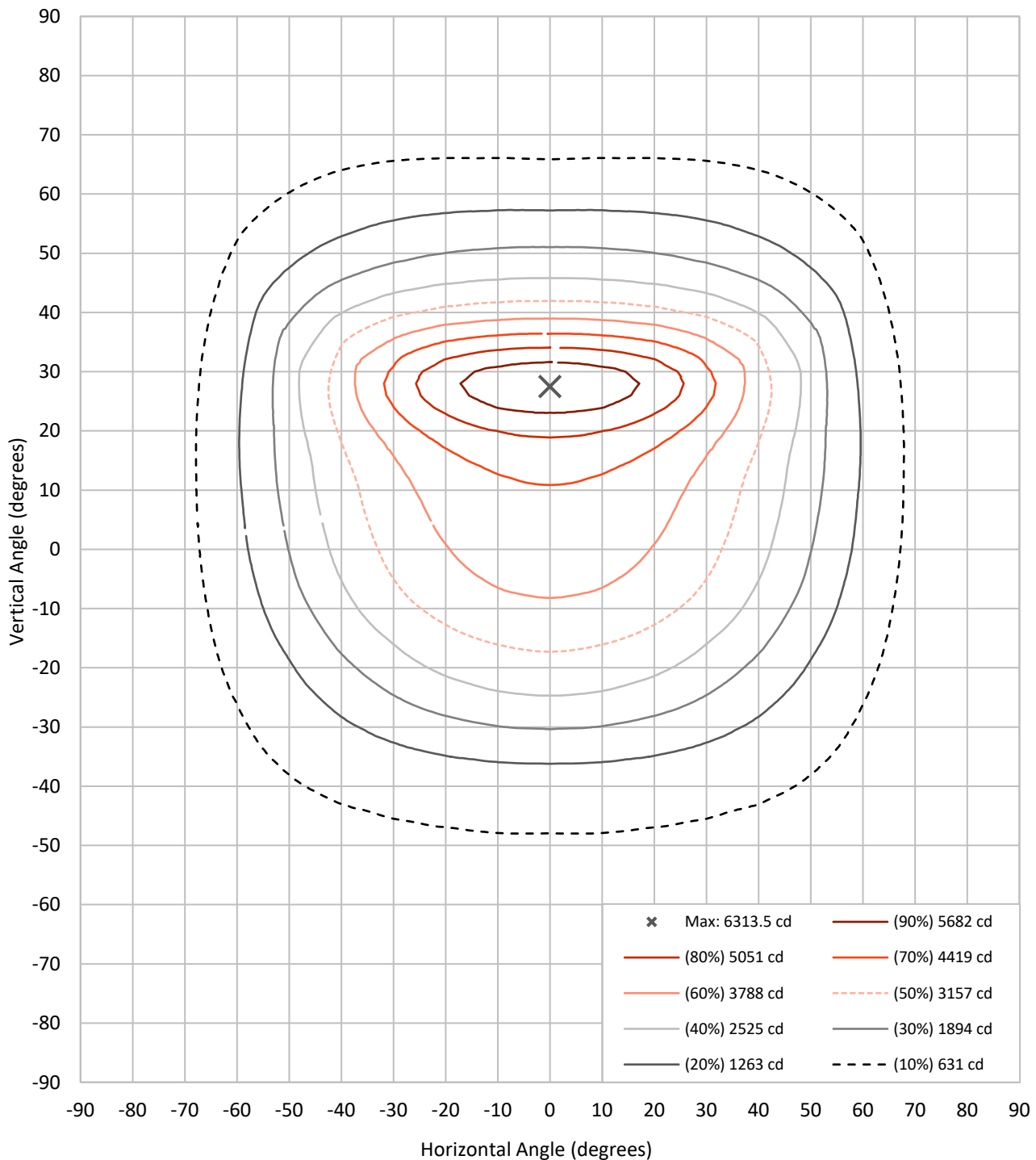
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9204 lumens	Max Intensity:	6313.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	101.1 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:	4773.6 lumens	Field Lumens:	8514.5 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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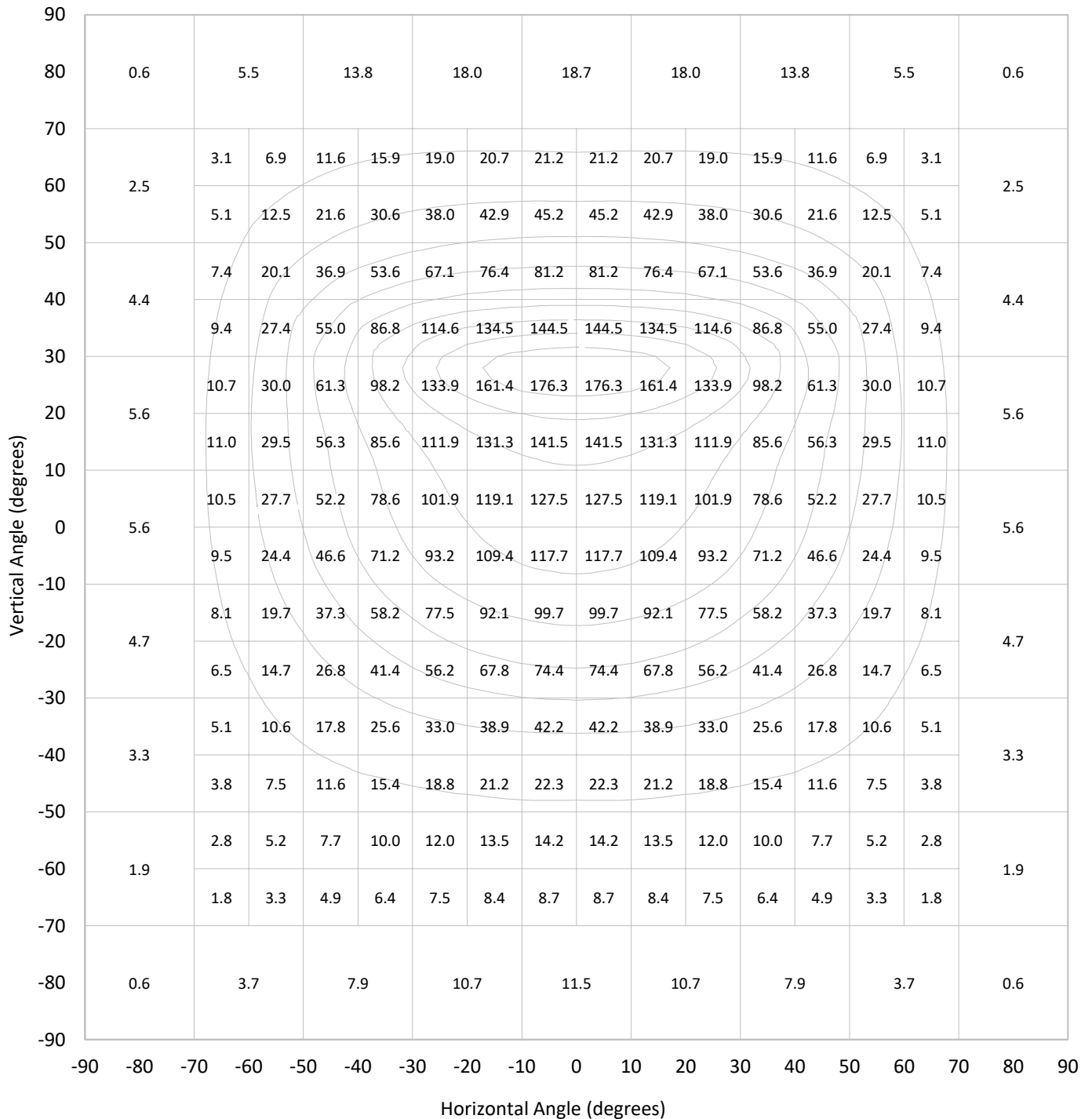
Iso-Candela Plot





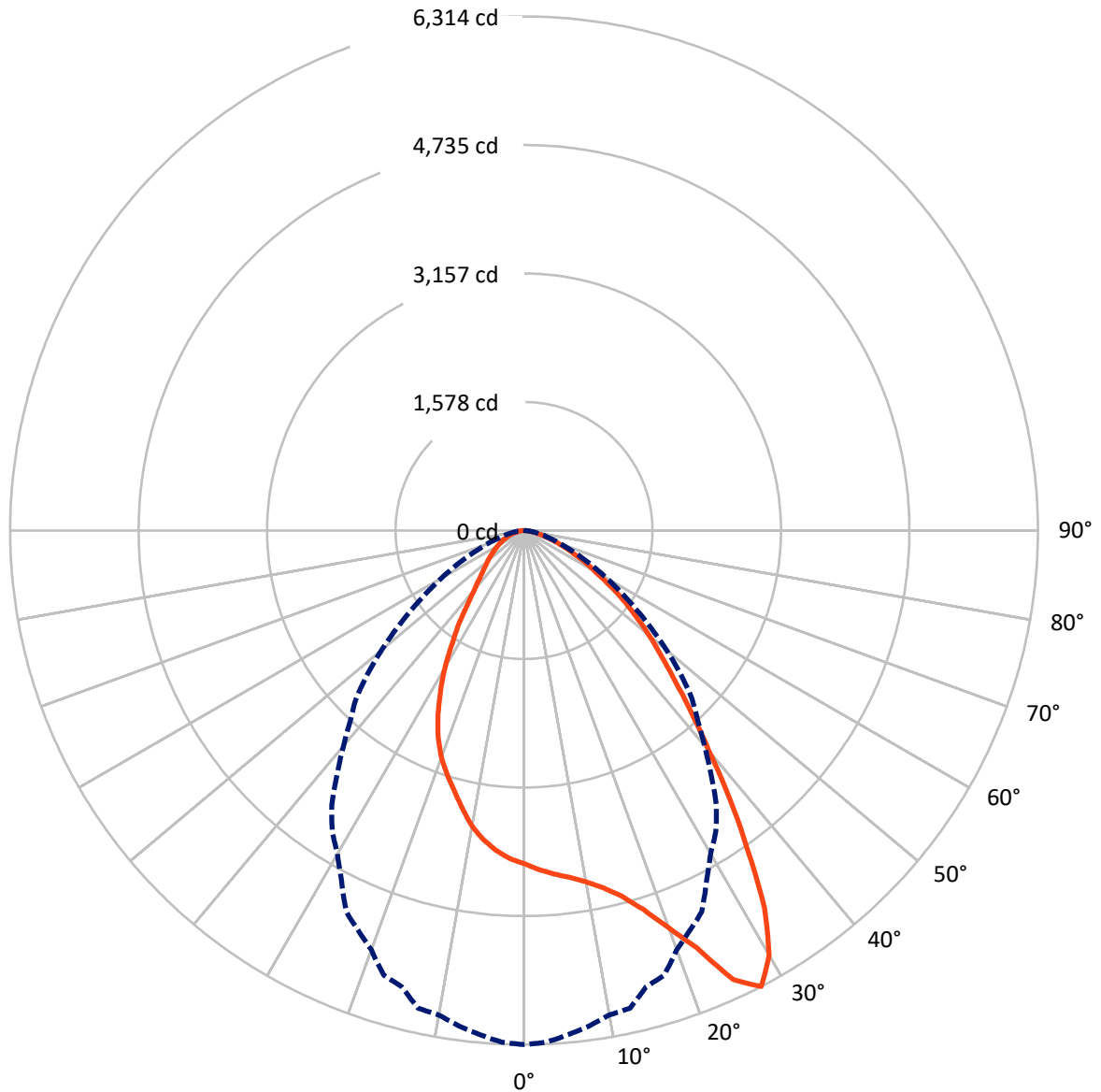
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Lumen Table



REPORT NUMBER: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
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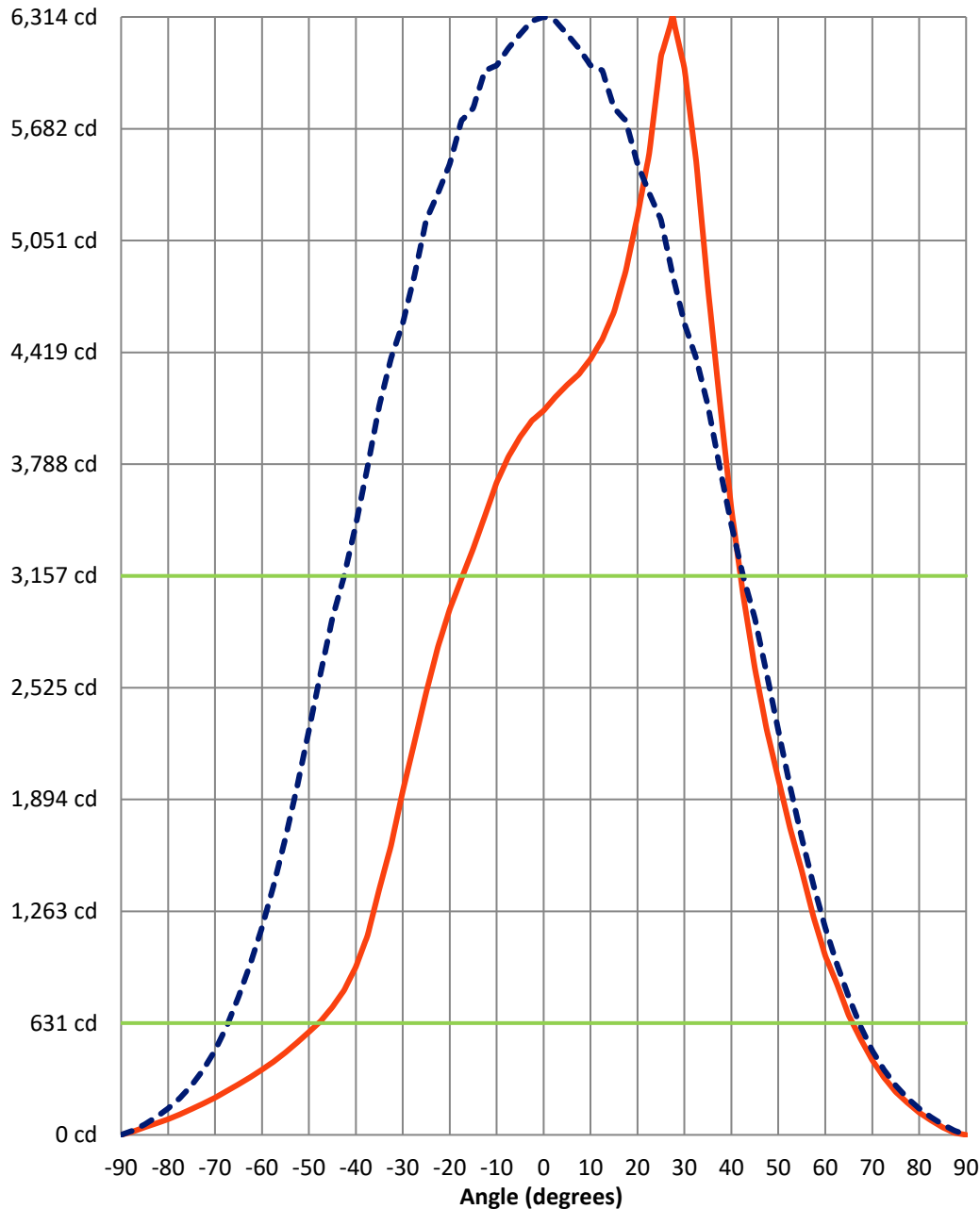
Luminous Intensity Polar Plot



— 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: 4773.6
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 8514.5
 Efficiency: 92.5%

Spill:
 Lumens: 689.5
 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	1.2	2.5	3.6	4.8	5.9	7.0	8.1	9.1	10.1	11.1
85°	0.0	2.4	4.9	7.3	9.6	11.9	14.1	16.2	18.2	20.2	22.1
82.5°	0.0	3.6	7.4	10.9	14.4	17.8	21.1	24.3	27.9	34.0	40.3
80°	0.0	4.8	9.8	14.5	19.2	23.7	28.7	36.6	44.9	53.6	62.6
77.5°	0.0	6.0	12.2	18.1	23.9	30.9	40.7	51.0	61.8	73.0	86.1
75°	0.0	7.2	14.6	21.7	29.1	40.5	52.6	65.3	78.9	96.2	113.8
72.5°	0.0	8.3	16.9	25.2	36.4	49.9	64.3	80.4	100.1	120.4	141.1
70°	0.0	9.5	19.2	29.0	43.6	59.2	76.2	98.3	120.9	144.2	171.5
67.5°	0.0	10.6	21.5	34.1	50.7	68.3	90.8	115.8	141.4	171.7	202.2
65°	0.0	11.7	23.7	39.2	57.6	78.4	104.9	132.9	165.1	198.5	234.0
62.5°	0.0	12.8	25.9	44.1	64.3	89.4	118.6	152.0	188.2	225.7	269.0
60°	0.0	13.8	28.0	48.8	70.8	100.0	131.8	171.6	210.7	255.6	302.8
57.5°	0.0	14.8	31.0	53.5	78.6	110.2	146.7	190.4	235.2	284.4	341.5
55°	0.0	15.8	34.0	57.9	86.2	120.0	161.2	207.8	259.3	313.5	381.1
52.5°	0.0	16.8	36.8	62.2	93.5	129.5	174.9	226.4	282.5	346.2	418.4
50°	0.0	17.7	39.5	66.3	100.4	140.0	187.8	244.0	305.8	376.8	463.0
47.5°	0.0	18.6	42.1	70.5	106.9	149.9	200.1	260.4	330.7	405.3	505.5
45°	0.0	19.5	44.7	75.1	113.1	159.1	213.0	275.6	352.3	439.8	544.7
42.5°	0.0	20.3	47.1	79.4	118.8	167.7	224.8	291.5	372.2	471.7	588.8
40°	0.0	21.1	49.3	83.5	124.7	175.5	235.6	307.4	392.3	500.3	630.1
37.5°	0.0	21.8	51.5	87.4	130.5	182.7	245.3	321.8	414.0	526.4	667.0
35°	0.0	22.5	53.5	91.1	135.8	189.8	254.0	334.8	433.1	554.2	701.9
32.5°	0.0	23.2	55.4	94.5	140.6	196.4	262.3	346.3	449.6	578.0	732.9
30°	0.0	23.8	57.2	97.6	144.9	202.3	271.3	357.0	463.5	597.8	758.7
27.5°	0.0	24.3	58.8	100.5	149.0	207.3	279.0	368.0	476.4	613.6	779.1
25°	0.0	24.8	60.3	103.0	152.6	211.6	285.6	377.0	489.0	628.1	794.5
22.5°	0.0	25.3	61.6	105.3	155.7	215.3	290.9	384.1	498.4	639.9	807.6
20°	0.0	25.7	62.8	107.4	158.3	218.9	295.1	389.1	504.9	647.5	816.1
17.5°	0.0	26.1	63.9	109.1	160.4	222.0	298.8	392.3	508.4	651.1	820.0
15°	0.0	26.4	64.8	110.6	162.0	224.3	301.8	394.5	509.1	650.8	819.5
12.5°	0.0	26.7	65.5	111.8	163.1	226.1	303.7	396.2	509.1	646.9	814.6
10°	0.0	26.9	66.1	112.7	163.8	227.2	304.4	396.3	508.3	645.0	807.2
7.5°	0.0	27.0	66.6	113.3	164.0	227.7	304.1	394.9	505.3	640.9	799.0
5°	0.0	27.1	66.9	113.7	163.8	227.5	302.7	392.1	500.2	634.1	786.7
2.5°	0.0	27.2	67.0	113.8	163.2	226.7	300.4	388.0	493.3	624.7	770.8
0°	0.0	27.2	67.0	113.6	162.2	225.3	297.2	382.6	484.6	612.8	751.7
-2.5°	0.0	27.2	66.8	113.1	161.4	223.2	293.8	377.0	476.0	599.6	732.5
-5°	0.0	27.2	66.5	112.3	160.3	220.5	289.6	370.3	466.0	584.3	710.7
-7.5°	0.0	27.2	66.1	111.3	158.7	217.2	284.6	362.5	454.5	567.1	686.8
-10°	0.0	27.0	65.5	110.0	156.9	213.5	278.9	353.8	441.8	548.2	660.9
-12.5°	0.0	26.9	64.7	108.5	154.6	209.3	272.4	344.3	427.9	528.1	635.6
-15°	0.0	26.6	63.9	106.7	152.0	204.6	265.4	334.0	413.7	508.3	609.7
-17.5°	0.0	26.4	62.9	104.7	149.1	199.6	257.7	323.6	399.4	487.4	582.5
-20°	0.0	26.0	61.7	102.5	145.8	194.3	249.8	313.2	384.4	465.6	554.1



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 CATALOG NUMBER: GFLD-SA3B-935-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	25.6	60.5	100.1	142.3	188.6	241.8	301.9	368.8	443.0	524.9
-25°	0.0	25.2	59.1	97.4	138.4	182.9	233.3	290.1	352.6	419.9	495.1
-27.5°	0.0	24.7	57.6	94.6	134.1	176.9	224.5	277.5	335.9	397.4	466.7
-30°	0.0	24.2	56.0	91.6	129.6	170.6	215.2	264.5	319.8	377.0	438.5
-32.5°	0.0	23.6	54.3	88.4	125.0	164.0	205.6	252.2	303.7	356.4	410.3
-35°	0.0	23.0	52.5	85.0	120.1	157.0	196.6	240.2	287.2	335.9	382.5
-37.5°	0.0	22.3	50.6	81.5	115.0	150.0	187.7	227.9	270.2	315.4	359.5
-40°	0.0	21.5	48.6	77.8	109.6	143.2	178.4	215.4	252.9	295.5	337.7
-42.5°	0.0	20.8	46.5	74.0	104.3	136.2	168.9	202.7	237.3	276.2	315.5
