

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: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559258 (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-SA6E-940-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

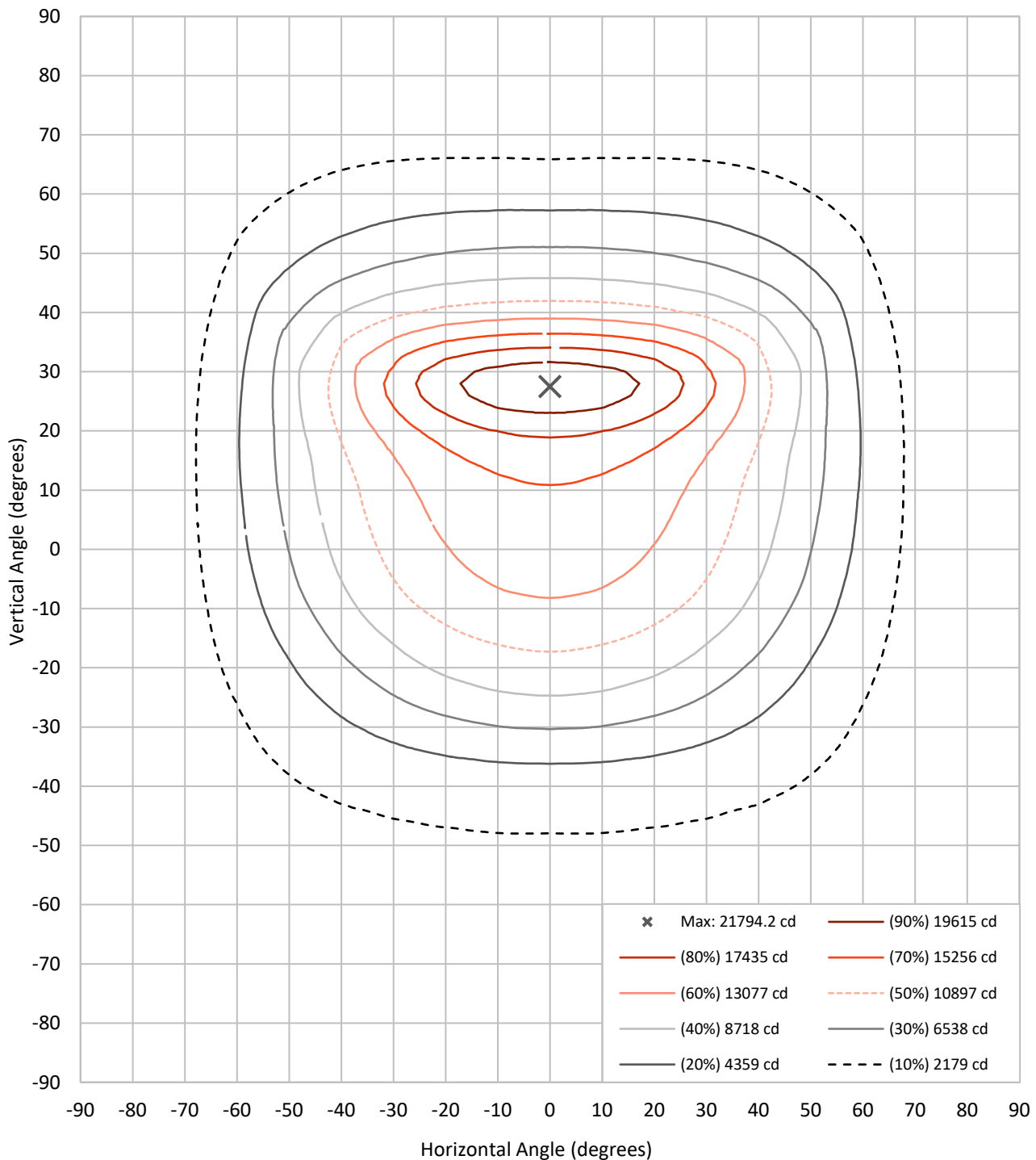
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31772.2 lumens	Max Intensity:	21794.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	86.3 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:	16478.6 lumens	Field Lumens:	29392 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	368		
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		



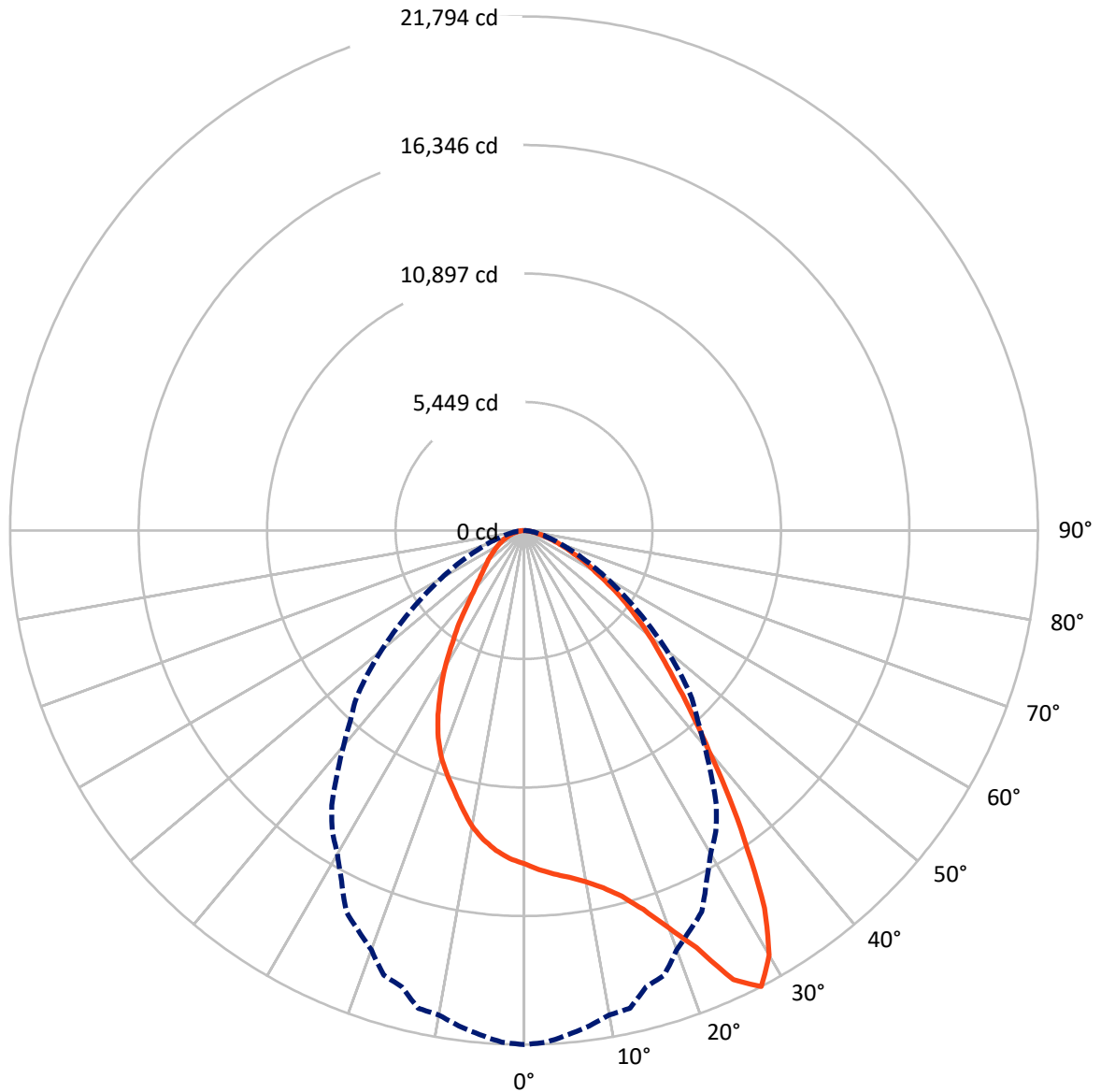
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Iso-Candela Plot



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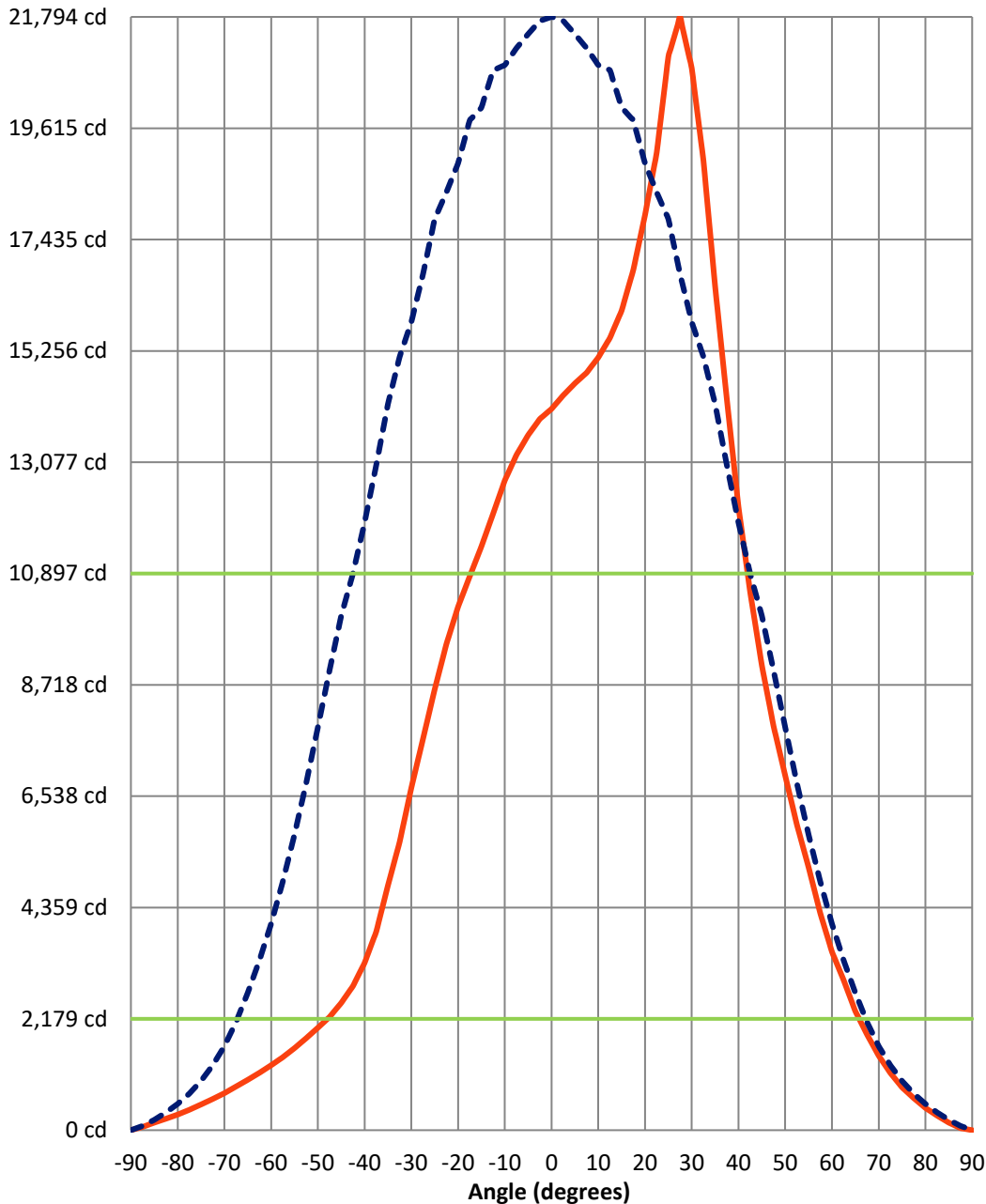
Luminous Intensity Polar Plot



— 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: 16478.6
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 29392
 Efficiency: 92.5%

Spill:
 Lumens: 2380.2
 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	4.2	8.5	12.6	16.6	20.5	24.3	28.0	31.5	35.0	38.2
85°	0.0	8.3	16.9	25.1	33.1	41.0	48.6	55.9	63.0	69.9	76.4
82.5°	0.0	12.5	25.3	37.6	49.7	61.4	72.7	83.8	96.3	117.4	139.3
80°	0.0	16.6	33.7	50.1	66.1	81.7	98.9	126.4	155.2	185.1	216.2
77.5°	0.0	20.7	42.0	62.4	82.4	106.5	140.5	176.2	213.4	252.1	297.2
75°	0.0	24.7	50.2	74.7	100.3	139.6	181.5	225.3	272.5	332.0	393.0
72.5°	0.0	28.7	58.3	86.8	125.6	172.3	221.9	277.4	345.6	415.6	487.3
70°	0.0	32.6	66.3	99.9	150.4	204.3	263.0	339.2	417.4	498.0	592.1
67.5°	0.0	36.5	74.1	117.7	174.8	235.7	313.3	399.8	488.1	592.6	698.0
65°	0.0	40.3	81.8	135.0	198.6	270.5	362.2	459.0	569.8	685.3	807.6
62.5°	0.0	44.0	89.3	151.9	221.8	308.5	409.5	524.9	649.6	778.9	928.4
60°	0.0	47.7	96.7	168.4	244.3	345.2	455.0	592.3	727.3	882.1	1045.2
57.5°	0.0	51.2	107.0	184.4	271.3	380.4	506.5	657.2	811.7	981.6	1178.7
55°	0.0	54.6	117.1	199.8	297.5	414.1	556.5	717.4	895.2	1082.2	1315.4
52.5°	0.0	57.9	126.9	214.6	322.5	447.2	603.9	781.5	975.0	1194.9	1444.2
50°	0.0	61.2	136.3	228.8	346.4	483.4	648.4	842.4	1055.6	1300.7	1598.2
47.5°	0.0	64.2	145.3	243.2	369.0	517.5	690.8	899.1	1141.5	1399.3	1745.1
45°	0.0	67.2	154.0	259.0	390.2	549.3	735.2	951.4	1216.3	1518.4	1880.3
42.5°	0.0	70.0	162.3	274.0	410.1	578.8	776.1	1006.2	1285.0	1628.2	2032.4
40°	0.0	72.7	170.2	288.2	430.3	605.9	813.3	1061.2	1354.3	1727.0	2175.0
37.5°	0.0	75.3	177.6	301.7	450.4	630.5	847.0	1111.0	1429.1	1817.3	2302.6
35°	0.0	77.7	184.7	314.3	468.8	655.0	876.9	1155.8	1495.0	1913.3	2422.9
32.5°	0.0	79.9	191.2	326.0	485.4	678.1	905.7	1195.4	1552.0	1995.4	2530.0
30°	0.0	82.0	197.3	336.8	500.3	698.3	936.6	1232.2	1599.9	2063.7	2618.9
27.5°	0.0	84.0	202.9	346.7	514.3	715.7	963.3	1270.3	1644.6	2118.2	2689.5
25°	0.0	85.7	208.1	355.6	526.8	730.3	985.8	1301.5	1688.0	2168.4	2742.5
22.5°	0.0	87.3	212.7	363.6	537.4	743.2	1004.2	1325.7	1720.7	2208.9	2787.9
20°	0.0	88.8	216.8	370.7	546.4	755.8	1018.5	1343.3	1742.9	2235.2	2817.1
17.5°	0.0	90.0	220.5	376.7	553.6	766.3	1031.4	1354.2	1755.0	2247.6	2830.7
15°	0.0	91.1	223.6	381.8	559.2	774.5	1041.8	1361.9	1757.5	2246.8	2828.8
12.5°	0.0	92.0	226.2	385.9	563.1	780.6	1048.2	1367.5	1757.5	2233.3	2812.0
10°	0.0	92.8	228.3	389.1	565.4	784.4	1050.7	1367.9	1754.6	2226.6	2786.5
7.5°	0.0	93.3	229.8	391.3	566.2	786.0	1049.5	1363.2	1744.3	2212.5	2758.0
5°	0.0	93.7	230.8	392.5	565.5	785.4	1044.9	1353.6	1726.9	2189.0	2715.7
2.5°	0.0	93.9	231.3	392.8	563.4	782.7	1036.9	1339.4	1703.0	2156.4	2660.8
0°	0.0	93.9	231.3	392.2	559.9	777.8	1025.8	1320.9	1672.9	2115.4	2594.8
-2.5°	0.0	94.0	230.7	390.4	557.2	770.4	1014.0	1301.5	1643.3	2069.9	2528.3
-5°	0.0	94.0	229.7	387.7	553.2	761.1	999.5	1278.2	1608.6	2017.0	2453.2
-7.5°	0.0	93.7	228.1	384.2	547.9	749.9	982.3	1251.5	1569.0	1957.7	2370.5
-10°	0.0	93.3	226.0	379.7	541.4	737.0	962.6	1221.5	1525.0	1892.5	2281.4
-12.5°	0.0	92.7	223.5	374.4	533.7	722.5	940.5	1188.5	1477.1	1823.0	2193.9
-15°	0.0	91.9	220.5	368.4	524.8	706.5	916.1	1152.8	1428.0	1754.7	2104.5
-17.5°	0.0	91.0	217.0	361.5	514.7	689.1	889.6	1117.2	1378.9	1682.5	2010.6
-20°	0.0	89.8	213.1	353.8	503.4	670.6	862.2	1081.0	1327.1	1607.1	1912.9



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 CATALOG NUMBER: GFLD-SA6E-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	88.5	208.7	345.4	491.0	650.9	834.7	1042.3	1273.0	1529.2	1812.2
-25°	0.0	87.0	204.0	336.4	477.6	631.3	805.6	1001.3	1217.0	1449.3	1709.0
-27.5°	0.0	85.3	198.8	326.6	463.0	610.8	774.9	958.2	1159.5	1371.9	1611.2
-30°	0.0	83.5	193.3	316.2	447.5	589.0	742.9	913.0	1103.9	1301.3	1513.6
-32.5°	0.0	81.5	187.4	305.1	431.5	566.0	709.6	870.9	1048.5	1230.3	1416.5
-35°	0.0	79.3	181.1	293.5	414.6	541.9	678.6	829.2	991.5	1159.4	1320.3
-37.5°	0.0	76.9	174.5	281.3	396.9	517.6	647.9	786.8	933.0	1088.8	1240.9
-40°	0.0	74.4	167.6	268.5	378.4	494.2	616.0	743.6	873.2	1020.0	1165.7
