

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: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-940-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6D-940-U-NAT-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

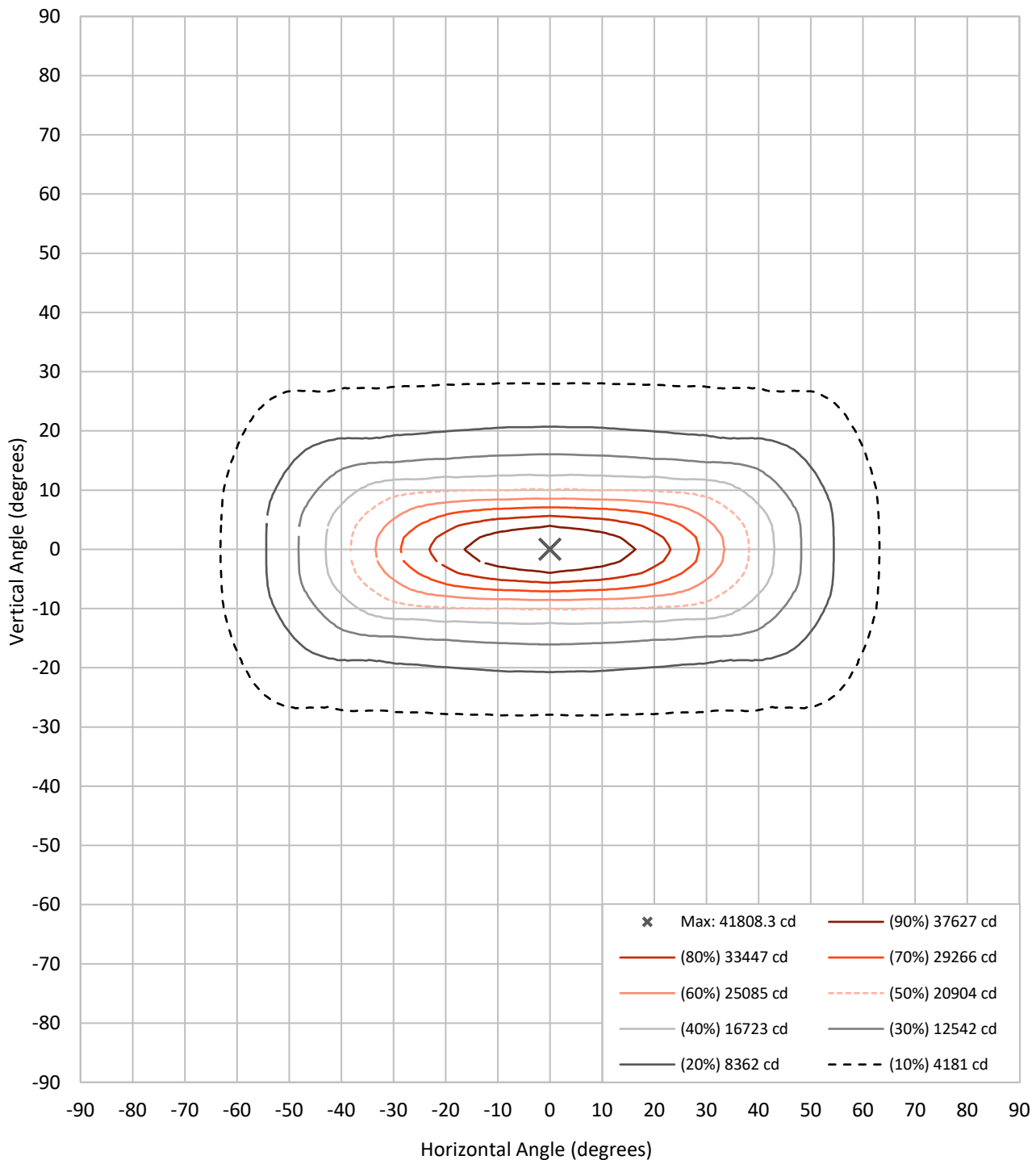
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	29942.3 lumens	Max Intensity:	41808.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	11979.8 lumens	Field Lumens:	24540.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 319  
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





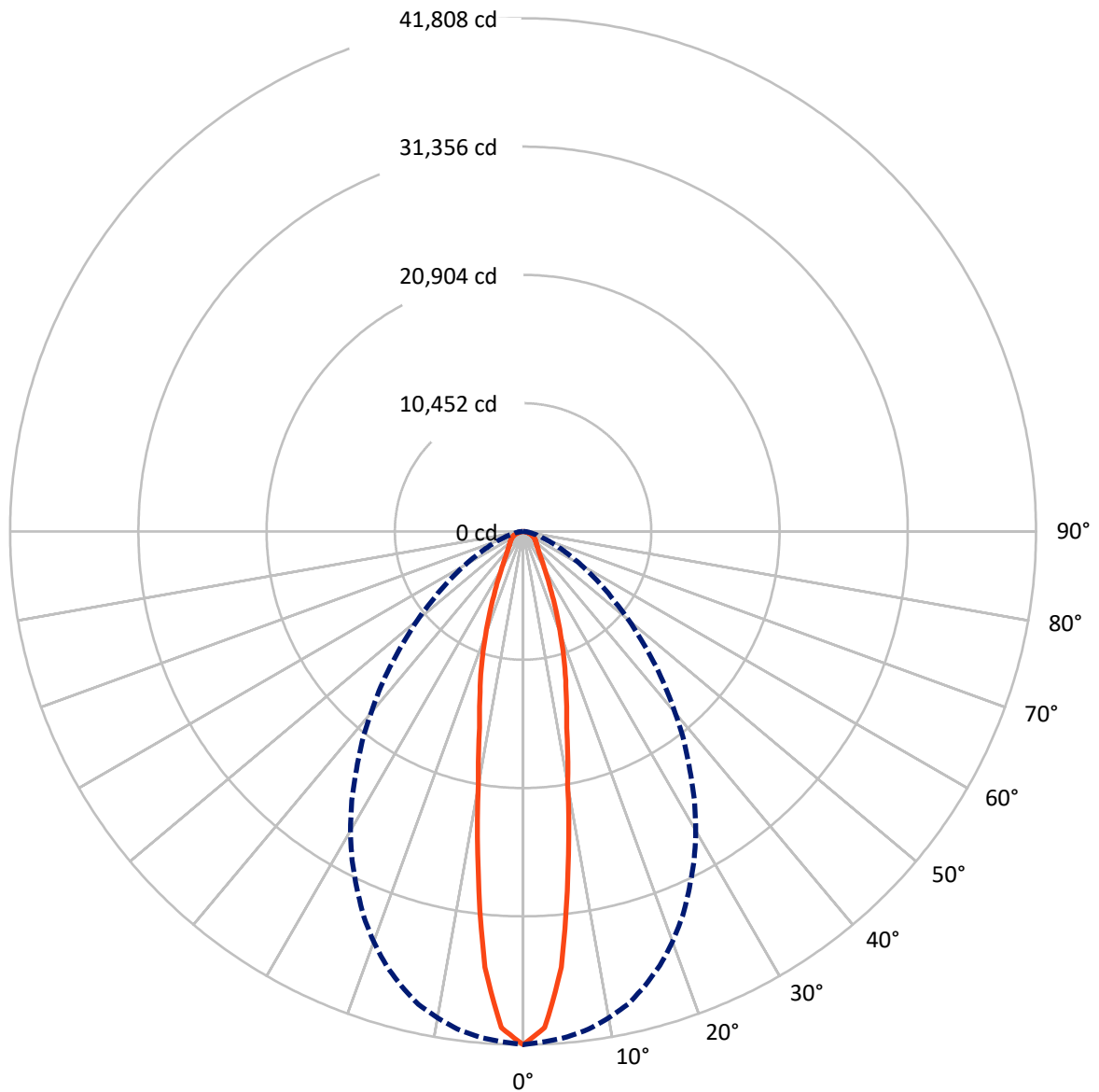
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### Lumen Table

90																			
80	1.6	10.4		21.0		30.3		34.3		30.3		21.0		10.4		1.6			
70																			
60	6.4	6.0	10.5	14.4	17.7	21.2	24.3	26.0	26.0	24.3	21.2	17.7	14.4	10.5	6.0	6.4			
50		9.8	17.1	22.9	27.2	31.2	34.7	36.7	36.7	34.7	31.2	27.2	22.9	17.1	9.8				
40	12.9	14.9	26.0	34.4	39.8	43.8	47.1	48.9	48.9	47.1	43.8	39.8	34.4	26.0	14.9	12.9			
30		22.0	41.6	54.9	64.0	70.8	75.6	77.8	77.8	75.6	70.8	64.0	54.9	41.6	22.0				
20	19.8	31.0	70.8	105.5	127.5	147.9	164.7	174.3	174.3	164.7	147.9	127.5	105.5	70.8	31.0	19.8			
10		40.9	109.1	210.0	302.0	359.9	400.7	423.9	423.9	400.7	359.9	302.0	210.0	109.1	40.9				
0	22.6	47.0	140.1	309.4	535.2	759.2	923.9	1010.6	1010.6	923.9	759.2	535.2	309.4	140.1	47.0	22.6			
-10		47.0	140.1	309.4	535.2	759.2	923.9	1010.6	1010.6	923.9	759.2	535.2	309.4	140.1	47.0				
-20	19.8	40.9	109.1	210.0	302.0	359.9	400.7	423.9	423.9	400.7	359.9	302.0	210.0	109.1	40.9	19.8			
-30		31.0	70.8	105.5	127.5	147.9	164.7	174.3	174.3	164.7	147.9	127.5	105.5	70.8	31.0				
-40	12.9	22.0	41.6	54.9	64.0	70.8	75.6	77.8	77.8	75.6	70.8	64.0	54.9	41.6	22.0	12.9			
-50		14.9	26.0	34.4	39.8	43.8	47.1	48.9	48.9	47.1	43.8	39.8	34.4	26.0	14.9				
-60	6.4	9.8	17.1	22.9	27.2	31.2	34.7	36.7	36.7	34.7	31.2	27.2	22.9	17.1	9.8	6.4			
-70		6.0	10.5	14.4	17.7	21.2	24.3	26.0	26.0	24.3	21.2	17.7	14.4	10.5	6.0				
-80	1.6	10.4		21.0		30.3		34.3		30.3		21.0		10.4		1.6			
-90																			

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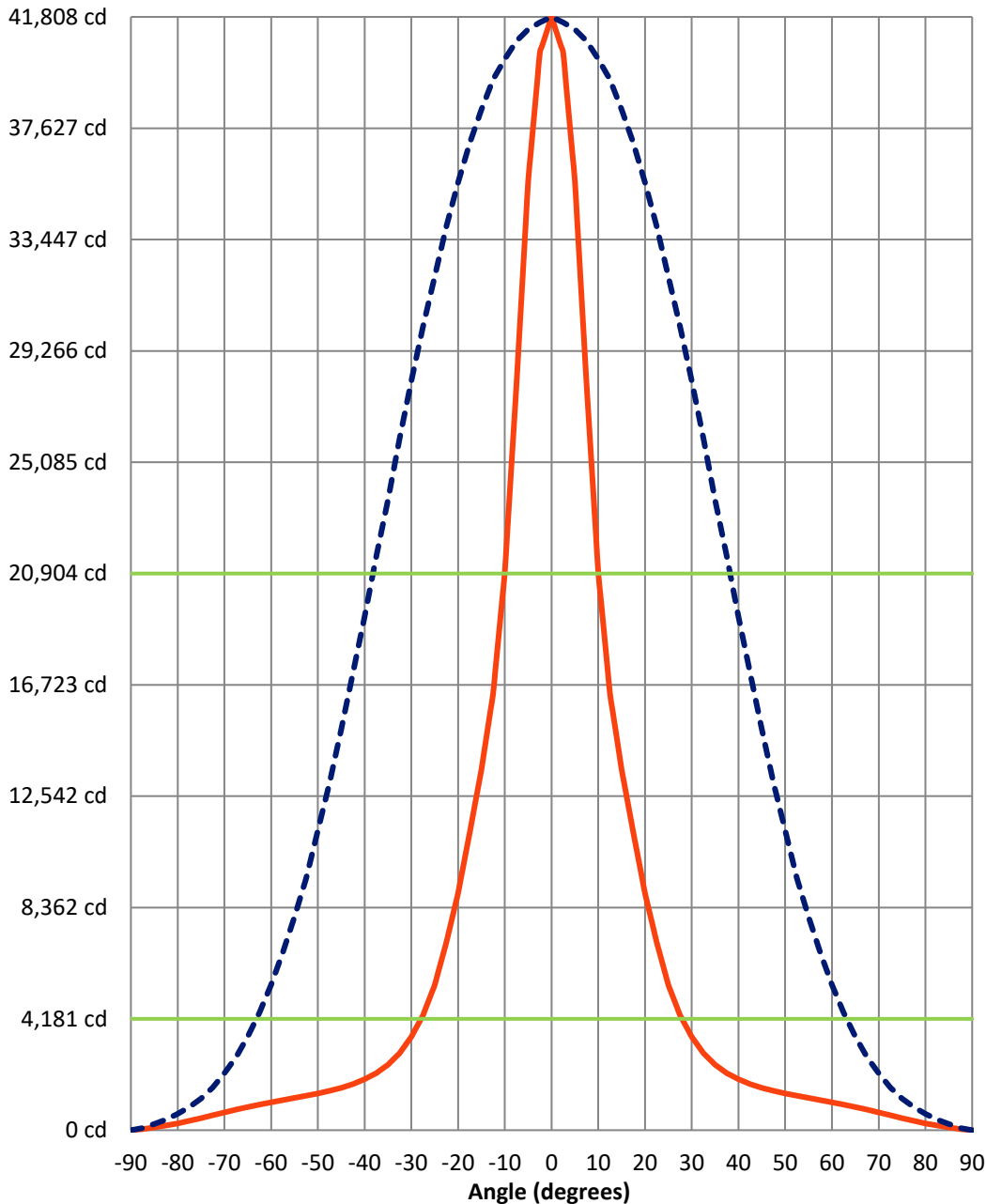
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 76.4°  
 V Angle: 20°  
 Lumens: 11979.8  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 24540.8  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 5401.5  
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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	3.5	7.0	9.9	12.5	14.8	16.7	18.9	21.0	22.9	24.6
85°	0.0	7.0	13.9	19.8	25.0	29.5	33.3	37.8	41.9	45.8	49.3
82.5°	0.0	10.4	20.8	29.7	37.5	44.3	50.0	56.7	64.2	76.6	87.7
80°	0.0	13.9	27.7	39.5	50.0	59.0	68.6	87.2	104.4	120.1	134.3
77.5°	0.0	17.3	34.5	49.4	62.4	78.4	100.9	123.5	144.5	163.7	181.9
75°	0.0	20.6	41.3	59.1	76.7	106.2	133.1	159.7	185.1	210.7	232.7
72.5°	0.0	24.0	47.9	68.8	99.6	133.9	165.2	197.2	230.4	259.2	283.7
70°	0.0	27.3	54.5	79.9	122.3	161.4	197.8	238.7	275.7	308.0	339.6
67.5°	0.0	30.5	61.0	97.2	144.7	188.6	235.1	280.1	321.2	363.3	397.3
65°	0.0	33.7	67.4	114.3	166.9	218.2	272.3	321.3	373.7	419.2	459.2
62.5°	0.0	36.8	73.6	131.2	188.9	250.1	309.2	367.6	426.4	477.5	529.7
60°	0.0	39.9	79.7	147.7	210.5	281.8	346.0	415.8	479.3	543.8	600.8
57.5°	0.0	42.9	90.5	164.0	236.0	313.0	387.7	464.1	538.5	610.2	677.6
55°	0.0	45.8	101.1	179.9	261.3	344.0	429.6	512.1	599.2	679.2	758.8
52.5°	0.0	48.6	111.4	195.5	286.1	375.2	470.9	566.0	659.7	757.3	842.0
50°	0.0	51.3	121.5	210.7	310.5	409.4	511.5	620.9	723.7	836.6	941.1
47.5°	0.0	53.9	131.1	226.3	334.4	442.9	552.7	675.9	796.8	917.3	1045.3
45°	0.0	56.4	140.5	243.9	357.7	475.7	600.4	731.2	871.6	1015.6	1153.2
42.5°	0.0	58.8	149.5	260.8	380.4	507.6	647.7	792.3	946.3	1116.4	1276.2
40°	0.0	61.1	158.2	276.7	403.8	538.6	694.5	857.0	1026.2	1219.1	1405.5
37.5°	0.0	63.3	166.4	291.4	427.6	568.7	740.8	921.0	1116.8	1326.8	1539.1
35°	0.0	65.4	174.2	305.3	450.4	602.9	786.3	984.0	1207.0	1445.9	1683.8
32.5°	0.0	67.3	181.7	318.1	472.4	638.7	833.0	1045.9	1296.6	1566.7	1843.0
30°	0.0	69.1	188.6	330.1	493.3	673.3	882.9	1109.7	1385.2	1688.5	2005.9
27.5°	0.0	70.8	195.2	341.0	510.7	706.6	931.1	1181.8	1477.9	1810.9	2171.6
25°	0.0	72.3	201.2	351.0	526.7	738.6	977.4	1251.9	1577.9	1943.9	2339.9
22.5°	0.0	73.7	206.8	359.9	541.5	767.2	1021.7	1319.5	1676.0	2081.5	2523.9
20°	0.0	75.0	211.9	367.9	555.2	788.9	1063.8	1384.4	1771.6	2217.2	2706.3
17.5°	0.0	76.1	216.5	374.9	567.5	808.0	1095.5	1446.1	1863.9	2349.8	2885.7
15°	0.0	77.1	220.5	380.8	578.5	824.4	1119.2	1494.6	1952.3	2478.3	3060.5
12.5°	0.0	77.9	224.0	385.7	588.1	838.2	1139.4	1526.2	2015.7	2601.4	3229.2
10°	0.0	78.6	227.0	389.7	596.3	849.4	1156.2	1552.4	2056.2	2659.5	3360.8
7.5°	0.0	79.1	229.4	392.6	603.0	857.9	1169.4	1573.0	2088.9	2697.7	3420.4
5°	0.0	79.5	231.2	394.6	608.1	863.9	1179.0	1588.1	2113.6	2724.1	3466.6
2.5°	0.0	79.7	232.5	395.6	611.7	867.3	1184.9	1597.6	2130.1	2739.0	3498.7
0°	0.0	79.8	233.2	395.7	613.6	868.2	1187.2	1601.4	2138.3	2742.6	3515.7