-45°	0.0	20.0	44.3	70.0	99.1	129.0	159.1	190.4	222.6	256.9	293.1
-47.5°	0.0	19.1	42.0	65.9	93.6	121.5	149.0	178.7	208.0	237.6	271.8
-50°	0.0	18.2	39.7	62.3	87.9	113.9	139.8	166.7	193.5	221.4	250.6
-52.5°	0.0	17.3	37.3	58.7	82.1	106.2	130.6	154.5	179.5	204.9	229.7
-55°	0.0	16.3	34.8	54.9	76.1	98.7	121.2	142.3	165.6	188.1	211.2
-57.5°	0.0	15.3	32.3	51.1	70.0	91.1	111.7	131.5	151.4	172.1	192.5
-60°	0.0	14.2	29.7	47.2	63.8	83.3	102.1	120.4	137.4	156.1	174.1
-62.5°	0.0	13.2	27.5	43.2	58.5	75.4	92.7	109.3	124.8	140.0	156.4
-65°	0.0	12.0	25.2	39.1	53.1	67.3	83.2	98.0	112.1	125.4	138.7
-67.5°	0.0	10.9	22.8	34.9	47.6	59.8	73.5	87.0	99.2	111.2	122.4
-70°	0.0	9.8	20.4	30.7	42.0	53.0	63.7	75.8	86.8	96.8	106.8
-72.5°	0.0	8.6	18.0	26.9	36.4	46.0	55.3	64.6	74.5	83.4	91.3
-75°	0.0	7.4	15.5	23.1	30.7	39.0	47.0	54.6	62.1	70.0	77.1
-77.5°	0.0	6.2	13.0	19.3	25.5	31.9	38.6	45.1	51.3	57.0	62.8
-80°	0.0	5.0	10.4	15.5	20.5	25.3	30.1	35.5	40.6	45.3	49.7
-82.5°	0.0	3.7	7.8	11.7	15.4	19.0	22.5	26.2	29.8	33.6	37.1
-85°	0.0	2.5	5.2	7.8	10.3	12.7	15.0	17.5	19.9	22.2	24.6
-87.5°	0.0	1.2	2.6	3.9	5.1	6.4	7.5	8.7	9.9	11.1	12.3
-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: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	11.6	12.1	12.5	12.8	13.3	13.7	14.1	14.4	14.7	14.9	15.1
85°	23.3	24.3	27.1	29.9	32.7	35.3	37.7	39.7	41.4	42.7	43.7
82.5°	45.5	50.4	55.0	59.4	63.3	66.9	70.3	74.2	77.4	80.0	82.1
80°	69.9	76.5	84.6	92.2	99.0	105.3	111.0	116.1	120.1	124.1	128.0
77.5°	98.2	109.0	119.0	128.2	137.2	147.6	157.3	166.1	172.9	178.1	182.0
75°	128.7	141.5	156.1	170.5	184.1	196.7	208.8	223.6	235.7	244.7	252.0
72.5°	161.3	179.6	197.5	214.8	234.8	254.2	273.0	291.2	307.2	318.9	328.4
70°	196.4	217.7	242.4	267.4	291.4	315.7	341.7	365.3	384.9	398.8	411.9
67.5°	232.3	262.3	291.5	321.5	355.5	386.5	414.8	444.8	471.1	488.5	503.7
65°	273.7	307.2	346.2	386.0	423.4	462.1	497.9	530.4	563.6	587.8	607.6
62.5°	313.8	360.9	406.8	453.4	500.4	542.5	589.2	631.0	664.4	699.0	728.6
60°	361.2	417.2	473.6	529.8	582.3	641.4	692.7	741.2	785.9	824.5	860.9
57.5°	408.6	480.8	547.6	613.5	683.0	746.2	806.5	860.8	914.3	958.9	1002.7
55°	458.4	551.4	628.4	709.9	786.3	857.7	925.5	993.5	1050.5	1112.0	1165.5
52.5°	513.7	619.9	719.5	809.1	895.3	977.7	1058.7	1140.6	1220.6	1284.4	1344.9
50°	565.4	692.0	811.7	914.1	1013.1	1110.9	1212.2	1314.6	1402.8	1475.7	1538.6
47.5°	622.3	759.0	911.1	1024.3	1143.1	1264.3	1387.3	1500.4	1596.4	1695.7	1765.2
45°	677.7	826.8	991.8	1148.9	1286.4	1433.2	1568.6	1693.3	1832.6	1940.9	2033.8
42.5°	728.4	891.0	1074.7	1274.6	1446.5	1604.0	1750.6	1926.1	2086.1	2212.7	2328.6
40°	780.5	949.4	1150.0	1391.4	1606.2	1774.3	1952.8	2146.7	2354.9	2510.7	2649.3
37.5°	828.1	1009.2	1219.0	1480.5	1763.4	1948.3	2145.6	2356.0	2593.3	2827.7	2994.3
35°	870.2	1059.8	1287.4	1553.0	1842.6	2116.8	2325.5	2549.6	2809.4	3113.5	3340.9
32.5°	908.4	1101.1	1341.6	1609.5	1903.4	2224.8	2489.6	2719.7	2980.3	3294.1	3680.4
30°	939.6	1141.1	1382.1	1650.4	1945.1	2265.2	2601.5	2852.2	3099.5	3407.5	3767.0
27.5°	963.2	1170.5	1409.9	1675.9	1967.4	2284.0	2607.5	2916.7	3156.1	3445.9	3772.8
25°	981.3	1194.5	1424.7	1685.3	1970.6	2275.8	2587.0	2879.7	3148.4	3403.9	3697.3
22.5°	996.3	1211.1	1440.8	1678.9	1955.8	2246.5	2539.2	2818.2	3078.3	3317.6	3569.8
20°	1007.6	1221.7	1449.0	1685.2	1930.8	2198.9	2478.8	2744.3	2995.6	3227.2	3432.6
17.5°	1012.7	1224.8	1448.9	1684.0	1926.6	2161.1	2404.8	2660.0	2907.1	3137.2	3340.1
15°	1011.8	1220.7	1441.0	1675.0	1914.0	2146.3	2370.8	2581.4	2811.4	3044.0	3246.2
12.5°	1005.1	1209.7	1425.3	1658.3	1893.5	2123.0	2343.5	2554.9	2761.1	2956.0	3149.3
10°	992.9	1192.0	1402.2	1633.8	1865.1	2091.2	2308.9	2521.0	2725.1	2916.4	3096.4
7.5°	980.4	1172.3	1374.5	1601.7	1828.9	2051.0	2266.7	2479.2	2679.4	2870.3	3052.0
5°	963.8	1151.3	1353.4	1571.0	1790.0	2006.7	2217.8	2429.3	2624.1	2816.7	2999.2
2.5°	942.8	1125.3	1326.8	1533.9	1746.5	1961.0	2164.9	2372.4	2572.2	2757.3	2937.1
0°	917.7	1094.5	1294.6	1489.8	1695.6	1907.4	2103.5	2306.5	2514.3	2689.1	2864.9
-2.5°	890.4	1057.6	1247.7	1441.9	1640.8	1848.5	2049.6	2242.1	2445.3	2621.9	2801.5
-5°	859.8	1016.9	1195.9	1387.9	1579.6	1782.0	1986.9	2169.9	2364.0	2538.7	2715.3
-7.5°	826.3	972.9	1139.8	1327.2	1509.9	1700.7	1894.8	2070.9	2259.6	2432.4	2604.4
-10°	790.9	929.5	1085.3	1258.6	1430.8	1608.8	1791.1	1963.4	2144.9	2317.0	2482.5
-12.5°	757.1	886.8	1029.1	1186.7	1347.5	1511.9	1681.4	1847.8	2019.9	2192.9	2347.6
-15°	721.6	841.8	971.1	1112.4	1260.4	1410.9	1566.5	1724.0	1885.6	2054.8	2197.7
-17.5°	684.8	795.1	911.9	1036.4	1170.3	1306.5	1449.6	1601.6	1749.5	1903.6	2041.9