-42.5°	0.0	71.7	160.4	255.3	360.1	470.0	583.0	699.9	819.3	953.5	1089.1
-45°	0.0	68.9	152.9	241.7	341.9	445.1	549.1	657.5	768.7	886.9	1011.9
-47.5°	0.0	65.9	145.1	227.5	323.0	419.5	514.3	616.9	718.1	820.3	938.3
-50°	0.0	62.8	137.0	214.8	303.5	393.3	482.4	575.5	668.1	764.4	864.9
-52.5°	0.0	59.6	128.7	202.4	283.4	366.5	450.6	533.4	619.7	707.4	793.0
-55°	0.0	56.2	120.2	189.6	262.7	340.5	418.2	491.2	571.5	649.4	729.2
-57.5°	0.0	52.7	111.4	176.4	241.5	314.2	385.4	453.7	522.6	594.0	664.6
-60°	0.0	49.1	102.5	162.9	220.0	287.4	352.3	415.7	474.3	538.9	600.9
-62.5°	0.0	45.4	94.8	149.0	201.8	260.1	319.9	377.1	430.8	483.2	540.1
-65°	0.0	41.6	86.9	135.0	183.2	232.2	287.0	338.4	386.8	432.9	478.7
-67.5°	0.0	37.7	78.9	120.6	164.3	206.4	253.6	300.1	342.3	383.7	422.7
-70°	0.0	33.7	70.6	106.0	145.1	182.8	219.8	261.6	299.7	334.2	368.7
-72.5°	0.0	29.7	62.1	92.8	125.6	158.8	190.7	222.9	257.0	287.9	315.4
-75°	0.0	25.5	53.5	79.9	105.9	134.6	162.1	188.6	214.2	241.6	266.1
-77.5°	0.0	21.4	44.8	66.8	88.2	110.1	133.2	155.7	177.0	196.9	216.8
-80°	0.0	17.2	36.0	53.6	70.7	87.4	104.1	122.6	140.1	156.5	171.8
-82.5°	0.0	12.9	27.1	40.3	53.1	65.7	77.9	90.5	103.2	116.1	128.2
-85°	0.0	8.6	18.1	26.9	35.5	43.9	52.0	60.4	68.7	76.9	84.9
-87.5°	0.0	4.3	9.1	13.5	17.8	21.9	26.0	30.2	34.4	38.5	42.5
-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°	40.2	41.9	43.2	44.2	45.9	47.4	48.7	49.8	50.7	51.4	51.9
85°	80.5	83.8	93.8	103.2	113.1	122.1	130.0	137.1	142.7	147.4	151.0
82.5°	157.3	174.1	190.0	205.0	218.7	230.9	242.7	256.1	267.0	276.1	283.5
80°	241.2	264.2	292.1	318.2	341.8	363.4	383.0	400.8	414.6	428.4	441.9
77.5°	339.1	376.3	410.9	442.8	473.6	509.6	542.9	573.4	596.9	614.7	628.4
75°	444.3	488.4	538.8	588.8	635.7	678.9	720.9	772.0	813.6	844.9	869.9
72.5°	556.7	620.0	681.7	741.5	810.4	877.4	942.4	1005.2	1060.4	1100.9	1133.7
70°	678.0	751.6	836.8	922.9	1005.8	1089.9	1179.6	1261.1	1328.7	1376.4	1421.9
67.5°	801.9	905.3	1006.1	1109.9	1227.3	1334.2	1432.0	1535.3	1626.3	1686.2	1738.5
65°	944.9	1060.5	1195.1	1332.6	1461.5	1595.1	1718.8	1830.7	1945.5	2029.0	2097.5
62.5°	1083.0	1245.6	1404.4	1565.2	1727.2	1872.5	2034.0	2178.1	2293.5	2412.9	2515.2
60°	1246.9	1440.0	1634.7	1828.7	2010.0	2214.1	2391.1	2558.6	2712.9	2846.1	2971.9
57.5°	1410.4	1659.7	1890.1	2117.8	2357.6	2575.8	2784.0	2971.6	3156.1	3310.2	3461.2
55°	1582.4	1903.4	2169.3	2450.5	2714.3	2960.8	3194.7	3429.6	3626.3	3838.5	4023.3
52.5°	1773.3	2140.0	2483.6	2793.2	3090.5	3374.9	3654.7	3937.4	4213.6	4433.7	4642.4
50°	1951.7	2388.9	2802.2	3155.4	3497.2	3834.8	4184.5	4537.9	4842.3	5094.0	5311.3
47.5°	2148.2	2620.1	3145.2	3535.9	3946.1	4364.4	4788.9	5179.3	5510.9	5853.4	6093.3
45°	2339.6	2854.0	3423.7	3965.9	4440.5	4947.2	5414.8	5845.4	6326.0	6699.9	7020.6
42.5°	2514.3	3075.7	3709.8	4399.9	4993.3	5537.1	6043.2	6649.0	7201.1	7638.3	8038.4
40°	2694.1	3277.4	3969.9	4802.9	5544.5	6125.0	6741.0	7410.5	8129.1	8667.0	9145.4
37.5°	2858.5	3483.7	4207.9	5110.6	6087.2	6725.4	7406.5	8132.9	8952.2	9761.3	10336.2
35°	3003.9	3658.3	4444.0	5360.8	6360.7	7307.3	8027.7	8801.2	9697.8	10747.8	11532.9
32.5°	3135.9	3801.0	4631.2	5556.0	6570.4	7680.2	8594.2	9388.5	10287.9	11371.3	12704.6
30°	3243.3	3939.1	4770.8	5697.1	6714.4	7819.7	8980.5	9845.8	10699.5	11762.6	13003.5
27.5°	3325.0	4040.4	4866.9	5785.1	6791.4	7884.5	9000.9	10068.5	10894.9	11895.3	13023.7
25°	3387.5	4123.4	4917.8	5817.8	6802.7	7856.0	8930.4	9940.7	10868.3	11750.3	12762.9
22.5°	3439.4	4180.6	4973.6	5795.7	6751.4	7754.8	8765.4	9728.5	10626.5	11452.1	12323.2
20°	3478.3	4217.2	5001.7	5817.3	6665.2	7590.5	8556.9	9473.6	10341.0	11140.5	11849.4
17.5°	3495.9	4228.1	5001.7	5813.2	6650.7	7460.1	8301.6	9182.6	10035.3	10829.6	11530.1
15°	3492.7	4213.9	4974.2	5782.2	6607.1	7409.0	8184.2	8911.0	9705.0	10508.1	11206.0
12.5°	3469.6	4175.8	4920.1	5724.3	6536.3	7328.5	8089.7	8819.6	9531.5	10204.1	10871.4
10°	3427.4	4114.8	4840.5	5639.9	6438.4	7218.9	7970.3	8702.6	9407.1	10067.4	10688.7
7.5°	3384.3	4046.6	4744.8	5529.2	6313.4	7080.2	7824.8	8558.5	9249.3	9908.2	10535.6
5°	3327.2	3974.3	4671.8	5423.3	6179.2	6927.2	7655.9	8385.9	9058.4	9723.3	10353.2
2.5°	3254.8	3884.5	4579.9	5294.9	6029.0	6769.1	7473.3	8189.7	8879.2	9518.2	10138.9
0°	3168.1	3778.2	4468.8	5142.6	5853.4	6584.2	7261.4	7962.0	8679.5	9282.9	9889.7
-2.5°	3073.7	3650.9	4306.9	4977.3	5664.2	6381.0	7075.3	7739.5	8441.2	9051.0	9670.8
-5°	2967.9	3510.2	4128.0	4790.9	5452.9	6151.6	6858.8	7490.4	8160.7	8763.8	9373.3
-7.5°	2852.3	3358.4	3934.5	4581.4	5212.1	5871.1	6540.9	7148.6	7800.1	8396.7	8990.4
-10°	2730.2	3208.7	3746.4	4344.7	4939.3	5553.5	6182.7	6777.7	7404.2	7998.4	8569.7
-12.5°	2613.3	3061.0	3552.6	4096.6	4651.4	5219.0	5804.1	6378.6	6972.9	7569.8	8103.9
-15°	2490.7	2905.9	3352.3	3839.9	4350.9	4870.3	5407.6	5951.3	6509.1	7093.1	7586.5
-17.5°	2363.9	2744.7	3148.0	3577.6	4039.8	4510.1	5004.1	5528.9	6039.3	6571.3	7048.5
-20°	2234.2	2578.7	2941.9	3312.1	3722.8	4173.7	4635.8	5106.7	5570.6	6033.9	6482.0



