

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: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559170 (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-SA6C-927-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

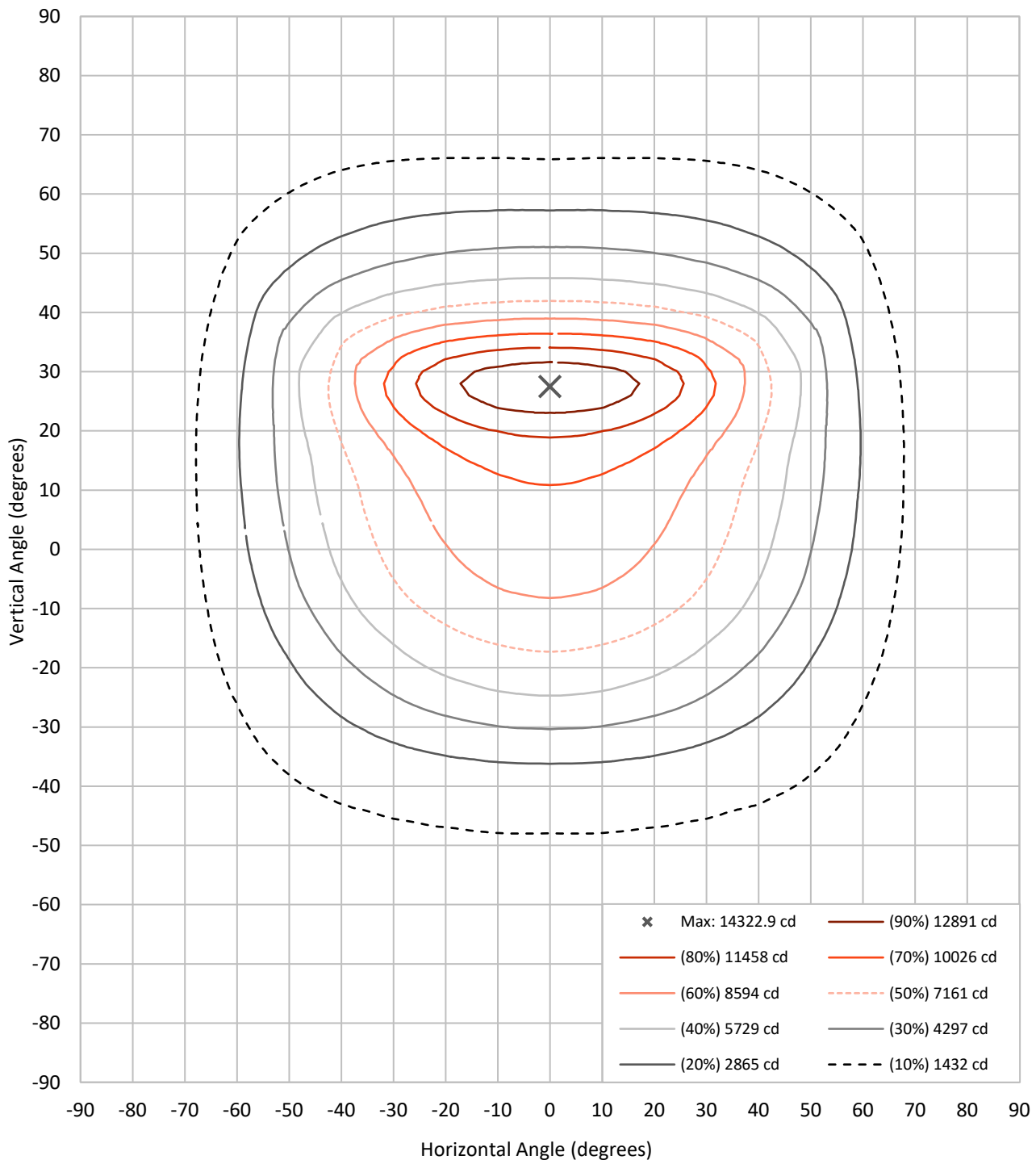
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20880.3 lumens	Max Intensity:	14322.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	86.6 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:	10851.5 lumens	Field Lumens:	19316.1 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	241		
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		



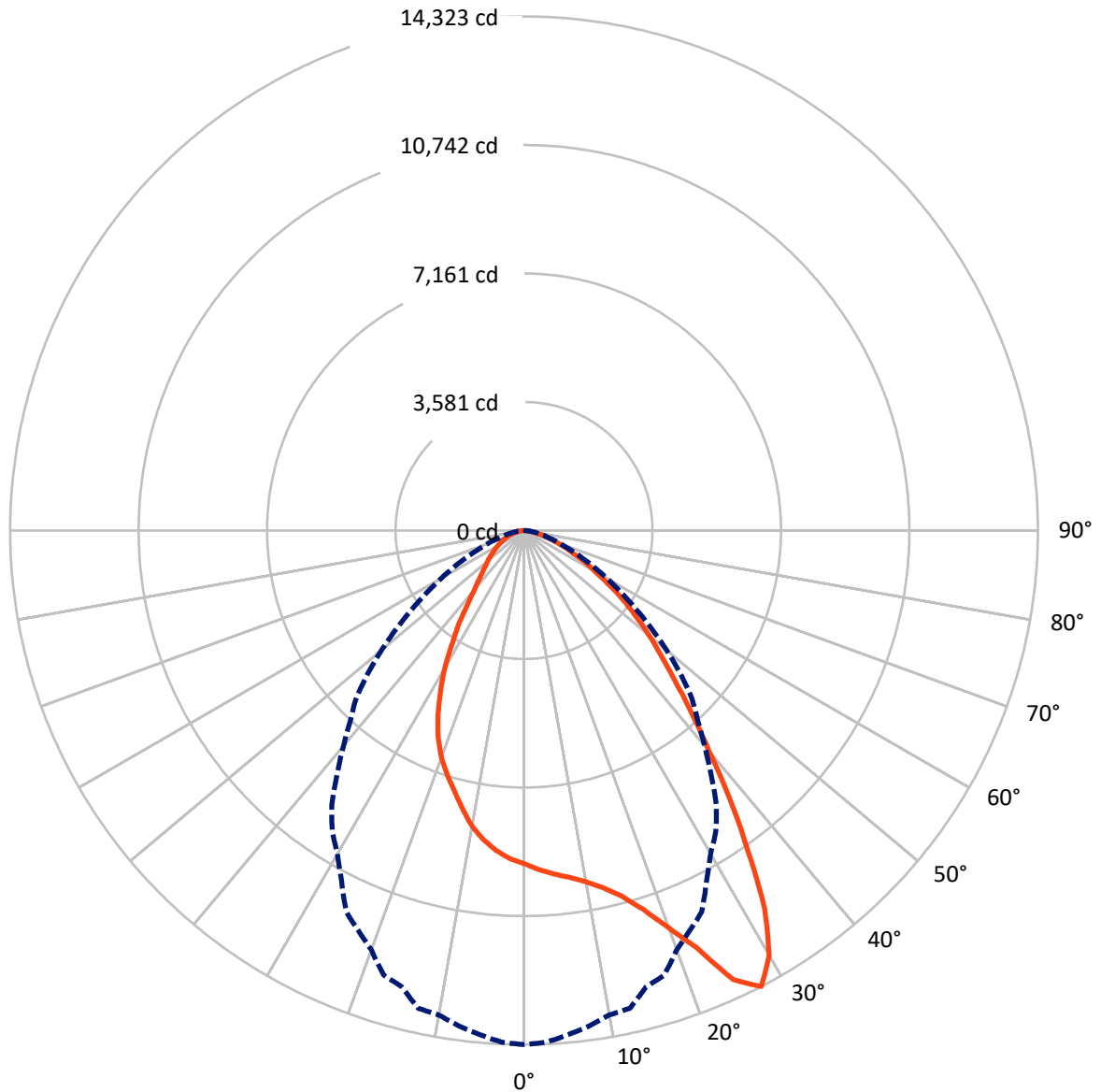
REPORT NUMBER: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



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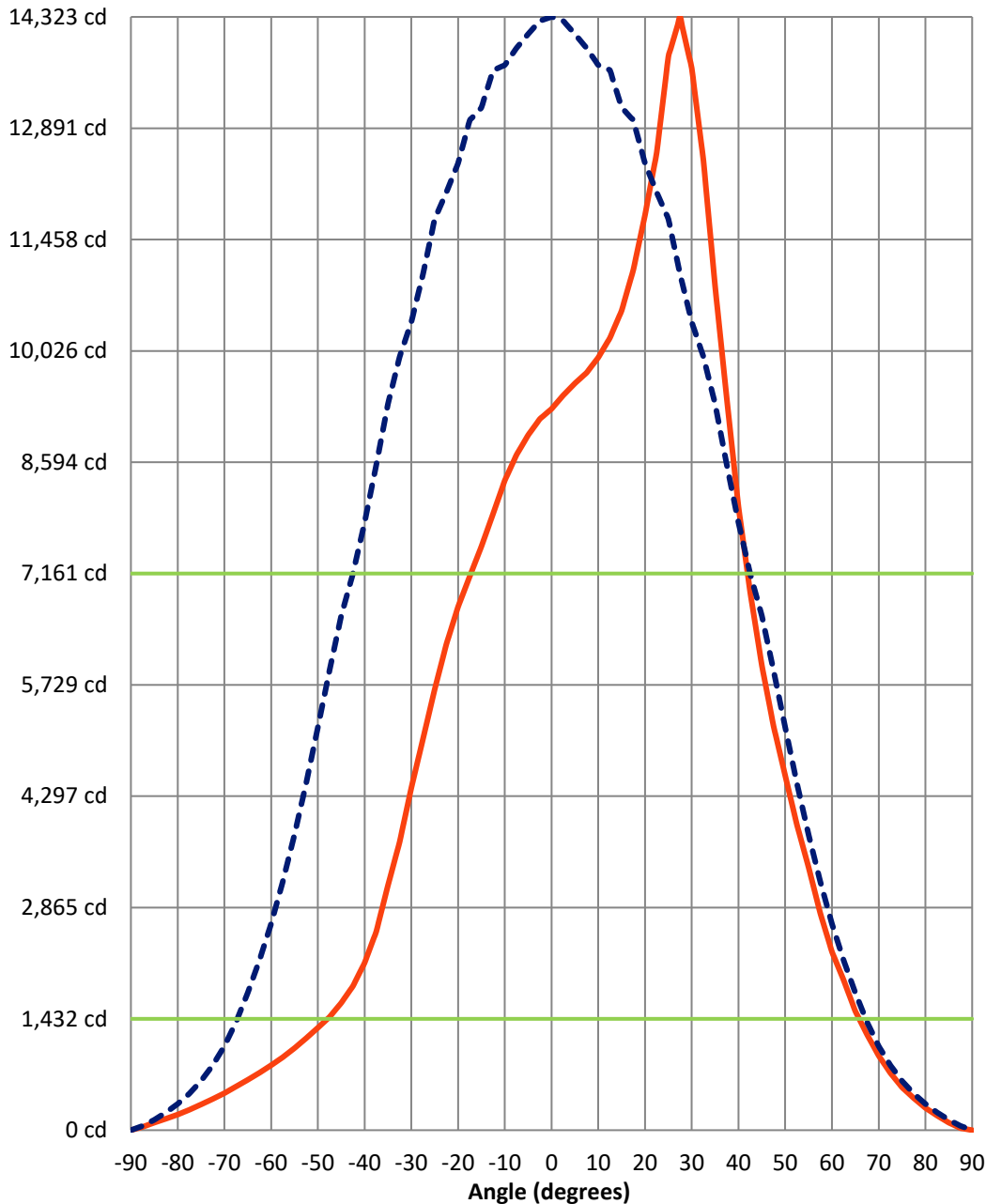
Luminous Intensity Polar Plot



— 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: 10851.5
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 19316.1
 Efficiency: 92.5%

Spill:
 Lumens: 1564.2
 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	2.7	5.6	8.3	10.9	13.5	16.0	18.4	20.7	23.0	25.1
85°	0.0	5.5	11.1	16.5	21.8	26.9	31.9	36.7	41.4	45.9	50.3
82.5°	0.0	8.2	16.7	24.7	32.6	40.3	47.8	55.0	63.3	77.2	91.6
80°	0.0	10.9	22.2	32.9	43.4	53.7	65.0	83.1	102.0	121.7	142.1
77.5°	0.0	13.6	27.6	41.0	54.2	70.0	92.3	115.8	140.3	165.7	195.4
75°	0.0	16.2	33.0	49.1	65.9	91.8	119.3	148.1	179.1	218.2	258.3
72.5°	0.0	18.9	38.3	57.1	82.5	113.2	145.8	182.3	227.1	273.1	320.3
70°	0.0	21.5	43.6	65.7	98.9	134.3	172.8	222.9	274.3	327.3	389.1
67.5°	0.0	24.0	48.7	77.3	114.9	154.9	205.9	262.7	320.7	389.5	458.7
65°	0.0	26.5	53.8	88.7	130.5	177.8	238.0	301.6	374.5	450.3	530.7
62.5°	0.0	28.9	58.7	99.9	145.7	202.7	269.1	344.9	426.9	511.9	610.1
60°	0.0	31.3	63.5	110.7	160.5	226.8	299.0	389.3	478.0	579.7	686.9
57.5°	0.0	33.6	70.3	121.2	178.3	250.0	332.9	431.9	533.5	645.1	774.7
55°	0.0	35.9	77.0	131.3	195.5	272.1	365.7	471.5	588.3	711.2	864.5
52.5°	0.0	38.1	83.4	141.0	212.0	293.9	396.9	513.6	640.8	785.3	949.1
50°	0.0	40.2	89.6	150.4	227.6	317.7	426.1	553.6	693.7	854.8	1050.3
47.5°	0.0	42.2	95.5	159.8	242.5	340.1	454.0	590.9	750.2	919.6	1146.8
45°	0.0	44.2	101.2	170.2	256.4	361.0	483.2	625.3	799.3	997.9	1235.7
42.5°	0.0	46.0	106.7	180.0	269.5	380.4	510.0	661.3	844.5	1070.1	1335.7
40°	0.0	47.8	111.8	189.4	282.8	398.2	534.5	697.4	890.0	1135.0	1429.3
37.5°	0.0	49.5	116.7	198.3	296.0	414.4	556.6	730.2	939.2	1194.3	1513.2
35°	0.0	51.1	121.3	206.5	308.1	430.5	576.3	759.6	982.5	1257.4	1592.3
32.5°	0.0	52.5	125.7	214.3	319.0	445.6	595.2	785.6	1019.9	1311.4	1662.7
30°	0.0	53.9	129.7	221.4	328.8	458.9	615.5	809.8	1051.5	1356.3	1721.1
27.5°	0.0	55.2	133.4	227.9	338.0	470.4	633.1	834.9	1080.8	1392.1	1767.5
25°	0.0	56.3	136.7	233.7	346.2	480.0	647.9	855.4	1109.3	1425.1	1802.3
22.5°	0.0	57.4	139.8	239.0	353.2	488.4	660.0	871.3	1130.8	1451.7	1832.1
20°	0.0	58.3	142.5	243.6	359.1	496.7	669.4	882.8	1145.4	1468.9	1851.4
17.5°	0.0	59.2	144.9	247.6	363.8	503.6	677.9	890.0	1153.4	1477.1	1860.3
15°	0.0	59.9	146.9	251.0	367.5	509.0	684.7	895.0	1155.1	1476.5	1859.1
12.5°	0.0	60.5	148.6	253.7	370.0	513.0	688.9	898.8	1155.1	1467.7	1848.1
10°	0.0	61.0	150.0	255.8	371.6	515.5	690.6	899.0	1153.2	1463.3	1831.3
7.5°	0.0	61.3	151.0	257.2	372.1	516.5	689.8	895.9	1146.4	1454.0	1812.5
5°	0.0	61.6	151.7	258.0	371.6	516.1	686.7	889.6	1134.9	1438.6	1784.7
2.5°	0.0	61.7	152.0	258.2	370.2	514.3	681.5	880.3	1119.2	1417.2	1748.7
0°	0.0	61.7	152.0	257.8	367.9	511.1	674.2	868.1	1099.4	1390.2	1705.3
-2.5°	0.0	61.8	151.6	256.6	366.1	506.3	666.5	855.3	1080.0	1360.3	1661.6
-5°	0.0	61.8	150.9	254.9	363.5	500.1	656.9	840.1	1057.1	1325.6	1612.2
-7.5°	0.0	61.6	149.9	252.5	360.1	492.8	645.6	822.5	1031.1	1286.5	1557.9
-10°	0.0	61.3	148.5	249.6	355.8	484.3	632.6	802.8	1002.2	1243.7	1499.3
-12.5°	0.0	60.9	146.9	246.1	350.7	474.8	618.1	781.1	970.7	1198.1	1441.8
-15°	0.0	60.4	144.9	242.1	344.9	464.3	602.1	757.6	938.4	1153.1	1383.1
-17.5°	0.0	59.8	142.6	237.6	338.2	452.9	584.7	734.2	906.1	1105.7	1321.4
-20°	0.0	59.0	140.0	232.6	330.8	440.7	566.7	710.5	872.1	1056.2	1257.2



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 CATALOG NUMBER: GFLD-SA6C-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	58.2	137.2	227.1	322.7	427.8	548.6	685.0	836.6	1005.0	1191.0
-25°	0.0	57.2	134.1	221.1	313.9	414.9	529.4	658.1	799.8	952.4	1123.2
-27.5°	0.0	56.1	130.7	214.7	304.3	401.4	509.3	629.7	762.0	901.6	1058.9
-30°	0.0	54.9	127.0	207.8	294.1	387.1	488.2	600.0	725.5	855.1	994.7
-32.5°	0.0	53.5	123.2	200.5	283.6	372.0	466.4	572.3	689.1	808.5	930.9
-35°	0.0	52.1	119.0	192.9	272.5	356.1	446.0	545.0	651.6	761.9	867.7
-37.5°	0.0	50.5	114.7	184.9	260.9	340.1	425.8	517.1	613.1	715.5	815.5
-40°	0.0	48.9	110.2	176.5	248.7	324.8	404.8	488.7	573.8	670.3	766.0