-20°	647.2	747.0	852.2	959.5	1078.4	1209.1	1342.9	1479.3	1613.7	1747.9	1877.8



REPORT NUMBER: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	609.1	697.9	793.6	888.0	1001.1	1119.1	1236.6	1355.0	1475.5	1591.1	1713.9
-25°	572.3	652.3	736.9	828.6	925.7	1029.7	1130.7	1230.7	1337.6	1446.0	1551.7
-27.5°	536.8	607.4	687.2	769.1	850.0	942.5	1030.9	1115.7	1209.0	1304.6	1389.9
-30°	501.2	568.3	638.2	710.8	782.0	859.3	935.6	1010.0	1086.0	1167.9	1241.9
-32.5°	468.3	529.5	593.1	656.7	717.2	777.1	847.7	913.8	976.0	1034.3	1098.8
-35°	438.2	494.2	549.5	604.4	654.2	706.9	765.9	821.6	871.5	918.3	967.7
-37.5°	409.7	459.7	506.2	555.3	599.5	644.7	688.1	736.3	776.8	814.2	854.6
-40°	381.2	425.9	467.8	508.8	549.3	587.0	624.1	656.9	689.5	725.4	753.2
-42.5°	353.2	394.6	432.2	463.6	501.8	534.3	563.1	590.3	616.9	645.0	667.3
-45°	328.4	363.7	398.0	428.1	456.7	484.4	508.8	530.2	555.4	574.9	591.7
-47.5°	303.4	334.0	365.3	393.1	417.1	439.5	457.7	479.1	499.8	516.5	526.3
-50°	278.8	306.8	333.2	359.2	380.9	399.0	414.6	432.3	449.5	463.6	473.0
-52.5°	256.1	279.5	304.0	326.1	346.1	362.3	377.3	392.6	405.2	414.9	427.2
-55°	233.7	255.3	275.8	295.5	312.6	327.5	342.1	355.8	366.6	375.0	385.1
-57.5°	212.7	232.1	250.0	266.6	282.0	294.7	309.0	320.6	330.7	338.5	349.0
-60°	192.2	209.6	225.9	240.3	252.9	265.5	277.1	287.8	296.5	304.3	313.9
-62.5°	171.8	187.5	202.2	215.5	226.9	237.3	247.8	256.9	264.3	272.3	280.3
-65°	152.7	166.0	178.8	190.9	201.8	211.7	220.3	227.7	234.6	241.7	248.1
-67.5°	133.7	146.0	156.8	166.4	176.4	186.1	194.1	200.9	206.6	212.5	217.8
-70°	116.6	126.5	136.3	145.0	152.6	160.6	168.4	174.8	179.9	184.5	188.9
-72.5°	99.9	108.6	116.7	124.2	131.1	137.5	143.7	149.5	154.3	157.9	161.0
-75°	84.0	90.7	97.7	104.3	109.9	114.9	119.6	124.3	128.2	131.2	133.8
-77.5°	68.7	74.4	79.8	84.8	88.9	92.8	96.5	99.9	102.9	105.2	106.9
-80°	54.0	58.1	62.5	66.6	69.7	72.4	74.7	76.7	78.9	81.2	83.1
-82.5°	40.2	43.1	46.0	48.8	51.0	52.9	54.5	56.0	57.6	59.1	60.4
-85°	26.4	28.1	29.9	31.6	33.3	34.7	36.0	37.1	37.9	38.7	39.3
-87.5°	13.2	14.1	14.9	15.6	16.4	17.2	17.9	18.5	19.0	19.3	19.7
-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: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.2	15.2	15.2	15.1	15.0	14.3	13.7	13.0	12.2	12.5	12.9
85°	44.5	44.7	44.5	44.1	43.4	43.3	43.2	42.9	42.5	43.2	43.7
82.5°	83.8	84.4	84.5	84.1	83.2	83.6	83.8	83.6	83.1	83.7	84.1
80°	131.0	132.2	132.3	131.4	129.6	129.8	130.0	129.6	128.7	129.0	128.9
77.5°	186.5	189.4	190.4	190.0	188.3	187.7	186.5	183.9	180.2	180.1	180.2
75°	257.5	260.4	262.0	261.9	260.1	259.0	257.4	254.5	250.3	250.1	250.2
72.5°	335.8	340.1	342.0	343.7	343.7	343.1	341.0	336.6	330.2	329.5	330.2
70°	422.2	429.5	434.1	437.6	440.4	441.0	439.6	436.1	430.5	429.0	428.6
67.5°	518.5	530.1	538.9	544.7	550.2	554.2	555.7	554.1	549.6	548.1	548.7
65°	626.3	644.3	659.1	670.2	677.6	682.9	687.5	690.2	690.9	692.5	694.6
62.5°	752.4	774.5	795.1	809.1	816.3	821.4	836.2	844.7	847.2	847.7	850.9
60°	893.1	921.0	946.7	967.4	984.1	996.7	1009.3	1017.6	1020.7	1021.3	1025.8
57.5°	1047.1	1082.0	1112.2	1144.1	1166.4	1179.3	1196.2	1213.5	1222.6	1225.1	1235.8
55°	1217.3	1265.1	1304.1	1338.3	1369.5	1396.9	1420.0	1437.9	1451.1	1459.0	1473.2
52.5°	1405.6	1461.7	1502.5	1542.7	1587.3	1618.8	1639.4	1672.5	1696.4	1709.6	1726.5
50°	1612.3	1674.8	1730.4	1772.5	1824.5	1867.5	1898.9	1930.2	1952.1	1964.7	1981.0
47.5°	1847.7	1924.6	1989.2	2028.2	2088.5	2139.2	2159.6	2183.3	2224.6	2244.4	2261.8
45°	2112.7	2210.8	2282.5	2343.6	2395.5	2452.3	2489.5	2516.3	2557.0	2577.5	2590.3
42.5°	2427.9	2537.1	2631.6	2704.9	2748.5	2822.2	2876.0	2891.1	2948.7	2987.8	2999.3
40°	2781.5	2902.6	3027.2	3110.8	3181.0	3255.8	3344.5	3393.8	3442.5	3480.9	3489.5
37.5°	3149.9	3312.0	3454.2	3562.2	3678.2	3788.6	3882.6	3933.9	3965.8	4039.1	4066.4
35°	3524.5	3691.8	3891.0	4058.7	4199.3	4335.6	4442.9	4527.3	4607.7	4673.7	4713.2
32.5°	3843.5	4023.5	4269.5	4520.6	4672.4	4820.0	4996.1	5092.7	5200.1	5287.0	5350.5
30°	4105.6	4276.7	4500.7	4815.8	5023.6	5173.2	5396.1	5529.7	5646.6	5793.9	5845.2
27.5°	4118.0	4385.5	4583.6	4854.9	5166.8	5318.7	5483.6	5726.5	5800.1	6010.2	6040.5
25°	4009.9	4290.8	4494.3	4720.8	4980.1	5164.9	5315.6	5517.5	5623.2	5758.3	5862.1
22.5°	3840.8	4088.4	4296.0	4488.0	4690.4	4858.6	4996.4	5138.3	5254.3	5359.2	5456.6
20°	3654.1	3889.1	4086.0	4251.1	4411.5	4567.5	4691.4	4810.6	4910.9	5000.9	5056.3
17.5°	3522.7	3691.7	3892.8	4062.0	4201.1	4323.5	4451.7	4551.4	4639.5	4720.5	4771.1
15°	3432.9	3593.6	3736.8	3892.1	4038.6	4155.3	4251.8	4354.8	4430.8	4500.5	4555.4
12.5°	3339.7	3505.3	3655.2	3784.5	3899.2	4026.7	4129.8	4210.8	4290.6	4345.4	4401.7
