

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: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558754 (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-927-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

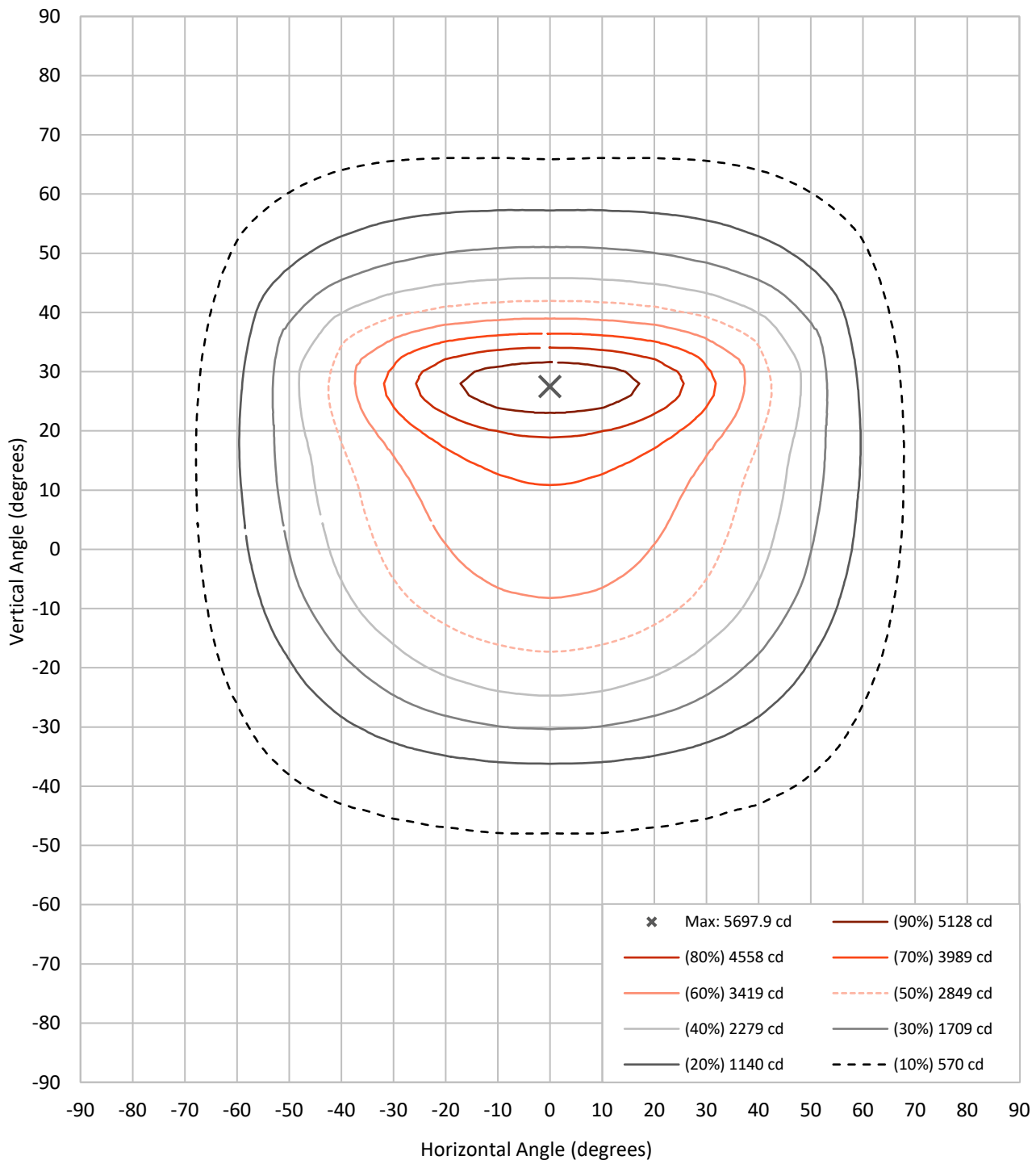
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8306.6 lumens	Max Intensity:	5697.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	91.3 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:	4308.2 lumens	Field Lumens:	7684.3 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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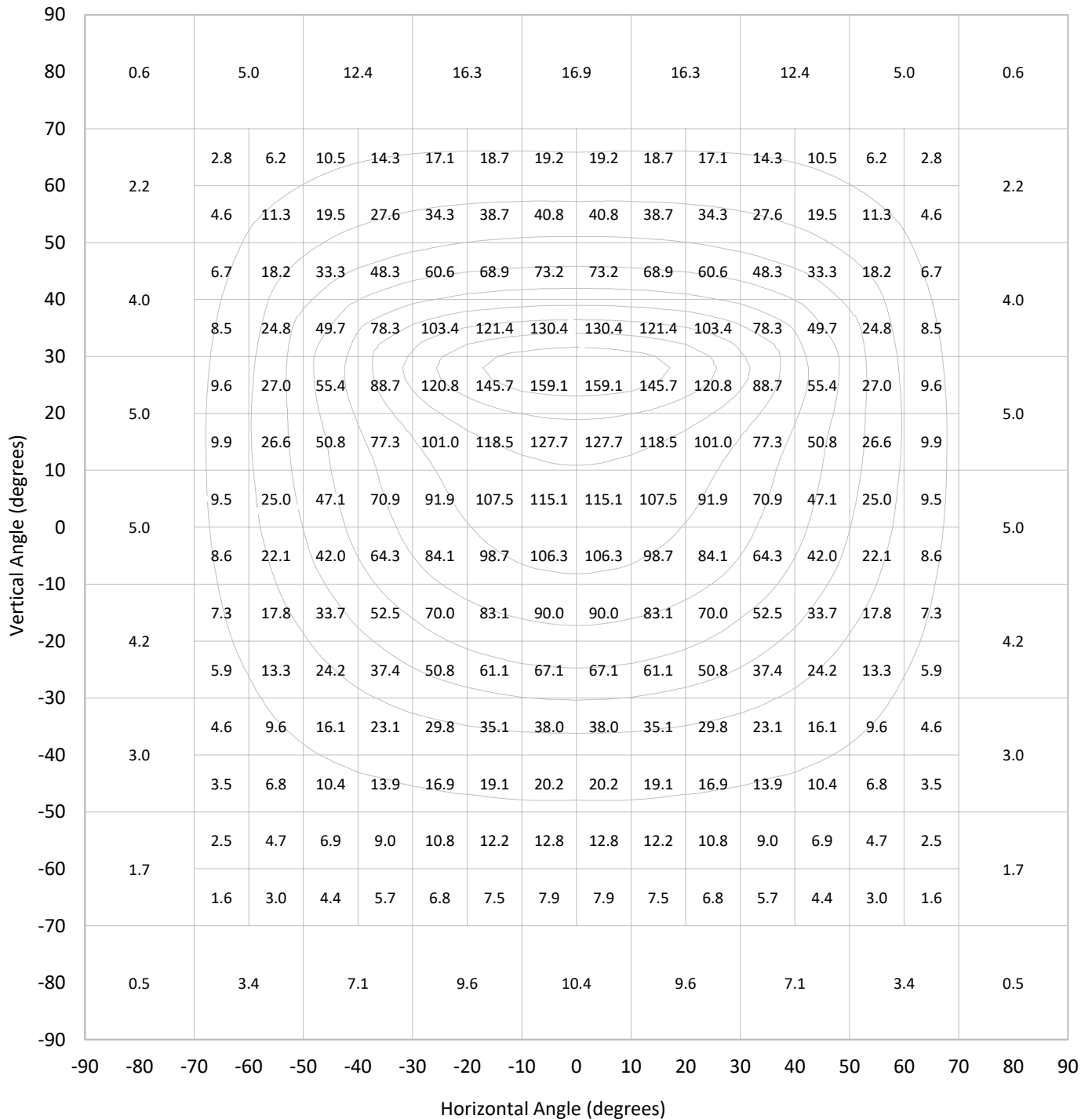
### Iso-Candela Plot





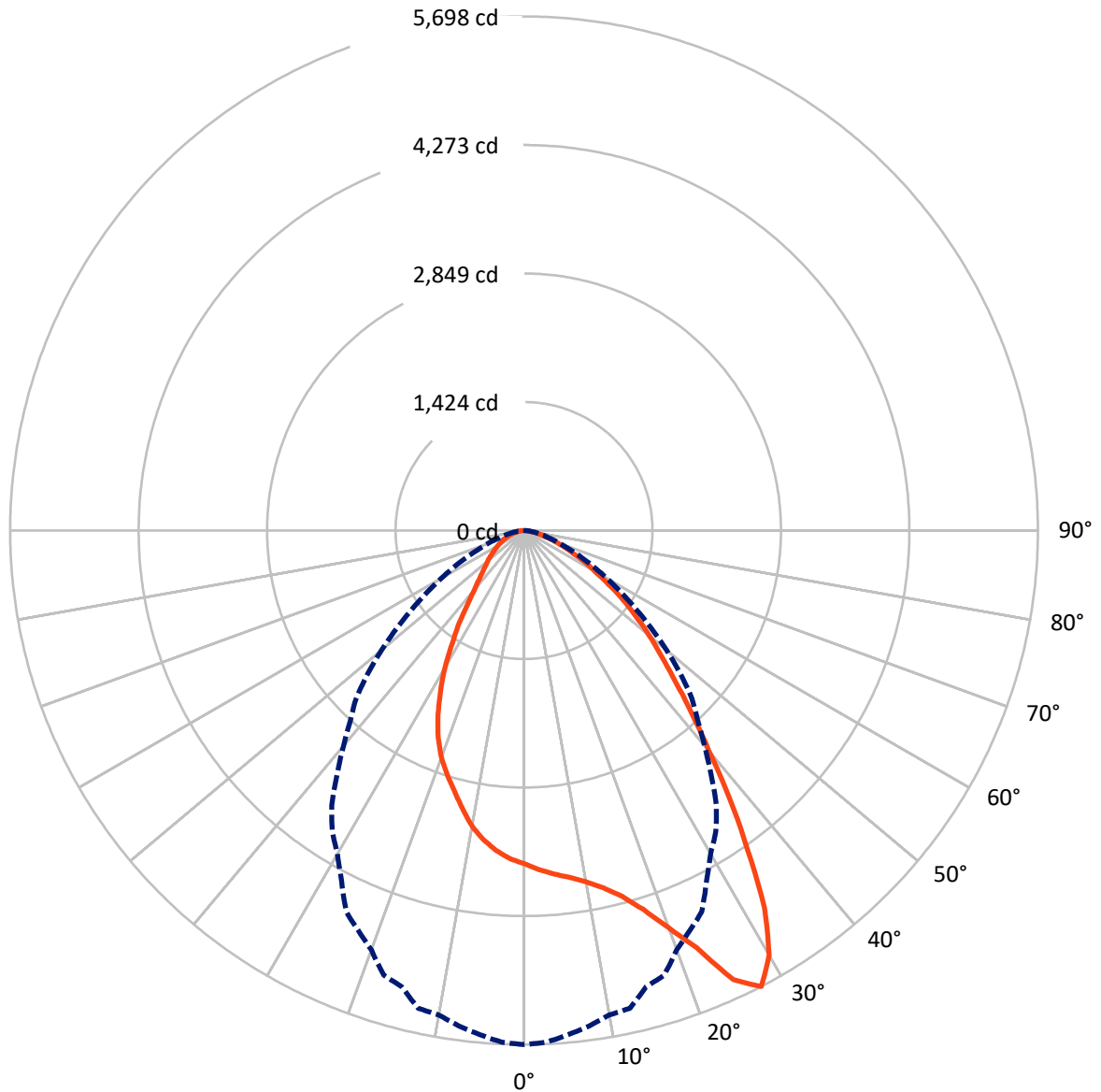
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### Lumen Table



REPORT NUMBER: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)  
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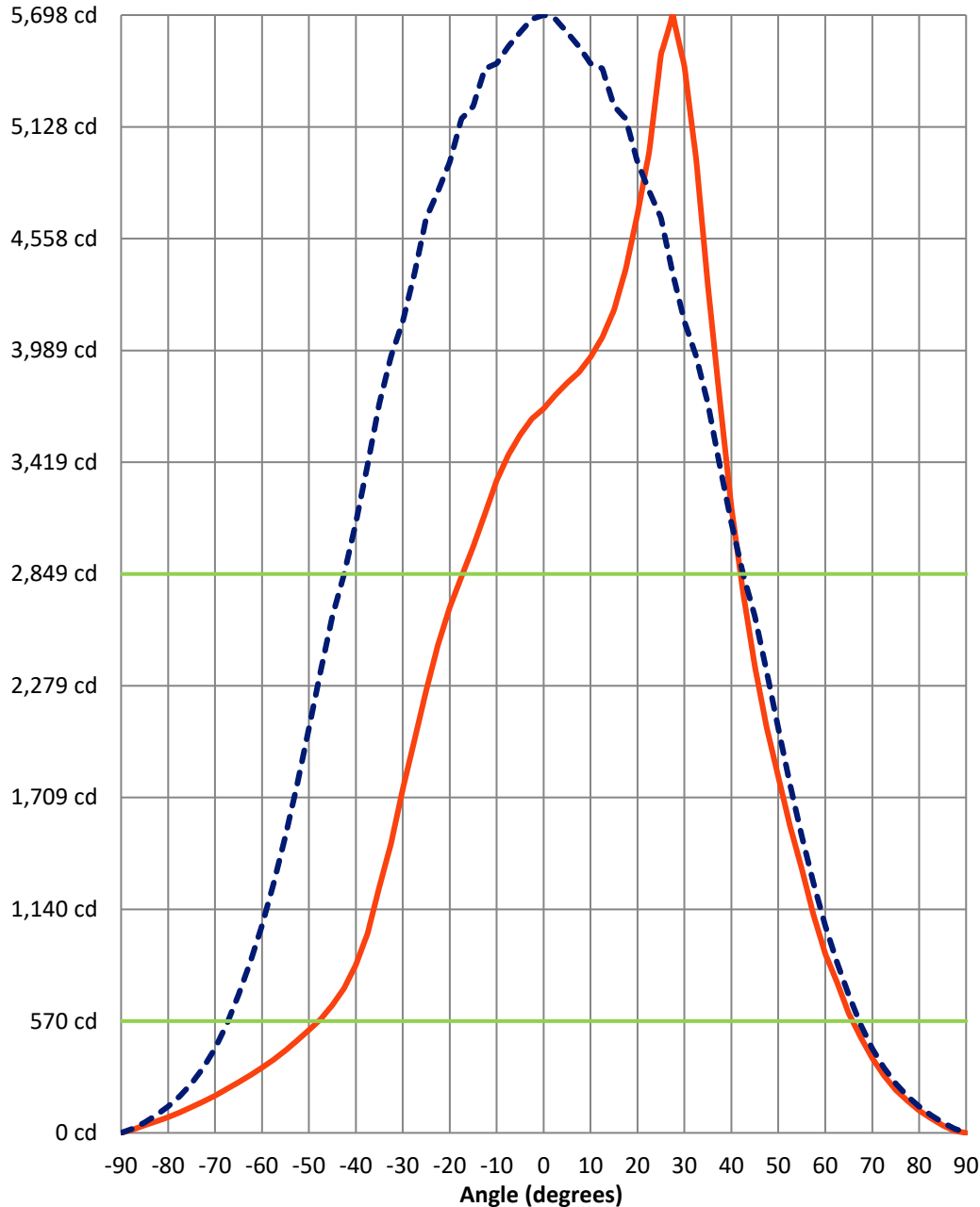
### Luminous Intensity Polar Plot



— 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: 4308.2  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 7684.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 622.3  
 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	2.2	3.3	4.3	5.4	6.3	7.3	8.2	9.1	10.0
85°	0.0	2.2	4.4	6.6	8.7	10.7	12.7	14.6	16.5	18.3	20.0
82.5°	0.0	3.3	6.6	9.8	13.0	16.0	19.0	21.9	25.2	30.7	36.5
80°	0.0	4.3	8.8	13.1	17.3	21.3	25.8	33.0	40.6	48.4	56.5
77.5°	0.0	5.4	11.0	16.3	21.5	27.8	36.7	46.1	55.8	65.9	77.7
75°	0.0	6.5	13.1	19.5	26.2	36.5	47.4	58.9	71.3	86.8	102.7
72.5°	0.0	7.5	15.2	22.7	32.8	45.0	58.0	72.6	90.4	108.7	127.4
70°	0.0	8.5	17.3	26.1	39.3	53.4	68.8	88.7	109.1	130.2	154.8
67.5°	0.0	9.5	19.4	30.7	45.7	61.6	81.9	104.5	127.6	154.9	182.5
65°	0.0	10.5	21.4	35.3	51.9	70.7	94.7	120.0	149.0	179.2	211.1
62.5°	0.0	11.5	23.3	39.7	58.0	80.7	107.1	137.2	169.9	203.7	242.7
60°	0.0	12.4	25.3	44.0	63.9	90.2	119.0	154.9	190.2	230.6	273.3
57.5°	0.0	13.4	28.0	48.2	70.9	99.4	132.4	171.8	212.2	256.6	308.2
55°	0.0	14.3	30.6	52.2	77.8	108.3	145.5	187.6	234.0	282.9	343.9
52.5°	0.0	15.1	33.1	56.1	84.3	116.9	157.9	204.3	254.9	312.4	377.6
50°	0.0	16.0	35.6	59.8	90.5	126.4	169.5	220.2	275.9	340.1	417.8
47.5°	0.0	16.8	38.0	63.6	96.4	135.3	180.6	235.1	298.4	365.8	456.2
45°	0.0	17.5	40.3	67.7	102.0	143.6	192.2	248.7	318.0	397.0	491.6
42.5°	0.0	18.3	42.4	71.6	107.2	151.3	202.9	263.1	335.9	425.7	531.4
40°	0.0	19.0	44.5	75.3	112.5	158.4	212.6	277.4	354.1	451.5	568.6
37.5°	0.0	19.7	46.4	78.8	117.7	164.8	221.4	290.5	373.6	475.1	602.0
35°	0.0	20.3	48.3	82.1	122.5	171.2	229.3	302.2	390.9	500.2	633.4
32.5°	0.0	20.9	50.0	85.2	126.9	177.3	236.8	312.5	405.7	521.7	661.4
30°	0.0	21.4	51.6	88.0	130.8	182.5	244.9	322.1	418.3	539.5	684.7
27.5°	0.0	21.9	53.1	90.6	134.4	187.1	251.9	332.1	430.0	553.8	703.1
25°	0.0	22.4	54.4	93.0	137.7	190.9	257.7	340.2	441.3	566.9	717.0
22.5°	0.0	22.8	55.6	95.0	140.5	194.3	262.5	346.6	449.9	577.5	728.8
20°	0.0	23.2	56.7	96.9	142.8	197.6	266.3	351.2	455.7	584.4	736.5
17.5°	0.0	23.5	57.6	98.5	144.7	200.3	269.6	354.0	458.8	587.6	740.0
15°	0.0	23.8	58.5	99.8	146.2	202.5	272.4	356.0	459.5	587.4	739.5
12.5°	0.0	24.0	59.1	100.9	147.2	204.1	274.0	357.5	459.5	583.9	735.1
10°	0.0	24.2	59.7	101.7	147.8	205.1	274.7	357.6	458.8	582.1	728.5
7.5°	0.0	24.3	60.1	102.3	148.0	205.5	274.4	356.4	456.1	578.4	721.0
5°	0.0	24.4	60.4	102.6	147.9	205.3	273.2	353.9	451.5	572.3	710.0
2.5°	0.0	24.5	60.5	102.7	147.3	204.6	271.1	350.1	445.3	563.8	695.6
0°	0.0	24.5	60.5	102.5	146.4	203.3	268.2	345.3	437.4	553.1	678.4
-2.5°	0.0	24.5	60.4	102.0	145.7	201.4	265.1	340.2	429.7	541.2	661.0
-5°	0.0	24.5	60.1	101.3	144.6	198.9	261.3	334.2	420.6	527.4	641.4
-7.5°	0.0	24.5	59.7	100.4	143.3	196.0	256.8	327.2	410.2	511.9	619.7
-10°	0.0	24.4	59.1	99.3	141.6	192.6	251.6	319.3	398.7	494.8	596.4
-12.5°	0.0	24.2	58.4	97.9	139.5	188.8	245.9	310.7	386.2	476.6	573.6
-15°	0.0	24.0	57.7	96.3	137.2	184.7	239.5	301.4	373.3	458.8	550.2
-17.5°	0.0	23.8	56.7	94.5	134.5	180.1	232.6	292.1	360.5	439.9	525.7
-20°	0.0	23.5	55.7	92.5	131.6	175.3	225.4	282.6	347.0	420.2	500.1



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 CATALOG NUMBER: GFLD-SA3B-927-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	23.1	54.6	90.3	128.4	170.1	218.2	272.5	332.8	399.8	473.8
-25°	0.0	22.7	53.3	87.9	124.8	165.0	210.6	261.8	318.2	378.9	446.8
-27.5°	0.0	22.3	52.0	85.4	121.0	159.7	202.6	250.5	303.2	358.6	421.2
-30°	0.0	21.8	50.5	82.7	117.0	154.0	194.2	238.7	288.6	340.2	395.7
-32.5°	0.0	21.3	49.0	79.8	112.8	147.9	185.5	227.6	274.1	321.7	370.3
-35°	0.0	20.7	47.4	76.7	108.4	141.6	177.4	216.8	259.2	303.1	345.1
