

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: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559162 (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-SA6B-940-U-WAF-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

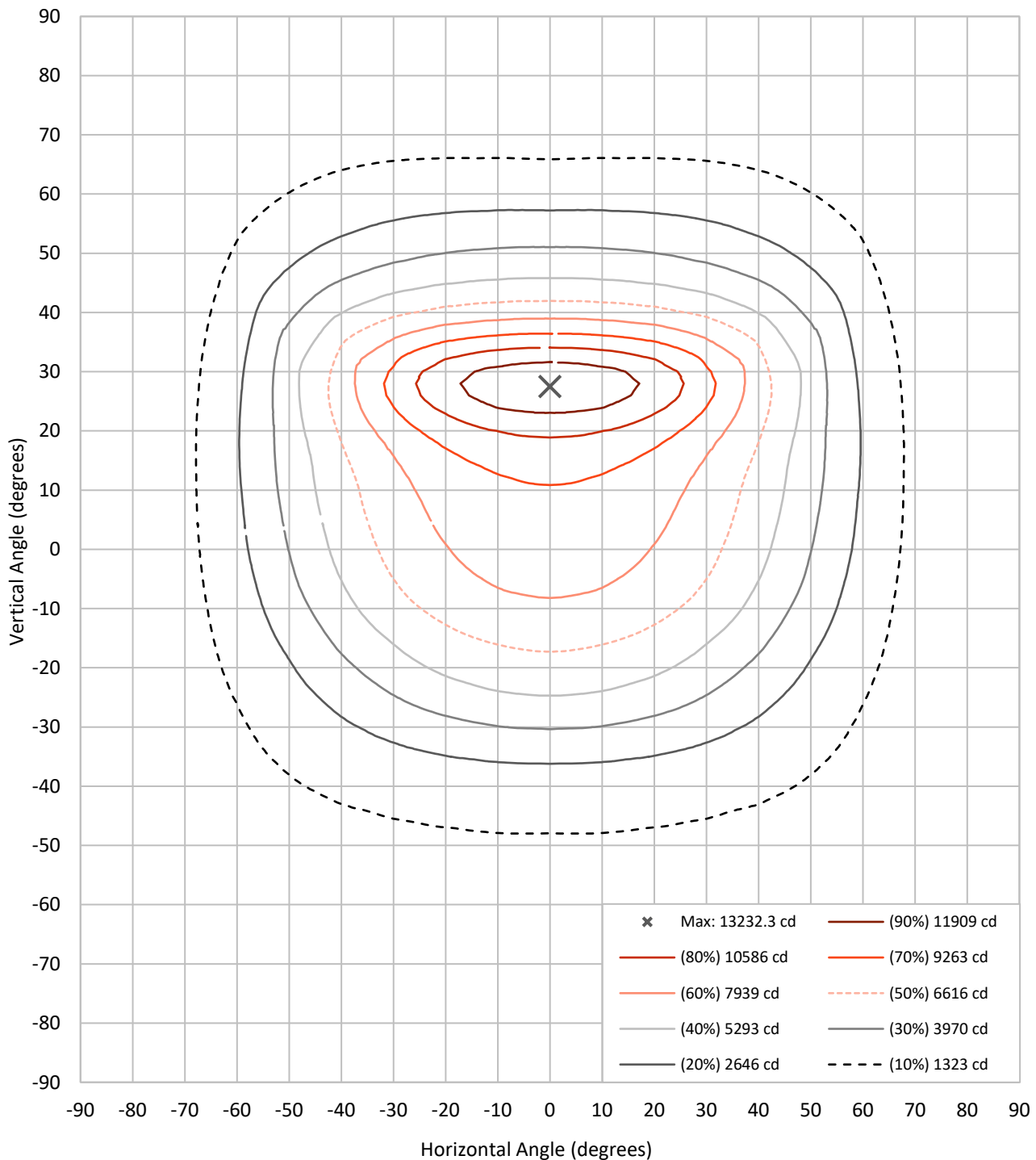
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	19290.4 lumens	Max Intensity:	13232.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	104.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	10004.9 lumens	Field Lumens:	17845.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 185  
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





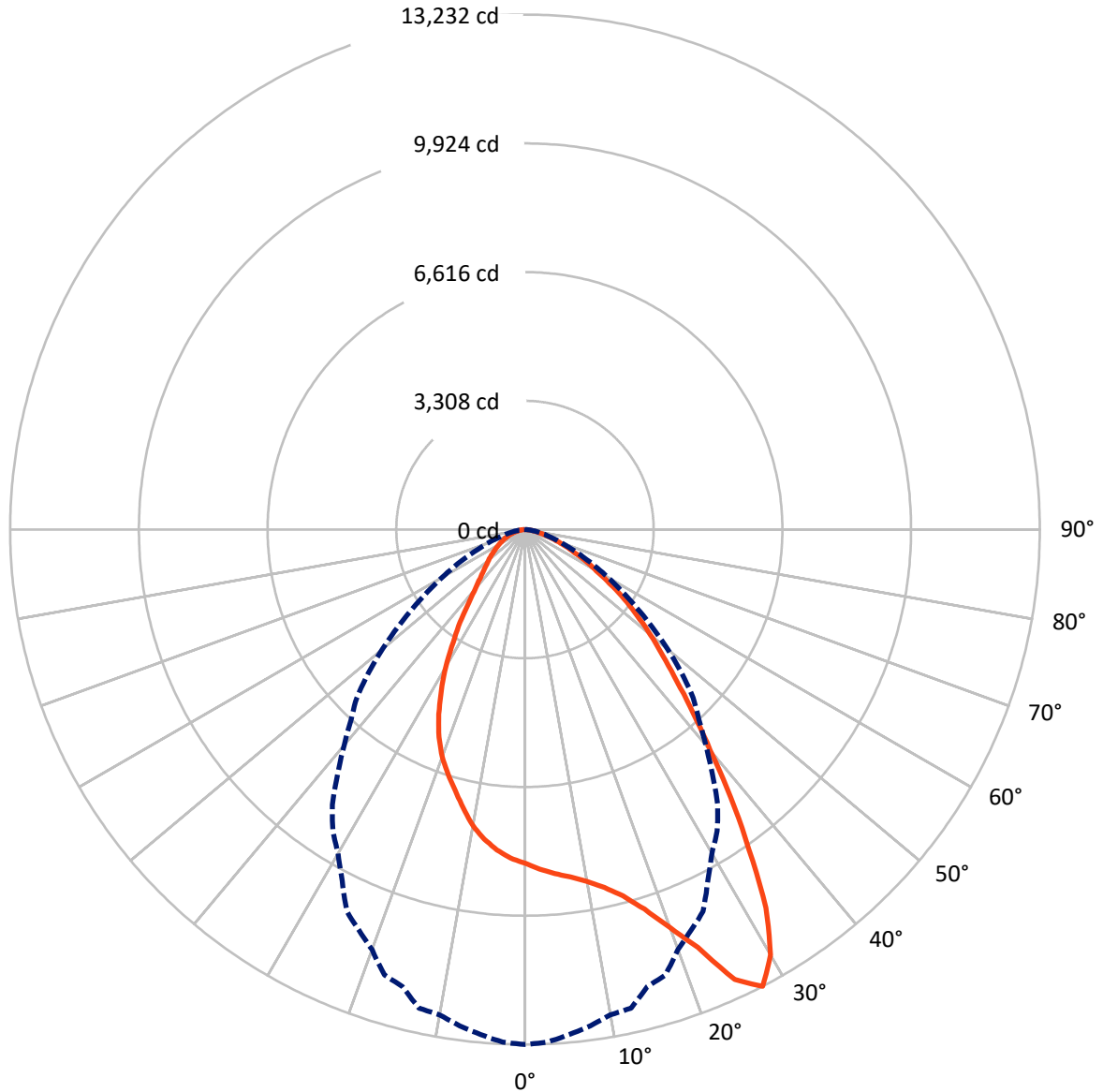
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### Lumen Table

90																			
80	1.3	11.6		28.9		37.8		39.2		37.8		28.9		11.6		1.3			
70																			
60	5.2	6.5	14.4	24.3	33.3	39.8	43.3	44.5	44.5	43.3	39.8	33.3	24.3	14.4	6.5	5.2			
50		10.8	26.3	45.3	64.2	79.6	90.0	94.8	94.8	90.0	79.6	64.2	45.3	26.3	10.8				
40	9.3	15.5	42.2	77.3	112.3	140.7	160.1	170.1	170.1	160.1	140.7	112.3	77.3	42.2	15.5	9.3			
30		19.8	57.5	115.3	181.8	240.2	281.9	302.8	302.8	281.9	240.2	181.8	115.3	57.5	19.8				
20	11.7	22.3	62.8	128.6	205.9	280.6	338.3	369.6	369.6	338.3	280.6	205.9	128.6	62.8	22.3	11.7			
10		23.0	61.9	118.0	179.4	234.6	275.3	296.5	296.5	275.3	234.6	179.4	118.0	61.9	23.0				
0	11.7	22.1	58.0	109.5	164.7	213.5	249.6	267.3	267.3	249.6	213.5	164.7	109.5	58.0	22.1	11.7			
-10		19.9	51.2	97.6	149.2	195.3	229.2	246.8	246.8	229.2	195.3	149.2	97.6	51.2	19.9				
-20	9.8	16.9	41.2	78.2	121.9	162.5	192.9	209.0	209.0	192.9	162.5	121.9	78.2	41.2	16.9	9.8			
-30		13.7	30.8	56.1	86.7	117.9	142.0	155.9	155.9	142.0	117.9	86.7	56.1	30.8	13.7				
-40	6.9	10.6	22.3	37.3	53.6	69.2	81.5	88.4	88.4	81.5	69.2	53.6	37.3	22.3	10.6	6.9			
-50		8.0	15.8	24.2	32.3	39.3	44.3	46.8	46.8	44.3	39.3	32.3	24.2	15.8	8.0				
-60	3.9	5.8	10.9	16.1	20.9	25.2	28.4	29.8	29.8	28.4	25.2	20.9	16.1	10.9	5.8	3.9			
-70		3.8	7.0	10.3	13.3	15.8	17.5	18.3	18.3	17.5	15.8	13.3	10.3	7.0	3.8				
-80	1.2	7.8		16.6		22.4		24.1		22.4		16.6		7.8		1.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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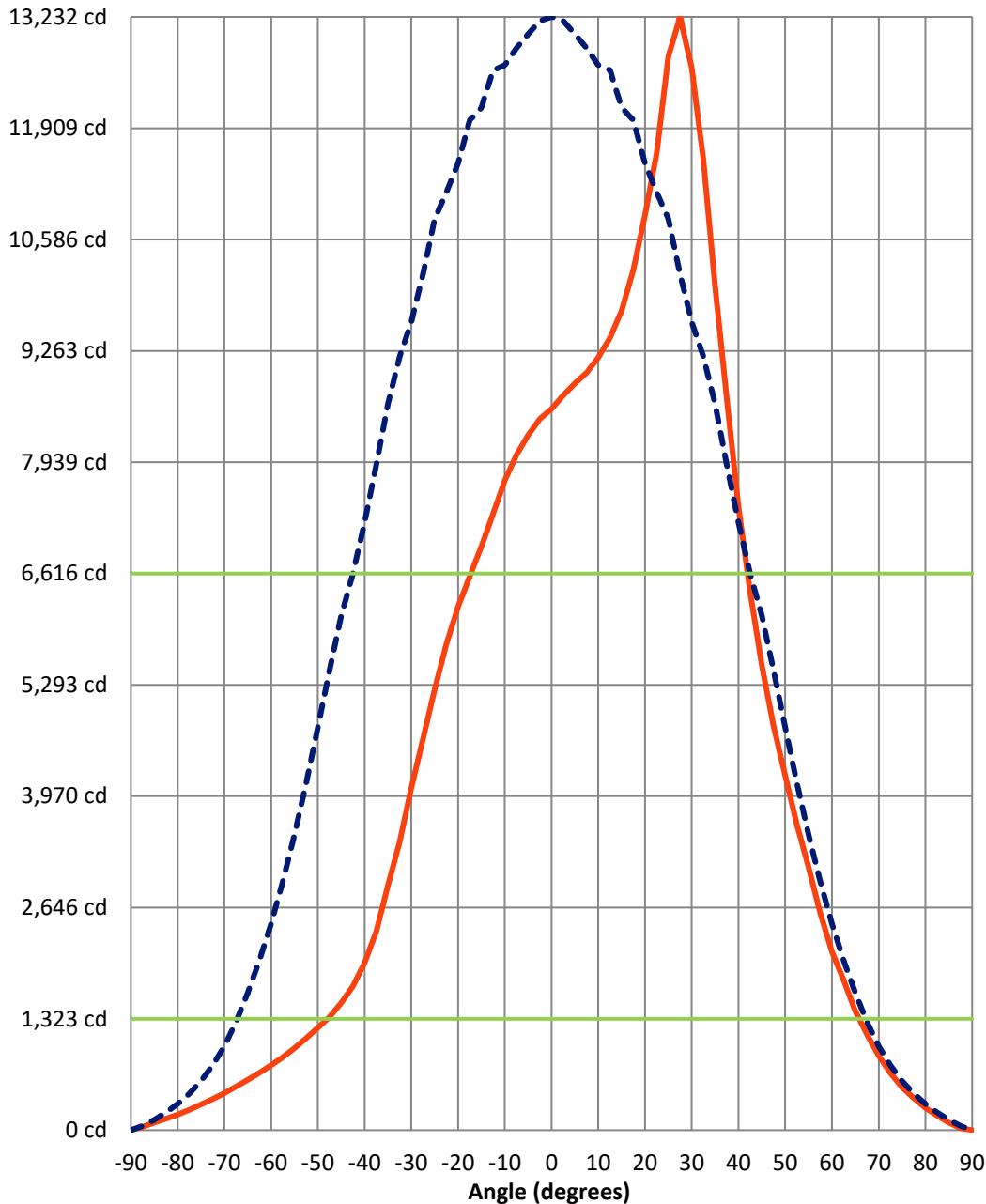
### Luminous Intensity Polar Plot



— 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: 10004.9  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 17845.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1445.1  
 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	2.5	5.1	7.6	10.1	12.4	14.7	17.0	19.1	21.2	23.2
85°	0.0	5.1	10.3	15.3	20.1	24.9	29.5	33.9	38.3	42.4	46.5
82.5°	0.0	7.6	15.4	22.8	30.1	37.2	44.2	50.9	58.5	71.3	84.6
80°	0.0	10.1	20.5	30.4	40.1	49.6	60.1	76.8	94.2	112.4	131.3
77.5°	0.0	12.5	25.5	37.9	50.0	64.6	85.3	107.0	129.6	153.1	180.5
75°	0.0	15.0	30.5	45.3	60.9	84.8	110.2	136.8	165.4	201.6	238.6
72.5°	0.0	17.4	35.4	52.7	76.2	104.6	134.7	168.4	209.8	252.3	295.9
70°	0.0	19.8	40.2	60.7	91.3	124.0	159.7	206.0	253.4	302.4	359.5
67.5°	0.0	22.2	45.0	71.4	106.1	143.1	190.2	242.7	296.4	359.8	423.8
65°	0.0	24.5	49.7	82.0	120.6	164.2	219.9	278.7	346.0	416.1	490.4
62.5°	0.0	26.7	54.2	92.2	134.6	187.3	248.6	318.7	394.4	472.9	563.7
60°	0.0	28.9	58.7	102.2	148.3	209.6	276.3	359.6	441.6	535.6	634.6
57.5°	0.0	31.1	65.0	111.9	164.7	230.9	307.5	399.0	492.8	596.0	715.7
55°	0.0	33.2	71.1	121.3	180.6	251.4	337.9	435.6	543.5	657.0	798.6
52.5°	0.0	35.2	77.0	130.3	195.8	271.5	366.6	474.5	592.0	725.5	876.9
50°	0.0	37.1	82.7	138.9	210.3	293.5	393.7	511.4	640.9	789.8	970.3
47.5°	0.0	39.0	88.2	147.6	224.0	314.2	419.4	545.9	693.1	849.6	1059.5
45°	0.0	40.8	93.5	157.3	236.9	333.5	446.4	577.7	738.5	921.9	1141.6
42.5°	0.0	42.5	98.5	166.3	249.0	351.4	471.2	610.9	780.2	988.6	1234.0
40°	0.0	44.2	103.3	175.0	261.2	367.8	493.8	644.3	822.3	1048.5	1320.5
37.5°	0.0	45.7	107.8	183.2	273.5	382.8	514.2	674.6	867.7	1103.4	1398.0
35°	0.0	47.2	112.1	190.8	284.6	397.7	532.4	701.7	907.7	1161.6	1471.0
32.5°	0.0	48.5	116.1	197.9	294.7	411.7	549.9	725.8	942.3	1211.5	1536.1
30°	0.0	49.8	119.8	204.5	303.7	424.0	568.6	748.1	971.4	1253.0	1590.0
27.5°	0.0	51.0	123.2	210.5	312.3	434.5	584.9	771.3	998.5	1286.1	1632.9
25°	0.0	52.0	126.3	215.9	319.8	443.4	598.5	790.2	1024.8	1316.5	1665.1
22.5°	0.0	53.0	129.1	220.8	326.3	451.2	609.7	804.9	1044.7	1341.2	1692.6
20°	0.0	53.9	131.6	225.0	331.7	458.9	618.4	815.5	1058.2	1357.1	1710.4
17.5°	0.0	54.6	133.8	228.7	336.1	465.3	626.2	822.2	1065.6	1364.6	1718.6
15°	0.0	55.3	135.7	231.8	339.5	470.3	632.5	826.8	1067.1	1364.1	1717.5
12.5°	0.0	55.9	137.3	234.3	341.8	473.9	636.4	830.3	1067.1	1356.0	1707.3
10°	0.0	56.3	138.6	236.2	343.3	476.2	637.9	830.5	1065.3	1351.9	1691.8
7.5°	0.0	56.6	139.5	237.6	343.7	477.2	637.2	827.7	1059.1	1343.4	1674.5
5°	0.0	56.9	140.1	238.3	343.3	476.8	634.4	821.8	1048.5	1329.1	1648.8
2.5°	0.0	57.0	140.4	238.5	342.0	475.2	629.5	813.2	1034.0	1309.3	1615.5
0°	0.0	57.0	140.4	238.1	339.9	472.2	622.8	802.0	1015.7	1284.4	1575.4