10°	3261.9	3416.8	3572.3	3708.9	3829.5	3934.6	4032.2	4123.0	4194.6	4256.0	4300.5
7.5°	3216.7	3368.7	3508.4	3639.4	3757.0	3868.9	3969.7	4052.9	4123.9	4187.5	4233.9
5°	3164.3	3314.7	3454.3	3588.1	3701.1	3808.6	3908.9	3994.6	4068.1	4124.7	4169.2
2.5°	3104.3	3252.7	3391.8	3527.9	3640.9	3744.5	3839.5	3923.0	3999.5	4053.5	4091.4
0°	3035.8	3184.4	3320.4	3448.6	3562.2	3673.9	3761.3	3845.8	3920.6	3974.0	4011.8
-2.5°	2966.8	3114.5	3255.2	3378.1	3490.8	3593.9	3687.0	3766.8	3838.2	3891.4	3924.6
-5°	2875.1	3021.9	3160.7	3284.5	3402.3	3505.8	3596.3	3677.4	3746.3	3804.3	3849.3
-7.5°	2764.0	2912.4	3051.2	3177.6	3294.8	3392.6	3479.5	3561.2	3634.7	3698.0	3753.5
-10°	2641.8	2788.6	2919.7	3038.1	3147.4	3246.8	3339.2	3420.0	3487.3	3549.3	3596.1
-12.5°	2499.6	2635.5	2763.7	2880.5	2987.3	3086.8	3174.7	3251.6	3319.4	3374.4	3416.5
-15°	2342.7	2471.6	2593.1	2712.4	2824.2	2922.3	2999.6	3080.7	3139.4	3192.7	3230.7
-17.5°	2174.7	2299.5	2427.2	2546.8	2650.0	2746.8	2831.8	2905.9	2967.6	3016.5	3059.2
-20°	2004.6	2131.6	2254.5	2368.5	2467.8	2557.5	2643.6	2714.8	2778.0	2831.2	2881.4



REPORT NUMBER: P558770 (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°	1833.6	1950.1	2065.5	2177.0	2270.9	2355.7	2431.1	2499.2	2555.0	2617.7	2662.0
-25°	1658.0	1760.2	1864.4	1962.8	2051.6	2134.9	2203.3	2263.0	2321.1	2381.7	2424.9
-27.5°	1481.6	1571.9	1656.5	1743.6	1821.4	1893.6	1957.0	2009.3	2065.7	2106.1	2153.6
-30°	1307.1	1389.0	1459.6	1520.2	1593.3	1655.3	1704.7	1756.6	1803.2	1841.8	1881.8
-32.5°	1159.4	1215.3	1271.7	1322.4	1371.1	1422.0	1461.8	1507.1	1539.0	1572.3	1604.6
-35°	1017.4	1060.5	1097.9	1145.3	1181.8	1209.5	1242.7	1275.9	1288.7	1324.9	1344.2
-37.5°	888.7	917.1	952.0	985.0	1012.1	1032.8	1062.3	1079.7	1088.9	1112.3	1124.9
-40°	778.7	796.5	829.2	851.7	868.0	883.1	907.6	918.9	931.4	943.1	943.4
-42.5°	681.9	704.9	727.0	744.7	755.0	772.1	783.7	785.0	801.2	811.5	813.1
-45°	602.7	626.1	643.5	656.6	666.9	681.6	689.0	693.2	706.4	713.5	716.5
-47.5°	541.9	558.2	573.4	583.4	596.9	607.8	613.2	620.2	630.3	636.8	641.4
-50°	488.3	501.3	512.9	522.1	535.5	545.2	550.4	559.0	566.6	571.2	574.8
-52.5°	441.3	452.9	460.9	469.8	481.0	489.6	496.3	504.7	511.0	515.1	518.4
-55°	397.3	408.2	415.9	425.7	433.6	439.4	445.1	453.4	459.6	463.8	466.6
-57.5°	358.5	366.6	374.3	383.1	390.7	396.9	402.0	406.6	410.7	414.1	416.8
-60°	322.1	328.7	335.7	342.7	348.4	352.9	358.3	362.5	365.1	366.8	369.0
-62.5°	287.1	293.0	299.2	304.8	309.4	313.2	317.6	321.0	323.5	325.2	326.5
-65°	253.8	258.9	264.2	268.8	272.8	276.1	279.2	281.6	283.3	284.8	285.9
-67.5°	222.7	226.8	230.4	233.7	236.6	239.4	242.1	244.0	245.0	246.2	247.4
-70°	192.7	195.9	198.4	200.3	202.0	204.3	206.9	208.7	209.7	210.9	212.0
-72.5°	163.7	166.0	168.0	169.6	170.6	172.0	173.8	175.3	176.4	177.3	177.7
-75°	135.7	137.6	139.4	140.7	141.4	142.4	143.3	143.8	143.9	144.3	144.6
-77.5°	108.4	110.3	112.0	113.1	113.8	114.7	115.3	115.7	115.8	115.8	115.6
-80°	84.6	85.9	87.0	87.8	88.4	89.0	89.3	89.4	89.2	89.4	89.4
-82.5°	61.5	62.6	63.6	64.3	64.8	65.4	65.9	66.2	66.4	66.5	66.4
-85°	39.8	40.4	40.8	41.3	41.7	42.0	42.1	42.1	42.1	42.1	42.0
-87.5°	19.9	19.7	19.4	19.0	18.5	18.6	18.7	18.7	18.7	18.9	19.1
-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):

	-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°	13.2	13.5	12.6	11.7	12.6	13.5	13.2	12.9	12.5	12.2	13.0
85°	44.2	44.5	43.6	42.7	43.6	44.5	44.2	43.7	43.2	42.5	42.9
82.5°	84.2	84.1	83.4	82.5	83.4	84.1	84.2	84.1	83.7	83.1	83.6
80°	128.4	127.6	127.1	126.3	127.1	127.6	128.4	128.9	129.0	128.7	129.6
77.5°	179.8	178.8	180.4	181.6	180.4	178.8	179.8	180.2	180.1	180.2	183.9
75°	249.2	247.3	245.4	242.8	245.4	247.3	249.2	250.2	250.1	250.3	254.5
72.5°	329.9	328.4	326.9	324.4	326.9	328.4	329.9	330.2	329.5	330.2	336.6
70°	426.0	421.5	422.2	422.5	422.2	421.5	426.0	428.6	429.0	430.5	436.1
67.5°	546.9	542.8	543.4	542.9	543.4	542.8	546.9	548.7	548.1	549.6	554.1
65°	693.3	688.7	683.2	675.0	683.2	688.7	693.3	694.6	692.5	690.9	690.2
62.5°	850.5	846.5	848.8	850.7	848.8	846.5	850.5	850.9	847.7	847.2	844.7
60°	1025.1	1019.4	1016.5	1011.9	1016.5	1019.4	1025.1	1025.8	1021.3	1020.7	1017.6
57.5°	1240.7	1239.7	1237.2	1230.5	1237.2	1239.7	1240.7	1235.8	1225.1	1222.6	1213.5
55°	1479.8	1478.5	1484.0	1490.7	1484.0	1478.5	1479.8	1473.2	1459.0	1451.1	1437.9
52.5°	1738.9	1743.2	1741.7	1732.5	1741.7	1743.2	1738.9	1726.5	1709.6	1696.4	1672.5
50°	1995.3	2000.2	2005.5	2010.3	2005.5	2000.2	1995.3	1981.0	1964.7	1952.1	1930.2
47.5°	2286.0	2298.9	2301.2	2291.9	2301.2	2298.9	2286.0	2261.8	2244.4	2224.6	2183.3
45°	2616.1	2623.9	2627.9	2635.7	2627.9	2623.9	2616.1	2590.3	2577.5	2557.0	2516.3