-37.5°	0.0	20.1	45.6	73.5	103.8	135.3	169.3	205.7	243.9	284.7	324.4
-40°	0.0	19.4	43.8	70.2	98.9	129.2	161.0	194.4	228.2	266.7	304.8
-42.5°	0.0	18.7	41.9	66.7	94.1	122.9	152.4	183.0	214.2	249.3	284.7
-45°	0.0	18.0	40.0	63.2	89.4	116.4	143.5	171.9	200.9	231.9	264.6
-47.5°	0.0	17.2	37.9	59.5	84.4	109.7	134.4	161.3	187.7	214.4	245.3
-50°	0.0	16.4	35.8	56.2	79.3	102.8	126.1	150.5	174.7	199.8	226.1
-52.5°	0.0	15.6	33.7	52.9	74.1	95.8	117.8	139.4	162.0	184.9	207.3
-55°	0.0	14.7	31.4	49.6	68.7	89.0	109.3	128.4	149.4	169.8	190.6
-57.5°	0.0	13.8	29.1	46.1	63.1	82.1	100.7	118.6	136.6	155.3	173.8
-60°	0.0	12.8	26.8	42.6	57.5	75.1	92.1	108.6	124.0	140.9	157.1
-62.5°	0.0	11.9	24.8	39.0	52.7	68.0	83.6	98.6	112.6	126.3	141.2
-65°	0.0	10.9	22.8	35.3	47.9	60.7	75.0	88.4	101.1	113.1	125.1
-67.5°	0.0	9.9	20.6	31.6	42.9	54.0	66.3	78.4	89.5	100.3	110.5
-70°	0.0	8.8	18.5	27.7	37.9	47.8	57.5	68.4	78.3	87.3	96.4
-72.5°	0.0	7.8	16.3	24.3	32.9	41.5	49.9	58.3	67.2	75.3	82.4
-75°	0.0	6.7	14.0	20.9	27.7	35.2	42.4	49.3	56.0	63.2	69.6
-77.5°	0.0	5.6	11.7	17.5	23.1	28.8	34.8	40.7	46.3	51.5	56.7
-80°	0.0	4.5	9.4	14.0	18.5	22.9	27.2	32.1	36.6	40.9	44.9
-82.5°	0.0	3.4	7.1	10.5	13.9	17.2	20.4	23.7	27.0	30.4	33.5
-85°	0.0	2.3	4.7	7.0	9.3	11.5	13.6	15.8	18.0	20.1	22.2
-87.5°	0.0	1.1	2.4	3.5	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-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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 CATALOG NUMBER: GFLD-SA3B-927-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°	10.5	11.0	11.3	11.6	12.0	12.4	12.7	13.0	13.3	13.4	13.6
85°	21.1	22.0	24.6	27.0	29.6	31.9	34.0	35.8	37.3	38.6	39.5
82.5°	41.2	45.5	49.7	53.6	57.2	60.4	63.5	67.0	69.8	72.2	74.2
80°	63.1	69.1	76.4	83.2	89.4	95.0	100.1	104.7	108.4	112.0	115.5
77.5°	88.7	98.4	107.4	115.8	123.8	133.2	141.9	149.9	156.0	160.7	164.3
75°	116.2	127.7	140.9	153.9	166.2	177.5	188.5	201.8	212.7	220.9	227.4
72.5°	145.5	162.1	178.2	193.9	211.9	229.4	246.4	262.8	277.3	287.8	296.4
70°	177.2	196.5	218.8	241.3	263.0	285.0	308.4	329.7	347.4	359.8	371.7
67.5°	209.7	236.7	263.0	290.2	320.9	348.8	374.4	401.4	425.2	440.8	454.5
65°	247.0	277.2	312.5	348.4	382.0	417.0	449.3	478.6	508.6	530.4	548.4
62.5°	283.1	325.6	367.1	409.2	451.5	489.5	531.7	569.4	599.6	630.8	657.6
60°	326.0	376.5	427.4	478.1	525.5	578.8	625.1	668.9	709.3	744.1	777.0
57.5°	368.7	433.9	494.1	553.7	616.3	673.4	727.9	776.9	825.2	865.4	904.9
55°	413.7	497.6	567.1	640.6	709.6	774.1	835.3	896.7	948.1	1003.5	1051.8
52.5°	463.6	559.5	649.3	730.2	808.0	882.4	955.5	1029.4	1101.6	1159.1	1213.7
50°	510.3	624.6	732.6	824.9	914.3	1002.6	1094.0	1186.4	1266.0	1331.8	1388.6
47.5°	561.6	685.0	822.3	924.4	1031.7	1141.1	1252.1	1354.1	1440.8	1530.3	1593.1
45°	611.7	746.2	895.1	1036.9	1161.0	1293.4	1415.7	1528.2	1653.9	1751.7	1835.5
42.5°	657.3	804.1	969.9	1150.3	1305.5	1447.6	1579.9	1738.3	1882.7	1997.0	2101.6
40°	704.3	856.8	1037.9	1255.7	1449.6	1601.3	1762.4	1937.4	2125.3	2265.9	2391.0
37.5°	747.3	910.8	1100.1	1336.1	1591.5	1758.3	1936.4	2126.3	2340.4	2552.0	2702.3
35°	785.3	956.4	1161.8	1401.5	1663.0	1910.5	2098.8	2301.0	2535.4	2809.9	3015.2
32.5°	819.8	993.7	1210.8	1452.6	1717.8	2007.9	2246.9	2454.5	2689.7	2973.0	3321.5
30°	847.9	1029.8	1247.3	1489.5	1755.4	2044.4	2347.9	2574.1	2797.3	3075.3	3399.7
27.5°	869.3	1056.3	1272.4	1512.5	1775.5	2061.3	2353.2	2632.3	2848.4	3110.0	3404.9
25°	885.6	1078.0	1285.7	1521.0	1778.5	2053.9	2334.8	2598.9	2841.5	3072.0	3336.7
22.5°	899.2	1093.0	1300.3	1515.2	1765.1	2027.4	2291.6	2543.5	2778.2	2994.0	3221.8
20°	909.3	1102.5	1307.7	1520.9	1742.5	1984.5	2237.2	2476.8	2703.5	2912.6	3097.9
17.5°	913.9	1105.4	1307.7	1519.8	1738.7	1950.4	2170.4	2400.7	2623.6	2831.3	3014.5
15°	913.1	1101.7	1300.5	1511.7	1727.4	1937.0	2139.7	2329.7	2537.3	2747.3	2929.7
12.5°	907.0	1091.7	1286.3	1496.6	1708.9	1916.0	2115.0	2305.8	2492.0	2667.8	2842.3
10°	896.0	1075.8	1265.5	1474.5	1683.3	1887.3	2083.8	2275.2	2459.4	2632.1	2794.5
7.5°	884.8	1057.9	1240.5	1445.6	1650.6	1851.1	2045.8	2237.5	2418.2	2590.4	2754.5
5°	869.8	1039.1	1221.4	1417.9	1615.5	1811.1	2001.6	2192.4	2368.2	2542.1	2706.8
2.5°	850.9	1015.6	1197.4	1384.3	1576.2	1769.8	1953.8	2141.1	2321.4	2488.5	2650.7
0°	828.3	987.8	1168.3	1344.5	1530.3	1721.4	1898.4	2081.6	2269.2	2426.9	2585.6
-2.5°	803.6	954.5	1126.0	1301.3	1480.9	1668.3	1849.8	2023.4	2206.9	2366.3	2528.3
-5°	775.9	917.7	1079.2	1252.5	1425.6	1608.3	1793.2	1958.3	2133.5	2291.2	2450.5
-7.5°	745.7	878.0	1028.6	1197.8	1362.7	1535.0	1710.1	1868.9	2039.3	2195.3	2350.4
-10°	713.7	838.9	979.5	1135.9	1291.3	1451.9	1616.4	1772.0	1935.8	2091.1	2240.5
-12.5°	683.2	800.3	928.8	1071.0	1216.1	1364.5	1517.4	1667.6	1823.0	1979.1	2118.7