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 CATALOG NUMBER: GFLD-SA6E-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°	2102.7	2409.1	2739.6	3065.4	3456.0	3863.2	4268.7	4677.4	5093.5	5492.4	5916.4
-25°	1975.7	2251.7	2543.7	2860.4	3195.6	3554.5	3903.0	4248.5	4617.5	4991.5	5356.4
-27.5°	1853.2	2096.8	2372.4	2654.9	2934.1	3253.6	3558.5	3851.4	4173.4	4503.3	4798.1
-30°	1730.4	1961.8	2203.1	2453.8	2699.5	2966.2	3229.8	3486.7	3749.1	4031.6	4286.9
-32.5°	1616.6	1827.8	2047.4	2267.1	2475.7	2682.5	2926.2	3154.4	3369.1	3570.3	3793.1
-35°	1512.6	1706.1	1897.1	2086.5	2258.4	2440.2	2644.0	2836.2	3008.4	3170.1	3340.5
-37.5°	1414.4	1586.8	1747.6	1916.9	2069.6	2225.4	2375.3	2541.7	2681.4	2810.5	2950.3
-40°	1316.0	1470.1	1614.9	1756.3	1896.3	2026.5	2154.4	2267.5	2380.0	2504.1	2600.2
-42.5°	1219.1	1362.3	1491.8	1600.3	1732.3	1844.5	1943.9	2037.6	2129.5	2226.4	2303.4
-45°	1133.6	1255.5	1373.7	1477.6	1576.6	1672.2	1756.5	1830.2	1917.2	1984.4	2042.6
-47.5°	1047.3	1152.9	1261.0	1356.9	1439.7	1517.3	1580.1	1654.0	1725.3	1783.0	1817.0
-50°	962.4	1058.9	1150.5	1239.9	1314.9	1377.3	1431.3	1492.2	1551.5	1600.4	1632.8
-52.5°	884.1	964.7	1049.6	1125.7	1194.8	1250.6	1302.3	1355.2	1398.7	1432.3	1474.7
-55°	806.8	881.1	951.9	1020.2	1079.3	1130.5	1181.1	1228.1	1265.3	1294.4	1329.3
-57.5°	734.2	801.3	863.0	920.3	973.4	1017.4	1066.6	1106.8	1141.4	1168.6	1204.7
-60°	663.4	723.4	779.6	829.5	873.1	916.5	956.6	993.5	1023.7	1050.6	1083.8
-62.5°	593.1	647.3	697.9	743.8	783.4	819.3	855.5	886.9	912.2	940.1	967.6
-65°	527.2	572.9	617.3	659.1	696.5	730.7	760.5	785.9	809.6	834.4	856.5
-67.5°	461.6	504.2	541.3	574.6	609.2	642.3	669.9	693.3	713.2	733.4	751.9
-70°	402.7	436.6	470.5	500.5	526.8	554.5	581.3	603.4	621.1	637.0	652.0
-72.5°	344.8	374.9	402.9	428.8	452.7	474.8	496.0	516.0	532.5	544.9	555.7
-75°	290.0	313.3	337.5	360.1	379.5	396.7	412.9	429.0	442.4	453.0	461.7
-77.5°	237.3	257.0	275.5	292.9	306.9	320.5	333.1	344.7	355.0	363.2	369.1
-80°	186.4	200.6	215.7	229.8	240.7	249.9	257.9	264.7	272.4	280.2	287.0
-82.5°	138.8	149.0	159.0	168.6	176.1	182.5	188.1	193.3	198.8	203.9	208.3
-85°	91.3	97.2	103.3	109.2	114.9	119.9	124.3	128.0	131.0	133.6	135.7
-87.5°	45.7	48.6	51.3	53.9	56.6	59.3	61.7	64.0	65.5	66.8	67.8
-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: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	52.2	52.3	52.3	52.1	51.7	49.6	47.3	44.8	42.1	43.4	44.6
85°	153.7	154.3	153.8	152.3	149.8	149.7	149.1	148.2	146.7	149.0	150.9
82.5°	289.3	291.4	291.7	290.3	287.4	288.7	289.2	288.6	286.9	288.9	290.2
80°	452.1	456.3	456.6	453.5	447.3	448.1	448.6	447.3	444.4	445.1	444.9
77.5°	644.0	653.9	657.4	655.9	649.8	647.9	643.6	634.8	622.0	621.7	622.0
75°	888.8	899.0	904.3	903.9	898.0	894.0	888.5	878.4	864.0	863.4	863.5
72.5°	1159.0	1173.9	1180.6	1186.7	1186.6	1184.4	1177.1	1162.1	1139.9	1137.3	1139.9
70°	1457.4	1482.5	1498.4	1510.6	1520.3	1522.3	1517.6	1505.5	1486.1	1480.9	1479.4
67.5°	1789.7	1829.9	1860.2	1880.5	1899.5	1913.3	1918.4	1913.0	1897.2	1892.0	1894.1
65°	2162.1	2224.1	2275.3	2313.6	2339.3	2357.5	2373.3	2382.7	2385.1	2390.6	2398.0
62.5°	2597.3	2673.4	2744.5	2793.0	2817.9	2835.5	2886.6	2916.0	2924.5	2926.4	2937.6
60°	3083.1	3179.3	3268.0	3339.3	3396.9	3440.5	3484.1	3512.8	3523.6	3525.7	3541.3
57.5°	3614.5	3735.2	3839.1	3949.5	4026.5	4071.1	4129.2	4189.1	4220.4	4229.3	4266.1
55°	4202.2	4367.0	4501.7	4619.8	4727.3	4821.9	4901.9	4963.6	5009.2	5036.7	5085.4
52.5°	4852.1	5045.8	5186.7	5325.3	5479.5	5588.2	5659.3	5773.5	5856.1	5901.6	5959.7
50°	5565.8	5781.6	5973.5	6118.9	6298.3	6446.7	6555.0	6663.0	6738.7	6782.0	6838.3
47.5°	6378.2	6643.9	6866.7	7001.4	7209.6	7384.5	7455.0	7536.7	7679.2	7747.6	7807.8
45°	7292.9	7631.8	7879.4	8090.1	8269.1	8465.3	8593.8	8686.5	8826.9	8897.4	8941.8
42.5°	8381.2	8758.3	9084.3	9337.5	9488.0	9742.4	9928.0	9980.2	10179.0	10313.9	10353.6
40°	9601.8	10019.7	10449.9	10738.5	10980.7	11239.0	11545.2	11715.7	11883.8	12016.1	12046.0
37.5°	10873.6	11433.2	11924.1	12296.6	12697.1	13078.2	13402.7	13579.7	13690.0	13943.0	14037.4
35°	12166.6	12744.1	13431.8	14010.7	14496.0	14966.6	15336.8	15628.3	15905.9	16133.7	16270.1
32.5°	13267.7	13889.1	14738.3	15604.9	16128.9	16638.6	17246.7	17580.2	17950.6	18250.7	18469.8
30°	14172.6	14763.3	15536.4	16624.1	17341.5	17858.0	18627.6	19088.8	19492.1	20000.7	20177.7
27.5°	14215.4	15138.7	15822.4	16759.1	17835.8	18360.1	18929.6	19767.9	20022.2	20747.4	20851.9
25°	13842.3	14811.7	15514.3	16296.2	17191.4	17829.2	18349.4	19046.4	19411.3	19877.7	20235.9
22.5°	13258.7	14113.1	14829.8	15492.8	16191.4	16772.1	17247.5	17737.5	18138.0	18499.9	18836.0
20°	12614.1	13425.2	14104.9	14675.0	15228.6	15766.9	16194.6	16606.1	16952.6	17263.2	17454.4
17.5°	12160.2	12743.7	13438.2	14022.3	14502.2	14924.8	15367.1	15711.6	16015.4	16295.0	16469.9
15°	11850.3	12405.2	12899.6	13435.6	13941.4	14344.2	14677.3	15032.7	15295.3	15536.0	15725.4
12.5°	11528.6	12100.4	12617.8	13064.2	13460.1	13900.1	14256.1	14535.6	14811.1	15000.1	15194.7