-2.5°	0.0	79.7	232.5	395.6	611.7	867.3	1184.9	1597.6	2130.1	2739.0	3498.7
-5°	0.0	79.5	231.2	394.6	608.1	863.9	1179.0	1588.1	2113.6	2724.1	3466.6
-7.5°	0.0	79.1	229.4	392.6	603.0	857.9	1169.4	1573.0	2088.9	2697.7	3420.4
-10°	0.0	78.6	227.0	389.7	596.3	849.4	1156.2	1552.4	2056.2	2659.5	3360.8
-12.5°	0.0	77.9	224.0	385.7	588.1	838.2	1139.4	1526.2	2015.7	2601.4	3229.2
-15°	0.0	77.1	220.5	380.8	578.5	824.4	1119.2	1494.6	1952.3	2478.3	3060.5
-17.5°	0.0	76.1	216.5	374.9	567.5	808.0	1095.5	1446.1	1863.9	2349.8	2885.7
-20°	0.0	75.0	211.9	367.9	555.2	788.9	1063.8	1384.4	1771.6	2217.2	2706.3



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	73.7	206.8	359.9	541.5	767.2	1021.7	1319.5	1676.0	2081.5	2523.9
-25°	0.0	72.3	201.2	351.0	526.7	738.6	977.4	1251.9	1577.9	1943.9	2339.9
-27.5°	0.0	70.8	195.2	341.0	510.7	706.6	931.1	1181.8	1477.9	1810.9	2171.6
-30°	0.0	69.1	188.6	330.1	493.3	673.3	882.9	1109.7	1385.2	1688.5	2005.9
-32.5°	0.0	67.3	181.7	318.1	472.4	638.7	833.0	1045.9	1296.6	1566.7	1843.0
-35°	0.0	65.4	174.2	305.3	450.4	602.9	786.3	984.0	1207.0	1445.9	1683.8
-37.5°	0.0	63.3	166.4	291.4	427.6	568.7	740.8	921.0	1116.8	1326.8	1539.1
-40°	0.0	61.1	158.2	276.7	403.8	538.6	694.5	857.0	1026.2	1219.1	1405.5
-42.5°	0.0	58.8	149.5	260.8	380.4	507.6	647.7	792.3	946.3	1116.4	1276.2
-45°	0.0	56.4	140.5	243.9	357.7	475.7	600.4	731.2	871.6	1015.6	1153.2
-47.5°	0.0	53.9	131.1	226.3	334.4	442.9	552.7	675.9	796.8	917.3	1045.3
-50°	0.0	51.3	121.5	210.7	310.5	409.4	511.5	620.9	723.7	836.6	941.1
-52.5°	0.0	48.6	111.4	195.5	286.1	375.2	470.9	566.0	659.7	757.3	842.0
-55°	0.0	45.8	101.1	179.9	261.3	344.0	429.6	512.1	599.2	679.2	758.8
-57.5°	0.0	42.9	90.5	164.0	236.0	313.0	387.7	464.1	538.5	610.2	677.6
-60°	0.0	39.9	79.7	147.7	210.5	281.8	346.0	415.8	479.3	543.8	600.8
-62.5°	0.0	36.8	73.6	131.2	188.9	250.1	309.2	367.6	426.4	477.5	529.7
-65°	0.0	33.7	67.4	114.3	166.9	218.2	272.3	321.3	373.7	419.2	459.2
-67.5°	0.0	30.5	61.0	97.2	144.7	188.6	235.1	280.1	321.2	363.3	397.3
-70°	0.0	27.3	54.5	79.9	122.3	161.4	197.8	238.7	275.7	308.0	339.6
-72.5°	0.0	24.0	47.9	68.8	99.6	133.9	165.2	197.2	230.4	259.2	283.7
-75°	0.0	20.6	41.3	59.1	76.7	106.2	133.1	159.7	185.1	210.7	232.7
-77.5°	0.0	17.3	34.5	49.4	62.4	78.4	100.9	123.5	144.5	163.7	181.9
-80°	0.0	13.9	27.7	39.5	50.0	59.0	68.6	87.2	104.4	120.1	134.3
-82.5°	0.0	10.4	20.8	29.7	37.5	44.3	50.0	56.7	64.2	76.6	87.7
-85°	0.0	7.0	13.9	19.8	25.0	29.5	33.3	37.8	41.9	45.8	49.3
-87.5°	0.0	3.5	7.0	9.9	12.5	14.8	16.7	18.9	21.0	22.9	24.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	26.6	28.4	30.1	31.7	33.1	34.5	35.8	36.9	38.5	40.0	41.4
85°	53.1	56.7	62.8	67.8	72.4	76.5	79.9	82.7	85.7	88.1	90.0
82.5°	97.6	105.8	112.4	117.3	122.9	127.8	132.1	135.7	139.5	143.1	146.1
80°	145.9	155.2	164.8	173.1	181.3	187.5	191.3	192.9	197.8	204.0	210.4
77.5°	197.9	212.0	224.4	235.1	243.8	251.5	257.0	260.3	268.0	277.0	284.8
75°	251.7	268.9	286.1	301.2	313.1	321.9	328.3	333.6	342.9	354.6	364.6
72.5°	307.8	330.9	351.3	368.9	384.8	397.1	406.2	412.1	421.4	435.2	446.3
70°	366.8	393.3	420.9	443.5	460.6	475.0	486.9	495.2	503.6	517.5	527.9
67.5°	427.9	465.7	496.3	520.3	539.3	556.9	570.4	579.3	583.0	597.1	608.8
65°	499.9	540.4	574.4	601.3	620.3	642.1	657.2	664.7	667.1	682.4	696.9
62.5°	573.3	618.0	655.3	686.2	710.9	731.7	748.5	758.0	759.6	771.0	787.6
60°	651.6	697.4	741.8	779.0	805.4	826.7	845.0	855.1	857.1	861.8	880.8
57.5°	733.2	782.6	834.5	876.2	907.0	924.7	944.7	955.8	960.3	957.6	977.2
55°	821.9	873.4	931.9	980.4	1013.5	1029.5	1048.2	1064.2	1069.7	1066.1	1077.7
52.5°	922.5	973.7	1036.2	1089.5	1126.3	1145.6	1158.8	1178.0	1186.8	1182.9	1180.6
50°	1028.2	1092.6	1144.2	1205.2	1249.6	1274.9	1275.3	1299.3	1310.8	1307.2	1291.4
47.5°	1147.9	1220.5	1259.6	1329.4	1387.1	1417.0	1419.0	1428.5	1442.7	1446.5	1433.0
45°	1277.1	1365.8	1407.8	1470.2	1534.8	1571.3	1582.4	1565.3	1590.8	1598.7	1590.1
42.5°	1413.3	1526.4	1592.7	1618.0	1693.3	1744.0	1763.6	1751.6	1750.3	1768.0	1767.7
40°	1570.5	1700.4	1800.0	1826.4	1864.4	1934.4	1975.8	1973.6	1927.1	1960.3	1968.9
37.5°	1738.7	1907.5	2030.6	2085.4	2056.5	2149.9	2210.6	2235.2	2206.3	2173.7	2210.8
35°	1915.6	2128.9	2294.8	2388.2	2392.4	2390.2	2485.2	2536.2	2539.7	2480.2	2493.7
32.5°	2113.5	2364.0	2583.8	2734.8	2803.3	2760.9	2785.7	2892.8	2945.3	2922.6	2836.8
30°	2326.1	2633.5	2903.0	3116.0	3269.2	3314.2	3212.2	3295.8	3412.0	3458.4	3421.1
27.5°	2541.2	2919.4	3261.2	3556.4	3793.7	3944.2	3947.8	3818.7	3950.4	4062.4	4105.6
25°	2759.6	3205.5	3641.0	4041.1	4400.3	4658.9	4777.9	4791.7	4607.4	4775.0	4931.1
22.5°	2992.4	3499.9	4016.7	4557.3	5057.9	5437.6	5726.0	5899.9	5894.2	5718.3	5855.6
20°	3238.8	3820.4	4422.1	5063.4	5746.1	6268.0	6751.4	7121.2	7343.8	7417.8	7273.7
17.5°	3484.7	4143.5	4847.6	5611.5	6401.4	7124.9	7849.4	8439.5	8907.0	9290.8	9428.1
15°	3727.5	4466.0	5274.9	6163.4	7076.1	7981.7	8913.3	9816.9	10612.5	11314.8	11731.1
12.5°	3964.8	4784.1	5698.8	6712.7	7760.2	8850.3	9961.9	11062.8	12208.9	13346.4	14210.9
10°	4193.5	5093.8	6113.9	7252.4	8443.7	9718.6	11008.7	12315.2	13707.4	15049.0	16340.5