-15°	651.1	759.7	876.4	1003.9	1137.5	1273.3	1413.8	1555.9	1701.8	1854.4	1983.4
-17.5°	618.0	717.6	823.0	935.3	1056.2	1179.1	1308.3	1445.5	1578.9	1718.0	1842.7
-20°	584.1	674.2	769.1	865.9	973.3	1091.1	1212.0	1335.1	1456.4	1577.5	1694.6



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 CATALOG NUMBER: GFLD-SA3B-927-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°	549.7	629.8	716.3	801.4	903.5	1010.0	1116.0	1222.9	1331.7	1436.0	1546.8
-25°	516.5	588.7	665.0	747.8	835.4	929.3	1020.4	1110.7	1207.2	1305.0	1400.4
-27.5°	484.5	548.2	620.3	694.1	767.1	850.6	930.3	1006.9	1091.1	1177.4	1254.4
-30°	452.4	512.9	576.0	641.5	705.8	775.5	844.4	911.6	980.2	1054.0	1120.8
-32.5°	422.6	477.9	535.3	592.7	647.2	701.3	765.0	824.7	880.8	933.4	991.7
-35°	395.4	446.1	496.0	545.5	590.4	638.0	691.2	741.5	786.5	828.8	873.3
-37.5°	369.8	414.9	456.9	501.2	541.1	581.8	621.0	664.5	701.0	734.8	771.3
-40°	344.1	384.4	422.2	459.2	495.8	529.8	563.2	592.8	622.2	654.7	679.8
-42.5°	318.7	356.2	390.0	418.4	452.9	482.2	508.2	532.7	556.7	582.1	602.2
-45°	296.4	328.3	359.2	386.3	412.2	437.2	459.2	478.5	501.2	518.8	534.0
-47.5°	273.8	301.5	329.7	354.8	376.4	396.7	413.1	432.4	451.1	466.1	475.1
-50°	251.6	276.9	300.8	324.2	343.8	360.1	374.2	390.1	405.6	418.4	426.9
-52.5°	231.1	252.2	274.4	294.3	312.4	327.0	340.5	354.3	365.7	374.5	385.6
-55°	210.9	230.4	248.9	266.8	282.2	295.6	308.8	321.1	330.8	338.4	347.6
-57.5°	192.0	209.5	225.6	240.6	254.5	266.0	278.8	289.4	298.4	305.5	315.0
-60°	173.5	189.1	203.8	216.9	228.3	239.6	250.1	259.7	267.6	274.7	283.4
-62.5°	155.1	169.3	182.5	194.5	204.8	214.2	223.7	231.9	238.5	245.8	253.0
-65°	137.9	149.8	161.4	172.3	182.1	191.0	198.8	205.5	211.7	218.1	223.9
-67.5°	120.7	131.8	141.5	150.2	159.2	167.9	175.1	181.3	186.5	191.7	196.6
-70°	105.3	114.1	123.0	130.8	137.7	144.9	152.0	157.8	162.4	166.5	170.5
-72.5°	90.1	98.0	105.3	112.1	118.4	124.1	129.7	134.9	139.2	142.5	145.3
-75°	75.8	81.9	88.2	94.1	99.2	103.7	108.0	112.2	115.7	118.4	120.7
-77.5°	62.1	67.2	72.0	76.5	80.2	83.8	87.1	90.1	92.8	95.0	96.5
-80°	48.8	52.5	56.4	60.1	62.9	65.3	67.4	69.2	71.2	73.2	75.0
-82.5°	36.3	39.0	41.5	44.1	46.0	47.7	49.1	50.5	52.0	53.3	54.4
-85°	23.9	25.4	27.0	28.5	30.0	31.3	32.5	33.5	34.3	34.9	35.5
-87.5°	11.9	12.7	13.4	14.1	14.8	15.5	16.1	16.8	17.1	17.5	17.7
-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):**

	-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°	13.7	13.7	13.7	13.6	13.5	13.0	12.4	11.7	11.0	11.3	11.7
85°	40.2	40.4	40.2	39.8	39.2	39.1	39.0	38.7	38.3	38.9	39.4
82.5°	75.7	76.2	76.3	75.9	75.2	75.5	75.6	75.5	75.0	75.6	75.9
80°	118.2	119.3	119.4	118.6	117.0	117.2	117.3	116.9	116.2	116.4	116.3
77.5°	168.4	171.0	171.9	171.5	169.9	169.4	168.3	165.9	162.6	162.5	162.6
75°	232.4	235.0	236.4	236.3	234.8	233.7	232.3	229.6	225.9	225.7	225.8
72.5°	303.0	306.9	308.6	310.2	310.2	309.7	307.8	303.8	298.0	297.3	298.0
70°	381.0	387.6	391.8	395.0	397.5	398.0	396.8	393.6	388.5	387.2	386.8
67.5°	467.9	478.4	486.4	491.7	496.6	500.2	501.6	500.1	496.0	494.7	495.2
65°	565.3	581.5	594.9	604.9	611.5	616.3	620.5	622.9	623.5	625.0	626.9
62.5°	679.1	698.9	717.5	730.2	736.7	741.4	754.7	762.4	764.6	765.1	768.0
60°	806.1	831.2	854.4	873.1	888.1	899.5	910.9	918.4	921.2	921.8	925.9
57.5°	945.0	976.5	1003.7	1032.6	1052.7	1064.4	1079.6	1095.2	1103.4	1105.7	1115.3
55°	1098.6	1141.7	1176.9	1207.8	1235.9	1260.6	1281.5	1297.7	1309.6	1316.8	1329.5
52.5°	1268.6	1319.2	1356.0	1392.3	1432.6	1460.9	1479.5	1509.4	1531.0	1542.9	1558.1
50°	1455.1	1511.6	1561.7	1599.7	1646.6	1685.4	1713.7	1742.0	1761.8	1773.1	1787.8
47.5°	1667.5	1737.0	1795.2	1830.5	1884.9	1930.6	1949.0	1970.4	2007.6	2025.6	2041.3
45°	1906.7	1995.3	2060.0	2115.1	2161.9	2213.2	2246.8	2271.0	2307.7	2326.2	2337.8
42.5°	2191.2	2289.8	2375.0	2441.2	2480.6	2547.1	2595.6	2609.2	2661.2	2696.5	2706.9
40°	2510.3	2619.6	2732.0	2807.5	2870.8	2938.3	3018.4	3063.0	3106.9	3141.5	3149.3
37.5°	2842.8	2989.1	3117.5	3214.8	3319.5	3419.2	3504.0	3550.3	3579.1	3645.3	3670.0
35°	3180.9	3331.8	3511.6	3662.9	3789.8	3912.9	4009.7	4085.9	4158.5	4218.0	4253.7
32.5°	3468.7	3631.2	3853.2	4079.7	4216.8	4350.0	4509.0	4596.2	4693.1	4771.5	4828.8
30°	3705.3	3859.7	4061.8	4346.2	4533.8	4668.8	4870.0	4990.6	5096.1	5229.0	5275.3
27.5°	3716.5	3957.9	4136.6	4381.5	4663.0	4800.1	4949.0	5168.1	5234.6	5424.2	5451.5
25°	3618.9	3872.4	4056.1	4260.5	4494.6	4661.3	4797.3	4979.5	5074.9	5196.8	5290.5
22.5°	3466.4	3689.8	3877.1	4050.5	4233.1	4384.9	4509.2	4637.3	4742.0	4836.6	4924.5
20°	3297.9	3509.9	3687.6	3836.7	3981.3	4122.1	4233.9	4341.5	4432.1	4513.3	4563.3
17.5°	3179.2	3331.8	3513.3	3666.0	3791.5	3901.9	4017.6	4107.7	4187.1	4260.2	4305.9