10°	11260.0	11794.9	12331.6	12802.9	13219.5	13582.1	13919.1	14232.7	14479.9	14691.9	14845.2
7.5°	11104.1	11628.6	12110.9	12563.2	12969.3	13355.6	13703.3	13990.7	14235.7	14455.0	14615.7
5°	10923.2	11442.4	11924.0	12386.1	12776.2	13147.4	13493.6	13789.3	14043.0	14238.4	14392.1
2.5°	10715.9	11228.1	11708.5	12178.3	12568.2	12926.1	13253.9	13542.3	13806.5	13992.6	14123.5
0°	10479.7	10992.7	11462.0	11904.5	12296.8	12682.3	12984.0	13275.7	13533.8	13718.2	13848.9
-2.5°	10241.5	10751.3	11237.1	11661.0	12050.4	12406.4	12727.5	13003.0	13249.5	13433.1	13547.9
-5°	9924.8	10431.4	10910.9	11338.2	11744.8	12102.2	12414.4	12694.6	12932.1	13132.2	13287.9
-7.5°	9541.4	10053.7	10532.7	10968.9	11373.6	11711.4	12011.1	12293.4	12546.9	12765.6	12957.1
-10°	9119.7	9626.5	10079.0	10487.6	10864.8	11208.0	11527.0	11805.8	12038.2	12252.3	12413.6
-12.5°	8628.7	9097.9	9540.6	9943.3	10312.0	10655.8	10959.1	11224.7	11458.5	11648.4	11793.7
-15°	8086.9	8532.2	8951.6	9363.2	9749.2	10087.8	10354.7	10634.5	10837.2	11021.4	11152.3
-17.5°	7507.2	7937.8	8378.8	8791.5	9147.8	9481.8	9775.5	10031.2	10244.0	10412.9	10560.6
-20°	6919.7	7358.3	7782.6	8176.0	8518.7	8828.3	9125.7	9371.4	9589.4	9773.2	9946.3



REPORT NUMBER: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	6329.7	6731.9	7130.2	7515.0	7839.2	8131.9	8392.2	8627.3	8819.7	9036.3	9189.3
-25°	5723.5	6076.1	6435.8	6775.6	7082.1	7369.8	7605.8	7811.8	8012.4	8221.6	8370.7
-27.5°	5114.5	5426.2	5718.3	6019.0	6287.6	6536.8	6755.8	6936.2	7130.8	7270.4	7434.4
-30°	4512.1	4794.9	5038.6	5247.8	5500.3	5714.2	5884.6	6063.7	6224.5	6358.0	6496.1
-32.5°	4002.1	4195.4	4390.0	4565.0	4732.9	4908.7	5046.1	5202.4	5312.7	5427.6	5539.2
-35°	3511.9	3660.8	3790.1	3953.7	4079.6	4175.3	4289.8	4404.5	4448.6	4573.6	4640.2
-37.5°	3068.1	3165.8	3286.4	3400.4	3493.8	3565.3	3667.3	3727.4	3759.0	3839.9	3883.2
-40°	2688.1	2749.8	2862.4	2940.3	2996.4	3048.4	3133.1	3172.2	3215.4	3255.6	3256.8
-42.5°	2353.9	2433.3	2509.6	2570.8	2606.3	2665.5	2705.4	2709.8	2765.8	2801.5	2807.0
-45°	2080.6	2161.2	2221.7	2266.7	2302.0	2353.0	2378.7	2393.1	2438.7	2463.0	2473.6
-47.5°	1870.5	1926.9	1979.2	2013.9	2060.4	2098.2	2117.0	2141.0	2176.0	2198.3	2214.2
-50°	1685.9	1730.6	1770.4	1802.1	1848.5	1882.0	1900.0	1929.6	1955.7	1971.8	1984.4
-52.5°	1523.5	1563.4	1591.1	1621.9	1660.3	1690.1	1713.0	1742.3	1764.0	1778.2	1789.3
-55°	1371.5	1409.0	1436.0	1469.6	1497.1	1517.0	1536.6	1565.2	1586.5	1601.0	1610.4
-57.5°	1237.4	1265.5	1292.0	1322.5	1348.7	1370.4	1387.9	1403.6	1417.7	1429.5	1438.7
-60°	1111.8	1134.7	1158.9	1182.8	1202.5	1218.2	1236.9	1251.3	1260.3	1266.0	1273.6
-62.5°	991.0	1011.7	1033.1	1052.3	1068.0	1081.2	1096.3	1108.1	1116.5	1122.5	1126.9
-65°	876.2	894.0	912.2	928.2	941.7	953.1	963.8	972.1	978.0	983.0	987.0
-67.5°	768.8	782.9	795.6	806.7	816.9	826.6	835.9	842.3	845.7	849.8	853.9
-70°	665.2	676.3	684.8	691.4	697.4	705.1	714.1	720.4	724.1	728.0	731.7
-72.5°	565.0	573.2	580.1	585.5	588.9	593.8	600.0	605.2	609.1	612.1	613.5
-75°	468.5	475.2	481.3	485.6	488.1	491.6	494.7	496.4	496.7	498.1	499.0
-77.5°	374.2	380.8	386.5	390.6	393.0	395.9	398.2	399.4	399.7	399.8	399.0
-80°	292.1	296.6	300.4	303.2	305.1	307.1	308.2	308.5	307.8	308.5	308.7
-82.5°	212.2	216.2	219.5	222.0	223.7	225.7	227.4	228.5	229.2	229.4	229.2
-85°	137.3	139.2	140.9	142.5	144.0	144.9	145.4	145.5	145.2	145.3	145.1
-87.5°	68.7	67.9	66.8	65.4	63.8	64.3	64.6	64.7	64.7	65.4	66.0
-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: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	45.7	46.7	43.5	40.2	43.5	46.7	45.7	44.6	43.4	42.1	44.8
85°	152.3	153.4	150.7	147.5	150.7	153.4	152.3	150.9	149.0	146.7	148.2
82.5°	290.6	290.2	288.0	285.0	288.0	290.2	290.6	290.2	288.9	286.9	288.6
80°	443.3	440.4	438.6	435.8	438.6	440.4	443.3	444.9	445.1	444.4	447.3
77.5°	620.5	617.1	622.6	626.9	622.6	617.1	620.5	622.0	621.7	622.0	634.8
75°	860.2	853.6	847.2	838.1	847.2	853.6	860.2	863.5	863.4	864.0	878.4
72.5°	1138.6	1133.4	1128.3	1119.7	1128.3	1133.4	1138.6	1139.9	1137.3	1139.9	1162.1
70°	1470.5	1455.0	1457.5	1458.3	1457.5	1455.0	1470.5	1479.4	1480.9	1486.1	1505.5
67.5°	1888.0	1873.9	1875.7	1874.0	1875.7	1873.9	1888.0	1894.1	1892.0	1897.2	1913.0
65°	2393.5	2377.6	2358.3	2329.9	2358.3	2377.6	2393.5	2398.0	2390.6	2385.1	2382.7
62.5°	2936.2	2922.1	2930.2	2936.7	2930.2	2922.1	2936.2	2937.6	2926.4	2924.5	2916.0
60°	3538.8	3519.0	3509.2	3493.2	3509.2	3519.0	3538.8	3541.3	3525.7	3523.6	3512.8
57.5°	4283.0	4279.4	4270.7	4247.5	4270.7	4279.4	4283.0	4266.1	4229.3	4220.4	4189.1
55°	5108.3	5103.6	5122.7	5146.0	5122.7	5103.6	5108.3	5085.4	5036.7	5009.2	4963.6
52.5°	6002.6	6017.7	6012.3	5980.8	6012.3	6017.7	6002.6	5959.7	5901.6	5856.1	5773.5
50°	6887.8	6904.8	6922.9	6939.6	6922.9	6904.8	6887.8	6838.3	6782.0	6738.7	6663.0
47.5°	7891.1	7935.8	7943.6	7911.8	7943.6	7935.8	7891.1	7807.8	7747.6	7679.2	7536.7
45°	9030.9	9057.9	9071.5	9098.5	9071.5	9057.9	9030.9	8941.8	8897.4	8826.9	8686.5