-2.5°	0.0	57.1	140.1	237.0	338.3	467.7	615.7	790.2	997.7	1256.7	1535.1
-5°	0.0	57.0	139.4	235.4	335.8	462.1	606.8	776.1	976.6	1224.7	1489.5
-7.5°	0.0	56.9	138.5	233.2	332.7	455.3	596.4	759.8	952.6	1188.6	1439.3
-10°	0.0	56.7	137.2	230.5	328.7	447.4	584.4	741.6	925.9	1149.0	1385.1
-12.5°	0.0	56.3	135.7	227.3	324.0	438.6	571.0	721.6	896.8	1106.8	1332.0
-15°	0.0	55.8	133.8	223.6	318.6	428.9	556.2	699.9	867.0	1065.3	1277.8
-17.5°	0.0	55.2	131.7	219.4	312.5	418.4	540.1	678.3	837.2	1021.5	1220.7
-20°	0.0	54.5	129.4	214.8	305.6	407.1	523.5	656.3	805.7	975.7	1161.4



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 CATALOG NUMBER: GFLD-SA6B-940-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	53.7	126.7	209.7	298.1	395.2	506.8	632.9	772.9	928.4	1100.3
-25°	0.0	52.8	123.8	204.2	290.0	383.3	489.1	608.0	738.9	879.9	1037.6
-27.5°	0.0	51.8	120.7	198.3	281.1	370.9	470.5	581.7	704.0	832.9	978.2
-30°	0.0	50.7	117.4	192.0	271.7	357.6	451.0	554.3	670.2	790.0	918.9
-32.5°	0.0	49.5	113.8	185.3	262.0	343.7	430.8	528.7	636.6	747.0	860.0
-35°	0.0	48.1	110.0	178.2	251.7	329.0	412.0	503.4	601.9	703.9	801.6
-37.5°	0.0	46.7	106.0	170.8	241.0	314.3	393.3	477.7	566.4	661.0	753.4
-40°	0.0	45.2	101.8	163.0	229.7	300.1	374.0	451.4	530.1	619.3	707.7
-42.5°	0.0	43.5	97.4	155.0	218.6	285.4	354.0	424.9	497.4	578.9	661.2
-45°	0.0	41.8	92.8	146.8	207.6	270.3	333.4	399.1	466.7	538.5	614.4
-47.5°	0.0	40.0	88.1	138.2	196.1	254.7	312.3	374.5	435.9	498.0	569.7
-50°	0.0	38.1	83.2	130.5	184.3	238.8	292.9	349.4	405.6	464.0	525.1
-52.5°	0.0	36.2	78.2	122.9	172.1	222.5	273.6	323.8	376.2	429.4	481.4
-55°	0.0	34.1	73.0	115.1	159.5	206.7	253.9	298.2	347.0	394.3	442.7
-57.5°	0.0	32.0	67.7	107.1	146.6	190.8	234.0	275.4	317.3	360.6	403.5
-60°	0.0	29.8	62.2	98.9	133.6	174.5	213.9	252.4	288.0	327.2	364.9
-62.5°	0.0	27.6	57.6	90.5	122.5	157.9	194.2	228.9	261.5	293.4	327.9
-65°	0.0	25.3	52.8	82.0	111.2	141.0	174.2	205.4	234.8	262.8	290.7
-67.5°	0.0	22.9	47.9	73.2	99.8	125.4	154.0	182.2	207.8	233.0	256.6
-70°	0.0	20.5	42.9	64.4	88.1	111.0	133.5	158.8	182.0	202.9	223.9
-72.5°	0.0	18.0	37.7	56.4	76.3	96.4	115.8	135.4	156.1	174.8	191.5
-75°	0.0	15.5	32.5	48.5	64.3	81.7	98.4	114.5	130.1	146.7	161.6
-77.5°	0.0	13.0	27.2	40.6	53.5	66.9	80.9	94.6	107.5	119.6	131.7
-80°	0.0	10.4	21.9	32.5	42.9	53.1	63.2	74.5	85.1	95.1	104.4
-82.5°	0.0	7.8	16.4	24.4	32.3	39.9	47.3	55.0	62.7	70.5	77.8
-85°	0.0	5.2	11.0	16.3	21.5	26.6	31.6	36.7	41.7	46.7	51.6
-87.5°	0.0	2.6	5.5	8.2	10.8	13.3	15.8	18.4	20.9	23.4	25.8
-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):**

	-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°	24.5	25.5	26.3	26.8	27.9	28.8	29.5	30.2	30.7	31.2	31.5
85°	48.9	50.9	57.0	62.7	68.7	74.1	78.9	83.2	86.6	89.5	91.7
82.5°	95.5	105.7	115.4	124.5	132.8	140.2	147.3	155.5	162.1	167.7	172.2
80°	146.5	160.4	177.4	193.2	207.5	220.6	232.6	243.3	251.7	260.1	268.3
77.5°	205.9	228.5	249.5	268.8	287.5	309.4	329.6	348.1	362.4	373.2	381.5
75°	269.8	296.5	327.2	357.5	386.0	412.2	437.7	468.7	494.0	512.9	528.1
72.5°	338.0	376.5	413.9	450.2	492.1	532.7	572.2	610.3	643.8	668.4	688.3
70°	411.7	456.4	508.1	560.4	610.6	661.7	716.2	765.7	806.7	835.7	863.3
67.5°	486.9	549.7	610.8	673.8	745.1	810.0	869.5	932.2	987.4	1023.8	1055.5
65°	573.7	643.8	725.6	809.1	887.3	968.4	1043.5	1111.5	1181.2	1231.9	1273.5
62.5°	657.5	756.2	852.7	950.3	1048.7	1136.9	1234.9	1322.4	1392.5	1465.0	1527.1
60°	757.0	874.3	992.5	1110.3	1220.3	1344.2	1451.7	1553.4	1647.1	1728.0	1804.4
57.5°	856.3	1007.7	1147.6	1285.8	1431.4	1563.9	1690.3	1804.1	1916.2	2009.7	2101.5
55°	960.8	1155.7	1317.1	1487.8	1647.9	1797.6	1939.6	2082.3	2201.7	2330.5	2442.7
52.5°	1076.7	1299.3	1507.9	1695.8	1876.4	2049.0	2218.9	2390.6	2558.3	2691.9	2818.7
50°	1185.0	1450.4	1701.3	1915.8	2123.3	2328.3	2540.7	2755.2	2940.0	3092.9	3224.8
47.5°	1304.3	1590.7	1909.5	2146.8	2395.8	2649.9	2907.6	3144.6	3346.0	3553.9	3699.6
45°	1420.5	1732.8	2078.7	2407.9	2696.0	3003.7	3287.6	3549.0	3840.8	4067.8	4262.6
42.5°	1526.5	1867.4	2252.4	2671.4	3031.7	3361.8	3669.1	4036.9	4372.1	4637.6	4880.5
40°	1635.7	1989.8	2410.3	2916.1	3366.3	3718.7	4092.7	4499.2	4935.6	5262.2	5552.6
37.5°	1735.5	2115.1	2554.8	3102.9	3695.8	4083.3	4496.8	4937.9	5435.3	5926.5	6275.6
35°	1823.8	2221.1	2698.1	3254.8	3861.9	4436.6	4874.0	5343.7	5888.0	6525.5	7002.2
32.5°	1903.9	2307.7	2811.8	3373.3	3989.2	4663.0	5217.9	5700.2	6246.3	6904.1	7713.6
30°	1969.2	2391.6	2896.6	3458.9	4076.6	4747.7	5452.5	5977.9	6496.1	7141.7	7895.1
27.5°	2018.7	2453.1	2954.9	3512.4	4123.4	4787.0	5464.9	6113.0	6614.8	7222.2	7907.4
25°	2056.7	2503.5	2985.8	3532.2	4130.2	4769.7	5422.1	6035.4	6598.7	7134.2	7749.0
22.5°	2088.2	2538.3	3019.7	3518.9	4099.1	4708.3	5321.8	5906.6	6451.9	6953.1	7482.0
20°	2111.8	2560.5	3036.8	3531.9	4046.8	4608.6	5195.3	5751.9	6278.5	6763.9	7194.3
17.5°	2122.5	2567.1	3036.8	3529.5	4038.0	4529.4	5040.2	5575.2	6092.9	6575.2	7000.4
15°	2120.6	2558.5	3020.1	3510.7	4011.5	4498.3	4969.0	5410.3	5892.4	6379.9	6803.6