-42.5°	0.0	47.1	105.4	167.8	236.7	308.9	383.2	459.9	538.4	626.6	715.7
-45°	0.0	45.3	100.5	158.8	224.7	292.5	360.9	432.1	505.2	582.9	665.0
-47.5°	0.0	43.3	95.4	149.5	212.3	275.7	338.0	405.4	471.9	539.1	616.6
-50°	0.0	41.3	90.1	141.2	199.5	258.5	317.1	378.2	439.1	502.3	568.4
-52.5°	0.0	39.1	84.6	133.0	186.2	240.8	296.1	350.6	407.3	464.9	521.1
-55°	0.0	36.9	79.0	124.6	172.6	223.8	274.9	322.8	375.6	426.8	479.2
-57.5°	0.0	34.6	73.2	115.9	158.7	206.5	253.3	298.2	343.4	390.4	436.8
-60°	0.0	32.3	67.4	107.0	144.6	188.9	231.5	273.2	311.7	354.2	394.9
-62.5°	0.0	29.8	62.3	98.0	132.6	170.9	210.2	247.8	283.1	317.5	354.9
-65°	0.0	27.3	57.1	88.7	120.4	152.6	188.6	222.3	254.2	284.5	314.6
-67.5°	0.0	24.8	51.8	79.3	107.9	135.7	166.6	197.2	224.9	252.2	277.8
-70°	0.0	22.2	46.4	69.7	95.3	120.1	144.4	171.9	197.0	219.6	242.3
-72.5°	0.0	19.5	40.8	61.0	82.5	104.3	125.3	146.5	168.9	189.2	207.3
-75°	0.0	16.8	35.2	52.5	69.6	88.4	106.5	123.9	140.8	158.8	174.9
-77.5°	0.0	14.0	29.5	43.9	57.9	72.3	87.5	102.3	116.3	129.4	142.5
-80°	0.0	11.3	23.7	35.2	46.5	57.5	68.4	80.6	92.1	102.9	112.9
-82.5°	0.0	8.5	17.8	26.5	34.9	43.2	51.2	59.5	67.8	76.3	84.2
-85°	0.0	5.7	11.9	17.7	23.3	28.8	34.2	39.7	45.2	50.5	55.8
-87.5°	0.0	2.8	6.0	8.8	11.7	14.4	17.1	19.9	22.6	25.3	27.9
-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: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	26.5	27.6	28.4	29.1	30.2	31.2	32.0	32.7	33.3	33.8	34.1
85°	52.9	55.1	61.7	67.9	74.3	80.2	85.5	90.1	93.8	96.9	99.3
82.5°	103.4	114.4	124.9	134.7	143.7	151.7	159.5	168.3	175.5	181.5	186.3
80°	158.6	173.6	192.0	209.1	224.6	238.8	251.7	263.4	272.4	281.5	290.4
77.5°	222.9	247.3	270.0	290.9	311.2	334.9	356.8	376.9	392.3	404.0	413.0
75°	292.0	321.0	354.1	386.9	417.8	446.2	473.8	507.3	534.7	555.3	571.7
72.5°	365.8	407.5	448.0	487.3	532.6	576.6	619.3	660.6	696.9	723.5	745.1
70°	445.5	493.9	549.9	606.5	661.0	716.3	775.2	828.8	873.2	904.5	934.4
67.5°	527.0	594.9	661.2	729.4	806.5	876.8	941.1	1009.0	1068.7	1108.1	1142.5
65°	620.9	696.9	785.4	875.8	960.5	1048.2	1129.5	1203.1	1278.6	1333.4	1378.5
62.5°	711.7	818.6	922.9	1028.6	1135.1	1230.5	1336.7	1431.4	1507.3	1585.8	1653.0
60°	819.4	946.4	1074.3	1201.8	1320.9	1455.0	1571.4	1681.5	1782.9	1870.4	1953.1
57.5°	926.9	1090.8	1242.2	1391.7	1549.4	1692.8	1829.6	1952.9	2074.1	2175.4	2274.7
55°	1039.9	1250.9	1425.6	1610.4	1783.8	1945.8	2099.5	2253.9	2383.2	2522.6	2644.0
52.5°	1165.4	1406.4	1632.2	1835.6	2031.0	2217.9	2401.8	2587.6	2769.1	2913.7	3050.9
50°	1282.7	1569.9	1841.5	2073.7	2298.3	2520.2	2750.0	2982.3	3182.3	3347.7	3490.5
47.5°	1411.8	1721.9	2066.9	2323.7	2593.3	2868.2	3147.2	3403.8	3621.7	3846.8	4004.5
45°	1537.5	1875.6	2250.0	2606.3	2918.2	3251.2	3558.5	3841.6	4157.4	4403.1	4613.9
42.5°	1652.3	2021.3	2438.0	2891.5	3281.5	3638.9	3971.5	4369.7	4732.5	5019.8	5282.7
40°	1770.5	2153.8	2609.0	3156.4	3643.8	4025.2	4430.1	4870.1	5342.3	5695.9	6010.2
37.5°	1878.5	2289.4	2765.4	3358.6	4000.4	4419.8	4867.5	5344.8	5883.3	6415.0	6792.8
35°	1974.1	2404.2	2920.5	3523.0	4180.1	4802.3	5275.7	5784.1	6373.3	7063.3	7579.3
32.5°	2060.8	2498.0	3043.6	3651.3	4318.0	5047.4	5648.0	6170.0	6761.1	7473.1	8349.3
30°	2131.5	2588.7	3135.3	3744.0	4412.6	5139.0	5901.9	6470.5	7031.5	7730.3	8545.8
27.5°	2185.1	2655.3	3198.5	3801.9	4463.3	5181.6	5915.3	6616.9	7160.0	7817.5	8559.1
25°	2226.3	2709.8	3231.9	3823.4	4470.7	5162.9	5868.9	6532.9	7142.5	7722.2	8387.7
22.5°	2260.3	2747.5	3268.6	3808.9	4436.9	5096.4	5760.5	6393.5	6983.6	7526.2	8098.7
20°	2285.9	2771.5	3287.1	3823.1	4380.3	4988.4	5623.5	6225.9	6796.0	7321.4	7787.3
17.5°	2297.5	2778.6	3287.1	3820.4	4370.8	4902.7	5455.7	6034.7	6595.1	7117.1	7577.5
15°	2295.4	2769.3	3269.0	3800.0	4342.1	4869.1	5378.5	5856.2	6378.1	6905.8	7364.5
12.5°	2280.2	2744.3	3233.4	3762.0	4295.6	4816.2	5316.5	5796.2	6264.0	6706.0	7144.6
10°	2252.5	2704.3	3181.1	3706.4	4231.2	4744.2	5238.0	5719.2	6182.3	6616.2	7024.5
7.5°	2224.1	2659.4	3118.2	3633.7	4149.1	4653.0	5142.4	5624.5	6078.5	6511.6	6923.9
5°	2186.6	2611.9	3070.3	3564.1	4060.9	4552.5	5031.4	5511.1	5953.1	6390.0	6804.0
2.5°	2139.0	2552.9	3009.8	3479.8	3962.2	4448.6	4911.4	5382.2	5835.3	6255.2	6663.1
0°	2082.0	2483.0	2936.8	3379.7	3846.8	4327.1	4772.1	5232.6	5704.0	6100.6	6499.4
-2.5°	2020.0	2399.3	2830.4	3271.1	3722.5	4193.5	4649.8	5086.4	5547.4	5948.3	6355.5
-5°	1950.4	2306.9	2712.9	3148.5	3583.6	4042.7	4507.5	4922.6	5363.1	5759.5	6160.0
-7.5°	1874.5	2207.1	2585.7	3010.9	3425.3	3858.4	4298.6	4698.0	5126.2	5518.3	5908.4
-10°	1794.2	2108.7	2462.1	2855.3	3246.0	3649.7	4063.2	4454.2	4866.0	5256.5	5631.9
-12.5°	1717.4	2011.7	2334.7	2692.2	3056.9	3429.9	3814.4	4191.9	4582.5	4974.8	5325.9
-15°	1636.9	1909.7	2203.1	2523.6	2859.3	3200.7	3553.9	3911.1	4277.7	4661.5	4985.8
-17.5°	1553.6	1803.8	2068.8	2351.1	2654.9	2963.9	3288.7	3633.5	3968.9	4318.6	4632.2