42.5°	10468.0	10499.1	10504.0	10533.4	10504.0	10499.1	10468.0	10353.6	10313.9	10179.0	9980.2
40°	12173.7	12224.2	12215.5	12202.9	12215.5	12224.2	12173.7	12046.0	12016.1	11883.8	11715.7
37.5°	14170.4	14256.3	14265.3	14318.3	14265.3	14256.3	14170.4	14037.4	13943.0	13690.0	13579.7
35°	16411.3	16512.4	16494.9	16520.8	16494.9	16512.4	16411.3	16270.1	16133.7	15905.9	15628.3
32.5°	18671.7	18823.3	18853.8	18981.5	18853.8	18823.3	18671.7	18469.8	18250.7	17950.6	17580.2
30°	20447.6	20660.2	20798.9	20788.5	20798.9	20660.2	20447.6	20177.7	20000.7	19492.1	19088.8
27.5°	21183.3	21458.7	21716.5	21794.2	21716.5	21458.7	21183.3	20851.9	20747.4	20022.2	19767.9
25°	20465.5	20666.7	20894.4	21016.5	20894.4	20666.7	20465.5	20235.9	19877.7	19411.3	19046.4
22.5°	18990.6	19121.5	19199.1	19135.7	19199.1	19121.5	18990.6	18836.0	18499.9	18138.0	17737.5
20°	17652.3	17817.9	17848.7	17915.4	17848.7	17817.9	17652.3	17454.4	17263.2	16952.6	16606.1
17.5°	16656.2	16764.7	16828.3	16842.7	16828.3	16764.7	16656.2	16469.9	16295.0	16015.4	15711.6
15°	15875.5	15962.4	16019.5	16044.8	16019.5	15962.4	15875.5	15725.4	15536.0	15295.3	15032.7
12.5°	15322.3	15428.3	15480.2	15511.7	15480.2	15428.3	15322.3	15194.7	15000.1	14811.1	14535.6
10°	14967.6	15069.8	15111.0	15126.2	15111.0	15069.8	14967.6	14845.2	14691.9	14479.9	14232.7
7.5°	14712.8	14778.5	14806.3	14827.8	14806.3	14778.5	14712.8	14615.7	14455.0	14235.7	13990.7
5°	14507.3	14559.5	14588.9	14620.0	14588.9	14559.5	14507.3	14392.1	14238.4	14043.0	13789.3
2.5°	14227.5	14302.3	14354.1	14385.3	14354.1	14302.3	14227.5	14123.5	13992.6	13806.5	13542.3
0°	13952.9	14023.3	14060.1	14120.5	14060.1	14023.3	13952.9	13848.9	13718.2	13533.8	13275.7
-2.5°	13650.8	13732.3	13829.2	13922.7	13829.2	13732.3	13650.8	13547.9	13433.1	13249.5	13003.0
-5°	13419.8	13527.4	13547.7	13607.6	13547.7	13527.4	13419.8	13287.9	13132.2	12932.1	12694.6
-7.5°	13071.1	13120.3	13203.8	13218.7	13203.8	13120.3	13071.1	12957.1	12765.6	12546.9	12293.4
-10°	12534.1	12614.0	12666.1	12719.2	12666.1	12614.0	12534.1	12413.6	12252.3	12038.2	11805.8
-12.5°	11902.9	11996.8	12080.6	12068.8	12080.6	11996.8	11902.9	11793.7	11648.4	11458.5	11224.7
-15°	11288.0	11378.7	11436.2	11428.5	11436.2	11378.7	11288.0	11152.3	11021.4	10837.2	10634.5
-17.5°	10677.7	10760.5	10843.8	10841.8	10843.8	10760.5	10677.7	10560.6	10412.9	10244.0	10031.2
-20°	10047.6	10118.4	10207.6	10245.1	10207.6	10118.4	10047.6	9946.3	9773.2	9589.4	9371.4



REPORT NUMBER: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	9318.9	9409.4	9474.4	9514.2	9474.4	9409.4	9318.9	9189.3	9036.3	8819.7	8627.3
-25°	8469.5	8562.5	8611.8	8629.2	8611.8	8562.5	8469.5	8370.7	8221.6	8012.4	7811.8
-27.5°	7531.1	7635.4	7686.0	7660.3	7686.0	7635.4	7531.1	7434.4	7270.4	7130.8	6936.2
-30°	6568.8	6635.6	6643.4	6701.5	6643.4	6635.6	6568.8	6496.1	6358.0	6224.5	6063.7
-32.5°	5619.2	5664.1	5638.6	5642.2	5638.6	5664.1	5619.2	5539.2	5427.6	5312.7	5202.4
-35°	4681.7	4717.4	4724.6	4790.6	4724.6	4717.4	4681.7	4640.2	4573.6	4448.6	4404.5
-37.5°	3928.0	3942.4	3920.4	3888.8	3920.4	3942.4	3928.0	3883.2	3839.9	3759.0	3727.4
-40°	3288.7	3299.9	3291.7	3275.3	3291.7	3299.9	3288.7	3256.8	3255.6	3215.4	3172.2
-42.5°	2828.9	2828.9	2821.4	2819.4	2821.4	2828.9	2828.9	2807.0	2801.5	2765.8	2709.8
-45°	2489.1	2492.6	2492.1	2490.9	2492.1	2492.6	2489.1	2473.6	2463.0	2438.7	2393.1
-47.5°	2225.5	2226.2	2222.8	2216.0	2222.8	2226.2	2225.5	2214.2	2198.3	2176.0	2141.0
-50°	1992.2	1992.2	1996.8	2004.8	1996.8	1992.2	1992.2	1984.4	1971.8	1955.7	1929.6
-52.5°	1795.1	1794.7	1797.2	1800.3	1797.2	1794.7	1795.1	1789.3	1778.2	1764.0	1742.3
-55°	1614.7	1613.7	1611.3	1605.8	1611.3	1613.7	1614.7	1610.4	1601.0	1586.5	1565.2
-57.5°	1442.2	1440.2	1435.8	1428.1	1435.8	1440.2	1442.2	1438.7	1429.5	1417.7	1403.6
-60°	1277.8	1278.6	1276.4	1270.6	1276.4	1278.6	1277.8	1273.6	1266.0	1260.3	1251.3
-62.5°	1128.0	1125.7	1125.3	1123.1	1125.3	1125.7	1128.0	1126.9	1122.5	1116.5	1108.1
-65°	987.7	985.4	986.1	985.6	986.1	985.4	987.7	987.0	983.0	978.0	972.1
-67.5°	855.5	854.8	855.6	854.9	855.6	854.8	855.5	853.9	849.8	845.7	842.3
-70°	733.8	734.1	730.3	724.1	730.3	734.1	733.8	731.7	728.0	724.1	720.4
-72.5°	613.1	610.9	611.1	610.1	611.1	610.9	613.1	613.5	612.1	609.1	605.2
-75°	498.7	497.4	500.5	502.9	500.5	497.4	498.7	499.0	498.1	496.7	496.4
-77.5°	397.1	394.2	396.8	398.9	396.8	394.2	397.1	399.0	399.8	399.7	399.4
-80°	308.3	307.2	306.5	305.1	306.5	307.2	308.3	308.7	308.5	307.8	308.5
-82.5°	228.4	227.1	226.1	224.6	226.1	227.1	228.4	229.2	229.4	229.2	228.5
-85°	144.5	143.6	145.7	147.5	145.7	143.6	144.5	145.1	145.3	145.2	145.5
-87.5°	66.4	66.7	65.3	63.7	65.3	66.7	66.4	66.0	65.4	64.7	64.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559258 (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°	47.3	49.6	51.7	52.1	52.3	52.3	52.2	51.9	51.4	50.7	49.8
85°	149.1	149.7	149.8	152.3	153.8	154.3	153.7	151.0	147.4	142.7	137.1
82.5°	289.2	288.7	287.4	290.3	291.7	291.4	289.3	283.5	276.1	267.0	256.1