15°	3098.2	3243.2	3372.5	3512.6	3644.9	3750.1	3837.2	3930.2	3998.8	4061.8	4111.2
12.5°	3014.1	3163.5	3298.8	3415.5	3519.0	3634.0	3727.1	3800.2	3872.2	3921.6	3972.5
10°	2943.8	3083.6	3224.0	3347.2	3456.1	3550.9	3639.0	3721.0	3785.6	3841.1	3881.2
7.5°	2903.0	3040.2	3166.3	3284.6	3390.7	3491.7	3582.6	3657.8	3721.8	3779.2	3821.1
5°	2855.7	2991.5	3117.4	3238.3	3340.2	3437.3	3527.8	3605.1	3671.4	3722.5	3762.7
2.5°	2801.5	2935.5	3061.1	3183.9	3285.9	3379.5	3465.1	3540.5	3609.6	3658.2	3692.4
0°	2739.8	2873.9	2996.6	3112.3	3214.9	3315.7	3394.6	3470.8	3538.3	3586.5	3620.7
-2.5°	2677.5	2810.8	2937.8	3048.7	3150.5	3243.6	3327.5	3399.5	3464.0	3511.9	3542.0
-5°	2594.7	2727.2	2852.6	2964.3	3070.6	3164.0	3245.6	3318.9	3381.0	3433.3	3474.0
-7.5°	2494.5	2628.4	2753.7	2867.8	2973.5	3061.8	3140.2	3214.0	3280.3	3337.4	3387.5
-10°	2384.3	2516.7	2635.1	2741.9	2840.5	2930.2	3013.6	3086.5	3147.3	3203.2	3245.4
-12.5°	2255.9	2378.5	2494.3	2599.6	2696.0	2785.8	2865.1	2934.6	2995.7	3045.3	3083.3
-15°	2114.2	2230.7	2340.3	2447.9	2548.8	2637.3	2707.1	2780.3	2833.3	2881.5	2915.7
-17.5°	1962.7	2075.2	2190.6	2298.5	2391.6	2478.9	2555.7	2622.6	2678.2	2722.4	2761.0
-20°	1809.1	1923.8	2034.7	2137.5	2227.1	2308.1	2385.8	2450.1	2507.0	2555.1	2600.4



REPORT NUMBER: P558754 (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°	1654.8	1760.0	1864.1	1964.7	2049.5	2126.0	2194.1	2255.5	2305.8	2362.5	2402.4
-25°	1496.3	1588.5	1682.6	1771.4	1851.6	1926.8	1988.5	2042.4	2094.8	2149.5	2188.4
-27.5°	1337.1	1418.6	1495.0	1573.6	1643.8	1709.0	1766.2	1813.4	1864.3	1900.8	1943.7
-30°	1179.6	1253.6	1317.3	1372.0	1438.0	1493.9	1538.5	1585.3	1627.4	1662.3	1698.4
-32.5°	1046.3	1096.8	1147.8	1193.5	1237.3	1283.3	1319.2	1360.1	1389.0	1419.0	1448.2
-35°	918.2	957.1	990.9	1033.7	1066.6	1091.6	1121.5	1151.5	1163.1	1195.7	1213.2
-37.5°	802.1	827.7	859.2	889.0	913.4	932.1	958.8	974.5	982.8	1003.9	1015.2
-40°	702.7	718.9	748.3	768.7	783.4	797.0	819.1	829.3	840.6	851.2	851.5
-42.5°	615.4	636.1	656.1	672.1	681.4	696.9	707.3	708.5	723.1	732.4	733.9
-45°	543.9	565.0	580.8	592.6	601.8	615.2	621.9	625.7	637.6	643.9	646.7
-47.5°	489.1	503.8	517.5	526.5	538.7	548.5	553.4	559.7	568.9	574.7	578.9
-50°	440.8	452.5	462.9	471.2	483.3	492.0	496.7	504.5	511.3	515.5	518.8
-52.5°	398.3	408.7	416.0	424.0	434.1	441.8	447.8	455.5	461.2	464.9	467.8
-55°	358.6	368.4	375.4	384.2	391.4	396.6	401.7	409.2	414.8	418.5	421.0
-57.5°	323.5	330.9	337.8	345.8	352.6	358.2	362.8	366.9	370.6	373.7	376.1
-60°	290.7	296.7	303.0	309.2	314.4	318.5	323.4	327.1	329.5	331.0	333.0
-62.5°	259.1	264.5	270.1	275.1	279.2	282.6	286.6	289.7	291.9	293.5	294.6
-65°	229.1	233.7	238.5	242.7	246.2	249.2	252.0	254.1	255.7	257.0	258.0
-67.5°	201.0	204.7	208.0	210.9	213.5	216.1	218.5	220.2	221.1	222.2	223.2
-70°	173.9	176.8	179.1	180.8	182.4	184.3	186.7	188.3	189.3	190.3	191.3
-72.5°	147.7	149.8	151.6	153.1	154.0	155.3	156.9	158.2	159.2	160.0	160.4
-75°	122.5	124.3	125.8	127.0	127.6	128.5	129.4	129.8	129.9	130.2	130.5
-77.5°	97.9	99.6	101.1	102.1	102.7	103.5	104.1	104.4	104.5	104.5	104.3
-80°	76.4	77.5	78.5	79.3	79.8	80.3	80.6	80.7	80.5	80.7	80.7
-82.5°	55.5	56.5	57.4	58.1	58.5	59.0	59.4	59.7	59.9	60.0	59.9
-85°	35.9	36.4	36.8	37.3	37.7	37.9	38.0	38.0	37.9	38.0	37.9
-87.5°	17.9	17.7	17.5	17.1	16.7	16.8	16.9	16.9	16.9	17.1	17.2
-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: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.0	12.3	11.4	10.5	11.4	12.3	12.0	11.7	11.3	11.0	11.7
85°	39.8	40.1	39.4	38.6	39.4	40.1	39.8	39.4	38.9	38.3	38.7
82.5°	76.0	75.9	75.3	74.5	75.3	75.9	76.0	75.9	75.6	75.0	75.5
80°	115.9	115.1	114.7	113.9	114.7	115.1	115.9	116.3	116.4	116.2	116.9
77.5°	162.2	161.3	162.7	163.9	162.7	161.3	162.2	162.6	162.5	162.6	165.9
75°	224.9	223.2	221.5	219.1	221.5	223.2	224.9	225.8	225.7	225.9	229.6
72.5°	297.7	296.3	295.0	292.7	295.0	296.3	297.7	298.0	297.3	298.0	303.8
70°	384.4	380.3	381.0	381.3	381.0	380.3	384.4	386.8	387.2	388.5	393.6
67.5°	493.6	489.9	490.4	489.9	490.4	489.9	493.6	495.2	494.7	496.0	500.1
65°	625.7	621.6	616.5	609.1	616.5	621.6	625.7	626.9	625.0	623.5	622.9
62.5°	767.7	764.0	766.1	767.8	766.1	764.0	767.7	768.0	765.1	764.6	762.4
60°	925.2	920.0	917.5	913.3	917.5	920.0	925.2	925.9	921.8	921.2	918.4
57.5°	1119.8	1118.8	1116.6	1110.5	1116.6	1118.8	1119.8	1115.3	1105.7	1103.4	1095.2
55°	1335.5	1334.3	1339.3	1345.4	1339.3	1334.3	1335.5	1329.5	1316.8	1309.6	1297.7
52.5°	1569.3	1573.3	1571.9	1563.6	1571.9	1573.3	1569.3	1558.1	1542.9	1531.0	1509.4
50°	1800.8	1805.2	1809.9	1814.3	1809.9	1805.2	1800.8	1787.8	1773.1	1761.8	1742.0