12.5°	2106.5	2535.3	2987.2	3475.5	3968.5	4449.5	4911.7	5354.8	5787.0	6195.4	6600.5
10°	2081.0	2498.3	2938.9	3424.2	3909.0	4382.9	4839.1	5283.8	5711.5	6112.4	6489.6
7.5°	2054.8	2456.9	2880.8	3357.1	3833.2	4298.7	4750.8	5196.3	5615.7	6015.7	6396.6
5°	2020.1	2413.0	2836.5	3292.7	3751.7	4205.9	4648.2	5091.5	5499.8	5903.4	6285.9
2.5°	1976.1	2358.5	2780.6	3214.8	3660.4	4109.9	4537.3	4972.3	5391.0	5778.9	6155.8
0°	1923.5	2293.9	2713.2	3122.3	3553.8	3997.6	4408.7	4834.1	5269.7	5636.1	6004.5
-2.5°	1866.2	2216.6	2614.9	3022.0	3439.0	3874.2	4295.7	4699.0	5125.0	5495.4	5871.6
-5°	1801.9	2131.2	2506.3	2908.8	3310.7	3734.9	4164.4	4547.8	4954.7	5321.0	5690.9
-7.5°	1731.7	2039.0	2388.8	2781.6	3164.5	3564.6	3971.3	4340.2	4735.8	5098.1	5458.5
-10°	1657.6	1948.1	2274.6	2637.9	2998.9	3371.8	3753.8	4115.1	4495.4	4856.2	5203.0
-12.5°	1586.6	1858.5	2157.0	2487.3	2824.1	3168.7	3524.0	3872.7	4233.6	4596.0	4920.3
-15°	1512.2	1764.3	2035.3	2331.4	2641.6	2957.0	3283.2	3613.3	3952.0	4306.6	4606.1
-17.5°	1435.3	1666.4	1911.3	2172.1	2452.7	2738.2	3038.2	3356.8	3666.7	3989.8	4279.5
-20°	1356.5	1565.6	1786.1	2011.0	2260.2	2534.0	2814.6	3100.5	3382.1	3663.4	3935.5



REPORT NUMBER: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-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°	1276.7	1462.7	1663.4	1861.2	2098.3	2345.5	2591.7	2839.9	3092.5	3334.7	3592.1
-25°	1199.5	1367.1	1544.4	1736.7	1940.2	2158.1	2369.7	2579.4	2803.5	3030.5	3252.1
-27.5°	1125.2	1273.1	1440.4	1611.9	1781.5	1975.4	2160.5	2338.3	2533.9	2734.1	2913.1
-30°	1050.6	1191.1	1337.6	1489.8	1639.0	1800.9	1961.0	2116.9	2276.2	2447.7	2602.8
-32.5°	981.5	1109.8	1243.1	1376.5	1503.1	1628.7	1776.7	1915.2	2045.5	2167.7	2303.0
-35°	918.3	1035.9	1151.8	1266.8	1371.1	1481.5	1605.3	1722.0	1826.6	1924.7	2028.2
-37.5°	858.7	963.4	1061.1	1163.9	1256.6	1351.1	1442.2	1543.2	1628.0	1706.4	1791.3
-40°	799.0	892.6	980.5	1066.4	1151.4	1230.3	1308.0	1376.8	1445.0	1520.4	1578.8
-42.5°	740.2	827.1	905.7	971.7	1051.8	1119.9	1180.2	1237.2	1293.0	1351.8	1398.5
-45°	688.3	762.3	834.0	897.1	957.3	1015.3	1066.5	1111.2	1164.0	1204.8	1240.1
-47.5°	635.9	700.0	765.6	823.8	874.1	921.3	959.4	1004.2	1047.5	1082.5	1103.2
-50°	584.4	643.0	698.5	752.8	798.3	836.2	869.1	906.0	942.0	971.7	991.3
-52.5°	536.8	585.8	637.3	683.5	725.4	759.3	790.7	822.8	849.2	869.6	895.3
-55°	489.8	535.0	578.0	619.4	655.3	686.4	717.1	745.6	768.2	785.8	807.1
-57.5°	445.8	486.5	524.0	558.8	591.0	617.7	647.6	672.0	693.0	709.5	731.4
-60°	402.8	439.2	473.3	503.7	530.1	556.4	580.8	603.2	621.5	637.9	658.0
-62.5°	360.1	393.0	423.7	451.6	475.6	497.4	519.4	538.5	553.8	570.8	587.5
-65°	320.1	347.9	374.7	400.1	422.9	443.6	461.7	477.1	491.5	506.6	520.0
-67.5°	280.3	306.1	328.7	348.8	369.8	389.9	406.7	420.9	433.0	445.2	456.5
-70°	244.5	265.1	285.7	303.8	319.8	336.6	352.9	366.3	377.1	386.7	395.9
-72.5°	209.4	227.6	244.6	260.3	274.8	288.3	301.1	313.3	323.3	330.8	337.4
-75°	176.1	190.2	204.9	218.7	230.4	240.9	250.7	260.4	268.6	275.0	280.3
-77.5°	144.1	156.1	167.3	177.9	186.4	194.6	202.3	209.3	215.6	220.5	224.1
-80°	113.2	121.8	131.0	139.6	146.2	151.7	156.6	160.7	165.4	170.1	174.3
-82.5°	84.3	90.5	96.5	102.4	107.0	110.8	114.2	117.4	120.7	123.8	126.5
-85°	55.5	59.0	62.7	66.3	69.8	72.8	75.5	77.7	79.6	81.1	82.4
-87.5°	27.7	29.5	31.2	32.7	34.4	36.0	37.5	38.9	39.8	40.6	41.2
-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: P559162 (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°	31.7	31.8	31.7	31.6	31.4	30.1	28.7	27.2	25.6	26.4	27.1
85°	93.3	93.7	93.4	92.5	90.9	90.8	90.5	89.9	89.1	90.4	91.6
82.5°	175.6	176.9	177.1	176.3	174.5	175.3	175.6	175.2	174.2	175.4	176.2
80°	274.5	277.1	277.2	275.3	271.6	272.1	272.4	271.6	269.8	270.2	270.1
77.5°	391.0	397.0	399.1	398.2	394.5	393.4	390.7	385.4	377.6	377.5	377.7
75°	539.6	545.8	549.0	548.8	545.2	542.8	539.4	533.3	524.5	524.2	524.3
72.5°	703.7	712.7	716.8	720.5	720.4	719.1	714.7	705.5	692.0	690.4	692.1
70°	884.8	900.1	909.7	917.2	923.0	924.3	921.4	914.0	902.2	899.1	898.2
67.5°	1086.6	1111.0	1129.4	1141.7	1153.3	1161.6	1164.7	1161.4	1151.9	1148.7	1150.0
65°	1312.8	1350.4	1381.4	1404.7	1420.3	1431.3	1440.9	1446.7	1448.1	1451.4	1455.9
62.5°	1577.0	1623.2	1666.4	1695.8	1710.9	1721.6	1752.6	1770.5	1775.6	1776.7	1783.5
60°	1871.9	1930.3	1984.2	2027.5	2062.5	2088.9	2115.3	2132.8	2139.3	2140.6	2150.0
57.5°	2194.5	2267.8	2330.9	2398.0	2444.7	2471.7	2507.0	2543.4	2562.4	2567.8	2590.2
55°	2551.4	2651.4	2733.2	2804.9	2870.2	2927.6	2976.2	3013.7	3041.3	3058.0	3087.6
52.5°	2946.0	3063.6	3149.1	3233.3	3326.9	3392.9	3436.0	3505.3	3555.5	3583.1	3618.4
50°	3379.3	3510.3	3626.8	3715.1	3824.0	3914.1	3979.8	4045.5	4091.4	4117.7	4151.8
47.5°	3872.5	4033.8	4169.1	4250.9	4377.3	4483.5	4526.3	4575.9	4662.4	4704.0	4740.5
45°	4427.9	4633.6	4783.9	4911.9	5020.6	5139.7	5217.7	5274.0	5359.2	5402.0	5429.0
42.5°	5088.6	5317.5	5515.6	5669.2	5760.6	5915.0	6027.7	6059.4	6180.2	6262.1	6286.2