7.5°	4291.3	5296.3	6471.5	7775.2	9115.7	10573.5	12039.6	13556.4	15183.1	16748.5	18325.6
5°	4351.7	5376.6	6572.0	7930.3	9421.4	11131.5	12880.7	14759.6	16615.8	18418.2	20276.5
2.5°	4391.7	5431.6	6639.1	7991.5	9467.0	11223.1	12994.4	14945.2	17027.9	19111.8	21324.2
0°	4411.5	5460.7	6672.5	8010.1	9461.2	11252.8	13038.3	15050.7	17161.4	19281.3	21545.3
-2.5°	4391.7	5431.6	6639.1	7991.5	9467.0	11223.1	12994.4	14945.2	17027.9	19111.8	21324.2
-5°	4351.7	5376.6	6572.0	7930.3	9421.4	11131.5	12880.7	14759.6	16615.8	18418.2	20276.5
-7.5°	4291.3	5296.3	6471.5	7775.2	9115.7	10573.5	12039.6	13556.4	15183.1	16748.5	18325.6
-10°	4193.5	5093.8	6113.9	7252.4	8443.7	9718.6	11008.7	12315.2	13707.4	15049.0	16340.5
-12.5°	3964.8	4784.1	5698.8	6712.7	7760.2	8850.3	9961.9	11062.8	12208.9	13346.4	14210.9
-15°	3727.5	4466.0	5274.9	6163.4	7076.1	7981.7	8913.3	9816.9	10612.5	11314.8	11731.1
-17.5°	3484.7	4143.5	4847.6	5611.5	6401.4	7124.9	7849.4	8439.5	8907.0	9290.8	9428.1
-20°	3238.8	3820.4	4422.1	5063.4	5746.1	6268.0	6751.4	7121.2	7343.8	7417.8	7273.7



REPORT NUMBER: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2992.4	3499.9	4016.7	4557.3	5057.9	5437.6	5726.0	5899.9	5894.2	5718.3	5855.6
-25°	2759.6	3205.5	3641.0	4041.1	4400.3	4658.9	4777.9	4791.7	4607.4	4775.0	4931.1
-27.5°	2541.2	2919.4	3261.2	3556.4	3793.7	3944.2	3947.8	3818.7	3950.4	4062.4	4105.6
-30°	2326.1	2633.5	2903.0	3116.0	3269.2	3314.2	3212.2	3295.8	3412.0	3458.4	3421.1
-32.5°	2113.5	2364.0	2583.8	2734.8	2803.3	2760.9	2785.7	2892.8	2945.3	2922.6	2836.8
-35°	1915.6	2128.9	2294.8	2388.2	2392.4	2390.2	2485.2	2536.2	2539.7	2480.2	2493.7
-37.5°	1738.7	1907.5	2030.6	2085.4	2056.5	2149.9	2210.6	2235.2	2206.3	2173.7	2210.8
-40°	1570.5	1700.4	1800.0	1826.4	1864.4	1934.4	1975.8	1973.6	1927.1	1960.3	1968.9
-42.5°	1413.3	1526.4	1592.7	1618.0	1693.3	1744.0	1763.6	1751.6	1750.3	1768.0	1767.7
-45°	1277.1	1365.8	1407.8	1470.2	1534.8	1571.3	1582.4	1565.3	1590.8	1598.7	1590.1
-47.5°	1147.9	1220.5	1259.6	1329.4	1387.1	1417.0	1419.0	1428.5	1442.7	1446.5	1433.0
-50°	1028.2	1092.6	1144.2	1205.2	1249.6	1274.9	1275.3	1299.3	1310.8	1307.2	1291.4
-52.5°	922.5	973.7	1036.2	1089.5	1126.3	1145.6	1158.8	1178.0	1186.8	1182.9	1180.6
-55°	821.9	873.4	931.9	980.4	1013.5	1029.5	1048.2	1064.2	1069.7	1066.1	1077.7
-57.5°	733.2	782.6	834.5	876.2	907.0	924.7	944.7	955.8	960.3	957.6	977.2
-60°	651.6	697.4	741.8	779.0	805.4	826.7	845.0	855.1	857.1	861.8	880.8
-62.5°	573.3	618.0	655.3	686.2	710.9	731.7	748.5	758.0	759.6	771.0	787.6
-65°	499.9	540.4	574.4	601.3	620.3	642.1	657.2	664.7	667.1	682.4	696.9
-67.5°	427.9	465.7	496.3	520.3	539.3	556.9	570.4	579.3	583.0	597.1	608.8
-70°	366.8	393.3	420.9	443.5	460.6	475.0	486.9	495.2	503.6	517.5	527.9
-72.5°	307.8	330.9	351.3	368.9	384.8	397.1	406.2	412.1	421.4	435.2	446.3
-75°	251.7	268.9	286.1	301.2	313.1	321.9	328.3	333.6	342.9	354.6	364.6
-77.5°	197.9	212.0	224.4	235.1	243.8	251.5	257.0	260.3	268.0	277.0	284.8
-80°	145.9	155.2	164.8	173.1	181.3	187.5	191.3	192.9	197.8	204.0	210.4
-82.5°	97.6	105.8	112.4	117.3	122.9	127.8	132.1	135.7	139.5	143.1	146.1
-85°	53.1	56.7	62.8	67.8	72.4	76.5	79.9	82.7	85.7	88.1	90.0
-87.5°	26.6	28.4	30.1	31.7	33.1	34.5	35.8	36.9	38.5	40.0	41.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	42.8	42.1	41.2	40.1	38.9	38.9	38.9	38.8	38.5	38.2	37.8
85°	91.4	93.1	94.7	96.3	97.8	99.4	100.8	101.9	102.8	102.7	102.3
82.5°	148.7	153.7	158.6	163.3	167.7	170.1	171.8	172.9	173.5	174.9	176.0
80°	215.8	223.2	229.9	235.5	240.1	243.5	246.2	248.4	250.0	251.8	253.0
77.5°	292.0	300.1	308.0	314.8	320.7	326.2	330.8	334.5	337.3	341.6	345.5
75°	373.0	382.2	391.8	400.5	408.1	416.2	424.1	431.5	438.0	443.5	447.6
72.5°	454.9	464.5	476.4	487.4	497.6	508.5	519.2	528.6	536.7	544.4	551.2
70°	535.8	544.8	560.0	574.7	588.5	601.5	614.4	626.0	636.2	646.1	655.0
67.5°	619.2	628.7	647.6	664.7	679.9	694.3	709.3	722.7	734.3	744.8	753.9
65°	708.2	716.6	737.1	755.8	771.9	785.4	801.5	816.2	829.2	840.7	850.4
62.5°	800.4	808.8	825.7	844.1	859.4	872.4	891.4	907.9	921.8	933.5	943.2
60°	893.9	901.2	914.2	934.4	951.6	965.7	982.4	998.5	1012.0	1023.5	1033.8
57.5°	991.0	998.2	1004.5	1024.8	1041.4	1054.2	1068.9	1084.6	1097.8	1108.6	1119.2
55°	1091.2	1096.9	1094.9	1113.7	1129.2	1139.7	1150.6	1167.2	1180.3	1189.9	1199.6
52.5°	1193.8	1200.5	1195.9	1203.8	1220.7	1230.1	1234.8	1252.8	1266.2	1274.8	1283.7
50°	1308.0	1313.4	1309.2	1304.6	1321.1	1330.9	1333.5	1348.0	1360.2	1366.9	1373.2
47.5°	1431.8	1438.4	1435.1	1417.1	1431.7	1444.2	1444.5	1450.7	1463.3	1468.4	1472.2
45°	1566.4	1579.2	1576.4	1564.0	1562.0	1574.6	1573.4	1568.4	1583.0	1589.5	1591.6
42.5°	1743.2	1739.0	1742.9	1735.8	1713.5	1727.8	1729.6	1711.5	1729.7	1737.5	1733.0
40°	1959.4	1919.9	1941.7	1938.5	1917.6	1914.5	1925.8	1911.0	1913.8	1925.0	1916.4
37.5°	2216.7	2188.5	2176.7	2186.4	2180.3	2153.7	2174.9	2169.7	2152.9	2171.8	2163.5
35°	2533.5	2525.0	2461.4	2500.1	2508.2	2482.8	2490.1	2501.1	2464.7	2493.3	2490.3
32.5°	2903.8	2922.6	2908.9	2885.1	2921.2	2925.8	2884.0	2934.2	2914.0	2921.2	2941.0