47.5°	2063.0	2074.7	2076.8	2068.5	2076.8	2074.7	2063.0	2041.3	2025.6	2007.6	1970.4
45°	2361.1	2368.1	2371.7	2378.7	2371.7	2368.1	2361.1	2337.8	2326.2	2307.7	2271.0
42.5°	2736.8	2744.9	2746.2	2753.9	2746.2	2744.9	2736.8	2706.9	2696.5	2661.2	2609.2
40°	3182.7	3195.9	3193.6	3190.3	3193.6	3195.9	3182.7	3149.3	3141.5	3106.9	3063.0
37.5°	3704.7	3727.2	3729.5	3743.4	3729.5	3727.2	3704.7	3670.0	3645.3	3579.1	3550.3
35°	4290.6	4317.0	4312.5	4319.2	4312.5	4317.0	4290.6	4253.7	4218.0	4158.5	4085.9
32.5°	4881.6	4921.2	4929.2	4962.6	4929.2	4921.2	4881.6	4828.8	4771.5	4693.1	4596.2
30°	5345.8	5401.4	5437.7	5435.0	5437.7	5401.4	5345.8	5275.3	5229.0	5096.1	4990.6
27.5°	5538.2	5610.2	5677.6	5697.9	5677.6	5610.2	5538.2	5451.5	5424.2	5234.6	5168.1
25°	5350.5	5403.1	5462.7	5494.6	5462.7	5403.1	5350.5	5290.5	5196.8	5074.9	4979.5
22.5°	4964.9	4999.2	5019.4	5002.9	5019.4	4999.2	4964.9	4924.5	4836.6	4742.0	4637.3
20°	4615.1	4658.3	4666.4	4683.8	4666.4	4658.3	4615.1	4563.3	4513.3	4432.1	4341.5
17.5°	4354.6	4383.0	4399.6	4403.4	4399.6	4383.0	4354.6	4305.9	4260.2	4187.1	4107.7
15°	4150.5	4173.2	4188.1	4194.8	4188.1	4173.2	4150.5	4111.2	4061.8	3998.8	3930.2
12.5°	4005.9	4033.6	4047.2	4055.4	4047.2	4033.6	4005.9	3972.5	3921.6	3872.2	3800.2
10°	3913.1	3939.8	3950.7	3954.6	3950.7	3939.8	3913.1	3881.2	3841.1	3785.6	3721.0
7.5°	3846.5	3863.7	3871.0	3876.6	3871.0	3863.7	3846.5	3821.1	3779.2	3721.8	3657.8
5°	3792.8	3806.4	3814.1	3822.3	3814.1	3806.4	3792.8	3762.7	3722.5	3671.4	3605.1
2.5°	3719.7	3739.2	3752.7	3760.9	3752.7	3739.2	3719.7	3692.4	3658.2	3609.6	3540.5
0°	3647.9	3666.3	3675.9	3691.7	3675.9	3666.3	3647.9	3620.7	3586.5	3538.3	3470.8
-2.5°	3568.8	3590.2	3615.5	3640.0	3615.5	3590.2	3568.8	3542.0	3511.9	3464.0	3399.5
-5°	3508.5	3536.6	3541.9	3557.6	3541.9	3536.6	3508.5	3474.0	3433.3	3381.0	3318.9
-7.5°	3417.3	3430.2	3452.0	3455.9	3452.0	3430.2	3417.3	3387.5	3337.4	3280.3	3214.0
-10°	3276.9	3297.8	3311.4	3325.3	3311.4	3297.8	3276.9	3245.4	3203.2	3147.3	3086.5
-12.5°	3111.9	3136.4	3158.3	3155.3	3158.3	3136.4	3111.9	3083.3	3045.3	2995.7	2934.6
-15°	2951.1	2974.9	2989.9	2987.9	2989.9	2974.9	2951.1	2915.7	2881.5	2833.3	2780.3
-17.5°	2791.6	2813.2	2835.0	2834.5	2835.0	2813.2	2791.6	2761.0	2722.4	2678.2	2622.6
-20°	2626.8	2645.4	2668.7	2678.5	2668.7	2645.4	2626.8	2600.4	2555.1	2507.0	2450.1



REPORT NUMBER: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-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°	2436.3	2460.0	2477.0	2487.4	2477.0	2460.0	2436.3	2402.4	2362.5	2305.8	2255.5
-25°	2214.3	2238.6	2251.4	2256.0	2251.4	2238.6	2214.3	2188.4	2149.5	2094.8	2042.4
-27.5°	1968.9	1996.2	2009.5	2002.7	2009.5	1996.2	1968.9	1943.7	1900.8	1864.3	1813.4
-30°	1717.3	1734.8	1736.9	1752.1	1736.9	1734.8	1717.3	1698.4	1662.3	1627.4	1585.3
-32.5°	1469.1	1480.8	1474.2	1475.1	1474.2	1480.8	1469.1	1448.2	1419.0	1389.0	1360.1
-35°	1224.0	1233.3	1235.2	1252.5	1235.2	1233.3	1224.0	1213.2	1195.7	1163.1	1151.5
-37.5°	1027.0	1030.7	1025.0	1016.7	1025.0	1030.7	1027.0	1015.2	1003.9	982.8	974.5
-40°	859.8	862.7	860.5	856.3	860.5	862.7	859.8	851.5	851.2	840.6	829.3
-42.5°	739.6	739.6	737.6	737.1	737.6	739.6	739.6	733.9	732.4	723.1	708.5
-45°	650.7	651.6	651.5	651.2	651.5	651.6	650.7	646.7	643.9	637.6	625.7
-47.5°	581.8	582.0	581.1	579.3	581.1	582.0	581.8	578.9	574.7	568.9	559.7
-50°	520.9	520.9	522.0	524.1	522.0	520.9	520.9	518.8	515.5	511.3	504.5
-52.5°	469.3	469.2	469.9	470.7	469.9	469.2	469.3	467.8	464.9	461.2	455.5
-55°	422.1	421.9	421.2	419.8	421.2	421.9	422.1	421.0	418.5	414.8	409.2
-57.5°	377.1	376.6	375.4	373.4	375.4	376.6	377.1	376.1	373.7	370.6	366.9
-60°	334.1	334.3	333.7	332.2	333.7	334.3	334.1	333.0	331.0	329.5	327.1
-62.5°	294.9	294.3	294.2	293.6	294.2	294.3	294.9	294.6	293.5	291.9	289.7
-65°	258.2	257.7	257.8	257.7	257.8	257.7	258.2	258.0	257.0	255.7	254.1
-67.5°	223.7	223.5	223.7	223.5	223.7	223.5	223.7	223.2	222.2	221.1	220.2
-70°	191.8	191.9	190.9	189.3	190.9	191.9	191.8	191.3	190.3	189.3	188.3
-72.5°	160.3	159.7	159.8	159.5	159.8	159.7	160.3	160.4	160.0	159.2	158.2
-75°	130.4	130.0	130.9	131.5	130.9	130.0	130.4	130.5	130.2	129.9	129.8
-77.5°	103.8	103.0	103.7	104.3	103.7	103.0	103.8	104.3	104.5	104.5	104.4
-80°	80.6	80.3	80.1	79.8	80.1	80.3	80.6	80.7	80.7	80.5	80.7
-82.5°	59.7	59.4	59.1	58.7	59.1	59.4	59.7	59.9	60.0	59.9	59.7
-85°	37.8	37.5	38.1	38.6	38.1	37.5	37.8	37.9	38.0	37.9	38.0
-87.5°	17.4	17.4	17.1	16.7	17.1	17.4	17.4	17.2	17.1	16.9	16.9
-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: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-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°	12.4	13.0	13.5	13.6	13.7	13.7	13.7	13.6	13.4	13.3	13.0