42.5°	3032.4	3041.4	3042.9	3051.4	3042.9	3041.4	3032.4	2999.3	2987.8	2948.7	2891.1
40°	3526.5	3541.2	3538.7	3535.0	3538.7	3541.2	3526.5	3489.5	3480.9	3442.5	3393.8
37.5°	4105.0	4129.9	4132.5	4147.8	4132.5	4129.9	4105.0	4066.4	4039.1	3965.8	3933.9
35°	4754.1	4783.4	4778.3	4785.9	4778.3	4783.4	4754.1	4713.2	4673.7	4607.7	4527.3
32.5°	5408.9	5452.8	5461.7	5498.7	5461.7	5452.8	5408.9	5350.5	5287.0	5200.1	5092.7
30°	5923.4	5985.0	6025.1	6022.1	6025.1	5985.0	5923.4	5845.2	5793.9	5646.6	5529.7
27.5°	6136.5	6216.3	6290.9	6313.5	6290.9	6216.3	6136.5	6040.5	6010.2	5800.1	5726.5
25°	5928.6	5986.9	6052.8	6088.2	6052.8	5986.9	5928.6	5862.1	5758.3	5623.2	5517.5
22.5°	5501.3	5539.3	5561.7	5543.4	5561.7	5539.3	5501.3	5456.6	5359.2	5254.3	5138.3
20°	5113.7	5161.6	5170.6	5189.9	5170.6	5161.6	5113.7	5056.3	5000.9	4910.9	4810.6
17.5°	4825.1	4856.5	4875.0	4879.1	4875.0	4856.5	4825.1	4771.1	4720.5	4639.5	4551.4
15°	4598.9	4624.1	4640.6	4648.0	4640.6	4624.1	4598.9	4555.4	4500.5	4430.8	4354.8
12.5°	4438.6	4469.3	4484.4	4493.5	4484.4	4469.3	4438.6	4401.7	4345.4	4290.6	4210.8
10°	4335.9	4365.5	4377.4	4381.9	4377.4	4365.5	4335.9	4300.5	4256.0	4194.6	4123.0
7.5°	4262.1	4281.1	4289.2	4295.4	4289.2	4281.1	4262.1	4233.9	4187.5	4123.9	4052.9
5°	4202.6	4217.7	4226.2	4235.2	4226.2	4217.7	4202.6	4169.2	4124.7	4068.1	3994.6
2.5°	4121.5	4143.2	4158.2	4167.2	4158.2	4143.2	4121.5	4091.4	4053.5	3999.5	3923.0
0°	4042.0	4062.3	4073.0	4090.5	4073.0	4062.3	4042.0	4011.8	3974.0	3920.6	3845.8
-2.5°	3954.4	3978.1	4006.1	4033.2	4006.1	3978.1	3954.4	3924.6	3891.4	3838.2	3766.8
-5°	3887.5	3918.7	3924.6	3941.9	3924.6	3918.7	3887.5	3849.3	3804.3	3746.3	3677.4
-7.5°	3786.6	3800.8	3825.0	3829.3	3825.0	3800.8	3786.6	3753.5	3698.0	3634.7	3561.2
-10°	3631.0	3654.1	3669.2	3684.6	3669.2	3654.1	3631.0	3596.1	3549.3	3487.3	3420.0
-12.5°	3448.1	3475.3	3499.6	3496.2	3499.6	3475.3	3448.1	3416.5	3374.4	3319.4	3251.6
-15°	3270.0	3296.3	3313.0	3310.7	3313.0	3296.3	3270.0	3230.7	3192.7	3139.4	3080.7
-17.5°	3093.2	3117.1	3141.3	3140.7	3141.3	3117.1	3093.2	3059.2	3016.5	2967.6	2905.9
-20°	2910.7	2931.1	2957.0	2967.9	2957.0	2931.1	2910.7	2881.4	2831.2	2778.0	2714.8



REPORT NUMBER: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	2699.6	2725.8	2744.6	2756.1	2744.6	2725.8	2699.6	2662.0	2617.7	2555.0	2499.2
-25°	2453.5	2480.4	2494.7	2499.8	2494.7	2480.4	2453.5	2424.9	2381.7	2321.1	2263.0
-27.5°	2181.7	2211.9	2226.5	2219.1	2226.5	2211.9	2181.7	2153.6	2106.1	2065.7	2009.3
-30°	1902.9	1922.2	1924.5	1941.3	1924.5	1922.2	1902.9	1881.8	1841.8	1803.2	1756.6
-32.5°	1627.8	1640.8	1633.4	1634.5	1633.4	1640.8	1627.8	1604.6	1572.3	1539.0	1507.1
-35°	1356.2	1366.6	1368.7	1387.8	1368.7	1366.6	1356.2	1344.2	1324.9	1288.7	1275.9
-37.5°	1137.9	1142.1	1135.7	1126.5	1135.7	1142.1	1137.9	1124.9	1112.3	1088.9	1079.7
-40°	952.7	955.9	953.5	948.8	953.5	955.9	952.7	943.4	943.1	931.4	918.9
-42.5°	819.5	819.5	817.3	816.7	817.3	819.5	819.5	813.1	811.5	801.2	785.0
-45°	721.0	722.1	721.9	721.6	721.9	722.1	721.0	716.5	713.5	706.4	693.2
-47.5°	644.7	644.9	643.9	641.9	643.9	644.9	644.7	641.4	636.8	630.3	620.2
-50°	577.1	577.1	578.4	580.8	578.4	577.1	577.1	574.8	571.2	566.6	559.0
-52.5°	520.0	519.9	520.6	521.5	520.6	519.9	520.0	518.4	515.1	511.0	504.7
-55°	467.8	467.5	466.8	465.2	466.8	467.5	467.8	466.6	463.8	459.6	453.4
-57.5°	417.8	417.2	416.0	413.7	416.0	417.2	417.8	416.8	414.1	410.7	406.6
-60°	370.2	370.4	369.8	368.1	369.8	370.4	370.2	369.0	366.8	365.1	362.5
-62.5°	326.8	326.1	326.0	325.3	326.0	326.1	326.8	326.5	325.2	323.5	321.0
-65°	286.1	285.5	285.7	285.5	285.7	285.5	286.1	285.9	284.8	283.3	281.6
-67.5°	247.8	247.6	247.8	247.6	247.8	247.6	247.8	247.4	246.2	245.0	244.0
-70°	212.6	212.7	211.6	209.8	211.6	212.7	212.6	212.0	210.9	209.7	208.7
-72.5°	177.6	177.0	177.1	176.8	177.1	177.0	177.6	177.7	177.3	176.4	175.3
-75°	144.5	144.1	145.0	145.7	145.0	144.1	144.5	144.6	144.3	143.9	143.8
-77.5°	115.0	114.2	115.0	115.6	115.0	114.2	115.0	115.6	115.8	115.8	115.7
-80°	89.3	89.0	88.8	88.4	88.8	89.0	89.3	89.4	89.4	89.2	89.4
-82.5°	66.1	65.7	65.5	65.1	65.5	65.7	66.1	66.4	66.5	66.4	66.2
-85°	41.9	41.6	42.2	42.7	42.2	41.6	41.9	42.0	42.1	42.1	42.1
-87.5°	19.2	19.3	18.9	18.5	18.9	19.3	19.2	19.1	18.9	18.7	18.7
-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: P558770 (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°	13.7	14.3	15.0	15.1	15.2	15.2	15.2	15.1	14.9	14.7	14.4
85°	43.2	43.3	43.4	44.1	44.5	44.7	44.5	43.7	42.7	41.4	39.7
82.5°	83.8	83.6	83.2	84.1	84.5	84.4	83.8	82.1	80.0	77.4	74.2