40°	5829.7	6083.4	6344.6	6519.8	6666.9	6823.8	7009.6	7113.1	7215.2	7295.5	7313.7
37.5°	6601.9	6941.6	7239.7	7465.9	7709.0	7940.4	8137.4	8244.9	8311.9	8465.4	8522.8
35°	7387.0	7737.5	8155.1	8506.5	8801.2	9087.0	9311.7	9488.7	9657.2	9795.5	9878.3
32.5°	8055.5	8432.7	8948.3	9474.5	9792.6	10102.1	10471.2	10673.7	10898.6	11080.8	11213.9
30°	8604.9	8963.5	9432.9	10093.2	10528.8	10842.4	11309.7	11589.7	11834.6	12143.4	12250.9
27.5°	8630.9	9191.5	9606.5	10175.2	10828.9	11147.2	11493.0	12002.0	12156.4	12596.7	12660.1
25°	8404.3	8992.9	9419.5	9894.2	10437.7	10824.9	11140.7	11563.9	11785.5	12068.7	12286.2
22.5°	8049.9	8568.7	9003.8	9406.4	9830.5	10183.1	10471.8	10769.3	11012.4	11232.1	11436.2
20°	7658.6	8151.0	8563.7	8909.9	9246.0	9572.9	9832.5	10082.3	10292.7	10481.3	10597.4
17.5°	7383.0	7737.3	8158.9	8513.5	8805.0	9061.5	9330.1	9539.2	9723.7	9893.4	9999.6
15°	7194.9	7531.8	7831.9	8157.3	8464.4	8709.0	8911.2	9127.0	9286.5	9432.6	9547.6
12.5°	6999.6	7346.7	7660.8	7931.8	8172.2	8439.4	8655.5	8825.2	8992.5	9107.2	9225.4
10°	6836.5	7161.3	7487.1	7773.2	8026.2	8246.3	8450.9	8641.3	8791.4	8920.1	9013.2
7.5°	6741.8	7060.3	7353.1	7627.7	7874.2	8108.8	8319.9	8494.4	8643.2	8776.4	8873.9
5°	6632.0	6947.2	7239.6	7520.2	7757.0	7982.4	8192.7	8372.2	8526.1	8644.8	8738.1
2.5°	6506.1	6817.1	7108.7	7394.0	7630.7	7848.1	8047.0	8222.1	8382.6	8495.6	8575.1
0°	6362.7	6674.1	6959.1	7227.8	7465.9	7700.0	7883.2	8060.3	8217.0	8328.9	8408.3
-2.5°	6218.1	6527.5	6822.6	7080.0	7316.4	7532.5	7727.5	7894.7	8044.4	8155.8	8225.5
-5°	6025.8	6333.4	6624.5	6883.9	7130.8	7347.8	7537.3	7707.4	7851.7	7973.2	8067.7
-7.5°	5793.0	6104.1	6394.9	6659.7	6905.4	7110.5	7292.5	7463.9	7617.8	7750.6	7866.9
-10°	5537.0	5844.7	6119.4	6367.5	6596.5	6804.9	6998.6	7167.9	7308.9	7438.9	7536.9
-12.5°	5238.9	5523.8	5792.5	6037.0	6260.9	6469.6	6653.8	6815.0	6957.0	7072.3	7160.5
-15°	4909.9	5180.3	5434.9	5684.8	5919.2	6124.8	6286.8	6456.7	6579.8	6691.6	6771.1
-17.5°	4558.0	4819.4	5087.2	5337.7	5554.0	5756.8	5935.1	6090.4	6219.6	6322.2	6411.8
-20°	4201.3	4467.5	4725.2	4964.0	5172.1	5360.1	5540.6	5689.8	5822.2	5933.7	6038.9



REPORT NUMBER: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3843.1	4087.3	4329.1	4562.7	4759.5	4937.3	5095.3	5238.0	5354.8	5486.4	5579.2
-25°	3475.0	3689.1	3907.5	4113.8	4299.9	4474.5	4617.8	4742.9	4864.7	4991.7	5082.2
-27.5°	3105.2	3294.5	3471.9	3654.4	3817.5	3968.8	4101.7	4211.3	4329.5	4414.3	4513.8
-30°	2739.5	2911.1	3059.1	3186.2	3339.5	3469.3	3572.8	3681.6	3779.2	3860.2	3944.1
-32.5°	2429.8	2547.2	2665.4	2771.6	2873.6	2980.3	3063.7	3158.6	3225.6	3295.4	3363.1
-35°	2132.3	2222.7	2301.1	2400.5	2476.9	2535.0	2604.6	2674.2	2701.0	2776.9	2817.3
-37.5°	1862.8	1922.1	1995.3	2064.5	2121.2	2164.6	2226.6	2263.1	2282.3	2331.4	2357.6
-40°	1632.1	1669.5	1737.9	1785.1	1819.2	1850.8	1902.2	1925.9	1952.2	1976.6	1977.3
-42.5°	1429.2	1477.4	1523.7	1560.8	1582.4	1618.3	1642.6	1645.2	1679.2	1700.9	1704.2
-45°	1263.2	1312.2	1348.9	1376.1	1397.6	1428.6	1444.2	1452.9	1480.6	1495.4	1501.8
-47.5°	1135.7	1169.9	1201.7	1222.7	1251.0	1273.9	1285.3	1299.9	1321.2	1334.7	1344.3
-50°	1023.6	1050.7	1074.8	1094.1	1122.3	1142.6	1153.6	1171.6	1187.4	1197.2	1204.8
-52.5°	925.0	949.2	966.0	984.7	1008.0	1026.1	1040.0	1057.8	1071.0	1079.6	1086.4
-55°	832.7	855.5	871.8	892.2	908.9	921.0	932.9	950.3	963.3	972.0	977.8
-57.5°	751.3	768.4	784.4	803.0	818.8	832.0	842.6	852.2	860.7	868.0	873.6
-60°	675.0	688.9	703.6	718.1	730.1	739.6	751.0	759.7	765.2	768.7	773.3
-62.5°	601.7	614.2	627.2	638.9	648.5	656.4	665.6	672.8	677.9	681.5	684.2
-65°	532.0	542.8	553.8	563.5	571.8	578.7	585.2	590.2	593.8	596.8	599.2
-67.5°	466.8	475.3	483.0	489.8	496.0	501.9	507.5	511.4	513.5	515.9	518.5
-70°	403.9	410.6	415.8	419.8	423.5	428.1	433.6	437.4	439.6	442.0	444.3
-72.5°	343.0	348.0	352.2	355.6	357.6	360.6	364.3	367.4	369.8	371.6	372.4
-75°	284.4	288.5	292.2	294.8	296.3	298.5	300.4	301.4	301.6	302.4	303.0
-77.5°	227.2	231.2	234.6	237.1	238.6	240.4	241.7	242.5	242.7	242.8	242.3
-80°	177.4	180.1	182.4	184.1	185.2	186.4	187.2	187.3	186.9	187.3	187.4
-82.5°	128.9	131.3	133.3	134.8	135.8	137.0	138.0	138.7	139.1	139.3	139.1
-85°	83.4	84.5	85.6	86.5	87.4	88.0	88.3	88.3	88.2	88.2	88.1
-87.5°	41.7	41.2	40.5	39.7	38.7	39.0	39.2	39.3	39.3	39.7	40.1
-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: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.8	28.4	26.4	24.4	26.4	28.4	27.8	27.1	26.4	25.6	27.2
85°	92.5	93.1	91.5	89.6	91.5	93.1	92.5	91.6	90.4	89.1	89.9
82.5°	176.5	176.2	174.8	173.0	174.8	176.2	176.5	176.2	175.4	174.2	175.2
80°	269.2	267.4	266.3	264.6	266.3	267.4	269.2	270.1	270.2	269.8	271.6
77.5°	376.8	374.7	378.0	380.6	378.0	374.7	376.8	377.7	377.5	377.6	385.4
75°	522.3	518.3	514.4	508.9	514.4	518.3	522.3	524.3	524.2	524.5	533.3
72.5°	691.3	688.1	685.0	679.8	685.0	688.1	691.3	692.1	690.4	692.0	705.5
70°	892.8	883.3	884.9	885.4	884.9	883.3	892.8	898.2	899.1	902.2	914.0
67.5°	1146.3	1137.7	1138.8	1137.8	1138.8	1137.7	1146.3	1150.0	1148.7	1151.9	1161.4