30°	3323.3	3419.5	3466.4	3424.5	3447.0	3491.8	3471.3	3506.2	3522.9	3496.7	3546.2
27.5°	4056.1	4021.8	4134.1	4182.9	4130.7	4212.4	4271.7	4245.5	4332.2	4280.9	4354.3
25°	4987.3	4937.2	4967.2	5128.6	5164.4	5122.9	5290.1	5309.8	5378.7	5387.1	5438.3
22.5°	6081.4	6202.5	6188.4	6237.5	6440.2	6508.1	6569.8	6730.7	6694.0	6839.8	6865.1
20°	7304.8	7609.1	7818.8	7862.8	7949.5	8182.6	8289.6	8416.5	8501.7	8639.7	8756.4
17.5°	9374.2	9218.2	9629.5	9887.8	10023.7	10072.2	10353.1	10444.6	10655.5	10776.0	10895.7
15°	12031.3	12122.2	11936.5	12182.8	12598.9	12739.4	12577.9	12954.9	13061.0	13264.0	13299.9
12.5°	14871.3	15331.1	15556.4	15617.7	15400.3	15992.1	16229.1	15931.5	16269.1	16208.3	16486.0
10°	17581.2	18698.2	19366.9	19837.3	20123.2	20295.4	20466.6	20774.2	20779.5	21007.4	20874.3
7.5°	19806.0	21222.2	22575.3	23887.7	24937.6	25526.2	25988.3	26431.6	27023.0	27306.2	27490.3
5°	21982.6	23616.6	25235.5	26826.5	28267.3	29653.3	31011.8	32190.3	32814.8	33544.5	34195.1
2.5°	23390.4	25457.3	27524.7	29572.5	31237.3	32764.8	34178.8	35492.0	36644.1	37709.8	38609.8
0°	23665.2	25978.3	28135.0	30178.2	32052.6	33939.3	35586.8	37071.6	38326.3	39458.3	40222.2
-2.5°	23390.4	25457.3	27524.7	29572.5	31237.3	32764.8	34178.8	35492.0	36644.1	37709.8	38609.8
-5°	21982.6	23616.6	25235.5	26826.5	28267.3	29653.3	31011.8	32190.3	32814.8	33544.5	34195.1
-7.5°	19806.0	21222.2	22575.3	23887.7	24937.6	25526.2	25988.3	26431.6	27023.0	27306.2	27490.3
-10°	17581.2	18698.2	19366.9	19837.3	20123.2	20295.4	20466.6	20774.2	20779.5	21007.4	20874.3
-12.5°	14871.3	15331.1	15556.4	15617.7	15400.3	15992.1	16229.1	15931.5	16269.1	16208.3	16486.0
-15°	12031.3	12122.2	11936.5	12182.8	12598.9	12739.4	12577.9	12954.9	13061.0	13264.0	13299.9
-17.5°	9374.2	9218.2	9629.5	9887.8	10023.7	10072.2	10353.1	10444.6	10655.5	10776.0	10895.7
-20°	7304.8	7609.1	7818.8	7862.8	7949.5	8182.6	8289.6	8416.5	8501.7	8639.7	8756.4



REPORT NUMBER: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6081.4	6202.5	6188.4	6237.5	6440.2	6508.1	6569.8	6730.7	6694.0	6839.8	6865.1
-25°	4987.3	4937.2	4967.2	5128.6	5164.4	5122.9	5290.1	5309.8	5378.7	5387.1	5438.3
-27.5°	4056.1	4021.8	4134.1	4182.9	4130.7	4212.4	4271.7	4245.5	4332.2	4280.9	4354.3
-30°	3323.3	3419.5	3466.4	3424.5	3447.0	3491.8	3471.3	3506.2	3522.9	3496.7	3546.2
-32.5°	2903.8	2922.6	2908.9	2885.1	2921.2	2925.8	2884.0	2934.2	2914.0	2921.2	2941.0
-35°	2533.5	2525.0	2461.4	2500.1	2508.2	2482.8	2490.1	2501.1	2464.7	2493.3	2490.3
-37.5°	2216.7	2188.5	2176.7	2186.4	2180.3	2153.7	2174.9	2169.7	2152.9	2171.8	2163.5
-40°	1959.4	1919.9	1941.7	1938.5	1917.6	1914.5	1925.8	1911.0	1913.8	1925.0	1916.4
-42.5°	1743.2	1739.0	1742.9	1735.8	1713.5	1727.8	1729.6	1711.5	1729.7	1737.5	1733.0
-45°	1566.4	1579.2	1576.4	1564.0	1562.0	1574.6	1573.4	1568.4	1583.0	1589.5	1591.6
-47.5°	1431.8	1438.4	1435.1	1417.1	1431.7	1444.2	1444.5	1450.7	1463.3	1468.4	1472.2
-50°	1308.0	1313.4	1309.2	1304.6	1321.1	1330.9	1333.5	1348.0	1360.2	1366.9	1373.2
-52.5°	1193.8	1200.5	1195.9	1203.8	1220.7	1230.1	1234.8	1252.8	1266.2	1274.8	1283.7
-55°	1091.2	1096.9	1094.9	1113.7	1129.2	1139.7	1150.6	1167.2	1180.3	1189.9	1199.6
-57.5°	991.0	998.2	1004.5	1024.8	1041.4	1054.2	1068.9	1084.6	1097.8	1108.6	1119.2
-60°	893.9	901.2	914.2	934.4	951.6	965.7	982.4	998.5	1012.0	1023.5	1033.8
-62.5°	800.4	808.8	825.7	844.1	859.4	872.4	891.4	907.9	921.8	933.5	943.2
-65°	708.2	716.6	737.1	755.8	771.9	785.4	801.5	816.2	829.2	840.7	850.4
-67.5°	619.2	628.7	647.6	664.7	679.9	694.3	709.3	722.7	734.3	744.8	753.9
-70°	535.8	544.8	560.0	574.7	588.5	601.5	614.4	626.0	636.2	646.1	655.0
-72.5°	454.9	464.5	476.4	487.4	497.6	508.5	519.2	528.6	536.7	544.4	551.2
-75°	373.0	382.2	391.8	400.5	408.1	416.2	424.1	431.5	438.0	443.5	447.6
-77.5°	292.0	300.1	308.0	314.8	320.7	326.2	330.8	334.5	337.3	341.6	345.5
-80°	215.8	223.2	229.9	235.5	240.1	243.5	246.2	248.4	250.0	251.8	253.0
-82.5°	148.7	153.7	158.6	163.3	167.7	170.1	171.8	172.9	173.5	174.9	176.0
-85°	91.4	93.1	94.7	96.3	97.8	99.4	100.8	101.9	102.8	102.7	102.3
-87.5°	42.8	42.1	41.2	40.1	38.9	38.9	38.9	38.8	38.5	38.2	37.8
-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: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-NAT-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°	37.3	36.7	38.3	39.9	38.3	36.7	37.3	37.8	38.2	38.5	38.8
85°	101.6	100.7	102.6	104.3	102.6	100.7	101.6	102.3	102.7	102.8	101.9
82.5°	176.7	177.0	177.7	177.9	177.7	177.0	176.7	176.0	174.9	173.5	172.9
80°	253.5	253.5	252.8	251.6	252.8	253.5	253.5	253.0	251.8	250.0	248.4
77.5°	348.6	350.9	352.3	352.8	352.3	350.9	348.6	345.5	341.6	337.3	334.5
75°	450.3	451.7	452.0	451.0	452.0	451.7	450.3	447.6	443.5	438.0	431.5
72.5°	556.9	561.4	562.3	561.4	562.3	561.4	556.9	551.2	544.4	536.7	528.6
70°	662.5	668.3	668.2	665.7	668.2	668.3	662.5	655.0	646.1	636.2	626.0
67.5°	761.0	766.3	770.5	773.1	770.5	766.3	761.0	753.9	744.8	734.3	722.7
65°	858.2	864.0	867.2	868.2	867.2	864.0	858.2	850.4	840.7	829.2	816.2
62.5°	950.7	956.0	959.2	960.2	959.2	956.0	950.7	943.2	933.5	921.8	907.9