80°	448.6	448.1	447.3	453.5	456.6	456.3	452.1	441.9	428.4	414.6	400.8
77.5°	643.6	647.9	649.8	655.9	657.4	653.9	644.0	628.4	614.7	596.9	573.4
75°	888.5	894.0	898.0	903.9	904.3	899.0	888.8	869.9	844.9	813.6	772.0
72.5°	1177.1	1184.4	1186.6	1186.7	1180.6	1173.9	1159.0	1133.7	1100.9	1060.4	1005.2
70°	1517.6	1522.3	1520.3	1510.6	1498.4	1482.5	1457.4	1421.9	1376.4	1328.7	1261.1
67.5°	1918.4	1913.3	1899.5	1880.5	1860.2	1829.9	1789.7	1738.5	1686.2	1626.3	1535.3
65°	2373.3	2357.5	2339.3	2313.6	2275.3	2224.1	2162.1	2097.5	2029.0	1945.5	1830.7
62.5°	2886.6	2835.5	2817.9	2793.0	2744.5	2673.4	2597.3	2515.2	2412.9	2293.5	2178.1
60°	3484.1	3440.5	3396.9	3339.3	3268.0	3179.3	3083.1	2971.9	2846.1	2712.9	2558.6
57.5°	4129.2	4071.1	4026.5	3949.5	3839.1	3735.2	3614.5	3461.2	3310.2	3156.1	2971.6
55°	4901.9	4821.9	4727.3	4619.8	4501.7	4367.0	4202.2	4023.3	3838.5	3626.3	3429.6
52.5°	5659.3	5588.2	5479.5	5325.3	5186.7	5045.8	4852.1	4642.4	4433.7	4213.6	3937.4
50°	6555.0	6446.7	6298.3	6118.9	5973.5	5781.6	5565.8	5311.3	5094.0	4842.3	4537.9
47.5°	7455.0	7384.5	7209.6	7001.4	6866.7	6643.9	6378.2	6093.3	5853.4	5510.9	5179.3
45°	8593.8	8465.3	8269.1	8090.1	7879.4	7631.8	7292.9	7020.6	6699.9	6326.0	5845.4
42.5°	9928.0	9742.4	9488.0	9337.5	9084.3	8758.3	8381.2	8038.4	7638.3	7201.1	6649.0
40°	11545.2	11239.0	10980.7	10738.5	10449.9	10019.7	9601.8	9145.4	8667.0	8129.1	7410.5
37.5°	13402.7	13078.2	12697.1	12296.6	11924.1	11433.2	10873.6	10336.2	9761.3	8952.2	8132.9
35°	15336.8	14966.6	14496.0	14010.7	13431.8	12744.1	12166.6	11532.9	10747.8	9697.8	8801.2
32.5°	17246.7	16638.6	16128.9	15604.9	14738.3	13889.1	13267.7	12704.6	11371.3	10287.9	9388.5
30°	18627.6	17858.0	17341.5	16624.1	15536.4	14763.3	14172.6	13003.5	11762.6	10699.5	9845.8
27.5°	18929.6	18360.1	17835.8	16759.1	15822.4	15138.7	14215.4	13023.7	11895.3	10894.9	10068.5
25°	18349.4	17829.2	17191.4	16296.2	15514.3	14811.7	13842.3	12762.9	11750.3	10868.3	9940.7
22.5°	17247.5	16772.1	16191.4	15492.8	14829.8	14113.1	13258.7	12323.2	11452.1	10626.5	9728.5
20°	16194.6	15766.9	15228.6	14675.0	14104.9	13425.2	12614.1	11849.4	11140.5	10341.0	9473.6
17.5°	15367.1	14924.8	14502.2	14022.3	13438.2	12743.7	12160.2	11530.1	10829.6	10035.3	9182.6
15°	14677.3	14344.2	13941.4	13435.6	12899.6	12405.2	11850.3	11206.0	10508.1	9705.0	8911.0
12.5°	14256.1	13900.1	13460.1	13064.2	12617.8	12100.4	11528.6	10871.4	10204.1	9531.5	8819.6
10°	13919.1	13582.1	13219.5	12802.9	12331.6	11794.9	11260.0	10688.7	10067.4	9407.1	8702.6
7.5°	13703.3	13355.6	12969.3	12563.2	12110.9	11628.6	11104.1	10535.6	9908.2	9249.3	8558.5
5°	13493.6	13147.4	12776.2	12386.1	11924.0	11442.4	10923.2	10353.2	9723.3	9058.4	8385.9
2.5°	13253.9	12926.1	12568.2	12178.3	11708.5	11228.1	10715.9	10138.9	9518.2	8879.2	8189.7
0°	12984.0	12682.3	12296.8	11904.5	11462.0	10992.7	10479.7	9889.7	9282.9	8679.5	7962.0
-2.5°	12727.5	12406.4	12050.4	11661.0	11237.1	10751.3	10241.5	9670.8	9051.0	8441.2	7739.5
-5°	12414.4	12102.2	11744.8	11338.2	10910.9	10431.4	9924.8	9373.3	8763.8	8160.7	7490.4
-7.5°	12011.1	11711.4	11373.6	10968.9	10532.7	10053.7	9541.4	8990.4	8396.7	7800.1	7148.6
-10°	11527.0	11208.0	10864.8	10487.6	10079.0	9626.5	9119.7	8569.7	7998.4	7404.2	6777.7
-12.5°	10959.1	10655.8	10312.0	9943.3	9540.6	9097.9	8628.7	8103.9	7569.8	6972.9	6378.6
-15°	10354.7	10087.8	9749.2	9363.2	8951.6	8532.2	8086.9	7586.5	7093.1	6509.1	5951.3
-17.5°	9775.5	9481.8	9147.8	8791.5	8378.8	7937.8	7507.2	7048.5	6571.3	6039.3	5528.9
-20°	9125.7	8828.3	8518.7	8176.0	7782.6	7358.3	6919.7	6482.0	6033.9	5570.6	5106.7



REPORT NUMBER: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	8392.2	8131.9	7839.2	7515.0	7130.2	6731.9	6329.7	5916.4	5492.4	5093.5	4677.4
-25°	7605.8	7369.8	7082.1	6775.6	6435.8	6076.1	5723.5	5356.4	4991.5	4617.5	4248.5
-27.5°	6755.8	6536.8	6287.6	6019.0	5718.3	5426.2	5114.5	4798.1	4503.3	4173.4	3851.4
-30°	5884.6	5714.2	5500.3	5247.8	5038.6	4794.9	4512.1	4286.9	4031.6	3749.1	3486.7
-32.5°	5046.1	4908.7	4732.9	4565.0	4390.0	4195.4	4002.1	3793.1	3570.3	3369.1	3154.4
-35°	4289.8	4175.3	4079.6	3953.7	3790.1	3660.8	3511.9	3340.5	3170.1	3008.4	2836.2
-37.5°	3667.3	3565.3	3493.8	3400.4	3286.4	3165.8	3068.1	2950.3	2810.5	2681.4	2541.7
-40°	3133.1	3048.4	2996.4	2940.3	2862.4	2749.8	2688.1	2600.2	2504.1	2380.0	2267.5
-42.5°	2705.4	2665.5	2606.3	2570.8	2509.6	2433.3	2353.9	2303.4	2226.4	2129.5	2037.6
-45°	2378.7	2353.0	2302.0	2266.7	2221.7	2161.2	2080.6	2042.6	1984.4	1917.2	1830.2
-47.5°	2117.0	2098.2	2060.4	2013.9	1979.2	1926.9	1870.5	1817.0	1783.0	1725.3	1654.0
-50°	1900.0	1882.0	1848.5	1802.1	1770.4	1730.6	1685.9	1632.8	1600.4	1551.5	1492.2
-52.5°	1713.0	1690.1	1660.3	1621.9	1591.1	1563.4	1523.5	1474.7	1432.3	1398.7	1355.2
-55°	1536.6	1517.0	1497.1	1469.6	1436.0	1409.0	1371.5	1329.3	1294.4	1265.3	1228.1
-57.5°	1387.9	1370.4	1348.7	1322.5	1292.0	1265.5	1237.4	1204.7	1168.6	1141.4	1106.8
-60°	1236.9	1218.2	1202.5	1182.8	1158.9	1134.7	1111.8	1083.8	1050.6	1023.7	993.5