-20°	1468.3	1694.7	1933.4	2176.7	2446.5	2742.9	3046.7	3356.1	3660.9	3965.4	4259.9



REPORT NUMBER: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1381.9	1583.3	1800.5	2014.6	2271.2	2538.8	2805.3	3074.0	3347.4	3609.6	3888.2
-25°	1298.4	1479.8	1671.7	1879.8	2100.1	2336.0	2565.0	2792.1	3034.6	3280.3	3520.2
-27.5°	1217.9	1378.0	1559.2	1744.8	1928.3	2138.2	2338.6	2531.1	2742.7	2959.5	3153.3
-30°	1137.2	1289.3	1447.9	1612.6	1774.1	1949.4	2122.6	2291.4	2463.9	2649.5	2817.3
-32.5°	1062.4	1201.2	1345.6	1489.9	1627.0	1763.0	1923.1	2073.0	2214.1	2346.4	2492.8
-35°	994.1	1121.3	1246.8	1371.3	1484.2	1603.7	1737.6	1863.9	1977.1	2083.4	2195.3
-37.5°	929.6	1042.8	1148.5	1259.8	1360.1	1462.5	1561.1	1670.3	1762.1	1847.0	1938.9
-40°	864.9	966.2	1061.3	1154.2	1246.3	1331.8	1415.8	1490.2	1564.1	1645.6	1708.8
-42.5°	801.2	895.3	980.4	1051.7	1138.5	1212.2	1277.5	1339.1	1399.5	1463.1	1513.7
-45°	745.0	825.1	902.8	971.1	1036.1	1099.0	1154.4	1202.8	1259.9	1304.1	1342.3
-47.5°	688.3	757.7	828.7	891.8	946.1	997.2	1038.4	1087.0	1133.9	1171.8	1194.1
-50°	632.5	696.0	756.1	814.8	864.1	905.1	940.7	980.7	1019.6	1051.8	1073.1
-52.5°	581.0	634.0	689.8	739.8	785.2	821.9	855.9	890.7	919.2	941.3	969.2
-55°	530.2	579.1	625.6	670.5	709.4	743.0	776.2	807.1	831.6	850.7	873.6
-57.5°	482.5	526.6	567.2	604.9	639.7	668.7	701.0	727.4	750.1	768.0	791.8
-60°	436.0	475.4	512.4	545.2	573.8	602.3	628.7	653.0	672.8	690.5	712.2
-62.5°	389.8	425.4	458.7	488.8	514.9	538.5	562.2	582.9	599.5	617.9	635.9
-65°	346.5	376.5	405.6	433.1	457.7	480.2	499.8	516.4	532.0	548.4	562.9
-67.5°	303.3	331.3	355.7	377.6	400.3	422.1	440.2	455.6	468.7	481.9	494.1
-70°	264.6	286.9	309.2	328.9	346.2	364.4	382.0	396.5	408.1	418.6	428.5
-72.5°	226.6	246.4	264.8	281.8	297.5	312.1	325.9	339.1	349.9	358.1	365.3
-75°	190.6	205.9	221.8	236.7	249.4	260.7	271.4	281.9	290.8	297.7	303.5
-77.5°	156.0	168.9	181.1	192.5	201.7	210.7	219.0	226.6	233.4	238.7	242.5
-80°	122.5	131.8	141.7	151.1	158.2	164.2	169.5	174.0	179.0	184.2	188.6
-82.5°	91.2	97.9	104.5	110.8	115.8	120.0	123.6	127.1	130.7	134.0	137.0
-85°	60.0	63.9	67.9	71.7	75.5	78.8	81.7	84.2	86.1	87.8	89.2
-87.5°	30.0	31.9	33.7	35.4	37.2	38.9	40.6	42.1	43.1	43.9	44.6
-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: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-WAF-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°	34.3	34.4	34.4	34.2	34.0	32.6	31.1	29.4	27.6	28.5	29.2
85°	101.0	101.4	101.1	100.1	98.5	98.4	98.0	97.3	96.4	97.9	99.1
82.5°	190.1	191.5	191.7	190.8	188.9	189.7	190.1	189.7	188.6	189.9	190.8
80°	297.1	299.9	300.1	298.0	294.0	294.5	294.8	294.0	292.0	292.5	292.4
77.5°	423.2	429.8	432.1	431.1	427.0	425.8	422.9	417.2	408.7	408.6	408.8
75°	584.1	590.8	594.3	594.0	590.1	587.5	583.9	577.3	567.8	567.4	567.5
72.5°	761.7	771.5	775.9	779.9	779.8	778.4	773.6	763.7	749.1	747.4	749.1
70°	957.8	974.3	984.7	992.7	999.1	1000.4	997.3	989.4	976.6	973.2	972.2
67.5°	1176.1	1202.5	1222.5	1235.8	1248.3	1257.4	1260.8	1257.2	1246.8	1243.4	1244.8
65°	1420.9	1461.6	1495.3	1520.4	1537.4	1549.3	1559.7	1565.9	1567.4	1571.0	1575.9
62.5°	1706.9	1756.9	1803.7	1835.5	1851.9	1863.4	1897.0	1916.4	1921.9	1923.1	1930.5
60°	2026.2	2089.4	2147.7	2194.6	2232.4	2261.0	2289.7	2308.5	2315.6	2317.1	2327.3
57.5°	2375.4	2454.7	2523.0	2595.6	2646.2	2675.5	2713.7	2753.0	2773.6	2779.5	2803.7
55°	2761.6	2869.9	2958.5	3036.1	3106.8	3168.9	3221.5	3262.0	3292.0	3310.1	3342.1
52.5°	3188.8	3316.0	3408.7	3499.8	3601.1	3672.5	3719.2	3794.2	3848.5	3878.4	3916.6
50°	3657.8	3799.6	3925.7	4021.3	4139.1	4236.7	4307.8	4378.8	4428.6	4457.0	4494.0
47.5°	4191.7	4366.3	4512.7	4601.3	4738.1	4853.0	4899.4	4953.0	5046.7	5091.7	5131.3
45°	4792.8	5015.6	5178.2	5316.8	5434.4	5563.3	5647.7	5708.7	5801.0	5847.3	5876.4
42.5°	5508.0	5755.8	5970.1	6136.5	6235.3	6402.5	6524.5	6558.8	6689.5	6778.2	6804.2
40°	6310.2	6584.8	6867.5	7057.1	7216.3	7386.1	7587.3	7699.4	7809.9	7896.8	7916.5
37.5°	7146.0	7513.7	7836.4	8081.2	8344.4	8594.9	8808.1	8924.4	8996.9	9163.2	9225.2
35°	7995.8	8375.2	8827.2	9207.6	9526.6	9835.9	10079.2	10270.8	10453.2	10602.9	10692.5
32.5°	8719.4	9127.8	9685.8	10255.4	10599.8	10934.7	11334.4	11553.5	11796.9	11994.1	12138.2
30°	9314.1	9702.3	10210.4	10925.2	11396.6	11736.1	12241.9	12544.9	12810.0	13144.3	13260.6
27.5°	9342.2	9949.0	10398.3	11013.9	11721.5	12066.1	12440.3	12991.2	13158.3	13634.9	13703.6
25°	9097.0	9734.1	10195.9	10709.7	11298.0	11717.1	12059.0	12517.1	12756.9	13063.4	13298.8
22.5°	8713.5	9275.0	9746.0	10181.7	10640.8	11022.4	11334.9	11656.9	11920.1	12157.9	12378.8
20°	8289.9	8822.9	9269.6	9644.3	10008.0	10361.9	10642.9	10913.4	11141.0	11345.2	11470.9
17.5°	7991.6	8375.0	8831.5	9215.2	9530.7	9808.4	10099.1	10325.5	10525.2	10708.9	10823.8
15°	7787.9	8152.6	8477.5	8829.7	9162.1	9426.9	9645.7	9879.3	10051.9	10210.1	10334.6