60°	1041.9	1047.7	1048.6	1046.1	1048.6	1047.7	1041.9	1033.8	1023.5	1012.0	998.5
57.5°	1127.5	1133.4	1133.3	1129.0	1133.3	1133.4	1127.5	1119.2	1108.6	1097.8	1084.6
55°	1206.6	1210.8	1212.5	1211.8	1212.5	1210.8	1206.6	1199.6	1189.9	1180.3	1167.2
52.5°	1290.3	1293.7	1295.2	1294.6	1295.2	1293.7	1290.3	1283.7	1274.8	1266.2	1252.8
50°	1377.6	1378.0	1377.9	1377.5	1377.9	1378.0	1377.6	1373.2	1366.9	1360.2	1348.0
47.5°	1477.5	1478.6	1478.8	1478.7	1478.8	1478.6	1477.5	1472.2	1468.4	1463.3	1450.7
45°	1595.6	1592.3	1588.9	1589.1	1588.9	1592.3	1595.6	1591.6	1589.5	1583.0	1568.4
42.5°	1737.2	1733.6	1729.2	1730.3	1729.2	1733.6	1737.2	1733.0	1737.5	1729.7	1711.5
40°	1923.9	1922.9	1916.5	1914.3	1916.5	1922.9	1923.9	1916.4	1925.0	1913.8	1911.0
37.5°	2164.8	2161.3	2147.3	2141.3	2147.3	2161.3	2164.8	2163.5	2171.8	2152.9	2169.7
35°	2481.8	2477.1	2455.6	2457.3	2455.6	2477.1	2481.8	2490.3	2493.3	2464.7	2501.1
32.5°	2931.1	2932.7	2900.4	2893.0	2900.4	2932.7	2931.1	2941.0	2921.2	2914.0	2934.2
30°	3515.4	3528.3	3490.2	3506.5	3490.2	3528.3	3515.4	3546.2	3496.7	3522.9	3506.2
27.5°	4352.9	4377.3	4343.7	4316.4	4343.7	4377.3	4352.9	4354.3	4280.9	4332.2	4245.5
25°	5505.5	5523.7	5485.2	5451.5	5485.2	5523.7	5505.5	5438.3	5387.1	5378.7	5309.8
22.5°	7005.8	7004.7	7002.7	7056.0	7002.7	7004.7	7005.8	6865.1	6839.8	6694.0	6730.7
20°	8831.8	8787.5	8853.7	8896.7	8853.7	8787.5	8831.8	8756.4	8639.7	8501.7	8416.5
17.5°	10923.5	11006.3	11069.9	11176.1	11069.9	11006.3	10923.5	10895.7	10776.0	10655.5	10444.6
15°	13389.9	13515.0	13578.6	13544.4	13578.6	13515.0	13389.9	13299.9	13264.0	13061.0	12954.9
12.5°	16495.8	16645.1	16534.8	16397.5	16534.8	16645.1	16495.8	16486.0	16208.3	16269.1	15931.5
10°	20876.3	21197.9	21215.9	20947.1	21215.9	21197.9	20876.3	20874.3	21007.4	20779.5	20774.2
7.5°	27597.3	27753.6	27991.0	28003.1	27991.0	27753.6	27597.3	27490.3	27306.2	27023.0	26431.6
5°	34490.1	34906.4	35174.8	35638.9	35174.8	34906.4	34490.1	34195.1	33544.5	32814.8	32190.3
2.5°	39191.0	39729.1	39935.7	40461.5	39935.7	39729.1	39191.0	38609.8	37709.8	36644.1	35492.0
0°	40903.3	41338.9	41599.7	41808.3	41599.7	41338.9	40903.3	40222.2	39458.3	38326.3	37071.6
-2.5°	39191.0	39729.1	39935.7	40461.5	39935.7	39729.1	39191.0	38609.8	37709.8	36644.1	35492.0
-5°	34490.1	34906.4	35174.8	35638.9	35174.8	34906.4	34490.1	34195.1	33544.5	32814.8	32190.3
-7.5°	27597.3	27753.6	27991.0	28003.1	27991.0	27753.6	27597.3	27490.3	27306.2	27023.0	26431.6
-10°	20876.3	21197.9	21215.9	20947.1	21215.9	21197.9	20876.3	20874.3	21007.4	20779.5	20774.2
-12.5°	16495.8	16645.1	16534.8	16397.5	16534.8	16645.1	16495.8	16486.0	16208.3	16269.1	15931.5
-15°	13389.9	13515.0	13578.6	13544.4	13578.6	13515.0	13389.9	13299.9	13264.0	13061.0	12954.9
-17.5°	10923.5	11006.3	11069.9	11176.1	11069.9	11006.3	10923.5	10895.7	10776.0	10655.5	10444.6
-20°	8831.8	8787.5	8853.7	8896.7	8853.7	8787.5	8831.8	8756.4	8639.7	8501.7	8416.5



REPORT NUMBER: P559222 (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°
-22.5°	7005.8	7004.7	7002.7	7056.0	7002.7	7004.7	7005.8	6865.1	6839.8	6694.0	6730.7
-25°	5505.5	5523.7	5485.2	5451.5	5485.2	5523.7	5505.5	5438.3	5387.1	5378.7	5309.8
-27.5°	4352.9	4377.3	4343.7	4316.4	4343.7	4377.3	4352.9	4354.3	4280.9	4332.2	4245.5
-30°	3515.4	3528.3	3490.2	3506.5	3490.2	3528.3	3515.4	3546.2	3496.7	3522.9	3506.2
-32.5°	2931.1	2932.7	2900.4	2893.0	2900.4	2932.7	2931.1	2941.0	2921.2	2914.0	2934.2
-35°	2481.8	2477.1	2455.6	2457.3	2455.6	2477.1	2481.8	2490.3	2493.3	2464.7	2501.1
-37.5°	2164.8	2161.3	2147.3	2141.3	2147.3	2161.3	2164.8	2163.5	2171.8	2152.9	2169.7
-40°	1923.9	1922.9	1916.5	1914.3	1916.5	1922.9	1923.9	1916.4	1925.0	1913.8	1911.0
-42.5°	1737.2	1733.6	1729.2	1730.3	1729.2	1733.6	1737.2	1733.0	1737.5	1729.7	1711.5
-45°	1595.6	1592.3	1588.9	1589.1	1588.9	1592.3	1595.6	1591.6	1589.5	1583.0	1568.4
-47.5°	1477.5	1478.6	1478.8	1478.7	1478.8	1478.6	1477.5	1472.2	1468.4	1463.3	1450.7
-50°	1377.6	1378.0	1377.9	1377.5	1377.9	1378.0	1377.6	1373.2	1366.9	1360.2	1348.0
-52.5°	1290.3	1293.7	1295.2	1294.6	1295.2	1293.7	1290.3	1283.7	1274.8	1266.2	1252.8
-55°	1206.6	1210.8	1212.5	1211.8	1212.5	1210.8	1206.6	1199.6	1189.9	1180.3	1167.2
-57.5°	1127.5	1133.4	1133.3	1129.0	1133.3	1133.4	1127.5	1119.2	1108.6	1097.8	1084.6
-60°	1041.9	1047.7	1048.6	1046.1	1048.6	1047.7	1041.9	1033.8	1023.5	1012.0	998.5
-62.5°	950.7	956.0	959.2	960.2	959.2	956.0	950.7	943.2	933.5	921.8	907.9
-65°	858.2	864.0	867.2	868.2	867.2	864.0	858.2	850.4	840.7	829.2	816.2
-67.5°	761.0	766.3	770.5	773.1	770.5	766.3	761.0	753.9	744.8	734.3	722.7
-70°	662.5	668.3	668.2	665.7	668.2	668.3	662.5	655.0	646.1	636.2	626.0
-72.5°	556.9	561.4	562.3	561.4	562.3	561.4	556.9	551.2	544.4	536.7	528.6
-75°	450.3	451.7	452.0	451.0	452.0	451.7	450.3	447.6	443.5	438.0	431.5
-77.5°	348.6	350.9	352.3	352.8	352.3	350.9	348.6	345.5	341.6	337.3	334.5
-80°	253.5	253.5	252.8	251.6	252.8	253.5	253.5	253.0	251.8	250.0	248.4
-82.5°	176.7	177.0	177.7	177.9	177.7	177.0	176.7	176.0	174.9	173.5	172.9