65°	1453.2	1443.6	1431.9	1414.6	1431.9	1443.6	1453.2	1455.9	1451.4	1448.1	1446.7
62.5°	1782.7	1774.1	1779.1	1783.0	1779.1	1774.1	1782.7	1783.5	1776.7	1775.6	1770.5
60°	2148.5	2136.5	2130.6	2120.9	2130.6	2136.5	2148.5	2150.0	2140.6	2139.3	2132.8
57.5°	2600.4	2598.2	2593.0	2578.9	2593.0	2598.2	2600.4	2590.2	2567.8	2562.4	2543.4
55°	3101.5	3098.7	3110.3	3124.4	3110.3	3098.7	3101.5	3087.6	3058.0	3041.3	3013.7
52.5°	3644.5	3653.6	3650.4	3631.2	3650.4	3653.6	3644.5	3618.4	3583.1	3555.5	3505.3
50°	4181.9	4192.2	4203.2	4213.3	4203.2	4192.2	4181.9	4151.8	4117.7	4091.4	4045.5
47.5°	4791.0	4818.1	4822.9	4803.6	4822.9	4818.1	4791.0	4740.5	4704.0	4662.4	4575.9
45°	5483.1	5499.5	5507.7	5524.1	5507.7	5499.5	5483.1	5429.0	5402.0	5359.2	5274.0
42.5°	6355.6	6374.5	6377.5	6395.3	6377.5	6374.5	6355.6	6286.2	6262.1	6180.2	6059.4
40°	7391.2	7421.9	7416.6	7408.9	7416.6	7421.9	7391.2	7313.7	7295.5	7215.2	7113.1
37.5°	8603.5	8655.6	8661.1	8693.3	8661.1	8655.6	8603.5	8522.8	8465.4	8311.9	8244.9
35°	9964.0	10025.4	10014.8	10030.6	10014.8	10025.4	9964.0	9878.3	9795.5	9657.2	9488.7
32.5°	11336.4	11428.5	11447.0	11524.6	11447.0	11428.5	11336.4	11213.9	11080.8	10898.6	10673.7
30°	12414.7	12543.7	12627.9	12621.7	12627.9	12543.7	12414.7	12250.9	12143.4	11834.6	11589.7
27.5°	12861.3	13028.5	13185.1	13232.3	13185.1	13028.5	12861.3	12660.1	12596.7	12156.4	12002.0
25°	12425.6	12547.7	12686.0	12760.1	12686.0	12547.7	12425.6	12286.2	12068.7	11785.5	11563.9
22.5°	11530.1	11609.6	11656.6	11618.2	11656.6	11609.6	11530.1	11436.2	11232.1	11012.4	10769.3
20°	10717.5	10818.1	10836.8	10877.3	10836.8	10818.1	10717.5	10597.4	10481.3	10292.7	10082.3
17.5°	10112.7	10178.6	10217.2	10226.0	10217.2	10178.6	10112.7	9999.6	9893.4	9723.7	9539.2
15°	9638.7	9691.5	9726.2	9741.5	9726.2	9691.5	9638.7	9547.6	9432.6	9286.5	9127.0
12.5°	9302.9	9367.2	9398.8	9417.9	9398.8	9367.2	9302.9	9225.4	9107.2	8992.5	8825.2
10°	9087.5	9149.6	9174.6	9183.8	9174.6	9149.6	9087.5	9013.2	8920.1	8791.4	8641.3
7.5°	8932.8	8972.7	8989.5	9002.7	8989.5	8972.7	8932.8	8873.9	8776.4	8643.2	8494.4
5°	8808.0	8839.8	8857.6	8876.5	8857.6	8839.8	8808.0	8738.1	8644.8	8526.1	8372.2
2.5°	8638.2	8683.6	8715.0	8734.0	8715.0	8683.6	8638.2	8575.1	8495.6	8382.6	8222.1
0°	8471.4	8514.2	8536.6	8573.2	8536.6	8514.2	8471.4	8408.3	8328.9	8217.0	8060.3
-2.5°	8288.0	8337.5	8396.4	8453.1	8396.4	8337.5	8288.0	8225.5	8155.8	8044.4	7894.7
-5°	8147.7	8213.1	8225.4	8261.8	8225.4	8213.1	8147.7	8067.7	7973.2	7851.7	7707.4
-7.5°	7936.1	7965.9	8016.7	8025.7	8016.7	7965.9	7936.1	7866.9	7750.6	7617.8	7463.9
-10°	7610.0	7658.5	7690.1	7722.4	7690.1	7658.5	7610.0	7536.9	7438.9	7308.9	7167.9
-12.5°	7226.8	7283.8	7334.7	7327.5	7334.7	7283.8	7226.8	7160.5	7072.3	6957.0	6815.0
-15°	6853.5	6908.5	6943.5	6938.8	6943.5	6908.5	6853.5	6771.1	6691.6	6579.8	6456.7
-17.5°	6482.9	6533.2	6583.8	6582.6	6583.8	6533.2	6482.9	6411.8	6322.2	6219.6	6090.4
-20°	6100.3	6143.3	6197.5	6220.2	6197.5	6143.3	6100.3	6038.9	5933.7	5822.2	5689.8



REPORT NUMBER: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-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°	5657.9	5712.9	5752.3	5776.5	5752.3	5712.9	5657.9	5579.2	5486.4	5354.8	5238.0
-25°	5142.2	5198.7	5228.6	5239.2	5228.6	5198.7	5142.2	5082.2	4991.7	4864.7	4742.9
-27.5°	4572.5	4635.8	4666.5	4650.9	4666.5	4635.8	4572.5	4513.8	4414.3	4329.5	4211.3
-30°	3988.2	4028.8	4033.5	4068.8	4033.5	4028.8	3988.2	3944.1	3860.2	3779.2	3681.6
-32.5°	3411.7	3438.9	3423.4	3425.6	3423.4	3438.9	3411.7	3363.1	3295.4	3225.6	3158.6
-35°	2842.5	2864.2	2868.5	2908.6	2868.5	2864.2	2842.5	2817.3	2776.9	2701.0	2674.2
-37.5°	2384.9	2393.6	2380.2	2361.1	2380.2	2393.6	2384.9	2357.6	2331.4	2282.3	2263.1
-40°	1996.7	2003.5	1998.5	1988.6	1998.5	2003.5	1996.7	1977.3	1976.6	1952.2	1925.9
-42.5°	1717.5	1717.6	1713.0	1711.8	1713.0	1717.6	1717.5	1704.2	1700.9	1679.2	1645.2
-45°	1511.2	1513.4	1513.0	1512.3	1513.0	1513.4	1511.2	1501.8	1495.4	1480.6	1452.9
-47.5°	1351.2	1351.7	1349.6	1345.4	1349.6	1351.7	1351.2	1344.3	1334.7	1321.2	1299.9
-50°	1209.5	1209.5	1212.3	1217.2	1212.3	1209.5	1209.5	1204.8	1197.2	1187.4	1171.6
-52.5°	1089.9	1089.6	1091.1	1093.0	1091.1	1089.6	1089.9	1086.4	1079.6	1071.0	1057.8
-55°	980.4	979.8	978.3	975.0	978.3	979.8	980.4	977.8	972.0	963.3	950.3
-57.5°	875.7	874.5	871.8	867.1	871.8	874.5	875.7	873.6	868.0	860.7	852.2
-60°	775.8	776.3	775.0	771.4	775.0	776.3	775.8	773.3	768.7	765.2	759.7
-62.5°	684.8	683.4	683.2	681.9	683.2	683.4	684.8	684.2	681.5	677.9	672.8
-65°	599.6	598.2	598.7	598.4	598.7	598.2	599.6	599.2	596.8	593.8	590.2
-67.5°	519.5	519.0	519.4	519.0	519.4	519.0	519.5	518.5	515.9	513.5	511.4
-70°	445.5	445.7	443.4	439.7	443.4	445.7	445.5	444.3	442.0	439.6	437.4
-72.5°	372.2	370.9	371.0	370.4	371.0	370.9	372.2	372.4	371.6	369.8	367.4
-75°	302.8	302.0	303.9	305.3	303.9	302.0	302.8	303.0	302.4	301.6	301.4
-77.5°	241.1	239.3	240.9	242.2	240.9	239.3	241.1	242.3	242.8	242.7	242.5
-80°	187.2	186.6	186.1	185.2	186.1	186.6	187.2	187.4	187.3	186.9	187.3