12.5°	7576.5	7952.3	8292.3	8585.6	8845.8	9135.0	9369.0	9552.7	9733.7	9857.9	9985.8
10°	7399.9	7751.5	8104.2	8413.9	8687.7	8926.0	9147.5	9353.5	9516.0	9655.3	9756.1
7.5°	7297.5	7642.2	7959.2	8256.4	8523.2	8777.2	9005.6	9194.5	9355.6	9499.7	9605.3
5°	7178.6	7519.9	7836.3	8140.0	8396.4	8640.3	8867.8	9062.2	9228.9	9357.3	9458.3
2.5°	7042.4	7379.0	7694.7	8003.4	8259.6	8495.0	8710.2	8899.8	9073.4	9195.8	9281.8
0°	6887.2	7224.2	7532.7	7823.5	8081.3	8334.7	8532.9	8724.6	8894.3	9015.4	9101.4
-2.5°	6730.6	7065.6	7384.9	7663.5	7919.4	8153.3	8364.4	8545.4	8707.4	8828.1	8903.5
-5°	6522.5	6855.4	7170.6	7451.4	7718.6	7953.5	8158.6	8342.7	8498.8	8630.3	8732.6
-7.5°	6270.5	6607.2	6922.0	7208.7	7474.7	7696.6	7893.6	8079.0	8245.7	8389.4	8515.2
-10°	5993.4	6326.4	6623.8	6892.4	7140.2	7365.8	7575.4	7758.6	7911.4	8052.1	8158.1
-12.5°	5670.7	5979.1	6269.9	6534.7	6777.0	7002.8	7202.2	7376.7	7530.4	7655.2	7750.7
-15°	5314.7	5607.3	5882.8	6153.4	6407.1	6629.6	6804.9	6988.9	7122.1	7243.2	7329.2
-17.5°	4933.7	5216.7	5506.5	5777.6	6011.8	6231.4	6424.3	6592.4	6732.2	6843.2	6940.3
-20°	4547.6	4835.8	5114.7	5373.1	5598.4	5801.9	5997.3	6158.8	6302.0	6422.8	6536.6



REPORT NUMBER: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4159.8	4424.2	4685.9	4938.8	5151.8	5344.2	5515.3	5669.8	5796.2	5938.6	6039.1
-25°	3761.4	3993.1	4229.6	4452.9	4654.2	4843.4	4998.4	5133.9	5265.7	5403.1	5501.1
-27.5°	3361.2	3566.0	3758.0	3955.6	4132.1	4295.9	4439.8	4558.3	4686.3	4778.1	4885.8
-30°	2965.3	3151.1	3311.3	3448.8	3614.7	3755.3	3867.3	3985.0	4090.7	4178.4	4269.2
-32.5°	2630.1	2757.1	2885.0	3000.0	3110.4	3226.0	3316.2	3419.0	3491.4	3567.0	3640.4
-35°	2308.0	2405.8	2490.8	2598.3	2681.0	2744.0	2819.2	2894.6	2923.6	3005.8	3049.5
-37.5°	2016.3	2080.5	2159.7	2234.7	2296.1	2343.1	2410.1	2449.6	2470.4	2523.5	2552.0
-40°	1766.6	1807.2	1881.1	1932.3	1969.2	2003.4	2059.0	2084.7	2113.1	2139.5	2140.3
-42.5°	1546.9	1599.1	1649.3	1689.5	1712.8	1751.7	1778.0	1780.8	1817.6	1841.1	1844.7
-45°	1367.3	1420.3	1460.1	1489.6	1512.8	1546.3	1563.2	1572.7	1602.7	1618.6	1625.6
-47.5°	1229.3	1266.3	1300.7	1323.5	1354.1	1378.9	1391.2	1407.0	1430.0	1444.7	1455.2
-50°	1107.9	1137.3	1163.4	1184.3	1214.8	1236.8	1248.7	1268.1	1285.3	1295.9	1304.2
-52.5°	1001.2	1027.4	1045.6	1065.8	1091.1	1110.6	1125.7	1145.0	1159.3	1168.6	1175.9
-55°	901.3	926.0	943.7	965.8	983.8	997.0	1009.8	1028.6	1042.6	1052.1	1058.4
-57.5°	813.2	831.7	849.1	869.2	886.3	900.6	912.0	922.4	931.6	939.4	945.5
-60°	730.7	745.7	761.6	777.3	790.3	800.6	812.9	822.3	828.3	832.0	836.9
-62.5°	651.3	664.8	678.9	691.6	701.9	710.5	720.5	728.3	733.8	737.7	740.6
-65°	575.8	587.5	599.5	610.0	618.9	626.4	633.4	638.9	642.7	646.0	648.6
-67.5°	505.3	514.5	522.9	530.1	536.9	543.2	549.4	553.5	555.8	558.4	561.2
-70°	437.2	444.5	450.0	454.4	458.3	463.4	469.3	473.4	475.8	478.4	480.9
-72.5°	371.3	376.7	381.2	384.8	387.0	390.2	394.3	397.7	400.2	402.2	403.2
-75°	307.9	312.3	316.3	319.1	320.8	323.1	325.1	326.3	326.4	327.3	327.9
-77.5°	245.9	250.2	254.0	256.6	258.3	260.2	261.7	262.5	262.7	262.8	262.2
-80°	192.0	195.0	197.4	199.2	200.5	201.8	202.5	202.7	202.3	202.7	202.9
-82.5°	139.5	142.1	144.3	145.9	147.0	148.3	149.4	150.1	150.6	150.8	150.6
-85°	90.3	91.5	92.7	93.7	94.7	95.3	95.6	95.6	95.4	95.5	95.3
-87.5°	45.1	44.6	43.9	43.0	42.0	42.3	42.5	42.6	42.6	43.1	43.4
-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: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	30.0	30.7	28.6	26.4	28.6	30.7	30.0	29.2	28.5	27.6	29.4
85°	100.1	100.8	99.0	96.9	99.0	100.8	100.1	99.1	97.9	96.4	97.3
82.5°	191.0	190.7	189.3	187.3	189.3	190.7	191.0	190.8	189.9	188.6	189.7
80°	291.3	289.4	288.3	286.4	288.3	289.4	291.3	292.4	292.5	292.0	294.0
77.5°	407.8	405.6	409.2	412.0	409.2	405.6	407.8	408.8	408.6	408.7	417.2
75°	565.3	561.0	556.8	550.8	556.8	561.0	565.3	567.5	567.4	567.8	577.3
72.5°	748.3	744.9	741.5	735.9	741.5	744.9	748.3	749.1	747.4	749.1	763.7
70°	966.4	956.2	957.9	958.4	957.9	956.2	966.4	972.2	973.2	976.6	989.4
67.5°	1240.8	1231.5	1232.7	1231.6	1232.7	1231.5	1240.8	1244.8	1243.4	1246.8	1257.2
65°	1573.0	1562.5	1549.9	1531.2	1549.9	1562.5	1573.0	1575.9	1571.0	1567.4	1565.9
62.5°	1929.6	1920.4	1925.7	1930.0	1925.7	1920.4	1929.6	1930.5	1923.1	1921.9	1916.4
60°	2325.7	2312.7	2306.2	2295.7	2306.2	2312.7	2325.7	2327.3	2317.1	2315.6	2308.5
57.5°	2814.8	2812.4	2806.6	2791.4	2806.6	2812.4	2814.8	2803.7	2779.5	2773.6	2753.0
55°	3357.1	3354.1	3366.6	3381.9	3366.6	3354.1	3357.1	3342.1	3310.1	3292.0	3262.0
52.5°	3944.8	3954.8	3951.2	3930.5	3951.2	3954.8	3944.8	3916.6	3878.4	3848.5	3794.2
50°	4526.6	4537.7	4549.6	4560.6	4549.6	4537.7	4526.6	4494.0	4457.0	4428.6	4378.8
47.5°	5186.0	5215.3	5220.4	5199.5	5220.4	5215.3	5186.0	5131.3	5091.7	5046.7	4953.0