-62.5°	1096.3	1081.2	1068.0	1052.3	1033.1	1011.7	991.0	967.6	940.1	912.2	886.9
-65°	963.8	953.1	941.7	928.2	912.2	894.0	876.2	856.5	834.4	809.6	785.9
-67.5°	835.9	826.6	816.9	806.7	795.6	782.9	768.8	751.9	733.4	713.2	693.3
-70°	714.1	705.1	697.4	691.4	684.8	676.3	665.2	652.0	637.0	621.1	603.4
-72.5°	600.0	593.8	588.9	585.5	580.1	573.2	565.0	555.7	544.9	532.5	516.0
-75°	494.7	491.6	488.1	485.6	481.3	475.2	468.5	461.7	453.0	442.4	429.0
-77.5°	398.2	395.9	393.0	390.6	386.5	380.8	374.2	369.1	363.2	355.0	344.7
-80°	308.2	307.1	305.1	303.2	300.4	296.6	292.1	287.0	280.2	272.4	264.7
-82.5°	227.4	225.7	223.7	222.0	219.5	216.2	212.2	208.3	203.9	198.8	193.3
-85°	145.4	144.9	144.0	142.5	140.9	139.2	137.3	135.7	133.6	131.0	128.0
-87.5°	64.6	64.3	63.8	65.4	66.8	67.9	68.7	67.8	66.8	65.5	64.0
-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: P559258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	48.7	47.4	45.9	44.2	43.2	41.9	40.2	38.2	35.0	31.5	28.0
85°	130.0	122.1	113.1	103.2	93.8	83.8	80.5	76.4	69.9	63.0	55.9
82.5°	242.7	230.9	218.7	205.0	190.0	174.1	157.3	139.3	117.4	96.3	83.8
80°	383.0	363.4	341.8	318.2	292.1	264.2	241.2	216.2	185.1	155.2	126.4
77.5°	542.9	509.6	473.6	442.8	410.9	376.3	339.1	297.2	252.1	213.4	176.2
75°	720.9	678.9	635.7	588.8	538.8	488.4	444.3	393.0	332.0	272.5	225.3
72.5°	942.4	877.4	810.4	741.5	681.7	620.0	556.7	487.3	415.6	345.6	277.4
70°	1179.6	1089.9	1005.8	922.9	836.8	751.6	678.0	592.1	498.0	417.4	339.2
67.5°	1432.0	1334.2	1227.3	1109.9	1006.1	905.3	801.9	698.0	592.6	488.1	399.8
65°	1718.8	1595.1	1461.5	1332.6	1195.1	1060.5	944.9	807.6	685.3	569.8	459.0
62.5°	2034.0	1872.5	1727.2	1565.2	1404.4	1245.6	1083.0	928.4	778.9	649.6	524.9
60°	2391.1	2214.1	2010.0	1828.7	1634.7	1440.0	1246.9	1045.2	882.1	727.3	592.3
57.5°	2784.0	2575.8	2357.6	2117.8	1890.1	1659.7	1410.4	1178.7	981.6	811.7	657.2
55°	3194.7	2960.8	2714.3	2450.5	2169.3	1903.4	1582.4	1315.4	1082.2	895.2	717.4
52.5°	3654.7	3374.9	3090.5	2793.2	2483.6	2140.0	1773.3	1444.2	1194.9	975.0	781.5
50°	4184.5	3834.8	3497.2	3155.4	2802.2	2388.9	1951.7	1598.2	1300.7	1055.6	842.4
47.5°	4788.9	4364.4	3946.1	3535.9	3145.2	2620.1	2148.2	1745.1	1399.3	1141.5	899.1
45°	5414.8	4947.2	4440.5	3965.9	3423.7	2854.0	2339.6	1880.3	1518.4	1216.3	951.4
42.5°	6043.2	5537.1	4993.3	4399.9	3709.8	3075.7	2514.3	2032.4	1628.2	1285.0	1006.2
40°	6741.0	6125.0	5544.5	4802.9	3969.9	3277.4	2694.1	2175.0	1727.0	1354.3	1061.2
37.5°	7406.5	6725.4	6087.2	5110.6	4207.9	3483.7	2858.5	2302.6	1817.3	1429.1	1111.0
35°	8027.7	7307.3	6360.7	5360.8	4444.0	3658.3	3003.9	2422.9	1913.3	1495.0	1155.8
32.5°	8594.2	7680.2	6570.4	5556.0	4631.2	3801.0	3135.9	2530.0	1995.4	1552.0	1195.4
30°	8980.5	7819.7	6714.4	5697.1	4770.8	3939.1	3243.3	2618.9	2063.7	1599.9	1232.2
27.5°	9000.9	7884.5	6791.4	5785.1	4866.9	4040.4	3325.0	2689.5	2118.2	1644.6	1270.3
25°	8930.4	7856.0	6802.7	5817.8	4917.8	4123.4	3387.5	2742.5	2168.4	1688.0	1301.5
22.5°	8765.4	7754.8	6751.4	5795.7	4973.6	4180.6	3439.4	2787.9	2208.9	1720.7	1325.7
20°	8556.9	7590.5	6665.2	5817.3	5001.7	4217.2	3478.3	2817.1	2235.2	1742.9	1343.3
17.5°	8301.6	7460.1	6650.7	5813.2	5001.7	4228.1	3495.9	2830.7	2247.6	1755.0	1354.2
15°	8184.2	7409.0	6607.1	5782.2	4974.2	4213.9	3492.7	2828.8	2246.8	1757.5	1361.9
12.5°	8089.7	7328.5	6536.3	5724.3	4920.1	4175.8	3469.6	2812.0	2233.3	1757.5	1367.5
10°	7970.3	7218.9	6438.4	5639.9	4840.5	4114.8	3427.4	2786.5	2226.6	1754.6	1367.9
7.5°	7824.8	7080.2	6313.4	5529.2	4744.8	4046.6	3384.3	2758.0	2212.5	1744.3	1363.2
5°	7655.9	6927.2	6179.2	5423.3	4671.8	3974.3	3327.2	2715.7	2189.0	1726.9	1353.6
2.5°	7473.3	6769.1	6029.0	5294.9	4579.9	3884.5	3254.8	2660.8	2156.4	1703.0	1339.4
0°	7261.4	6584.2	5853.4	5142.6	4468.8	3778.2	3168.1	2594.8	2115.4	1672.9	1320.9
-2.5°	7075.3	6381.0	5664.2	4977.3	4306.9	3650.9	3073.7	2528.3	2069.9	1643.3	1301.5
-5°	6858.8	6151.6	5452.9	4790.9	4128.0	3510.2	2967.9	2453.2	2017.0	1608.6	1278.2
-7.5°	6540.9	5871.1	5212.1	4581.4	3934.5	3358.4	2852.3	2370.5	1957.7	1569.0	1251.5
-10°	6182.7	5553.5	4939.3	4344.7	3746.4	3208.7	2730.2	2281.4	1892.5	1525.0	1221.5
-12.5°	5804.1	5219.0	4651.4	4096.6	3552.6	3061.0	2613.3	2193.9	1823.0	1477.1	1188.5
-15°	5407.6	4870.3	4350.9	3839.9	3352.3	2905.9	2490.7	2104.5	1754.7	1428.0	1152.8
-17.5°	5004.1	4510.1	4039.8	3577.6	3148.0	2744.7	2363.9	2010.6	1682.5	1378.9	1117.2
-20°	4635.8	4173.7	3722.8	3312.1	2941.9	2578.7	2234.2	1912.9	1607.1	1327.1	1081.0



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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°	4268.7	3863.2	3456.0	3065.4	2739.6	2409.1	2102.7	1812.2	1529.2	1273.0	1042.3
-25°	3903.0	3554.5	3195.6	2860.4	2543.7	2251.7	1975.7	1709.0	1449.3	1217.0	1001.3
-27.5°	3558.5	3253.6	2934.1	2654.9	2372.4	2096.8	1853.2	1611.2	1371.9	1159.5	958.2
-30°	3229.8	2966.2	2699.5	2453.8	2203.1	1961.8	1730.4	1513.6	1301.3	1103.9	913.0
-32.5°	2926.2	2682.5	2475.7	2267.1	2047.4	1827.8	1616.6	1416.5	1230.3	1048.5	870.9