-82.5°	138.6	137.8	137.3	136.4	137.3	137.8	138.6	139.1	139.3	139.1	138.7
-85°	87.7	87.2	88.5	89.6	88.5	87.2	87.7	88.1	88.2	88.2	88.3
-87.5°	40.4	40.5	39.7	38.7	39.7	40.5	40.4	40.1	39.7	39.3	39.3
-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: P559162 (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°	28.7	30.1	31.4	31.6	31.7	31.8	31.7	31.5	31.2	30.7	30.2
85°	90.5	90.8	90.9	92.5	93.4	93.7	93.3	91.7	89.5	86.6	83.2
82.5°	175.6	175.3	174.5	176.3	177.1	176.9	175.6	172.2	167.7	162.1	155.5
80°	272.4	272.1	271.6	275.3	277.2	277.1	274.5	268.3	260.1	251.7	243.3
77.5°	390.7	393.4	394.5	398.2	399.1	397.0	391.0	381.5	373.2	362.4	348.1
75°	539.4	542.8	545.2	548.8	549.0	545.8	539.6	528.1	512.9	494.0	468.7
72.5°	714.7	719.1	720.4	720.5	716.8	712.7	703.7	688.3	668.4	643.8	610.3
70°	921.4	924.3	923.0	917.2	909.7	900.1	884.8	863.3	835.7	806.7	765.7
67.5°	1164.7	1161.6	1153.3	1141.7	1129.4	1111.0	1086.6	1055.5	1023.8	987.4	932.2
65°	1440.9	1431.3	1420.3	1404.7	1381.4	1350.4	1312.8	1273.5	1231.9	1181.2	1111.5
62.5°	1752.6	1721.6	1710.9	1695.8	1666.4	1623.2	1577.0	1527.1	1465.0	1392.5	1322.4
60°	2115.3	2088.9	2062.5	2027.5	1984.2	1930.3	1871.9	1804.4	1728.0	1647.1	1553.4
57.5°	2507.0	2471.7	2444.7	2398.0	2330.9	2267.8	2194.5	2101.5	2009.7	1916.2	1804.1
55°	2976.2	2927.6	2870.2	2804.9	2733.2	2651.4	2551.4	2442.7	2330.5	2201.7	2082.3
52.5°	3436.0	3392.9	3326.9	3233.3	3149.1	3063.6	2946.0	2818.7	2691.9	2558.3	2390.6
50°	3979.8	3914.1	3824.0	3715.1	3626.8	3510.3	3379.3	3224.8	3092.9	2940.0	2755.2
47.5°	4526.3	4483.5	4377.3	4250.9	4169.1	4033.8	3872.5	3699.6	3553.9	3346.0	3144.6
45°	5217.7	5139.7	5020.6	4911.9	4783.9	4633.6	4427.9	4262.6	4067.8	3840.8	3549.0
42.5°	6027.7	5915.0	5760.6	5669.2	5515.6	5317.5	5088.6	4880.5	4637.6	4372.1	4036.9
40°	7009.6	6823.8	6666.9	6519.8	6344.6	6083.4	5829.7	5552.6	5262.2	4935.6	4499.2
37.5°	8137.4	7940.4	7709.0	7465.9	7239.7	6941.6	6601.9	6275.6	5926.5	5435.3	4937.9
35°	9311.7	9087.0	8801.2	8506.5	8155.1	7737.5	7387.0	7002.2	6525.5	5888.0	5343.7
32.5°	10471.2	10102.1	9792.6	9474.5	8948.3	8432.7	8055.5	7713.6	6904.1	6246.3	5700.2
30°	11309.7	10842.4	10528.8	10093.2	9432.9	8963.5	8604.9	7895.1	7141.7	6496.1	5977.9
27.5°	11493.0	11147.2	10828.9	10175.2	9606.5	9191.5	8630.9	7907.4	7222.2	6614.8	6113.0
25°	11140.7	10824.9	10437.7	9894.2	9419.5	8992.9	8404.3	7749.0	7134.2	6598.7	6035.4
22.5°	10471.8	10183.1	9830.5	9406.4	9003.8	8568.7	8049.9	7482.0	6953.1	6451.9	5906.6
20°	9832.5	9572.9	9246.0	8909.9	8563.7	8151.0	7658.6	7194.3	6763.9	6278.5	5751.9
17.5°	9330.1	9061.5	8805.0	8513.5	8158.9	7737.3	7383.0	7000.4	6575.2	6092.9	5575.2
15°	8911.2	8709.0	8464.4	8157.3	7831.9	7531.8	7194.9	6803.6	6379.9	5892.4	5410.3
12.5°	8655.5	8439.4	8172.2	7931.8	7660.8	7346.7	6999.6	6600.5	6195.4	5787.0	5354.8
10°	8450.9	8246.3	8026.2	7773.2	7487.1	7161.3	6836.5	6489.6	6112.4	5711.5	5283.8
7.5°	8319.9	8108.8	7874.2	7627.7	7353.1	7060.3	6741.8	6396.6	6015.7	5615.7	5196.3
5°	8192.7	7982.4	7757.0	7520.2	7239.6	6947.2	6632.0	6285.9	5903.4	5499.8	5091.5
2.5°	8047.0	7848.1	7630.7	7394.0	7108.7	6817.1	6506.1	6155.8	5778.9	5391.0	4972.3
0°	7883.2	7700.0	7465.9	7227.8	6959.1	6674.1	6362.7	6004.5	5636.1	5269.7	4834.1
-2.5°	7727.5	7532.5	7316.4	7080.0	6822.6	6527.5	6218.1	5871.6	5495.4	5125.0	4699.0
-5°	7537.3	7347.8	7130.8	6883.9	6624.5	6333.4	6025.8	5690.9	5321.0	4954.7	4547.8
-7.5°	7292.5	7110.5	6905.4	6659.7	6394.9	6104.1	5793.0	5458.5	5098.1	4735.8	4340.2
-10°	6998.6	6804.9	6596.5	6367.5	6119.4	5844.7	5537.0	5203.0	4856.2	4495.4	4115.1
-12.5°	6653.8	6469.6	6260.9	6037.0	5792.5	5523.8	5238.9	4920.3	4596.0	4233.6	3872.7
-15°	6286.8	6124.8	5919.2	5684.8	5434.9	5180.3	4909.9	4606.1	4306.6	3952.0	3613.3
-17.5°	5935.1	5756.8	5554.0	5337.7	5087.2	4819.4	4558.0	4279.5	3989.8	3666.7	3356.8
-20°	5540.6	5360.1	5172.1	4964.0	4725.2	4467.5	4201.3	3935.5	3663.4	3382.1	3100.5



REPORT NUMBER: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5095.3	4937.3	4759.5	4562.7	4329.1	4087.3	3843.1	3592.1	3334.7	3092.5	2839.9
-25°	4617.8	4474.5	4299.9	4113.8	3907.5	3689.1	3475.0	3252.1	3030.5	2803.5	2579.4
-27.5°	4101.7	3968.8	3817.5	3654.4	3471.9	3294.5	3105.2	2913.1	2734.1	2533.9	2338.3
-30°	3572.8	3469.3	3339.5	3186.2	3059.1	2911.1	2739.5	2602.8	2447.7	2276.2	2116.9
-32.5°	3063.7	2980.3	2873.6	2771.6	2665.4	2547.2	2429.8	2303.0	2167.7	2045.5	1915.2
-35°	2604.6	2535.0	2476.9	2400.5	2301.1	2222.7	2132.3	2028.2	1924.7	1826.6	1722.0
-37.5°	2226.6	2164.6	2121.2	2064.5	1995.3	1922.1	1862.8	1791.3	1706.4	1628.0	1543.2
-40°	1902.2	1850.8	1819.2	1785.1	1737.9	1669.5	1632.1	1578.8	1520.4	1445.0	1376.8
-42.5°	1642.6	1618.3	1582.4	1560.8	1523.7	1477.4	1429.2	1398.5	1351.8	1293.0	1237.2
-45°	1444.2	1428.6	1397.6	1376.1	1348.9	1312.2	1263.2	1240.1	1204.8	1164.0	1111.2
-47.5°	1285.3	1273.9	1251.0	1222.7	1201.7	1169.9	1135.7	1103.2	1082.5	1047.5	1004.2
-50°	1153.6	1142.6	1122.3	1094.1	1074.8	1050.7	1023.6	991.3	971.7	942.0	906.0