45°	5935.0	5952.7	5961.7	5979.4	5961.7	5952.7	5935.0	5876.4	5847.3	5801.0	5708.7
42.5°	6879.4	6899.9	6903.1	6922.4	6903.1	6899.9	6879.4	6804.2	6778.2	6689.5	6558.8
40°	8000.4	8033.6	8027.9	8019.6	8027.9	8033.6	8000.4	7916.5	7896.8	7809.9	7699.4
37.5°	9312.6	9369.0	9374.9	9409.8	9374.9	9369.0	9312.6	9225.2	9163.2	8996.9	8924.4
35°	10785.3	10851.7	10840.2	10857.3	10840.2	10851.7	10785.3	10692.5	10602.9	10453.2	10270.8
32.5°	12270.8	12370.5	12390.5	12474.4	12390.5	12370.5	12270.8	12138.2	11994.1	11796.9	11553.5
30°	13438.0	13577.6	13668.8	13662.0	13668.8	13577.6	13438.0	13260.6	13144.3	12810.0	12544.9
27.5°	13921.4	14102.4	14271.8	14322.9	14271.8	14102.4	13921.4	13703.6	13634.9	13158.3	12991.2
25°	13449.7	13581.9	13731.6	13811.8	13731.6	13581.9	13449.7	13298.8	13063.4	12756.9	12517.1
22.5°	12480.4	12566.5	12617.4	12575.8	12617.4	12566.5	12480.4	12378.8	12157.9	11920.1	11656.9
20°	11600.9	11709.8	11730.0	11773.8	11730.0	11709.8	11600.9	11470.9	11345.2	11141.0	10913.4
17.5°	10946.3	11017.5	11059.3	11068.8	11059.3	11017.5	10946.3	10823.8	10708.9	10525.2	10325.5
15°	10433.2	10490.3	10527.9	10544.4	10527.9	10490.3	10433.2	10334.6	10210.1	10051.9	9879.3
12.5°	10069.7	10139.3	10173.4	10194.1	10173.4	10139.3	10069.7	9985.8	9857.9	9733.7	9552.7
10°	9836.5	9903.7	9930.8	9940.8	9930.8	9903.7	9836.5	9756.1	9655.3	9516.0	9353.5
7.5°	9669.1	9712.2	9730.5	9744.7	9730.5	9712.2	9669.1	9605.3	9499.7	9355.6	9194.5
5°	9534.0	9568.4	9587.6	9608.1	9587.6	9568.4	9534.0	9458.3	9357.3	9228.9	9062.2
2.5°	9350.2	9399.3	9433.3	9453.9	9433.3	9399.3	9350.2	9281.8	9195.8	9073.4	8899.8
0°	9169.7	9215.9	9240.2	9279.8	9240.2	9215.9	9169.7	9101.4	9015.4	8894.3	8724.6
-2.5°	8971.1	9024.7	9088.4	9149.8	9088.4	9024.7	8971.1	8903.5	8828.1	8707.4	8545.4
-5°	8819.3	8890.1	8903.4	8942.7	8903.4	8890.1	8819.3	8732.6	8630.3	8498.8	8342.7
-7.5°	8590.2	8622.5	8677.4	8687.2	8677.4	8622.5	8590.2	8515.2	8389.4	8245.7	8079.0
-10°	8237.3	8289.8	8324.0	8358.9	8324.0	8289.8	8237.3	8158.1	8052.1	7911.4	7758.6
-12.5°	7822.5	7884.2	7939.3	7931.5	7939.3	7884.2	7822.5	7750.7	7655.2	7530.4	7376.7
-15°	7418.4	7478.0	7515.8	7510.7	7515.8	7478.0	7418.4	7329.2	7243.2	7122.1	6988.9
-17.5°	7017.3	7071.7	7126.4	7125.1	7126.4	7071.7	7017.3	6940.3	6843.2	6732.2	6592.4
-20°	6603.1	6649.7	6708.3	6732.9	6708.3	6649.7	6603.1	6536.6	6422.8	6302.0	6158.8



REPORT NUMBER: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	6124.2	6183.8	6226.4	6252.6	6226.4	6183.8	6124.2	6039.1	5938.6	5796.2	5669.8
-25°	5566.0	5627.1	5659.5	5671.0	5659.5	5627.1	5566.0	5501.1	5403.1	5265.7	5133.9
-27.5°	4949.3	5017.9	5051.1	5034.3	5051.1	5017.9	4949.3	4885.8	4778.1	4686.3	4558.3
-30°	4316.9	4360.9	4366.0	4404.2	4366.0	4360.9	4316.9	4269.2	4178.4	4090.7	3985.0
-32.5°	3692.9	3722.4	3705.6	3708.0	3705.6	3722.4	3692.9	3640.4	3567.0	3491.4	3419.0
-35°	3076.8	3100.3	3105.0	3148.4	3105.0	3100.3	3076.8	3049.5	3005.8	2923.6	2894.6
-37.5°	2581.5	2591.0	2576.5	2555.7	2576.5	2591.0	2581.5	2552.0	2523.5	2470.4	2449.6
-40°	2161.3	2168.6	2163.2	2152.5	2163.2	2168.6	2161.3	2140.3	2139.5	2113.1	2084.7
-42.5°	1859.1	1859.2	1854.2	1852.9	1854.2	1859.2	1859.1	1844.7	1841.1	1817.6	1780.8
-45°	1635.8	1638.2	1637.8	1637.0	1637.8	1638.2	1635.8	1625.6	1618.6	1602.7	1572.7
-47.5°	1462.6	1463.1	1460.8	1456.3	1460.8	1463.1	1462.6	1455.2	1444.7	1430.0	1407.0
-50°	1309.3	1309.2	1312.2	1317.5	1312.2	1309.2	1309.3	1304.2	1295.9	1285.3	1268.1
-52.5°	1179.7	1179.4	1181.1	1183.1	1181.1	1179.4	1179.7	1175.9	1168.6	1159.3	1145.0
-55°	1061.2	1060.5	1058.9	1055.3	1058.9	1060.5	1061.2	1058.4	1052.1	1042.6	1028.6
-57.5°	947.8	946.5	943.7	938.6	943.7	946.5	947.8	945.5	939.4	931.6	922.4
-60°	839.7	840.2	838.8	835.0	838.8	840.2	839.7	836.9	832.0	828.3	822.3
-62.5°	741.3	739.8	739.5	738.1	739.5	739.8	741.3	740.6	737.7	733.8	728.3
-65°	649.1	647.5	648.0	647.7	648.0	647.5	649.1	648.6	646.0	642.7	638.9
-67.5°	562.2	561.8	562.2	561.8	562.2	561.8	562.2	561.2	558.4	555.8	553.5
-70°	482.3	482.5	480.0	475.9	480.0	482.5	482.3	480.9	478.4	475.8	473.4
-72.5°	402.9	401.5	401.7	401.0	401.7	401.5	402.9	403.2	402.2	400.2	397.7
-75°	327.8	326.9	329.0	330.5	329.0	326.9	327.8	327.9	327.3	326.4	326.3
-77.5°	261.0	259.1	260.8	262.2	260.8	259.1	261.0	262.2	262.8	262.7	262.5
-80°	202.6	201.9	201.4	200.5	201.4	201.9	202.6	202.9	202.7	202.3	202.7
-82.5°	150.1	149.2	148.6	147.6	148.6	149.2	150.1	150.6	150.8	150.6	150.1
-85°	94.9	94.3	95.7	96.9	95.7	94.3	94.9	95.3	95.5	95.4	95.6
-87.5°	43.7	43.9	43.0	41.9	43.0	43.9	43.7	43.4	43.1	42.6	42.6
-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: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	31.1	32.6	34.0	34.2	34.4	34.4	34.3	34.1	33.8	33.3	32.7
85°	98.0	98.4	98.5	100.1	101.1	101.4	101.0	99.3	96.9	93.8	90.1
82.5°	190.1	189.7	188.9	190.8	191.7	191.5	190.1	186.3	181.5	175.5	168.3