80°	130.0	129.8	129.6	131.4	132.3	132.2	131.0	128.0	124.1	120.1	116.1
77.5°	186.5	187.7	188.3	190.0	190.4	189.4	186.5	182.0	178.1	172.9	166.1
75°	257.4	259.0	260.1	261.9	262.0	260.4	257.5	252.0	244.7	235.7	223.6
72.5°	341.0	343.1	343.7	343.7	342.0	340.1	335.8	328.4	318.9	307.2	291.2
70°	439.6	441.0	440.4	437.6	434.1	429.5	422.2	411.9	398.8	384.9	365.3
67.5°	555.7	554.2	550.2	544.7	538.9	530.1	518.5	503.7	488.5	471.1	444.8
65°	687.5	682.9	677.6	670.2	659.1	644.3	626.3	607.6	587.8	563.6	530.4
62.5°	836.2	821.4	816.3	809.1	795.1	774.5	752.4	728.6	699.0	664.4	631.0
60°	1009.3	996.7	984.1	967.4	946.7	921.0	893.1	860.9	824.5	785.9	741.2
57.5°	1196.2	1179.3	1166.4	1144.1	1112.2	1082.0	1047.1	1002.7	958.9	914.3	860.8
55°	1420.0	1396.9	1369.5	1338.3	1304.1	1265.1	1217.3	1165.5	1112.0	1050.5	993.5
52.5°	1639.4	1618.8	1587.3	1542.7	1502.5	1461.7	1405.6	1344.9	1284.4	1220.6	1140.6
50°	1898.9	1867.5	1824.5	1772.5	1730.4	1674.8	1612.3	1538.6	1475.7	1402.8	1314.6
47.5°	2159.6	2139.2	2088.5	2028.2	1989.2	1924.6	1847.7	1765.2	1695.7	1596.4	1500.4
45°	2489.5	2452.3	2395.5	2343.6	2282.5	2210.8	2112.7	2033.8	1940.9	1832.6	1693.3
42.5°	2876.0	2822.2	2748.5	2704.9	2631.6	2537.1	2427.9	2328.6	2212.7	2086.1	1926.1
40°	3344.5	3255.8	3181.0	3110.8	3027.2	2902.6	2781.5	2649.3	2510.7	2354.9	2146.7
37.5°	3882.6	3788.6	3678.2	3562.2	3454.2	3312.0	3149.9	2994.3	2827.7	2593.3	2356.0
35°	4442.9	4335.6	4199.3	4058.7	3891.0	3691.8	3524.5	3340.9	3113.5	2809.4	2549.6
32.5°	4996.1	4820.0	4672.4	4520.6	4269.5	4023.5	3843.5	3680.4	3294.1	2980.3	2719.7
30°	5396.1	5173.2	5023.6	4815.8	4500.7	4276.7	4105.6	3767.0	3407.5	3099.5	2852.2
27.5°	5483.6	5318.7	5166.8	4854.9	4583.6	4385.5	4118.0	3772.8	3445.9	3156.1	2916.7
25°	5315.6	5164.9	4980.1	4720.8	4494.3	4290.8	4009.9	3697.3	3403.9	3148.4	2879.7
22.5°	4996.4	4858.6	4690.4	4488.0	4296.0	4088.4	3840.8	3569.8	3317.6	3078.3	2818.2
20°	4691.4	4567.5	4411.5	4251.1	4086.0	3889.1	3654.1	3432.6	3227.2	2995.6	2744.3
17.5°	4451.7	4323.5	4201.1	4062.0	3892.8	3691.7	3522.7	3340.1	3137.2	2907.1	2660.0
15°	4251.8	4155.3	4038.6	3892.1	3736.8	3593.6	3432.9	3246.2	3044.0	2811.4	2581.4
12.5°	4129.8	4026.7	3899.2	3784.5	3655.2	3505.3	3339.7	3149.3	2956.0	2761.1	2554.9
10°	4032.2	3934.6	3829.5	3708.9	3572.3	3416.8	3261.9	3096.4	2916.4	2725.1	2521.0
7.5°	3969.7	3868.9	3757.0	3639.4	3508.4	3368.7	3216.7	3052.0	2870.3	2679.4	2479.2
5°	3908.9	3808.6	3701.1	3588.1	3454.3	3314.7	3164.3	2999.2	2816.7	2624.1	2429.3
2.5°	3839.5	3744.5	3640.9	3527.9	3391.8	3252.7	3104.3	2937.1	2757.3	2572.2	2372.4
0°	3761.3	3673.9	3562.2	3448.6	3320.4	3184.4	3035.8	2864.9	2689.1	2514.3	2306.5
-2.5°	3687.0	3593.9	3490.8	3378.1	3255.2	3114.5	2966.8	2801.5	2621.9	2445.3	2242.1
-5°	3596.3	3505.8	3402.3	3284.5	3160.7	3021.9	2875.1	2715.3	2538.7	2364.0	2169.9
-7.5°	3479.5	3392.6	3294.8	3177.6	3051.2	2912.4	2764.0	2604.4	2432.4	2259.6	2070.9
-10°	3339.2	3246.8	3147.4	3038.1	2919.7	2788.6	2641.8	2482.5	2317.0	2144.9	1963.4
-12.5°	3174.7	3086.8	2987.3	2880.5	2763.7	2635.5	2499.6	2347.6	2192.9	2019.9	1847.8
-15°	2999.6	2922.3	2824.2	2712.4	2593.1	2471.6	2342.7	2197.7	2054.8	1885.6	1724.0
-17.5°	2831.8	2746.8	2650.0	2546.8	2427.2	2299.5	2174.7	2041.9	1903.6	1749.5	1601.6
-20°	2643.6	2557.5	2467.8	2368.5	2254.5	2131.6	2004.6	1877.8	1747.9	1613.7	1479.3



REPORT NUMBER: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	2431.1	2355.7	2270.9	2177.0	2065.5	1950.1	1833.6	1713.9	1591.1	1475.5	1355.0
-25°	2203.3	2134.9	2051.6	1962.8	1864.4	1760.2	1658.0	1551.7	1446.0	1337.6	1230.7
-27.5°	1957.0	1893.6	1821.4	1743.6	1656.5	1571.9	1481.6	1389.9	1304.6	1209.0	1115.7
-30°	1704.7	1655.3	1593.3	1520.2	1459.6	1389.0	1307.1	1241.9	1167.9	1086.0	1010.0
-32.5°	1461.8	1422.0	1371.1	1322.4	1271.7	1215.3	1159.4	1098.8	1034.3	976.0	913.8
-35°	1242.7	1209.5	1181.8	1145.3	1097.9	1060.5	1017.4	967.7	918.3	871.5	821.6
-37.5°	1062.3	1032.8	1012.1	985.0	952.0	917.1	888.7	854.6	814.2	776.8	736.3
-40°	907.6	883.1	868.0	851.7	829.2	796.5	778.7	753.2	725.4	689.5	656.9
-42.5°	783.7	772.1	755.0	744.7	727.0	704.9	681.9	667.3	645.0	616.9	590.3
-45°	689.0	681.6	666.9	656.6	643.5	626.1	602.7	591.7	574.9	555.4	530.2
-47.5°	613.2	607.8	596.9	583.4	573.4	558.2	541.9	526.3	516.5	499.8	479.1
-50°	550.4	545.2	535.5	522.1	512.9	501.3	488.3	473.0	463.6	449.5	432.3
-52.5°	496.3	489.6	481.0	469.8	460.9	452.9	441.3	427.2	414.9	405.2	392.6
-55°	445.1	439.4	433.6	425.7	415.9	408.2	397.3	385.1	375.0	366.6	355.8
-57.5°	402.0	396.9	390.7	383.1	374.3	366.6	358.5	349.0	338.5	330.7	320.6
-60°	358.3	352.9	348.4	342.7	335.7	328.7	322.1	313.9	304.3	296.5	287.8