-85°	101.6	100.7	102.6	104.3	102.6	100.7	101.6	102.3	102.7	102.8	101.9
-87.5°	37.3	36.7	38.3	39.9	38.3	36.7	37.3	37.8	38.2	38.5	38.8
-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: P559222 (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°	38.9	38.9	38.9	40.1	41.2	42.1	42.8	41.4	40.0	38.5	36.9
85°	100.8	99.4	97.8	96.3	94.7	93.1	91.4	90.0	88.1	85.7	82.7
82.5°	171.8	170.1	167.7	163.3	158.6	153.7	148.7	146.1	143.1	139.5	135.7
80°	246.2	243.5	240.1	235.5	229.9	223.2	215.8	210.4	204.0	197.8	192.9
77.5°	330.8	326.2	320.7	314.8	308.0	300.1	292.0	284.8	277.0	268.0	260.3
75°	424.1	416.2	408.1	400.5	391.8	382.2	373.0	364.6	354.6	342.9	333.6
72.5°	519.2	508.5	497.6	487.4	476.4	464.5	454.9	446.3	435.2	421.4	412.1
70°	614.4	601.5	588.5	574.7	560.0	544.8	535.8	527.9	517.5	503.6	495.2
67.5°	709.3	694.3	679.9	664.7	647.6	628.7	619.2	608.8	597.1	583.0	579.3
65°	801.5	785.4	771.9	755.8	737.1	716.6	708.2	696.9	682.4	667.1	664.7
62.5°	891.4	872.4	859.4	844.1	825.7	808.8	800.4	787.6	771.0	759.6	758.0
60°	982.4	965.7	951.6	934.4	914.2	901.2	893.9	880.8	861.8	857.1	855.1
57.5°	1068.9	1054.2	1041.4	1024.8	1004.5	998.2	991.0	977.2	957.6	960.3	955.8
55°	1150.6	1139.7	1129.2	1113.7	1094.9	1096.9	1091.2	1077.7	1066.1	1069.7	1064.2
52.5°	1234.8	1230.1	1220.7	1203.8	1195.9	1200.5	1193.8	1180.6	1182.9	1186.8	1178.0
50°	1333.5	1330.9	1321.1	1304.6	1309.2	1313.4	1308.0	1291.4	1307.2	1310.8	1299.3
47.5°	1444.5	1444.2	1431.7	1417.1	1435.1	1438.4	1431.8	1433.0	1446.5	1442.7	1428.5
45°	1573.4	1574.6	1562.0	1564.0	1576.4	1579.2	1566.4	1590.1	1598.7	1590.8	1565.3
42.5°	1729.6	1727.8	1713.5	1735.8	1742.9	1739.0	1743.2	1767.7	1768.0	1750.3	1751.6
40°	1925.8	1914.5	1917.6	1938.5	1941.7	1919.9	1959.4	1968.9	1960.3	1927.1	1973.6
37.5°	2174.9	2153.7	2180.3	2186.4	2176.7	2188.5	2216.7	2210.8	2173.7	2206.3	2235.2
35°	2490.1	2482.8	2508.2	2500.1	2461.4	2525.0	2533.5	2493.7	2480.2	2539.7	2536.2
32.5°	2884.0	2925.8	2921.2	2885.1	2908.9	2922.6	2903.8	2836.8	2922.6	2945.3	2892.8
30°	3471.3	3491.8	3447.0	3424.5	3466.4	3419.5	3323.3	3421.1	3458.4	3412.0	3295.8
27.5°	4271.7	4212.4	4130.7	4182.9	4134.1	4021.8	4056.1	4105.6	4062.4	3950.4	3818.7
25°	5290.1	5122.9	5164.4	5128.6	4967.2	4937.2	4987.3	4931.1	4775.0	4607.4	4791.7
22.5°	6569.8	6508.1	6440.2	6237.5	6188.4	6202.5	6081.4	5855.6	5718.3	5894.2	5899.9
20°	8289.6	8182.6	7949.5	7862.8	7818.8	7609.1	7304.8	7273.7	7417.8	7343.8	7121.2
17.5°	10353.1	10072.2	10023.7	9887.8	9629.5	9218.2	9374.2	9428.1	9290.8	8907.0	8439.5
15°	12577.9	12739.4	12598.9	12182.8	11936.5	12122.2	12031.3	11731.1	11314.8	10612.5	9816.9
12.5°	16229.1	15992.1	15400.3	15617.7	15556.4	15331.1	14871.3	14210.9	13346.4	12208.9	11062.8
10°	20466.6	20295.4	20123.2	19837.3	19366.9	18698.2	17581.2	16340.5	15049.0	13707.4	12315.2
7.5°	25988.3	25526.2	24937.6	23887.7	22575.3	21222.2	19806.0	18325.6	16748.5	15183.1	13556.4
5°	31011.8	29653.3	28267.3	26826.5	25235.5	23616.6	21982.6	20276.5	18418.2	16615.8	14759.6
2.5°	34178.8	32764.8	31237.3	29572.5	27524.7	25457.3	23390.4	21324.2	19111.8	17027.9	14945.2
0°	35586.8	33939.3	32052.6	30178.2	28135.0	25978.3	23665.2	21545.3	19281.3	17161.4	15050.7
-2.5°	34178.8	32764.8	31237.3	29572.5	27524.7	25457.3	23390.4	21324.2	19111.8	17027.9	14945.2
-5°	31011.8	29653.3	28267.3	26826.5	25235.5	23616.6	21982.6	20276.5	18418.2	16615.8	14759.6
-7.5°	25988.3	25526.2	24937.6	23887.7	22575.3	21222.2	19806.0	18325.6	16748.5	15183.1	13556.4
-10°	20466.6	20295.4	20123.2	19837.3	19366.9	18698.2	17581.2	16340.5	15049.0	13707.4	12315.2
-12.5°	16229.1	15992.1	15400.3	15617.7	15556.4	15331.1	14871.3	14210.9	13346.4	12208.9	11062.8
-15°	12577.9	12739.4	12598.9	12182.8	11936.5	12122.2	12031.3	11731.1	11314.8	10612.5	9816.9
-17.5°	10353.1	10072.2	10023.7	9887.8	9629.5	9218.2	9374.2	9428.1	9290.8	8907.0	8439.5
-20°	8289.6	8182.6	7949.5	7862.8	7818.8	7609.1	7304.8	7273.7	7417.8	7343.8	7121.2



REPORT NUMBER: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6569.8	6508.1	6440.2	6237.5	6188.4	6202.5	6081.4	5855.6	5718.3	5894.2	5899.9
-25°	5290.1	5122.9	5164.4	5128.6	4967.2	4937.2	4987.3	4931.1	4775.0	4607.4	4791.7
-27.5°	4271.7	4212.4	4130.7	4182.9	4134.1	4021.8	4056.1	4105.6	4062.4	3950.4	3818.7
-30°	3471.3	3491.8	3447.0	3424.5	3466.4	3419.5	3323.3	3421.1	3458.4	3412.0	3295.8
-32.5°	2884.0	2925.8	2921.2	2885.1	2908.9	2922.6	2903.8	2836.8	2922.6	2945.3	2892.8
-35°	2490.1	2482.8	2508.2	2500.1	2461.4	2525.0	2533.5	2493.7	2480.2	2539.7	2536.2
-37.5°	2174.9	2153.7	2180.3	2186.4	2176.7	2188.5	2216.7	2210.8	2173.7	2206.3	2235.2
-40°	1925.8	1914.5	1917.6	1938.5	1941.7	1919.9	1959.4	1968.9	1960.3	1927.1	1973.6
-42.5°	1729.6	1727.8	1713.5	1735.8	1742.9	1739.0	1743.2	1767.7	1768.0	1750.3	1751.6
-45°	1573.4	1574.6	1562.0	1564.0	1576.4	1579.2	1566.4	1590.1	1598.7	1590.8	1565.3
-47.5°	1444.5	1444.2	1431.7	1417.1	1435.1	1438.4	1431.8	1433.0	1446.5	1442.7	1428.5
-50°	1333.5	1330.9	1321.1	1304.6	1309.2	1313.4	1308.0	1291.4	1307.2	1310.8	1299.3
-52.5°	1234.8	1230.1	1220.7	1203.8	1195.9	1200.5	1193.8	1180.6	1182.9	1186.8	1178.0