80°	294.8	294.5	294.0	298.0	300.1	299.9	297.1	290.4	281.5	272.4	263.4
77.5°	422.9	425.8	427.0	431.1	432.1	429.8	423.2	413.0	404.0	392.3	376.9
75°	583.9	587.5	590.1	594.0	594.3	590.8	584.1	571.7	555.3	534.7	507.3
72.5°	773.6	778.4	779.8	779.9	775.9	771.5	761.7	745.1	723.5	696.9	660.6
70°	997.3	1000.4	999.1	992.7	984.7	974.3	957.8	934.4	904.5	873.2	828.8
67.5°	1260.8	1257.4	1248.3	1235.8	1222.5	1202.5	1176.1	1142.5	1108.1	1068.7	1009.0
65°	1559.7	1549.3	1537.4	1520.4	1495.3	1461.6	1420.9	1378.5	1333.4	1278.6	1203.1
62.5°	1897.0	1863.4	1851.9	1835.5	1803.7	1756.9	1706.9	1653.0	1585.8	1507.3	1431.4
60°	2289.7	2261.0	2232.4	2194.6	2147.7	2089.4	2026.2	1953.1	1870.4	1782.9	1681.5
57.5°	2713.7	2675.5	2646.2	2595.6	2523.0	2454.7	2375.4	2274.7	2175.4	2074.1	1952.9
55°	3221.5	3168.9	3106.8	3036.1	2958.5	2869.9	2761.6	2644.0	2522.6	2383.2	2253.9
52.5°	3719.2	3672.5	3601.1	3499.8	3408.7	3316.0	3188.8	3050.9	2913.7	2769.1	2587.6
50°	4307.8	4236.7	4139.1	4021.3	3925.7	3799.6	3657.8	3490.5	3347.7	3182.3	2982.3
47.5°	4899.4	4853.0	4738.1	4601.3	4512.7	4366.3	4191.7	4004.5	3846.8	3621.7	3403.8
45°	5647.7	5563.3	5434.4	5316.8	5178.2	5015.6	4792.8	4613.9	4403.1	4157.4	3841.6
42.5°	6524.5	6402.5	6235.3	6136.5	5970.1	5755.8	5508.0	5282.7	5019.8	4732.5	4369.7
40°	7587.3	7386.1	7216.3	7057.1	6867.5	6584.8	6310.2	6010.2	5695.9	5342.3	4870.1
37.5°	8808.1	8594.9	8344.4	8081.2	7836.4	7513.7	7146.0	6792.8	6415.0	5883.3	5344.8
35°	10079.2	9835.9	9526.6	9207.6	8827.2	8375.2	7995.8	7579.3	7063.3	6373.3	5784.1
32.5°	11334.4	10934.7	10599.8	10255.4	9685.8	9127.8	8719.4	8349.3	7473.1	6761.1	6170.0
30°	12241.9	11736.1	11396.6	10925.2	10210.4	9702.3	9314.1	8545.8	7730.3	7031.5	6470.5
27.5°	12440.3	12066.1	11721.5	11013.9	10398.3	9949.0	9342.2	8559.1	7817.5	7160.0	6616.9
25°	12059.0	11717.1	11298.0	10709.7	10195.9	9734.1	9097.0	8387.7	7722.2	7142.5	6532.9
22.5°	11334.9	11022.4	10640.8	10181.7	9746.0	9275.0	8713.5	8098.7	7526.2	6983.6	6393.5
20°	10642.9	10361.9	10008.0	9644.3	9269.6	8822.9	8289.9	7787.3	7321.4	6796.0	6225.9
17.5°	10099.1	9808.4	9530.7	9215.2	8831.5	8375.0	7991.6	7577.5	7117.1	6595.1	6034.7
15°	9645.7	9426.9	9162.1	8829.7	8477.5	8152.6	7787.9	7364.5	6905.8	6378.1	5856.2
12.5°	9369.0	9135.0	8845.8	8585.6	8292.3	7952.3	7576.5	7144.6	6706.0	6264.0	5796.2
10°	9147.5	8926.0	8687.7	8413.9	8104.2	7751.5	7399.9	7024.5	6616.2	6182.3	5719.2
7.5°	9005.6	8777.2	8523.2	8256.4	7959.2	7642.2	7297.5	6923.9	6511.6	6078.5	5624.5
5°	8867.8	8640.3	8396.4	8140.0	7836.3	7519.9	7178.6	6804.0	6390.0	5953.1	5511.1
2.5°	8710.2	8495.0	8259.6	8003.4	7694.7	7379.0	7042.4	6663.1	6255.2	5835.3	5382.2
0°	8532.9	8334.7	8081.3	7823.5	7532.7	7224.2	6887.2	6499.4	6100.6	5704.0	5232.6
-2.5°	8364.4	8153.3	7919.4	7663.5	7384.9	7065.6	6730.6	6355.5	5948.3	5547.4	5086.4
-5°	8158.6	7953.5	7718.6	7451.4	7170.6	6855.4	6522.5	6160.0	5759.5	5363.1	4922.6
-7.5°	7893.6	7696.6	7474.7	7208.7	6922.0	6607.2	6270.5	5908.4	5518.3	5126.2	4698.0
-10°	7575.4	7365.8	7140.2	6892.4	6623.8	6326.4	5993.4	5631.9	5256.5	4866.0	4454.2
-12.5°	7202.2	7002.8	6777.0	6534.7	6269.9	5979.1	5670.7	5325.9	4974.8	4582.5	4191.9
-15°	6804.9	6629.6	6407.1	6153.4	5882.8	5607.3	5314.7	4985.8	4661.5	4277.7	3911.1
-17.5°	6424.3	6231.4	6011.8	5777.6	5506.5	5216.7	4933.7	4632.2	4318.6	3968.9	3633.5
-20°	5997.3	5801.9	5598.4	5373.1	5114.7	4835.8	4547.6	4259.9	3965.4	3660.9	3356.1



REPORT NUMBER: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	5515.3	5344.2	5151.8	4938.8	4685.9	4424.2	4159.8	3888.2	3609.6	3347.4	3074.0
-25°	4998.4	4843.4	4654.2	4452.9	4229.6	3993.1	3761.4	3520.2	3280.3	3034.6	2792.1
-27.5°	4439.8	4295.9	4132.1	3955.6	3758.0	3566.0	3361.2	3153.3	2959.5	2742.7	2531.1
-30°	3867.3	3755.3	3614.7	3448.8	3311.3	3151.1	2965.3	2817.3	2649.5	2463.9	2291.4
-32.5°	3316.2	3226.0	3110.4	3000.0	2885.0	2757.1	2630.1	2492.8	2346.4	2214.1	2073.0
-35°	2819.2	2744.0	2681.0	2598.3	2490.8	2405.8	2308.0	2195.3	2083.4	1977.1	1863.9
-37.5°	2410.1	2343.1	2296.1	2234.7	2159.7	2080.5	2016.3	1938.9	1847.0	1762.1	1670.3
-40°	2059.0	2003.4	1969.2	1932.3	1881.1	1807.2	1766.6	1708.8	1645.6	1564.1	1490.2
-42.5°	1778.0	1751.7	1712.8	1689.5	1649.3	1599.1	1546.9	1513.7	1463.1	1399.5	1339.1
-45°	1563.2	1546.3	1512.8	1489.6	1460.1	1420.3	1367.3	1342.3	1304.1	1259.9	1202.8
-47.5°	1391.2	1378.9	1354.1	1323.5	1300.7	1266.3	1229.3	1194.1	1171.8	1133.9	1087.0
-50°	1248.7	1236.8	1214.8	1184.3	1163.4	1137.3	1107.9	1073.1	1051.8	1019.6	980.7
-52.5°	1125.7	1110.6	1091.1	1065.8	1045.6	1027.4	1001.2	969.2	941.3	919.2	890.7
-55°	1009.8	997.0	983.8	965.8	943.7	926.0	901.3	873.6	850.7	831.6	807.1
-57.5°	912.0	900.6	886.3	869.2	849.1	831.7	813.2	791.8	768.0	750.1	727.4
-60°	812.9	800.6	790.3	777.3	761.6	745.7	730.7	712.2	690.5	672.8	653.0
-62.5°	720.5	710.5	701.9	691.6	678.9	664.8	651.3	635.9	617.9	599.5	582.9