85°	39.0	39.1	39.2	39.8	40.2	40.4	40.2	39.5	38.6	37.3	35.8
82.5°	75.6	75.5	75.2	75.9	76.3	76.2	75.7	74.2	72.2	69.8	67.0
80°	117.3	117.2	117.0	118.6	119.4	119.3	118.2	115.5	112.0	108.4	104.7
77.5°	168.3	169.4	169.9	171.5	171.9	171.0	168.4	164.3	160.7	156.0	149.9
75°	232.3	233.7	234.8	236.3	236.4	235.0	232.4	227.4	220.9	212.7	201.8
72.5°	307.8	309.7	310.2	310.2	308.6	306.9	303.0	296.4	287.8	277.3	262.8
70°	396.8	398.0	397.5	395.0	391.8	387.6	381.0	371.7	359.8	347.4	329.7
67.5°	501.6	500.2	496.6	491.7	486.4	478.4	467.9	454.5	440.8	425.2	401.4
65°	620.5	616.3	611.5	604.9	594.9	581.5	565.3	548.4	530.4	508.6	478.6
62.5°	754.7	741.4	736.7	730.2	717.5	698.9	679.1	657.6	630.8	599.6	569.4
60°	910.9	899.5	888.1	873.1	854.4	831.2	806.1	777.0	744.1	709.3	668.9
57.5°	1079.6	1064.4	1052.7	1032.6	1003.7	976.5	945.0	904.9	865.4	825.2	776.9
55°	1281.5	1260.6	1235.9	1207.8	1176.9	1141.7	1098.6	1051.8	1003.5	948.1	896.7
52.5°	1479.5	1460.9	1432.6	1392.3	1356.0	1319.2	1268.6	1213.7	1159.1	1101.6	1029.4
50°	1713.7	1685.4	1646.6	1599.7	1561.7	1511.6	1455.1	1388.6	1331.8	1266.0	1186.4
47.5°	1949.0	1930.6	1884.9	1830.5	1795.2	1737.0	1667.5	1593.1	1530.3	1440.8	1354.1
45°	2246.8	2213.2	2161.9	2115.1	2060.0	1995.3	1906.7	1835.5	1751.7	1653.9	1528.2
42.5°	2595.6	2547.1	2480.6	2441.2	2375.0	2289.8	2191.2	2101.6	1997.0	1882.7	1738.3
40°	3018.4	2938.3	2870.8	2807.5	2732.0	2619.6	2510.3	2391.0	2265.9	2125.3	1937.4
37.5°	3504.0	3419.2	3319.5	3214.8	3117.5	2989.1	2842.8	2702.3	2552.0	2340.4	2126.3
35°	4009.7	3912.9	3789.8	3662.9	3511.6	3331.8	3180.9	3015.2	2809.9	2535.4	2301.0
32.5°	4509.0	4350.0	4216.8	4079.7	3853.2	3631.2	3468.7	3321.5	2973.0	2689.7	2454.5
30°	4870.0	4668.8	4533.8	4346.2	4061.8	3859.7	3705.3	3399.7	3075.3	2797.3	2574.1
27.5°	4949.0	4800.1	4663.0	4381.5	4136.6	3957.9	3716.5	3404.9	3110.0	2848.4	2632.3
25°	4797.3	4661.3	4494.6	4260.5	4056.1	3872.4	3618.9	3336.7	3072.0	2841.5	2598.9
22.5°	4509.2	4384.9	4233.1	4050.5	3877.1	3689.8	3466.4	3221.8	2994.0	2778.2	2543.5
20°	4233.9	4122.1	3981.3	3836.7	3687.6	3509.9	3297.9	3097.9	2912.6	2703.5	2476.8
17.5°	4017.6	3901.9	3791.5	3666.0	3513.3	3331.8	3179.2	3014.5	2831.3	2623.6	2400.7
15°	3837.2	3750.1	3644.9	3512.6	3372.5	3243.2	3098.2	2929.7	2747.3	2537.3	2329.7
12.5°	3727.1	3634.0	3519.0	3415.5	3298.8	3163.5	3014.1	2842.3	2667.8	2492.0	2305.8
10°	3639.0	3550.9	3456.1	3347.2	3224.0	3083.6	2943.8	2794.5	2632.1	2459.4	2275.2
7.5°	3582.6	3491.7	3390.7	3284.6	3166.3	3040.2	2903.0	2754.5	2590.4	2418.2	2237.5
5°	3527.8	3437.3	3340.2	3238.3	3117.4	2991.5	2855.7	2706.8	2542.1	2368.2	2192.4
2.5°	3465.1	3379.5	3285.9	3183.9	3061.1	2935.5	2801.5	2650.7	2488.5	2321.4	2141.1
0°	3394.6	3315.7	3214.9	3112.3	2996.6	2873.9	2739.8	2585.6	2426.9	2269.2	2081.6
-2.5°	3327.5	3243.6	3150.5	3048.7	2937.8	2810.8	2677.5	2528.3	2366.3	2206.9	2023.4
-5°	3245.6	3164.0	3070.6	2964.3	2852.6	2727.2	2594.7	2450.5	2291.2	2133.5	1958.3
-7.5°	3140.2	3061.8	2973.5	2867.8	2753.7	2628.4	2494.5	2350.4	2195.3	2039.3	1868.9
-10°	3013.6	2930.2	2840.5	2741.9	2635.1	2516.7	2384.3	2240.5	2091.1	1935.8	1772.0
-12.5°	2865.1	2785.8	2696.0	2599.6	2494.3	2378.5	2255.9	2118.7	1979.1	1823.0	1667.6
-15°	2707.1	2637.3	2548.8	2447.9	2340.3	2230.7	2114.2	1983.4	1854.4	1701.8	1555.9
-17.5°	2555.7	2478.9	2391.6	2298.5	2190.6	2075.2	1962.7	1842.7	1718.0	1578.9	1445.5
-20°	2385.8	2308.1	2227.1	2137.5	2034.7	1923.8	1809.1	1694.6	1577.5	1456.4	1335.1



REPORT NUMBER: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2194.1	2126.0	2049.5	1964.7	1864.1	1760.0	1654.8	1546.8	1436.0	1331.7	1222.9
-25°	1988.5	1926.8	1851.6	1771.4	1682.6	1588.5	1496.3	1400.4	1305.0	1207.2	1110.7
-27.5°	1766.2	1709.0	1643.8	1573.6	1495.0	1418.6	1337.1	1254.4	1177.4	1091.1	1006.9
-30°	1538.5	1493.9	1438.0	1372.0	1317.3	1253.6	1179.6	1120.8	1054.0	980.2	911.6
-32.5°	1319.2	1283.3	1237.3	1193.5	1147.8	1096.8	1046.3	991.7	933.4	880.8	824.7
-35°	1121.5	1091.6	1066.6	1033.7	990.9	957.1	918.2	873.3	828.8	786.5	741.5
-37.5°	958.8	932.1	913.4	889.0	859.2	827.7	802.1	771.3	734.8	701.0	664.5
-40°	819.1	797.0	783.4	768.7	748.3	718.9	702.7	679.8	654.7	622.2	592.8
-42.5°	707.3	696.9	681.4	672.1	656.1	636.1	615.4	602.2	582.1	556.7	532.7
-45°	621.9	615.2	601.8	592.6	580.8	565.0	543.9	534.0	518.8	501.2	478.5
-47.5°	553.4	548.5	538.7	526.5	517.5	503.8	489.1	475.1	466.1	451.1	432.4
-50°	496.7	492.0	483.3	471.2	462.9	452.5	440.8	426.9	418.4	405.6	390.1
-52.5°	447.8	441.8	434.1	424.0	416.0	408.7	398.3	385.6	374.5	365.7	354.3
-55°	401.7	396.6	391.4	384.2	375.4	368.4	358.6	347.6	338.4	330.8	321.1
-57.5°	362.8	358.2	352.6	345.8	337.8	330.9	323.5	315.0	305.5	298.4	289.4