-55°	1150.6	1139.7	1129.2	1113.7	1094.9	1096.9	1091.2	1077.7	1066.1	1069.7	1064.2
-57.5°	1068.9	1054.2	1041.4	1024.8	1004.5	998.2	991.0	977.2	957.6	960.3	955.8
-60°	982.4	965.7	951.6	934.4	914.2	901.2	893.9	880.8	861.8	857.1	855.1
-62.5°	891.4	872.4	859.4	844.1	825.7	808.8	800.4	787.6	771.0	759.6	758.0
-65°	801.5	785.4	771.9	755.8	737.1	716.6	708.2	696.9	682.4	667.1	664.7
-67.5°	709.3	694.3	679.9	664.7	647.6	628.7	619.2	608.8	597.1	583.0	579.3
-70°	614.4	601.5	588.5	574.7	560.0	544.8	535.8	527.9	517.5	503.6	495.2
-72.5°	519.2	508.5	497.6	487.4	476.4	464.5	454.9	446.3	435.2	421.4	412.1
-75°	424.1	416.2	408.1	400.5	391.8	382.2	373.0	364.6	354.6	342.9	333.6
-77.5°	330.8	326.2	320.7	314.8	308.0	300.1	292.0	284.8	277.0	268.0	260.3
-80°	246.2	243.5	240.1	235.5	229.9	223.2	215.8	210.4	204.0	197.8	192.9
-82.5°	171.8	170.1	167.7	163.3	158.6	153.7	148.7	146.1	143.1	139.5	135.7
-85°	100.8	99.4	97.8	96.3	94.7	93.1	91.4	90.0	88.1	85.7	82.7
-87.5°	38.9	38.9	38.9	40.1	41.2	42.1	42.8	41.4	40.0	38.5	36.9
-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: P559222 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-940-U-NAT-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°	35.8	34.5	33.1	31.7	30.1	28.4	26.6	24.6	22.9	21.0	18.9
85°	79.9	76.5	72.4	67.8	62.8	56.7	53.1	49.3	45.8	41.9	37.8
82.5°	132.1	127.8	122.9	117.3	112.4	105.8	97.6	87.7	76.6	64.2	56.7
80°	191.3	187.5	181.3	173.1	164.8	155.2	145.9	134.3	120.1	104.4	87.2
77.5°	257.0	251.5	243.8	235.1	224.4	212.0	197.9	181.9	163.7	144.5	123.5
75°	328.3	321.9	313.1	301.2	286.1	268.9	251.7	232.7	210.7	185.1	159.7
72.5°	406.2	397.1	384.8	368.9	351.3	330.9	307.8	283.7	259.2	230.4	197.2
70°	486.9	475.0	460.6	443.5	420.9	393.3	366.8	339.6	308.0	275.7	238.7
67.5°	570.4	556.9	539.3	520.3	496.3	465.7	427.9	397.3	363.3	321.2	280.1
65°	657.2	642.1	620.3	601.3	574.4	540.4	499.9	459.2	419.2	373.7	321.3
62.5°	748.5	731.7	710.9	686.2	655.3	618.0	573.3	529.7	477.5	426.4	367.6
60°	845.0	826.7	805.4	779.0	741.8	697.4	651.6	600.8	543.8	479.3	415.8
57.5°	944.7	924.7	907.0	876.2	834.5	782.6	733.2	677.6	610.2	538.5	464.1
55°	1048.2	1029.5	1013.5	980.4	931.9	873.4	821.9	758.8	679.2	599.2	512.1
52.5°	1158.8	1145.6	1126.3	1089.5	1036.2	973.7	922.5	842.0	757.3	659.7	566.0
50°	1275.3	1274.9	1249.6	1205.2	1144.2	1092.6	1028.2	941.1	836.6	723.7	620.9
47.5°	1419.0	1417.0	1387.1	1329.4	1259.6	1220.5	1147.9	1045.3	917.3	796.8	675.9
45°	1582.4	1571.3	1534.8	1470.2	1407.8	1365.8	1277.1	1153.2	1015.6	871.6	731.2
42.5°	1763.6	1744.0	1693.3	1618.0	1592.7	1526.4	1413.3	1276.2	1116.4	946.3	792.3
40°	1975.8	1934.4	1864.4	1826.4	1800.0	1700.4	1570.5	1405.5	1219.1	1026.2	857.0
37.5°	2210.6	2149.9	2056.5	2085.4	2030.6	1907.5	1738.7	1539.1	1326.8	1116.8	921.0
35°	2485.2	2390.2	2392.4	2388.2	2294.8	2128.9	1915.6	1683.8	1445.9	1207.0	984.0
32.5°	2785.7	2760.9	2803.3	2734.8	2583.8	2364.0	2113.5	1843.0	1566.7	1296.6	1045.9
30°	3212.2	3314.2	3269.2	3116.0	2903.0	2633.5	2326.1	2005.9	1688.5	1385.2	1109.7
27.5°	3947.8	3944.2	3793.7	3556.4	3261.2	2919.4	2541.2	2171.6	1810.9	1477.9	1181.8
25°	4777.9	4658.9	4400.3	4041.1	3641.0	3205.5	2759.6	2339.9	1943.9	1577.9	1251.9
22.5°	5726.0	5437.6	5057.9	4557.3	4016.7	3499.9	2992.4	2523.9	2081.5	1676.0	1319.5
20°	6751.4	6268.0	5746.1	5063.4	4422.1	3820.4	3238.8	2706.3	2217.2	1771.6	1384.4
17.5°	7849.4	7124.9	6401.4	5611.5	4847.6	4143.5	3484.7	2885.7	2349.8	1863.9	1446.1
15°	8913.3	7981.7	7076.1	6163.4	5274.9	4466.0	3727.5	3060.5	2478.3	1952.3	1494.6
12.5°	9961.9	8850.3	7760.2	6712.7	5698.8	4784.1	3964.8	3229.2	2601.4	2015.7	1526.2
10°	11008.7	9718.6	8443.7	7252.4	6113.9	5093.8	4193.5	3360.8	2659.5	2056.2	1552.4
7.5°	12039.6	10573.5	9115.7	7775.2	6471.5	5296.3	4291.3	3420.4	2697.7	2088.9	1573.0
5°	12880.7	11131.5	9421.4	7930.3	6572.0	5376.6	4351.7	3466.6	2724.1	2113.6	1588.1
2.5°	12994.4	11223.1	9467.0	7991.5	6639.1	5431.6	4391.7	3498.7	2739.0	2130.1	1597.6
0°	13038.3	11252.8	9461.2	8010.1	6672.5	5460.7	4411.5	3515.7	2742.6	2138.3	1601.4
-2.5°	12994.4	11223.1	9467.0	7991.5	6639.1	5431.6	4391.7	3498.7	2739.0	2130.1	1597.6
-5°	12880.7	11131.5	9421.4	7930.3	6572.0	5376.6	4351.7	3466.6	2724.1	2113.6	1588.1
-7.5°	12039.6	10573.5	9115.7	7775.2	6471.5	5296.3	4291.3	3420.4	2697.7	2088.9	1573.0
-10°	11008.7	9718.6	8443.7	7252.4	6113.9	5093.8	4193.5	3360.8	2659.5	2056.2	1552.4
-12.5°	9961.9	8850.3	7760.2	6712.7	5698.8	4784.1	3964.8	3229.2	2601.4	2015.7	1526.2
-15°	8913.3	7981.7	7076.1	6163.4	5274.9	4466.0	3727.5	3060.5	2478.3	1952.3	1494.6
-17.5°	7849.4	7124.9	6401.4	5611.5	4847.6	4143.5	3484.7	2885.7	2349.8	1863.9	1446.1
-20°	6751.4	6268.0	5746.1	5063.4	4422.1	3820.4	3238.8	2706.3	2217.2	1771.6	1384.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5726.0	5437.6	5057.9	4557.3	4016.7	3499.9	2992.4	2523.9	2081.5	1676.0	1319.5
-25°	4777.9	4658.9	4400.3	4041.1	3641.0	3205.5	2759.6	2339.9	1943.9	1577.9	1251.9
-27.5°	3947.8	3944.2	3793.7	3556.4	3261.2	2919.4	2541.2	2171.6	1810.9	1477.9	1181.8
-30°	3212.2	3314.2	3269.2	3116.0	2903.0	2633.5	2326.1	2005.9	1688.5	1385.2	1109.7