-65°	633.4	626.4	618.9	610.0	599.5	587.5	575.8	562.9	548.4	532.0	516.4
-67.5°	549.4	543.2	536.9	530.1	522.9	514.5	505.3	494.1	481.9	468.7	455.6
-70°	469.3	463.4	458.3	454.4	450.0	444.5	437.2	428.5	418.6	408.1	396.5
-72.5°	394.3	390.2	387.0	384.8	381.2	376.7	371.3	365.3	358.1	349.9	339.1
-75°	325.1	323.1	320.8	319.1	316.3	312.3	307.9	303.5	297.7	290.8	281.9
-77.5°	261.7	260.2	258.3	256.6	254.0	250.2	245.9	242.5	238.7	233.4	226.6
-80°	202.5	201.8	200.5	199.2	197.4	195.0	192.0	188.6	184.2	179.0	174.0
-82.5°	149.4	148.3	147.0	145.9	144.3	142.1	139.5	137.0	134.0	130.7	127.1
-85°	95.6	95.3	94.7	93.7	92.7	91.5	90.3	89.2	87.8	86.1	84.2
-87.5°	42.5	42.3	42.0	43.0	43.9	44.6	45.1	44.6	43.9	43.1	42.1
-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: P559170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	32.0	31.2	30.2	29.1	28.4	27.6	26.5	25.1	23.0	20.7	18.4
85°	85.5	80.2	74.3	67.9	61.7	55.1	52.9	50.3	45.9	41.4	36.7
82.5°	159.5	151.7	143.7	134.7	124.9	114.4	103.4	91.6	77.2	63.3	55.0
80°	251.7	238.8	224.6	209.1	192.0	173.6	158.6	142.1	121.7	102.0	83.1
77.5°	356.8	334.9	311.2	290.9	270.0	247.3	222.9	195.4	165.7	140.3	115.8
75°	473.8	446.2	417.8	386.9	354.1	321.0	292.0	258.3	218.2	179.1	148.1
72.5°	619.3	576.6	532.6	487.3	448.0	407.5	365.8	320.3	273.1	227.1	182.3
70°	775.2	716.3	661.0	606.5	549.9	493.9	445.5	389.1	327.3	274.3	222.9
67.5°	941.1	876.8	806.5	729.4	661.2	594.9	527.0	458.7	389.5	320.7	262.7
65°	1129.5	1048.2	960.5	875.8	785.4	696.9	620.9	530.7	450.3	374.5	301.6
62.5°	1336.7	1230.5	1135.1	1028.6	922.9	818.6	711.7	610.1	511.9	426.9	344.9
60°	1571.4	1455.0	1320.9	1201.8	1074.3	946.4	819.4	686.9	579.7	478.0	389.3
57.5°	1829.6	1692.8	1549.4	1391.7	1242.2	1090.8	926.9	774.7	645.1	533.5	431.9
55°	2099.5	1945.8	1783.8	1610.4	1425.6	1250.9	1039.9	864.5	711.2	588.3	471.5
52.5°	2401.8	2217.9	2031.0	1835.6	1632.2	1406.4	1165.4	949.1	785.3	640.8	513.6
50°	2750.0	2520.2	2298.3	2073.7	1841.5	1569.9	1282.7	1050.3	854.8	693.7	553.6
47.5°	3147.2	2868.2	2593.3	2323.7	2066.9	1721.9	1411.8	1146.8	919.6	750.2	590.9
45°	3558.5	3251.2	2918.2	2606.3	2250.0	1875.6	1537.5	1235.7	997.9	799.3	625.3
42.5°	3971.5	3638.9	3281.5	2891.5	2438.0	2021.3	1652.3	1335.7	1070.1	844.5	661.3
40°	4430.1	4025.2	3643.8	3156.4	2609.0	2153.8	1770.5	1429.3	1135.0	890.0	697.4
37.5°	4867.5	4419.8	4000.4	3358.6	2765.4	2289.4	1878.5	1513.2	1194.3	939.2	730.2
35°	5275.7	4802.3	4180.1	3523.0	2920.5	2404.2	1974.1	1592.3	1257.4	982.5	759.6
32.5°	5648.0	5047.4	4318.0	3651.3	3043.6	2498.0	2060.8	1662.7	1311.4	1019.9	785.6
30°	5901.9	5139.0	4412.6	3744.0	3135.3	2588.7	2131.5	1721.1	1356.3	1051.5	809.8
27.5°	5915.3	5181.6	4463.3	3801.9	3198.5	2655.3	2185.1	1767.5	1392.1	1080.8	834.9
25°	5868.9	5162.9	4470.7	3823.4	3231.9	2709.8	2226.3	1802.3	1425.1	1109.3	855.4
22.5°	5760.5	5096.4	4436.9	3808.9	3268.6	2747.5	2260.3	1832.1	1451.7	1130.8	871.3
20°	5623.5	4988.4	4380.3	3823.1	3287.1	2771.5	2285.9	1851.4	1468.9	1145.4	882.8
17.5°	5455.7	4902.7	4370.8	3820.4	3287.1	2778.6	2297.5	1860.3	1477.1	1153.4	890.0
15°	5378.5	4869.1	4342.1	3800.0	3269.0	2769.3	2295.4	1859.1	1476.5	1155.1	895.0
12.5°	5316.5	4816.2	4295.6	3762.0	3233.4	2744.3	2280.2	1848.1	1467.7	1155.1	898.8
10°	5238.0	4744.2	4231.2	3706.4	3181.1	2704.3	2252.5	1831.3	1463.3	1153.2	899.0
7.5°	5142.4	4653.0	4149.1	3633.7	3118.2	2659.4	2224.1	1812.5	1454.0	1146.4	895.9
5°	5031.4	4552.5	4060.9	3564.1	3070.3	2611.9	2186.6	1784.7	1438.6	1134.9	889.6
2.5°	4911.4	4448.6	3962.2	3479.8	3009.8	2552.9	2139.0	1748.7	1417.2	1119.2	880.3
0°	4772.1	4327.1	3846.8	3379.7	2936.8	2483.0	2082.0	1705.3	1390.2	1099.4	868.1
-2.5°	4649.8	4193.5	3722.5	3271.1	2830.4	2399.3	2020.0	1661.6	1360.3	1080.0	855.3
-5°	4507.5	4042.7	3583.6	3148.5	2712.9	2306.9	1950.4	1612.2	1325.6	1057.1	840.1
-7.5°	4298.6	3858.4	3425.3	3010.9	2585.7	2207.1	1874.5	1557.9	1286.5	1031.1	822.5
-10°	4063.2	3649.7	3246.0	2855.3	2462.1	2108.7	1794.2	1499.3	1243.7	1002.2	802.8
-12.5°	3814.4	3429.9	3056.9	2692.2	2334.7	2011.7	1717.4	1441.8	1198.1	970.7	781.1
-15°	3553.9	3200.7	2859.3	2523.6	2203.1	1909.7	1636.9	1383.1	1153.1	938.4	757.6
-17.5°	3288.7	2963.9	2654.9	2351.1	2068.8	1803.8	1553.6	1321.4	1105.7	906.1	734.2
-20°	3046.7	2742.9	2446.5	2176.7	1933.4	1694.7	1468.3	1257.2	1056.2	872.1	710.5



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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°	2805.3	2538.8	2271.2	2014.6	1800.5	1583.3	1381.9	1191.0	1005.0	836.6	685.0
-25°	2565.0	2336.0	2100.1	1879.8	1671.7	1479.8	1298.4	1123.2	952.4	799.8	658.1
-27.5°	2338.6	2138.2	1928.3	1744.8	1559.2	1378.0	1217.9	1058.9	901.6	762.0	629.7
-30°	2122.6	1949.4	1774.1	1612.6	1447.9	1289.3	1137.2	994.7	855.1	725.5	600.0
-32.5°	1923.1	1763.0	1627.0	1489.9	1345.6	1201.2	1062.4	930.9	808.5	689.1	572.3