-62.5°	317.6	313.2	309.4	304.8	299.2	293.0	287.1	280.3	272.3	264.3	256.9
-65°	279.2	276.1	272.8	268.8	264.2	258.9	253.8	248.1	241.7	234.6	227.7
-67.5°	242.1	239.4	236.6	233.7	230.4	226.8	222.7	217.8	212.5	206.6	200.9
-70°	206.9	204.3	202.0	200.3	198.4	195.9	192.7	188.9	184.5	179.9	174.8
-72.5°	173.8	172.0	170.6	169.6	168.0	166.0	163.7	161.0	157.9	154.3	149.5
-75°	143.3	142.4	141.4	140.7	139.4	137.6	135.7	133.8	131.2	128.2	124.3
-77.5°	115.3	114.7	113.8	113.1	112.0	110.3	108.4	106.9	105.2	102.9	99.9
-80°	89.3	89.0	88.4	87.8	87.0	85.9	84.6	83.1	81.2	78.9	76.7
-82.5°	65.9	65.4	64.8	64.3	63.6	62.6	61.5	60.4	59.1	57.6	56.0
-85°	42.1	42.0	41.7	41.3	40.8	40.4	39.8	39.3	38.7	37.9	37.1
-87.5°	18.7	18.6	18.5	19.0	19.4	19.7	19.9	19.7	19.3	19.0	18.5
-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: P558770 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	14.1	13.7	13.3	12.8	12.5	12.1	11.6	11.1	10.1	9.1	8.1
85°	37.7	35.3	32.7	29.9	27.1	24.3	23.3	22.1	20.2	18.2	16.2
82.5°	70.3	66.9	63.3	59.4	55.0	50.4	45.5	40.3	34.0	27.9	24.3
80°	111.0	105.3	99.0	92.2	84.6	76.5	69.9	62.6	53.6	44.9	36.6
77.5°	157.3	147.6	137.2	128.2	119.0	109.0	98.2	86.1	73.0	61.8	51.0
75°	208.8	196.7	184.1	170.5	156.1	141.5	128.7	113.8	96.2	78.9	65.3
72.5°	273.0	254.2	234.8	214.8	197.5	179.6	161.3	141.1	120.4	100.1	80.4
70°	341.7	315.7	291.4	267.4	242.4	217.7	196.4	171.5	144.2	120.9	98.3
67.5°	414.8	386.5	355.5	321.5	291.5	262.3	232.3	202.2	171.7	141.4	115.8
65°	497.9	462.1	423.4	386.0	346.2	307.2	273.7	234.0	198.5	165.1	132.9
62.5°	589.2	542.5	500.4	453.4	406.8	360.9	313.8	269.0	225.7	188.2	152.0
60°	692.7	641.4	582.3	529.8	473.6	417.2	361.2	302.8	255.6	210.7	171.6
57.5°	806.5	746.2	683.0	613.5	547.6	480.8	408.6	341.5	284.4	235.2	190.4
55°	925.5	857.7	786.3	709.9	628.4	551.4	458.4	381.1	313.5	259.3	207.8
52.5°	1058.7	977.7	895.3	809.1	719.5	619.9	513.7	418.4	346.2	282.5	226.4
50°	1212.2	1110.9	1013.1	914.1	811.7	692.0	565.4	463.0	376.8	305.8	244.0
47.5°	1387.3	1264.3	1143.1	1024.3	911.1	759.0	622.3	505.5	405.3	330.7	260.4
45°	1568.6	1433.2	1286.4	1148.9	991.8	826.8	677.7	544.7	439.8	352.3	275.6
42.5°	1750.6	1604.0	1446.5	1274.6	1074.7	891.0	728.4	588.8	471.7	372.2	291.5
40°	1952.8	1774.3	1606.2	1391.4	1150.0	949.4	780.5	630.1	500.3	392.3	307.4
37.5°	2145.6	1948.3	1763.4	1480.5	1219.0	1009.2	828.1	667.0	526.4	414.0	321.8
35°	2325.5	2116.8	1842.6	1553.0	1287.4	1059.8	870.2	701.9	554.2	433.1	334.8
32.5°	2489.6	2224.8	1903.4	1609.5	1341.6	1101.1	908.4	732.9	578.0	449.6	346.3
30°	2601.5	2265.2	1945.1	1650.4	1382.1	1141.1	939.6	758.7	597.8	463.5	357.0
27.5°	2607.5	2284.0	1967.4	1675.9	1409.9	1170.5	963.2	779.1	613.6	476.4	368.0
25°	2587.0	2275.8	1970.6	1685.3	1424.7	1194.5	981.3	794.5	628.1	489.0	377.0
22.5°	2539.2	2246.5	1955.8	1678.9	1440.8	1211.1	996.3	807.6	639.9	498.4	384.1
20°	2478.8	2198.9	1930.8	1685.2	1449.0	1221.7	1007.6	816.1	647.5	504.9	389.1
17.5°	2404.8	2161.1	1926.6	1684.0	1448.9	1224.8	1012.7	820.0	651.1	508.4	392.3
15°	2370.8	2146.3	1914.0	1675.0	1441.0	1220.7	1011.8	819.5	650.8	509.1	394.5
12.5°	2343.5	2123.0	1893.5	1658.3	1425.3	1209.7	1005.1	814.6	646.9	509.1	396.2
10°	2308.9	2091.2	1865.1	1633.8	1402.2	1192.0	992.9	807.2	645.0	508.3	396.3
7.5°	2266.7	2051.0	1828.9	1601.7	1374.5	1172.3	980.4	799.0	640.9	505.3	394.9
5°	2217.8	2006.7	1790.0	1571.0	1353.4	1151.3	963.8	786.7	634.1	500.2	392.1
2.5°	2164.9	1961.0	1746.5	1533.9	1326.8	1125.3	942.8	770.8	624.7	493.3	388.0
0°	2103.5	1907.4	1695.6	1489.8	1294.6	1094.5	917.7	751.7	612.8	484.6	382.6
-2.5°	2049.6	1848.5	1640.8	1441.9	1247.7	1057.6	890.4	732.5	599.6	476.0	377.0
-5°	1986.9	1782.0	1579.6	1387.9	1195.9	1016.9	859.8	710.7	584.3	466.0	370.3
-7.5°	1894.8	1700.7	1509.9	1327.2	1139.8	972.9	826.3	686.8	567.1	454.5	362.5
-10°	1791.1	1608.8	1430.8	1258.6	1085.3	929.5	790.9	660.9	548.2	441.8	353.8
-12.5°	1681.4	1511.9	1347.5	1186.7	1029.1	886.8	757.1	635.6	528.1	427.9	344.3
-15°	1566.5	1410.9	1260.4	1112.4	971.1	841.8	721.6	609.7	508.3	413.7	334.0
-17.5°	1449.6	1306.5	1170.3	1036.4	911.9	795.1	684.8	582.5	487.4	399.4	323.6
-20°	1342.9	1209.1	1078.4	959.5	852.2	747.0	647.2	554.1	465.6	384.4	313.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1236.6	1119.1	1001.1	888.0	793.6	697.9	609.1	524.9	443.0	368.8	301.9
-25°	1130.7	1029.7	925.7	828.6	736.9	652.3	572.3	495.1	419.9	352.6	290.1
-27.5°	1030.9	942.5	850.0	769.1	687.2	607.4	536.8	466.7	397.4	335.9	277.5
-30°	935.6	859.3	782.0	710.8	638.2	568.3	501.2	438.5	377.0	319.8	264.5
-32.5°	847.7	777.1	717.2	656.7	593.1	529.5	468.3	410.3	356.4	303.7	252.2