-35°	2644.0	2440.2	2258.4	2086.5	1897.1	1706.1	1512.6	1320.3	1159.4	991.5	829.2
-37.5°	2375.3	2225.4	2069.6	1916.9	1747.6	1586.8	1414.4	1240.9	1088.8	933.0	786.8
-40°	2154.4	2026.5	1896.3	1756.3	1614.9	1470.1	1316.0	1165.7	1020.0	873.2	743.6
-42.5°	1943.9	1844.5	1732.3	1600.3	1491.8	1362.3	1219.1	1089.1	953.5	819.3	699.9
-45°	1756.5	1672.2	1576.6	1477.6	1373.7	1255.5	1133.6	1011.9	886.9	768.7	657.5
-47.5°	1580.1	1517.3	1439.7	1356.9	1261.0	1152.9	1047.3	938.3	820.3	718.1	616.9
-50°	1431.3	1377.3	1314.9	1239.9	1150.5	1058.9	962.4	864.9	764.4	668.1	575.5
-52.5°	1302.3	1250.6	1194.8	1125.7	1049.6	964.7	884.1	793.0	707.4	619.7	533.4
-55°	1181.1	1130.5	1079.3	1020.2	951.9	881.1	806.8	729.2	649.4	571.5	491.2
-57.5°	1066.6	1017.4	973.4	920.3	863.0	801.3	734.2	664.6	594.0	522.6	453.7
-60°	956.6	916.5	873.1	829.5	779.6	723.4	663.4	600.9	538.9	474.3	415.7
-62.5°	855.5	819.3	783.4	743.8	697.9	647.3	593.1	540.1	483.2	430.8	377.1
-65°	760.5	730.7	696.5	659.1	617.3	572.9	527.2	478.7	432.9	386.8	338.4
-67.5°	669.9	642.3	609.2	574.6	541.3	504.2	461.6	422.7	383.7	342.3	300.1
-70°	581.3	554.5	526.8	500.5	470.5	436.6	402.7	368.7	334.2	299.7	261.6
-72.5°	496.0	474.8	452.7	428.8	402.9	374.9	344.8	315.4	287.9	257.0	222.9
-75°	412.9	396.7	379.5	360.1	337.5	313.3	290.0	266.1	241.6	214.2	188.6
-77.5°	333.1	320.5	306.9	292.9	275.5	257.0	237.3	216.8	196.9	177.0	155.7
-80°	257.9	249.9	240.7	229.8	215.7	200.6	186.4	171.8	156.5	140.1	122.6
-82.5°	188.1	182.5	176.1	168.6	159.0	149.0	138.8	128.2	116.1	103.2	90.5
-85°	124.3	119.9	114.9	109.2	103.3	97.2	91.3	84.9	76.9	68.7	60.4
-87.5°	61.7	59.3	56.6	53.9	51.3	48.6	45.7	42.5	38.5	34.4	30.2
-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°	24.3	20.5	16.6	12.6	8.5	4.2	0.0
85°	48.6	41.0	33.1	25.1	16.9	8.3	0.0
82.5°	72.7	61.4	49.7	37.6	25.3	12.5	0.0
80°	98.9	81.7	66.1	50.1	33.7	16.6	0.0
77.5°	140.5	106.5	82.4	62.4	42.0	20.7	0.0
75°	181.5	139.6	100.3	74.7	50.2	24.7	0.0
72.5°	221.9	172.3	125.6	86.8	58.3	28.7	0.0
70°	263.0	204.3	150.4	99.9	66.3	32.6	0.0
67.5°	313.3	235.7	174.8	117.7	74.1	36.5	0.0
65°	362.2	270.5	198.6	135.0	81.8	40.3	0.0
62.5°	409.5	308.5	221.8	151.9	89.3	44.0	0.0
60°	455.0	345.2	244.3	168.4	96.7	47.7	0.0
57.5°	506.5	380.4	271.3	184.4	107.0	51.2	0.0
55°	556.5	414.1	297.5	199.8	117.1	54.6	0.0
52.5°	603.9	447.2	322.5	214.6	126.9	57.9	0.0
50°	648.4	483.4	346.4	228.8	136.3	61.2	0.0
47.5°	690.8	517.5	369.0	243.2	145.3	64.2	0.0
45°	735.2	549.3	390.2	259.0	154.0	67.2	0.0
42.5°	776.1	578.8	410.1	274.0	162.3	70.0	0.0
40°	813.3	605.9	430.3	288.2	170.2	72.7	0.0
37.5°	847.0	630.5	450.4	301.7	177.6	75.3	0.0
35°	876.9	655.0	468.8	314.3	184.7	77.7	0.0
32.5°	905.7	678.1	485.4	326.0	191.2	79.9	0.0
30°	936.6	698.3	500.3	336.8	197.3	82.0	0.0
27.5°	963.3	715.7	514.3	346.7	202.9	84.0	0.0
25°	985.8	730.3	526.8	355.6	208.1	85.7	0.0
22.5°	1004.2	743.2	537.4	363.6	212.7	87.3	0.0
20°	1018.5	755.8	546.4	370.7	216.8	88.8	0.0
17.5°	1031.4	766.3	553.6	376.7	220.5	90.0	0.0
15°	1041.8	774.5	559.2	381.8	223.6	91.1	0.0
12.5°	1048.2	780.6	563.1	385.9	226.2	92.0	0.0
10°	1050.7	784.4	565.4	389.1	228.3	92.8	0.0
7.5°	1049.5	786.0	566.2	391.3	229.8	93.3	0.0
5°	1044.9	785.4	565.5	392.5	230.8	93.7	0.0
2.5°	1036.9	782.7	563.4	392.8	231.3	93.9	0.0
0°	1025.8	777.8	559.9	392.2	231.3	93.9	0.0
-2.5°	1014.0	770.4	557.2	390.4	230.7	94.0	0.0
-5°	999.5	761.1	553.2	387.7	229.7	94.0	0.0
-7.5°	982.3	749.9	547.9	384.2	228.1	93.7	0.0
-10°	962.6	737.0	541.4	379.7	226.0	93.3	0.0
-12.5°	940.5	722.5	533.7	374.4	223.5	92.7	0.0
-15°	916.1	706.5	524.8	368.4	220.5	91.9	0.0
-17.5°	889.6	689.1	514.7	361.5	217.0	91.0	0.0
-20°	862.2	670.6	503.4	353.8	213.1	89.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	834.7	650.9	491.0	345.4	208.7	88.5	0.0
-25°	805.6	631.3	477.6	336.4	204.0	87.0	0.0
-27.5°	774.9	610.8	463.0	326.6	198.8	85.3	0.0
-30°	742.9	589.0	447.5	316.2	193.3	83.5	0.0
-32.5°	709.6	566.0	431.5	305.1	187.4	81.5	0.0
-35°	678.6	541.9	414.6	293.5	181.1	79.3	0.0
-37.5°	647.9	517.6	396.9	281.3	174.5	76.9	0.0
-40°	616.0	494.2	378.4	268.5	167.6	74.4	0.0
-42.5°	583.0	470.0	360.1	255.3	160.4	71.7	0.0
-45°	549.1	445.1	341.9	241.7	152.9	68.9	0.0
-47.5°	514.3	419.5	323.0	227.5	145.1	65.9	0.0
-50°	482.4	393.3	303.5	214.8	137.0	62.8	0.0
-52.5°	450.6	366.5	283.4	202.4	128.7	59.6	0.0
-55°	418.2	340.5	262.7	189.6	120.2	56.2	0.0
-57.5°	385.4	314.2	241.5	176.4	111.4	52.7	0.0
-60°	352.3	287.4	220.0	162.9	102.5	49.1	0.0
-62.5°	319.9	260.1	201.8	149.0	94.8	45.4	0.0
-65°	287.0	232.2	183.2	135.0	86.9	41.6	0.0
-67.5°	253.6	206.4	164.3	120.6	78.9	37.7	0.0
-70°	219.8	182.8	145.1	106.0	70.6	33.7	0.0
-72.5°	190.7	158.8	125.6	92.8	62.1	29.7	0.0
-75°	162.1	134.6	105.9	79.9	53.5	25.5	0.0
-77.5°	133.2	110.1	88.2	66.8	44.8	21.4	0.0
-80°	104.1	87.4	70.7	53.6	36.0	17.2	0.0
-82.5°	77.9	65.7	53.1	40.3	27.1	12.9	0.0
-85°	52.0	43.9	35.5	26.9	18.1	8.6	0.0
-87.5°	26.0	21.9	17.8	13.5	9.1	4.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)