-32.5°	2785.7	2760.9	2803.3	2734.8	2583.8	2364.0	2113.5	1843.0	1566.7	1296.6	1045.9
-35°	2485.2	2390.2	2392.4	2388.2	2294.8	2128.9	1915.6	1683.8	1445.9	1207.0	984.0
-37.5°	2210.6	2149.9	2056.5	2085.4	2030.6	1907.5	1738.7	1539.1	1326.8	1116.8	921.0
-40°	1975.8	1934.4	1864.4	1826.4	1800.0	1700.4	1570.5	1405.5	1219.1	1026.2	857.0
-42.5°	1763.6	1744.0	1693.3	1618.0	1592.7	1526.4	1413.3	1276.2	1116.4	946.3	792.3
-45°	1582.4	1571.3	1534.8	1470.2	1407.8	1365.8	1277.1	1153.2	1015.6	871.6	731.2
-47.5°	1419.0	1417.0	1387.1	1329.4	1259.6	1220.5	1147.9	1045.3	917.3	796.8	675.9
-50°	1275.3	1274.9	1249.6	1205.2	1144.2	1092.6	1028.2	941.1	836.6	723.7	620.9
-52.5°	1158.8	1145.6	1126.3	1089.5	1036.2	973.7	922.5	842.0	757.3	659.7	566.0
-55°	1048.2	1029.5	1013.5	980.4	931.9	873.4	821.9	758.8	679.2	599.2	512.1
-57.5°	944.7	924.7	907.0	876.2	834.5	782.6	733.2	677.6	610.2	538.5	464.1
-60°	845.0	826.7	805.4	779.0	741.8	697.4	651.6	600.8	543.8	479.3	415.8
-62.5°	748.5	731.7	710.9	686.2	655.3	618.0	573.3	529.7	477.5	426.4	367.6
-65°	657.2	642.1	620.3	601.3	574.4	540.4	499.9	459.2	419.2	373.7	321.3
-67.5°	570.4	556.9	539.3	520.3	496.3	465.7	427.9	397.3	363.3	321.2	280.1
-70°	486.9	475.0	460.6	443.5	420.9	393.3	366.8	339.6	308.0	275.7	238.7
-72.5°	406.2	397.1	384.8	368.9	351.3	330.9	307.8	283.7	259.2	230.4	197.2
-75°	328.3	321.9	313.1	301.2	286.1	268.9	251.7	232.7	210.7	185.1	159.7
-77.5°	257.0	251.5	243.8	235.1	224.4	212.0	197.9	181.9	163.7	144.5	123.5
-80°	191.3	187.5	181.3	173.1	164.8	155.2	145.9	134.3	120.1	104.4	87.2
-82.5°	132.1	127.8	122.9	117.3	112.4	105.8	97.6	87.7	76.6	64.2	56.7
-85°	79.9	76.5	72.4	67.8	62.8	56.7	53.1	49.3	45.8	41.9	37.8
-87.5°	35.8	34.5	33.1	31.7	30.1	28.4	26.6	24.6	22.9	21.0	18.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	16.7	14.8	12.5	9.9	7.0	3.5	0.0
85°	33.3	29.5	25.0	19.8	13.9	7.0	0.0
82.5°	50.0	44.3	37.5	29.7	20.8	10.4	0.0
80°	68.6	59.0	50.0	39.5	27.7	13.9	0.0
77.5°	100.9	78.4	62.4	49.4	34.5	17.3	0.0
75°	133.1	106.2	76.7	59.1	41.3	20.6	0.0
72.5°	165.2	133.9	99.6	68.8	47.9	24.0	0.0
70°	197.8	161.4	122.3	79.9	54.5	27.3	0.0
67.5°	235.1	188.6	144.7	97.2	61.0	30.5	0.0
65°	272.3	218.2	166.9	114.3	67.4	33.7	0.0
62.5°	309.2	250.1	188.9	131.2	73.6	36.8	0.0
60°	346.0	281.8	210.5	147.7	79.7	39.9	0.0
57.5°	387.7	313.0	236.0	164.0	90.5	42.9	0.0
55°	429.6	344.0	261.3	179.9	101.1	45.8	0.0
52.5°	470.9	375.2	286.1	195.5	111.4	48.6	0.0
50°	511.5	409.4	310.5	210.7	121.5	51.3	0.0
47.5°	552.7	442.9	334.4	226.3	131.1	53.9	0.0
45°	600.4	475.7	357.7	243.9	140.5	56.4	0.0
42.5°	647.7	507.6	380.4	260.8	149.5	58.8	0.0
40°	694.5	538.6	403.8	276.7	158.2	61.1	0.0
37.5°	740.8	568.7	427.6	291.4	166.4	63.3	0.0
35°	786.3	602.9	450.4	305.3	174.2	65.4	0.0
32.5°	833.0	638.7	472.4	318.1	181.7	67.3	0.0
30°	882.9	673.3	493.3	330.1	188.6	69.1	0.0
27.5°	931.1	706.6	510.7	341.0	195.2	70.8	0.0
25°	977.4	738.6	526.7	351.0	201.2	72.3	0.0
22.5°	1021.7	767.2	541.5	359.9	206.8	73.7	0.0
20°	1063.8	788.9	555.2	367.9	211.9	75.0	0.0
17.5°	1095.5	808.0	567.5	374.9	216.5	76.1	0.0
15°	1119.2	824.4	578.5	380.8	220.5	77.1	0.0
12.5°	1139.4	838.2	588.1	385.7	224.0	77.9	0.0
10°	1156.2	849.4	596.3	389.7	227.0	78.6	0.0
7.5°	1169.4	857.9	603.0	392.6	229.4	79.1	0.0
5°	1179.0	863.9	608.1	394.6	231.2	79.5	0.0
2.5°	1184.9	867.3	611.7	395.6	232.5	79.7	0.0
0°	1187.2	868.2	613.6	395.7	233.2	79.8	0.0
-2.5°	1184.9	867.3	611.7	395.6	232.5	79.7	0.0
-5°	1179.0	863.9	608.1	394.6	231.2	79.5	0.0
-7.5°	1169.4	857.9	603.0	392.6	229.4	79.1	0.0
-10°	1156.2	849.4	596.3	389.7	227.0	78.6	0.0
-12.5°	1139.4	838.2	588.1	385.7	224.0	77.9	0.0
-15°	1119.2	824.4	578.5	380.8	220.5	77.1	0.0
-17.5°	1095.5	808.0	567.5	374.9	216.5	76.1	0.0
-20°	1063.8	788.9	555.2	367.9	211.9	75.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1021.7	767.2	541.5	359.9	206.8	73.7	0.0
-25°	977.4	738.6	526.7	351.0	201.2	72.3	0.0
-27.5°	931.1	706.6	510.7	341.0	195.2	70.8	0.0
-30°	882.9	673.3	493.3	330.1	188.6	69.1	0.0
-32.5°	833.0	638.7	472.4	318.1	181.7	67.3	0.0
-35°	786.3	602.9	450.4	305.3	174.2	65.4	0.0
-37.5°	740.8	568.7	427.6	291.4	166.4	63.3	0.0
-40°	694.5	538.6	403.8	276.7	158.2	61.1	0.0
-42.5°	647.7	507.6	380.4	260.8	149.5	58.8	0.0
-45°	600.4	475.7	357.7	243.9	140.5	56.4	0.0
-47.5°	552.7	442.9	334.4	226.3	131.1	53.9	0.0
-50°	511.5	409.4	310.5	210.7	121.5	51.3	0.0
-52.5°	470.9	375.2	286.1	195.5	111.4	48.6	0.0
-55°	429.6	344.0	261.3	179.9	101.1	45.8	0.0
-57.5°	387.7	313.0	236.0	164.0	90.5	42.9	0.0
-60°	346.0	281.8	210.5	147.7	79.7	39.9	0.0
-62.5°	309.2	250.1	188.9	131.2	73.6	36.8	0.0
-65°	272.3	218.2	166.9	114.3	67.4	33.7	0.0
-67.5°	235.1	188.6	144.7	97.2	61.0	30.5	0.0
-70°	197.8	161.4	122.3	79.9	54.5	27.3	0.0
-72.5°	165.2	133.9	99.6	68.8	47.9	24.0	0.0
-75°	133.1	106.2	76.7	59.1	41.3	20.6	0.0
-77.5°	100.9	78.4	62.4	49.4	34.5	17.3	0.0
-80°	68.6	59.0	50.0	39.5	27.7	13.9	0.0
-82.5°	50.0	44.3	37.5	29.7	20.8	10.4	0.0
-85°	33.3	29.5	25.0	19.8	13.9	7.0	0.0
-87.5°	16.7	14.8	12.5	9.9	7.0	3.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)