-52.5°	1040.0	1026.1	1008.0	984.7	966.0	949.2	925.0	895.3	869.6	849.2	822.8
-55°	932.9	921.0	908.9	892.2	871.8	855.5	832.7	807.1	785.8	768.2	745.6
-57.5°	842.6	832.0	818.8	803.0	784.4	768.4	751.3	731.4	709.5	693.0	672.0
-60°	751.0	739.6	730.1	718.1	703.6	688.9	675.0	658.0	637.9	621.5	603.2
-62.5°	665.6	656.4	648.5	638.9	627.2	614.2	601.7	587.5	570.8	553.8	538.5
-65°	585.2	578.7	571.8	563.5	553.8	542.8	532.0	520.0	506.6	491.5	477.1
-67.5°	507.5	501.9	496.0	489.8	483.0	475.3	466.8	456.5	445.2	433.0	420.9
-70°	433.6	428.1	423.5	419.8	415.8	410.6	403.9	395.9	386.7	377.1	366.3
-72.5°	364.3	360.6	357.6	355.6	352.2	348.0	343.0	337.4	330.8	323.3	313.3
-75°	300.4	298.5	296.3	294.8	292.2	288.5	284.4	280.3	275.0	268.6	260.4
-77.5°	241.7	240.4	238.6	237.1	234.6	231.2	227.2	224.1	220.5	215.6	209.3
-80°	187.2	186.4	185.2	184.1	182.4	180.1	177.4	174.3	170.1	165.4	160.7
-82.5°	138.0	137.0	135.8	134.8	133.3	131.3	128.9	126.5	123.8	120.7	117.4
-85°	88.3	88.0	87.4	86.5	85.6	84.5	83.4	82.4	81.1	79.6	77.7
-87.5°	39.2	39.0	38.7	39.7	40.5	41.2	41.7	41.2	40.6	39.8	38.9
-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: P559162 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-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°	29.5	28.8	27.9	26.8	26.3	25.5	24.5	23.2	21.2	19.1	17.0
85°	78.9	74.1	68.7	62.7	57.0	50.9	48.9	46.5	42.4	38.3	33.9
82.5°	147.3	140.2	132.8	124.5	115.4	105.7	95.5	84.6	71.3	58.5	50.9
80°	232.6	220.6	207.5	193.2	177.4	160.4	146.5	131.3	112.4	94.2	76.8
77.5°	329.6	309.4	287.5	268.8	249.5	228.5	205.9	180.5	153.1	129.6	107.0
75°	437.7	412.2	386.0	357.5	327.2	296.5	269.8	238.6	201.6	165.4	136.8
72.5°	572.2	532.7	492.1	450.2	413.9	376.5	338.0	295.9	252.3	209.8	168.4
70°	716.2	661.7	610.6	560.4	508.1	456.4	411.7	359.5	302.4	253.4	206.0
67.5°	869.5	810.0	745.1	673.8	610.8	549.7	486.9	423.8	359.8	296.4	242.7
65°	1043.5	968.4	887.3	809.1	725.6	643.8	573.7	490.4	416.1	346.0	278.7
62.5°	1234.9	1136.9	1048.7	950.3	852.7	756.2	657.5	563.7	472.9	394.4	318.7
60°	1451.7	1344.2	1220.3	1110.3	992.5	874.3	757.0	634.6	535.6	441.6	359.6
57.5°	1690.3	1563.9	1431.4	1285.8	1147.6	1007.7	856.3	715.7	596.0	492.8	399.0
55°	1939.6	1797.6	1647.9	1487.8	1317.1	1155.7	960.8	798.6	657.0	543.5	435.6
52.5°	2218.9	2049.0	1876.4	1695.8	1507.9	1299.3	1076.7	876.9	725.5	592.0	474.5
50°	2540.7	2328.3	2123.3	1915.8	1701.3	1450.4	1185.0	970.3	789.8	640.9	511.4
47.5°	2907.6	2649.9	2395.8	2146.8	1909.5	1590.7	1304.3	1059.5	849.6	693.1	545.9
45°	3287.6	3003.7	2696.0	2407.9	2078.7	1732.8	1420.5	1141.6	921.9	738.5	577.7
42.5°	3669.1	3361.8	3031.7	2671.4	2252.4	1867.4	1526.5	1234.0	988.6	780.2	610.9
40°	4092.7	3718.7	3366.3	2916.1	2410.3	1989.8	1635.7	1320.5	1048.5	822.3	644.3
37.5°	4496.8	4083.3	3695.8	3102.9	2554.8	2115.1	1735.5	1398.0	1103.4	867.7	674.6
35°	4874.0	4436.6	3861.9	3254.8	2698.1	2221.1	1823.8	1471.0	1161.6	907.7	701.7
32.5°	5217.9	4663.0	3989.2	3373.3	2811.8	2307.7	1903.9	1536.1	1211.5	942.3	725.8
30°	5452.5	4747.7	4076.6	3458.9	2896.6	2391.6	1969.2	1590.0	1253.0	971.4	748.1
27.5°	5464.9	4787.0	4123.4	3512.4	2954.9	2453.1	2018.7	1632.9	1286.1	998.5	771.3
25°	5422.1	4769.7	4130.2	3532.2	2985.8	2503.5	2056.7	1665.1	1316.5	1024.8	790.2
22.5°	5321.8	4708.3	4099.1	3518.9	3019.7	2538.3	2088.2	1692.6	1341.2	1044.7	804.9
20°	5195.3	4608.6	4046.8	3531.9	3036.8	2560.5	2111.8	1710.4	1357.1	1058.2	815.5
17.5°	5040.2	4529.4	4038.0	3529.5	3036.8	2567.1	2122.5	1718.6	1364.6	1065.6	822.2
15°	4969.0	4498.3	4011.5	3510.7	3020.1	2558.5	2120.6	1717.5	1364.1	1067.1	826.8
12.5°	4911.7	4449.5	3968.5	3475.5	2987.2	2535.3	2106.5	1707.3	1356.0	1067.1	830.3
10°	4839.1	4382.9	3909.0	3424.2	2938.9	2498.3	2081.0	1691.8	1351.9	1065.3	830.5
7.5°	4750.8	4298.7	3833.2	3357.1	2880.8	2456.9	2054.8	1674.5	1343.4	1059.1	827.7
5°	4648.2	4205.9	3751.7	3292.7	2836.5	2413.0	2020.1	1648.8	1329.1	1048.5	821.8
2.5°	4537.3	4109.9	3660.4	3214.8	2780.6	2358.5	1976.1	1615.5	1309.3	1034.0	813.2
0°	4408.7	3997.6	3553.8	3122.3	2713.2	2293.9	1923.5	1575.4	1284.4	1015.7	802.0
-2.5°	4295.7	3874.2	3439.0	3022.0	2614.9	2216.6	1866.2	1535.1	1256.7	997.7	790.2
-5°	4164.4	3734.9	3310.7	2908.8	2506.3	2131.2	1801.9	1489.5	1224.7	976.6	776.1
-7.5°	3971.3	3564.6	3164.5	2781.6	2388.8	2039.0	1731.7	1439.3	1188.6	952.6	759.8
-10°	3753.8	3371.8	2998.9	2637.9	2274.6	1948.1	1657.6	1385.1	1149.0	925.9	741.6
-12.5°	3524.0	3168.7	2824.1	2487.3	2157.0	1858.5	1586.6	1332.0	1106.8	896.8	721.6
-15°	3283.2	2957.0	2641.6	2331.4	2035.3	1764.3	1512.2	1277.8	1065.3	867.0	699.9
-17.5°	3038.2	2738.2	2452.7	2172.1	1911.3	1666.4	1435.3	1220.7	1021.5	837.2	678.3
-20°	2814.6	2534.0	2260.2	2011.0	1786.1	1565.6	1356.5	1161.4	975.7	805.7	656.3



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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°	2591.7	2345.5	2098.3	1861.2	1663.4	1462.7	1276.7	1100.3	928.4	772.9	632.9
-25°	2369.7	2158.1	1940.2	1736.7	1544.4	1367.1	1199.5	1037.6	879.9	738.9	608.0
-27.5°	2160.5	1975.4	1781.5	1611.9	1440.4	1273.1	1125.2	978.2	832.9	704.0	581.7