-35°	1737.6	1603.7	1484.2	1371.3	1246.8	1121.3	994.1	867.7	761.9	651.6	545.0
-37.5°	1561.1	1462.5	1360.1	1259.8	1148.5	1042.8	929.6	815.5	715.5	613.1	517.1
-40°	1415.8	1331.8	1246.3	1154.2	1061.3	966.2	864.9	766.0	670.3	573.8	488.7
-42.5°	1277.5	1212.2	1138.5	1051.7	980.4	895.3	801.2	715.7	626.6	538.4	459.9
-45°	1154.4	1099.0	1036.1	971.1	902.8	825.1	745.0	665.0	582.9	505.2	432.1
-47.5°	1038.4	997.2	946.1	891.8	828.7	757.7	688.3	616.6	539.1	471.9	405.4
-50°	940.7	905.1	864.1	814.8	756.1	696.0	632.5	568.4	502.3	439.1	378.2
-52.5°	855.9	821.9	785.2	739.8	689.8	634.0	581.0	521.1	464.9	407.3	350.6
-55°	776.2	743.0	709.4	670.5	625.6	579.1	530.2	479.2	426.8	375.6	322.8
-57.5°	701.0	668.7	639.7	604.9	567.2	526.6	482.5	436.8	390.4	343.4	298.2
-60°	628.7	602.3	573.8	545.2	512.4	475.4	436.0	394.9	354.2	311.7	273.2
-62.5°	562.2	538.5	514.9	488.8	458.7	425.4	389.8	354.9	317.5	283.1	247.8
-65°	499.8	480.2	457.7	433.1	405.6	376.5	346.5	314.6	284.5	254.2	222.3
-67.5°	440.2	422.1	400.3	377.6	355.7	331.3	303.3	277.8	252.2	224.9	197.2
-70°	382.0	364.4	346.2	328.9	309.2	286.9	264.6	242.3	219.6	197.0	171.9
-72.5°	325.9	312.1	297.5	281.8	264.8	246.4	226.6	207.3	189.2	168.9	146.5
-75°	271.4	260.7	249.4	236.7	221.8	205.9	190.6	174.9	158.8	140.8	123.9
-77.5°	219.0	210.7	201.7	192.5	181.1	168.9	156.0	142.5	129.4	116.3	102.3
-80°	169.5	164.2	158.2	151.1	141.7	131.8	122.5	112.9	102.9	92.1	80.6
-82.5°	123.6	120.0	115.8	110.8	104.5	97.9	91.2	84.2	76.3	67.8	59.5
-85°	81.7	78.8	75.5	71.7	67.9	63.9	60.0	55.8	50.5	45.2	39.7
-87.5°	40.6	38.9	37.2	35.4	33.7	31.9	30.0	27.9	25.3	22.6	19.9
-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°	16.0	13.5	10.9	8.3	5.6	2.7	0.0
85°	31.9	26.9	21.8	16.5	11.1	5.5	0.0
82.5°	47.8	40.3	32.6	24.7	16.7	8.2	0.0
80°	65.0	53.7	43.4	32.9	22.2	10.9	0.0
77.5°	92.3	70.0	54.2	41.0	27.6	13.6	0.0
75°	119.3	91.8	65.9	49.1	33.0	16.2	0.0
72.5°	145.8	113.2	82.5	57.1	38.3	18.9	0.0
70°	172.8	134.3	98.9	65.7	43.6	21.5	0.0
67.5°	205.9	154.9	114.9	77.3	48.7	24.0	0.0
65°	238.0	177.8	130.5	88.7	53.8	26.5	0.0
62.5°	269.1	202.7	145.7	99.9	58.7	28.9	0.0
60°	299.0	226.8	160.5	110.7	63.5	31.3	0.0
57.5°	332.9	250.0	178.3	121.2	70.3	33.6	0.0
55°	365.7	272.1	195.5	131.3	77.0	35.9	0.0
52.5°	396.9	293.9	212.0	141.0	83.4	38.1	0.0
50°	426.1	317.7	227.6	150.4	89.6	40.2	0.0
47.5°	454.0	340.1	242.5	159.8	95.5	42.2	0.0
45°	483.2	361.0	256.4	170.2	101.2	44.2	0.0
42.5°	510.0	380.4	269.5	180.0	106.7	46.0	0.0
40°	534.5	398.2	282.8	189.4	111.8	47.8	0.0
37.5°	556.6	414.4	296.0	198.3	116.7	49.5	0.0
35°	576.3	430.5	308.1	206.5	121.3	51.1	0.0
32.5°	595.2	445.6	319.0	214.3	125.7	52.5	0.0
30°	615.5	458.9	328.8	221.4	129.7	53.9	0.0
27.5°	633.1	470.4	338.0	227.9	133.4	55.2	0.0
25°	647.9	480.0	346.2	233.7	136.7	56.3	0.0
22.5°	660.0	488.4	353.2	239.0	139.8	57.4	0.0
20°	669.4	496.7	359.1	243.6	142.5	58.3	0.0
17.5°	677.9	503.6	363.8	247.6	144.9	59.2	0.0
15°	684.7	509.0	367.5	251.0	146.9	59.9	0.0
12.5°	688.9	513.0	370.0	253.7	148.6	60.5	0.0
10°	690.6	515.5	371.6	255.8	150.0	61.0	0.0
7.5°	689.8	516.5	372.1	257.2	151.0	61.3	0.0
5°	686.7	516.1	371.6	258.0	151.7	61.6	0.0
2.5°	681.5	514.3	370.2	258.2	152.0	61.7	0.0
0°	674.2	511.1	367.9	257.8	152.0	61.7	0.0
-2.5°	666.5	506.3	366.1	256.6	151.6	61.8	0.0
-5°	656.9	500.1	363.5	254.9	150.9	61.8	0.0
-7.5°	645.6	492.8	360.1	252.5	149.9	61.6	0.0
-10°	632.6	484.3	355.8	249.6	148.5	61.3	0.0
-12.5°	618.1	474.8	350.7	246.1	146.9	60.9	0.0
-15°	602.1	464.3	344.9	242.1	144.9	60.4	0.0
-17.5°	584.7	452.9	338.2	237.6	142.6	59.8	0.0
-20°	566.7	440.7	330.8	232.6	140.0	59.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	548.6	427.8	322.7	227.1	137.2	58.2	0.0
-25°	529.4	414.9	313.9	221.1	134.1	57.2	0.0
-27.5°	509.3	401.4	304.3	214.7	130.7	56.1	0.0
-30°	488.2	387.1	294.1	207.8	127.0	54.9	0.0
-32.5°	466.4	372.0	283.6	200.5	123.2	53.5	0.0
-35°	446.0	356.1	272.5	192.9	119.0	52.1	0.0
-37.5°	425.8	340.1	260.9	184.9	114.7	50.5	0.0
-40°	404.8	324.8	248.7	176.5	110.2	48.9	0.0
-42.5°	383.2	308.9	236.7	167.8	105.4	47.1	0.0
-45°	360.9	292.5	224.7	158.8	100.5	45.3	0.0
-47.5°	338.0	275.7	212.3	149.5	95.4	43.3	0.0
-50°	317.1	258.5	199.5	141.2	90.1	41.3	0.0
-52.5°	296.1	240.8	186.2	133.0	84.6	39.1	0.0
-55°	274.9	223.8	172.6	124.6	79.0	36.9	0.0
-57.5°	253.3	206.5	158.7	115.9	73.2	34.6	0.0
-60°	231.5	188.9	144.6	107.0	67.4	32.3	0.0
-62.5°	210.2	170.9	132.6	98.0	62.3	29.8	0.0
-65°	188.6	152.6	120.4	88.7	57.1	27.3	0.0
-67.5°	166.6	135.7	107.9	79.3	51.8	24.8	0.0
-70°	144.4	120.1	95.3	69.7	46.4	22.2	0.0
-72.5°	125.3	104.3	82.5	61.0	40.8	19.5	0.0
-75°	106.5	88.4	69.6	52.5	35.2	16.8	0.0
-77.5°	87.5	72.3	57.9	43.9	29.5	14.0	0.0
-80°	68.4	57.5	46.5	35.2	23.7	11.3	0.0
-82.5°	51.2	43.2	34.9	26.5	17.8	8.5	0.0
-85°	34.2	28.8	23.3	17.7	11.9	5.7	0.0
-87.5°	17.1	14.4	11.7	8.8	6.0	2.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)