-35°	765.9	706.9	654.2	604.4	549.5	494.2	438.2	382.5	335.9	287.2	240.2
-37.5°	688.1	644.7	599.5	555.3	506.2	459.7	409.7	359.5	315.4	270.2	227.9
-40°	624.1	587.0	549.3	508.8	467.8	425.9	381.2	337.7	295.5	252.9	215.4
-42.5°	563.1	534.3	501.8	463.6	432.2	394.6	353.2	315.5	276.2	237.3	202.7
-45°	508.8	484.4	456.7	428.1	398.0	363.7	328.4	293.1	256.9	222.6	190.4
-47.5°	457.7	439.5	417.1	393.1	365.3	334.0	303.4	271.8	237.6	208.0	178.7
-50°	414.6	399.0	380.9	359.2	333.2	306.8	278.8	250.6	221.4	193.5	166.7
-52.5°	377.3	362.3	346.1	326.1	304.0	279.5	256.1	229.7	204.9	179.5	154.5
-55°	342.1	327.5	312.6	295.5	275.8	255.3	233.7	211.2	188.1	165.6	142.3
-57.5°	309.0	294.7	282.0	266.6	250.0	232.1	212.7	192.5	172.1	151.4	131.5
-60°	277.1	265.5	252.9	240.3	225.9	209.6	192.2	174.1	156.1	137.4	120.4
-62.5°	247.8	237.3	226.9	215.5	202.2	187.5	171.8	156.4	140.0	124.8	109.3
-65°	220.3	211.7	201.8	190.9	178.8	166.0	152.7	138.7	125.4	112.1	98.0
-67.5°	194.1	186.1	176.4	166.4	156.8	146.0	133.7	122.4	111.2	99.2	87.0
-70°	168.4	160.6	152.6	145.0	136.3	126.5	116.6	106.8	96.8	86.8	75.8
-72.5°	143.7	137.5	131.1	124.2	116.7	108.6	99.9	91.3	83.4	74.5	64.6
-75°	119.6	114.9	109.9	104.3	97.7	90.7	84.0	77.1	70.0	62.1	54.6
-77.5°	96.5	92.8	88.9	84.8	79.8	74.4	68.7	62.8	57.0	51.3	45.1
-80°	74.7	72.4	69.7	66.6	62.5	58.1	54.0	49.7	45.3	40.6	35.5
-82.5°	54.5	52.9	51.0	48.8	46.0	43.1	40.2	37.1	33.6	29.8	26.2
-85°	36.0	34.7	33.3	31.6	29.9	28.1	26.4	24.6	22.2	19.9	17.5
-87.5°	17.9	17.2	16.4	15.6	14.9	14.1	13.2	12.3	11.1	9.9	8.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	5.9	4.8	3.6	2.5	1.2	0.0
85°	14.1	11.9	9.6	7.3	4.9	2.4	0.0
82.5°	21.1	17.8	14.4	10.9	7.4	3.6	0.0
80°	28.7	23.7	19.2	14.5	9.8	4.8	0.0
77.5°	40.7	30.9	23.9	18.1	12.2	6.0	0.0
75°	52.6	40.5	29.1	21.7	14.6	7.2	0.0
72.5°	64.3	49.9	36.4	25.2	16.9	8.3	0.0
70°	76.2	59.2	43.6	29.0	19.2	9.5	0.0
67.5°	90.8	68.3	50.7	34.1	21.5	10.6	0.0
65°	104.9	78.4	57.6	39.2	23.7	11.7	0.0
62.5°	118.6	89.4	64.3	44.1	25.9	12.8	0.0
60°	131.8	100.0	70.8	48.8	28.0	13.8	0.0
57.5°	146.7	110.2	78.6	53.5	31.0	14.8	0.0
55°	161.2	120.0	86.2	57.9	34.0	15.8	0.0
52.5°	174.9	129.5	93.5	62.2	36.8	16.8	0.0
50°	187.8	140.0	100.4	66.3	39.5	17.7	0.0
47.5°	200.1	149.9	106.9	70.5	42.1	18.6	0.0
45°	213.0	159.1	113.1	75.1	44.7	19.5	0.0
42.5°	224.8	167.7	118.8	79.4	47.1	20.3	0.0
40°	235.6	175.5	124.7	83.5	49.3	21.1	0.0
37.5°	245.3	182.7	130.5	87.4	51.5	21.8	0.0
35°	254.0	189.8	135.8	91.1	53.5	22.5	0.0
32.5°	262.3	196.4	140.6	94.5	55.4	23.2	0.0
30°	271.3	202.3	144.9	97.6	57.2	23.8	0.0
27.5°	279.0	207.3	149.0	100.5	58.8	24.3	0.0
25°	285.6	211.6	152.6	103.0	60.3	24.8	0.0
22.5°	290.9	215.3	155.7	105.3	61.6	25.3	0.0
20°	295.1	218.9	158.3	107.4	62.8	25.7	0.0
17.5°	298.8	222.0	160.4	109.1	63.9	26.1	0.0
15°	301.8	224.3	162.0	110.6	64.8	26.4	0.0
12.5°	303.7	226.1	163.1	111.8	65.5	26.7	0.0
10°	304.4	227.2	163.8	112.7	66.1	26.9	0.0
7.5°	304.1	227.7	164.0	113.3	66.6	27.0	0.0
5°	302.7	227.5	163.8	113.7	66.9	27.1	0.0
2.5°	300.4	226.7	163.2	113.8	67.0	27.2	0.0
0°	297.2	225.3	162.2	113.6	67.0	27.2	0.0
-2.5°	293.8	223.2	161.4	113.1	66.8	27.2	0.0
-5°	289.6	220.5	160.3	112.3	66.5	27.2	0.0
-7.5°	284.6	217.2	158.7	111.3	66.1	27.2	0.0
-10°	278.9	213.5	156.9	110.0	65.5	27.0	0.0
-12.5°	272.4	209.3	154.6	108.5	64.7	26.9	0.0
-15°	265.4	204.6	152.0	106.7	63.9	26.6	0.0
-17.5°	257.7	199.6	149.1	104.7	62.9	26.4	0.0
-20°	249.8	194.3	145.8	102.5	61.7	26.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	241.8	188.6	142.3	100.1	60.5	25.6	0.0
-25°	233.3	182.9	138.4	97.4	59.1	25.2	0.0
-27.5°	224.5	176.9	134.1	94.6	57.6	24.7	0.0
-30°	215.2	170.6	129.6	91.6	56.0	24.2	0.0
-32.5°	205.6	164.0	125.0	88.4	54.3	23.6	0.0
-35°	196.6	157.0	120.1	85.0	52.5	23.0	0.0
-37.5°	187.7	150.0	115.0	81.5	50.6	22.3	0.0
-40°	178.4	143.2	109.6	77.8	48.6	21.5	0.0
-42.5°	168.9	136.2	104.3	74.0	46.5	20.8	0.0
-45°	159.1	129.0	99.1	70.0	44.3	20.0	0.0
-47.5°	149.0	121.5	93.6	65.9	42.0	19.1	0.0
-50°	139.8	113.9	87.9	62.3	39.7	18.2	0.0
-52.5°	130.6	106.2	82.1	58.7	37.3	17.3	0.0
-55°	121.2	98.7	76.1	54.9	34.8	16.3	0.0
-57.5°	111.7	91.1	70.0	51.1	32.3	15.3	0.0
-60°	102.1	83.3	63.8	47.2	29.7	14.2	0.0
-62.5°	92.7	75.4	58.5	43.2	27.5	13.2	0.0
-65°	83.2	67.3	53.1	39.1	25.2	12.0	0.0
-67.5°	73.5	59.8	47.6	34.9	22.8	10.9	0.0
-70°	63.7	53.0	42.0	30.7	20.4	9.8	0.0
-72.5°	55.3	46.0	36.4	26.9	18.0	8.6	0.0
-75°	47.0	39.0	30.7	23.1	15.5	7.4	0.0
-77.5°	38.6	31.9	25.5	19.3	13.0	6.2	0.0
-80°	30.1	25.3	20.5	15.5	10.4	5.0	0.0
-82.5°	22.5	19.0	15.4	11.7	7.8	3.7	0.0
-85°	15.0	12.7	10.3	7.8	5.2	2.5	0.0
-87.5°	7.5	6.4	5.1	3.9	2.6	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)