-30°	1961.0	1800.9	1639.0	1489.8	1337.6	1191.1	1050.6	918.9	790.0	670.2	554.3
-32.5°	1776.7	1628.7	1503.1	1376.5	1243.1	1109.8	981.5	860.0	747.0	636.6	528.7
-35°	1605.3	1481.5	1371.1	1266.8	1151.8	1035.9	918.3	801.6	703.9	601.9	503.4
-37.5°	1442.2	1351.1	1256.6	1163.9	1061.1	963.4	858.7	753.4	661.0	566.4	477.7
-40°	1308.0	1230.3	1151.4	1066.4	980.5	892.6	799.0	707.7	619.3	530.1	451.4
-42.5°	1180.2	1119.9	1051.8	971.7	905.7	827.1	740.2	661.2	578.9	497.4	424.9
-45°	1066.5	1015.3	957.3	897.1	834.0	762.3	688.3	614.4	538.5	466.7	399.1
-47.5°	959.4	921.3	874.1	823.8	765.6	700.0	635.9	569.7	498.0	435.9	374.5
-50°	869.1	836.2	798.3	752.8	698.5	643.0	584.4	525.1	464.0	405.6	349.4
-52.5°	790.7	759.3	725.4	683.5	637.3	585.8	536.8	481.4	429.4	376.2	323.8
-55°	717.1	686.4	655.3	619.4	578.0	535.0	489.8	442.7	394.3	347.0	298.2
-57.5°	647.6	617.7	591.0	558.8	524.0	486.5	445.8	403.5	360.6	317.3	275.4
-60°	580.8	556.4	530.1	503.7	473.3	439.2	402.8	364.9	327.2	288.0	252.4
-62.5°	519.4	497.4	475.6	451.6	423.7	393.0	360.1	327.9	293.4	261.5	228.9
-65°	461.7	443.6	422.9	400.1	374.7	347.9	320.1	290.7	262.8	234.8	205.4
-67.5°	406.7	389.9	369.8	348.8	328.7	306.1	280.3	256.6	233.0	207.8	182.2
-70°	352.9	336.6	319.8	303.8	285.7	265.1	244.5	223.9	202.9	182.0	158.8
-72.5°	301.1	288.3	274.8	260.3	244.6	227.6	209.4	191.5	174.8	156.1	135.4
-75°	250.7	240.9	230.4	218.7	204.9	190.2	176.1	161.6	146.7	130.1	114.5
-77.5°	202.3	194.6	186.4	177.9	167.3	156.1	144.1	131.7	119.6	107.5	94.6
-80°	156.6	151.7	146.2	139.6	131.0	121.8	113.2	104.4	95.1	85.1	74.5
-82.5°	114.2	110.8	107.0	102.4	96.5	90.5	84.3	77.8	70.5	62.7	55.0
-85°	75.5	72.8	69.8	66.3	62.7	59.0	55.5	51.6	46.7	41.7	36.7
-87.5°	37.5	36.0	34.4	32.7	31.2	29.5	27.7	25.8	23.4	20.9	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	12.4	10.1	7.6	5.1	2.5	0.0
85°	29.5	24.9	20.1	15.3	10.3	5.1	0.0
82.5°	44.2	37.2	30.1	22.8	15.4	7.6	0.0
80°	60.1	49.6	40.1	30.4	20.5	10.1	0.0
77.5°	85.3	64.6	50.0	37.9	25.5	12.5	0.0
75°	110.2	84.8	60.9	45.3	30.5	15.0	0.0
72.5°	134.7	104.6	76.2	52.7	35.4	17.4	0.0
70°	159.7	124.0	91.3	60.7	40.2	19.8	0.0
67.5°	190.2	143.1	106.1	71.4	45.0	22.2	0.0
65°	219.9	164.2	120.6	82.0	49.7	24.5	0.0
62.5°	248.6	187.3	134.6	92.2	54.2	26.7	0.0
60°	276.3	209.6	148.3	102.2	58.7	28.9	0.0
57.5°	307.5	230.9	164.7	111.9	65.0	31.1	0.0
55°	337.9	251.4	180.6	121.3	71.1	33.2	0.0
52.5°	366.6	271.5	195.8	130.3	77.0	35.2	0.0
50°	393.7	293.5	210.3	138.9	82.7	37.1	0.0
47.5°	419.4	314.2	224.0	147.6	88.2	39.0	0.0
45°	446.4	333.5	236.9	157.3	93.5	40.8	0.0
42.5°	471.2	351.4	249.0	166.3	98.5	42.5	0.0
40°	493.8	367.8	261.2	175.0	103.3	44.2	0.0
37.5°	514.2	382.8	273.5	183.2	107.8	45.7	0.0
35°	532.4	397.7	284.6	190.8	112.1	47.2	0.0
32.5°	549.9	411.7	294.7	197.9	116.1	48.5	0.0
30°	568.6	424.0	303.7	204.5	119.8	49.8	0.0
27.5°	584.9	434.5	312.3	210.5	123.2	51.0	0.0
25°	598.5	443.4	319.8	215.9	126.3	52.0	0.0
22.5°	609.7	451.2	326.3	220.8	129.1	53.0	0.0
20°	618.4	458.9	331.7	225.0	131.6	53.9	0.0
17.5°	626.2	465.3	336.1	228.7	133.8	54.6	0.0
15°	632.5	470.3	339.5	231.8	135.7	55.3	0.0
12.5°	636.4	473.9	341.8	234.3	137.3	55.9	0.0
10°	637.9	476.2	343.3	236.2	138.6	56.3	0.0
7.5°	637.2	477.2	343.7	237.6	139.5	56.6	0.0
5°	634.4	476.8	343.3	238.3	140.1	56.9	0.0
2.5°	629.5	475.2	342.0	238.5	140.4	57.0	0.0
0°	622.8	472.2	339.9	238.1	140.4	57.0	0.0
-2.5°	615.7	467.7	338.3	237.0	140.1	57.1	0.0
-5°	606.8	462.1	335.8	235.4	139.4	57.0	0.0
-7.5°	596.4	455.3	332.7	233.2	138.5	56.9	0.0
-10°	584.4	447.4	328.7	230.5	137.2	56.7	0.0
-12.5°	571.0	438.6	324.0	227.3	135.7	56.3	0.0
-15°	556.2	428.9	318.6	223.6	133.8	55.8	0.0
-17.5°	540.1	418.4	312.5	219.4	131.7	55.2	0.0
-20°	523.5	407.1	305.6	214.8	129.4	54.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	506.8	395.2	298.1	209.7	126.7	53.7	0.0
-25°	489.1	383.3	290.0	204.2	123.8	52.8	0.0
-27.5°	470.5	370.9	281.1	198.3	120.7	51.8	0.0
-30°	451.0	357.6	271.7	192.0	117.4	50.7	0.0
-32.5°	430.8	343.7	262.0	185.3	113.8	49.5	0.0
-35°	412.0	329.0	251.7	178.2	110.0	48.1	0.0
-37.5°	393.3	314.3	241.0	170.8	106.0	46.7	0.0
-40°	374.0	300.1	229.7	163.0	101.8	45.2	0.0
-42.5°	354.0	285.4	218.6	155.0	97.4	43.5	0.0
-45°	333.4	270.3	207.6	146.8	92.8	41.8	0.0
-47.5°	312.3	254.7	196.1	138.2	88.1	40.0	0.0
-50°	292.9	238.8	184.3	130.5	83.2	38.1	0.0
-52.5°	273.6	222.5	172.1	122.9	78.2	36.2	0.0
-55°	253.9	206.7	159.5	115.1	73.0	34.1	0.0
-57.5°	234.0	190.8	146.6	107.1	67.7	32.0	0.0
-60°	213.9	174.5	133.6	98.9	62.2	29.8	0.0
-62.5°	194.2	157.9	122.5	90.5	57.6	27.6	0.0
-65°	174.2	141.0	111.2	82.0	52.8	25.3	0.0
-67.5°	154.0	125.4	99.8	73.2	47.9	22.9	0.0
-70°	133.5	111.0	88.1	64.4	42.9	20.5	0.0
-72.5°	115.8	96.4	76.3	56.4	37.7	18.0	0.0
-75°	98.4	81.7	64.3	48.5	32.5	15.5	0.0
-77.5°	80.9	66.9	53.5	40.6	27.2	13.0	0.0
-80°	63.2	53.1	42.9	32.5	21.9	10.4	0.0
-82.5°	47.3	39.9	32.3	24.4	16.4	7.8	0.0
-85°	31.6	26.6	21.5	16.3	11.0	5.2	0.0
-87.5°	15.8	13.3	10.8	8.2	5.5	2.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)