-60°	323.4	318.5	314.4	309.2	303.0	296.7	290.7	283.4	274.7	267.6	259.7
-62.5°	286.6	282.6	279.2	275.1	270.1	264.5	259.1	253.0	245.8	238.5	231.9
-65°	252.0	249.2	246.2	242.7	238.5	233.7	229.1	223.9	218.1	211.7	205.5
-67.5°	218.5	216.1	213.5	210.9	208.0	204.7	201.0	196.6	191.7	186.5	181.3
-70°	186.7	184.3	182.4	180.8	179.1	176.8	173.9	170.5	166.5	162.4	157.8
-72.5°	156.9	155.3	154.0	153.1	151.6	149.8	147.7	145.3	142.5	139.2	134.9
-75°	129.4	128.5	127.6	127.0	125.8	124.3	122.5	120.7	118.4	115.7	112.2
-77.5°	104.1	103.5	102.7	102.1	101.1	99.6	97.9	96.5	95.0	92.8	90.1
-80°	80.6	80.3	79.8	79.3	78.5	77.5	76.4	75.0	73.2	71.2	69.2
-82.5°	59.4	59.0	58.5	58.1	57.4	56.5	55.5	54.4	53.3	52.0	50.5
-85°	38.0	37.9	37.7	37.3	36.8	36.4	35.9	35.5	34.9	34.3	33.5
-87.5°	16.9	16.8	16.7	17.1	17.5	17.7	17.9	17.7	17.5	17.1	16.8
-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: P558754 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-927-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°	12.7	12.4	12.0	11.6	11.3	11.0	10.5	10.0	9.1	8.2	7.3
85°	34.0	31.9	29.6	27.0	24.6	22.0	21.1	20.0	18.3	16.5	14.6
82.5°	63.5	60.4	57.2	53.6	49.7	45.5	41.2	36.5	30.7	25.2	21.9
80°	100.1	95.0	89.4	83.2	76.4	69.1	63.1	56.5	48.4	40.6	33.0
77.5°	141.9	133.2	123.8	115.8	107.4	98.4	88.7	77.7	65.9	55.8	46.1
75°	188.5	177.5	166.2	153.9	140.9	127.7	116.2	102.7	86.8	71.3	58.9
72.5°	246.4	229.4	211.9	193.9	178.2	162.1	145.5	127.4	108.7	90.4	72.6
70°	308.4	285.0	263.0	241.3	218.8	196.5	177.2	154.8	130.2	109.1	88.7
67.5°	374.4	348.8	320.9	290.2	263.0	236.7	209.7	182.5	154.9	127.6	104.5
65°	449.3	417.0	382.0	348.4	312.5	277.2	247.0	211.1	179.2	149.0	120.0
62.5°	531.7	489.5	451.5	409.2	367.1	325.6	283.1	242.7	203.7	169.9	137.2
60°	625.1	578.8	525.5	478.1	427.4	376.5	326.0	273.3	230.6	190.2	154.9
57.5°	727.9	673.4	616.3	553.7	494.1	433.9	368.7	308.2	256.6	212.2	171.8
55°	835.3	774.1	709.6	640.6	567.1	497.6	413.7	343.9	282.9	234.0	187.6
52.5°	955.5	882.4	808.0	730.2	649.3	559.5	463.6	377.6	312.4	254.9	204.3
50°	1094.0	1002.6	914.3	824.9	732.6	624.6	510.3	417.8	340.1	275.9	220.2
47.5°	1252.1	1141.1	1031.7	924.4	822.3	685.0	561.6	456.2	365.8	298.4	235.1
45°	1415.7	1293.4	1161.0	1036.9	895.1	746.2	611.7	491.6	397.0	318.0	248.7
42.5°	1579.9	1447.6	1305.5	1150.3	969.9	804.1	657.3	531.4	425.7	335.9	263.1
40°	1762.4	1601.3	1449.6	1255.7	1037.9	856.8	704.3	568.6	451.5	354.1	277.4
37.5°	1936.4	1758.3	1591.5	1336.1	1100.1	910.8	747.3	602.0	475.1	373.6	290.5
35°	2098.8	1910.5	1663.0	1401.5	1161.8	956.4	785.3	633.4	500.2	390.9	302.2
32.5°	2246.9	2007.9	1717.8	1452.6	1210.8	993.7	819.8	661.4	521.7	405.7	312.5
30°	2347.9	2044.4	1755.4	1489.5	1247.3	1029.8	847.9	684.7	539.5	418.3	322.1
27.5°	2353.2	2061.3	1775.5	1512.5	1272.4	1056.3	869.3	703.1	553.8	430.0	332.1
25°	2334.8	2053.9	1778.5	1521.0	1285.7	1078.0	885.6	717.0	566.9	441.3	340.2
22.5°	2291.6	2027.4	1765.1	1515.2	1300.3	1093.0	899.2	728.8	577.5	449.9	346.6
20°	2237.2	1984.5	1742.5	1520.9	1307.7	1102.5	909.3	736.5	584.4	455.7	351.2
17.5°	2170.4	1950.4	1738.7	1519.8	1307.7	1105.4	913.9	740.0	587.6	458.8	354.0
15°	2139.7	1937.0	1727.4	1511.7	1300.5	1101.7	913.1	739.5	587.4	459.5	356.0
12.5°	2115.0	1916.0	1708.9	1496.6	1286.3	1091.7	907.0	735.1	583.9	459.5	357.5
10°	2083.8	1887.3	1683.3	1474.5	1265.5	1075.8	896.0	728.5	582.1	458.8	357.6
7.5°	2045.8	1851.1	1650.6	1445.6	1240.5	1057.9	884.8	721.0	578.4	456.1	356.4
5°	2001.6	1811.1	1615.5	1417.9	1221.4	1039.1	869.8	710.0	572.3	451.5	353.9
2.5°	1953.8	1769.8	1576.2	1384.3	1197.4	1015.6	850.9	695.6	563.8	445.3	350.1
0°	1898.4	1721.4	1530.3	1344.5	1168.3	987.8	828.3	678.4	553.1	437.4	345.3
-2.5°	1849.8	1668.3	1480.9	1301.3	1126.0	954.5	803.6	661.0	541.2	429.7	340.2
-5°	1793.2	1608.3	1425.6	1252.5	1079.2	917.7	775.9	641.4	527.4	420.6	334.2
-7.5°	1710.1	1535.0	1362.7	1197.8	1028.6	878.0	745.7	619.7	511.9	410.2	327.2
-10°	1616.4	1451.9	1291.3	1135.9	979.5	838.9	713.7	596.4	494.8	398.7	319.3
-12.5°	1517.4	1364.5	1216.1	1071.0	928.8	800.3	683.2	573.6	476.6	386.2	310.7
-15°	1413.8	1273.3	1137.5	1003.9	876.4	759.7	651.1	550.2	458.8	373.3	301.4
-17.5°	1308.3	1179.1	1056.2	935.3	823.0	717.6	618.0	525.7	439.9	360.5	292.1
-20°	1212.0	1091.1	973.3	865.9	769.1	674.2	584.1	500.1	420.2	347.0	282.6



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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°	1116.0	1010.0	903.5	801.4	716.3	629.8	549.7	473.8	399.8	332.8	272.5
-25°	1020.4	929.3	835.4	747.8	665.0	588.7	516.5	446.8	378.9	318.2	261.8
-27.5°	930.3	850.6	767.1	694.1	620.3	548.2	484.5	421.2	358.6	303.2	250.5
-30°	844.4	775.5	705.8	641.5	576.0	512.9	452.4	395.7	340.2	288.6	238.7
-32.5°	765.0	701.3	647.2	592.7	535.3	477.9	422.6	370.3	321.7	274.1	227.6
-35°	691.2	638.0	590.4	545.5	496.0	446.1	395.4	345.1	303.1	259.2	216.8
-37.5°	621.0	581.8	541.1	501.2	456.9	414.9	369.8	324.4	284.7	243.9	205.7
-40°	563.2	529.8	495.8	459.2	422.2	384.4	344.1	304.8	266.7	228.2	194.4
-42.5°	508.2	482.2	452.9	418.4	390.0	356.2	318.7	284.7	249.3	214.2	183.0
-45°	459.2	437.2	412.2	386.3	359.2	328.3	296.4	264.6	231.9	200.9	171.9
-47.5°	413.1	396.7	376.4	354.8	329.7	301.5	273.8	245.3	214.4	187.7	161.3
-50°	374.2	360.1	343.8	324.2	300.8	276.9	251.6	226.1	199.8	174.7	150.5
-52.5°	340.5	327.0	312.4	294.3	274.4	252.2	231.1	207.3	184.9	162.0	139.4
-55°	308.8	295.6	282.2	266.8	248.9	230.4	210.9	190.6	169.8	149.4	128.4
-57.5°	278.8	266.0	254.5	240.6	225.6	209.5	192.0	173.8	155.3	136.6	118.6
-60°	250.1	239.6	228.3	216.9	203.8	189.1	173.5	157.1	140.9	124.0	108.6
-62.5°	223.7	214.2	204.8	194.5	182.5	169.3	155.1	141.2	126.3	112.6	98.6
-65°	198.8	191.0	182.1	172.3	161.4	149.8	137.9	125.1	113.1	101.1	88.4
-67.5°	175.1	167.9	159.2	150.2	141.5	131.8	120.7	110.5	100.3	89.5	78.4
-70°	152.0	144.9	137.7	130.8	123.0	114.1	105.3	96.4	87.3	78.3	68.4
-72.5°	129.7	124.1	118.4	112.1	105.3	98.0	90.1	82.4	75.3	67.2	58.3
-75°	108.0	103.7	99.2	94.1	88.2	81.9	75.8	69.6	63.2	56.0	49.3
-77.5°	87.1	83.8	80.2	76.5	72.0	67.2	62.1	56.7	51.5	46.3	40.7
-80°	67.4	65.3	62.9	60.1	56.4	52.5	48.8	44.9	40.9	36.6	32.1
-82.5°	49.1	47.7	46.0	44.1	41.5	39.0	36.3	33.5	30.4	27.0	23.7
-85°	32.5	31.3	30.0	28.5	27.0	25.4	23.9	22.2	20.1	18.0	15.8
-87.5°	16.1	15.5	14.8	14.1	13.4	12.7	11.9	11.1	10.1	9.0	7.9
-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°	6.3	5.4	4.3	3.3	2.2	1.1	0.0
85°	12.7	10.7	8.7	6.6	4.4	2.2	0.0
82.5°	19.0	16.0	13.0	9.8	6.6	3.3	0.0
80°	25.8	21.3	17.3	13.1	8.8	4.3	0.0
77.5°	36.7	27.8	21.5	16.3	11.0	5.4	0.0
75°	47.4	36.5	26.2	19.5	13.1	6.5	0.0
72.5°	58.0	45.0	32.8	22.7	15.2	7.5	0.0
70°	68.8	53.4	39.3	26.1	17.3	8.5	0.0
67.5°	81.9	61.6	45.7	30.7	19.4	9.5	0.0
65°	94.7	70.7	51.9	35.3	21.4	10.5	0.0
62.5°	107.1	80.7	58.0	39.7	23.3	11.5	0.0
60°	119.0	90.2	63.9	44.0	25.3	12.4	0.0
57.5°	132.4	99.4	70.9	48.2	28.0	13.4	0.0
55°	145.5	108.3	77.8	52.2	30.6	14.3	0.0
52.5°	157.9	116.9	84.3	56.1	33.1	15.1	0.0
50°	169.5	126.4	90.5	59.8	35.6	16.0	0.0
47.5°	180.6	135.3	96.4	63.6	38.0	16.8	0.0
45°	192.2	143.6	102.0	67.7	40.3	17.5	0.0
42.5°	202.9	151.3	107.2	71.6	42.4	18.3	0.0
40°	212.6	158.4	112.5	75.3	44.5	19.0	0.0
37.5°	221.4	164.8	117.7	78.8	46.4	19.7	0.0
35°	229.3	171.2	122.5	82.1	48.3	20.3	0.0
32.5°	236.8	177.3	126.9	85.2	50.0	20.9	0.0
30°	244.9	182.5	130.8	88.0	51.6	21.4	0.0
27.5°	251.9	187.1	134.4	90.6	53.1	21.9	0.0
25°	257.7	190.9	137.7	93.0	54.4	22.4	0.0
22.5°	262.5	194.3	140.5	95.0	55.6	22.8	0.0
20°	266.3	197.6	142.8	96.9	56.7	23.2	0.0
17.5°	269.6	200.3	144.7	98.5	57.6	23.5	0.0
15°	272.4	202.5	146.2	99.8	58.5	23.8	0.0
12.5°	274.0	204.1	147.2	100.9	59.1	24.0	0.0
10°	274.7	205.1	147.8	101.7	59.7	24.2	0.0
7.5°	274.4	205.5	148.0	102.3	60.1	24.3	0.0
5°	273.2	205.3	147.9	102.6	60.4	24.4	0.0
2.5°	271.1	204.6	147.3	102.7	60.5	24.5	0.0
0°	268.2	203.3	146.4	102.5	60.5	24.5	0.0
-2.5°	265.1	201.4	145.7	102.0	60.4	24.5	0.0
-5°	261.3	198.9	144.6	101.3	60.1	24.5	0.0
-7.5°	256.8	196.0	143.3	100.4	59.7	24.5	0.0
-10°	251.6	192.6	141.6	99.3	59.1	24.4	0.0
-12.5°	245.9	188.8	139.5	97.9	58.4	24.2	0.0
-15°	239.5	184.7	137.2	96.3	57.7	24.0	0.0
-17.5°	232.6	180.1	134.5	94.5	56.7	23.8	0.0
-20°	225.4	175.3	131.6	92.5	55.7	23.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	218.2	170.1	128.4	90.3	54.6	23.1	0.0
-25°	210.6	165.0	124.8	87.9	53.3	22.7	0.0
-27.5°	202.6	159.7	121.0	85.4	52.0	22.3	0.0
-30°	194.2	154.0	117.0	82.7	50.5	21.8	0.0
-32.5°	185.5	147.9	112.8	79.8	49.0	21.3	0.0
-35°	177.4	141.6	108.4	76.7	47.4	20.7	0.0
-37.5°	169.3	135.3	103.8	73.5	45.6	20.1	0.0
-40°	161.0	129.2	98.9	70.2	43.8	19.4	0.0
-42.5°	152.4	122.9	94.1	66.7	41.9	18.7	0.0
-45°	143.5	116.4	89.4	63.2	40.0	18.0	0.0
-47.5°	134.4	109.7	84.4	59.5	37.9	17.2	0.0
-50°	126.1	102.8	79.3	56.2	35.8	16.4	0.0
-52.5°	117.8	95.8	74.1	52.9	33.7	15.6	0.0
-55°	109.3	89.0	68.7	49.6	31.4	14.7	0.0
-57.5°	100.7	82.1	63.1	46.1	29.1	13.8	0.0
-60°	92.1	75.1	57.5	42.6	26.8	12.8	0.0
-62.5°	83.6	68.0	52.7	39.0	24.8	11.9	0.0
-65°	75.0	60.7	47.9	35.3	22.8	10.9	0.0
-67.5°	66.3	54.0	42.9	31.6	20.6	9.9	0.0
-70°	57.5	47.8	37.9	27.7	18.5	8.8	0.0
-72.5°	49.9	41.5	32.9	24.3	16.3	7.8	0.0
-75°	42.4	35.2	27.7	20.9	14.0	6.7	0.0
-77.5°	34.8	28.8	23.1	17.5	11.7	5.6	0.0
-80°	27.2	22.9	18.5	14.0	9.4	4.5	0.0
-82.5°	20.4	17.2	13.9	10.5	7.1	3.4	0.0
-85°	13.6	11.5	9.3	7.0	4.7	2.3	0.0
-87.5°	6.8	5.7	4.6	3.5	2.4	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)