

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: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558850 (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-SA3E-927-U-WAF-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

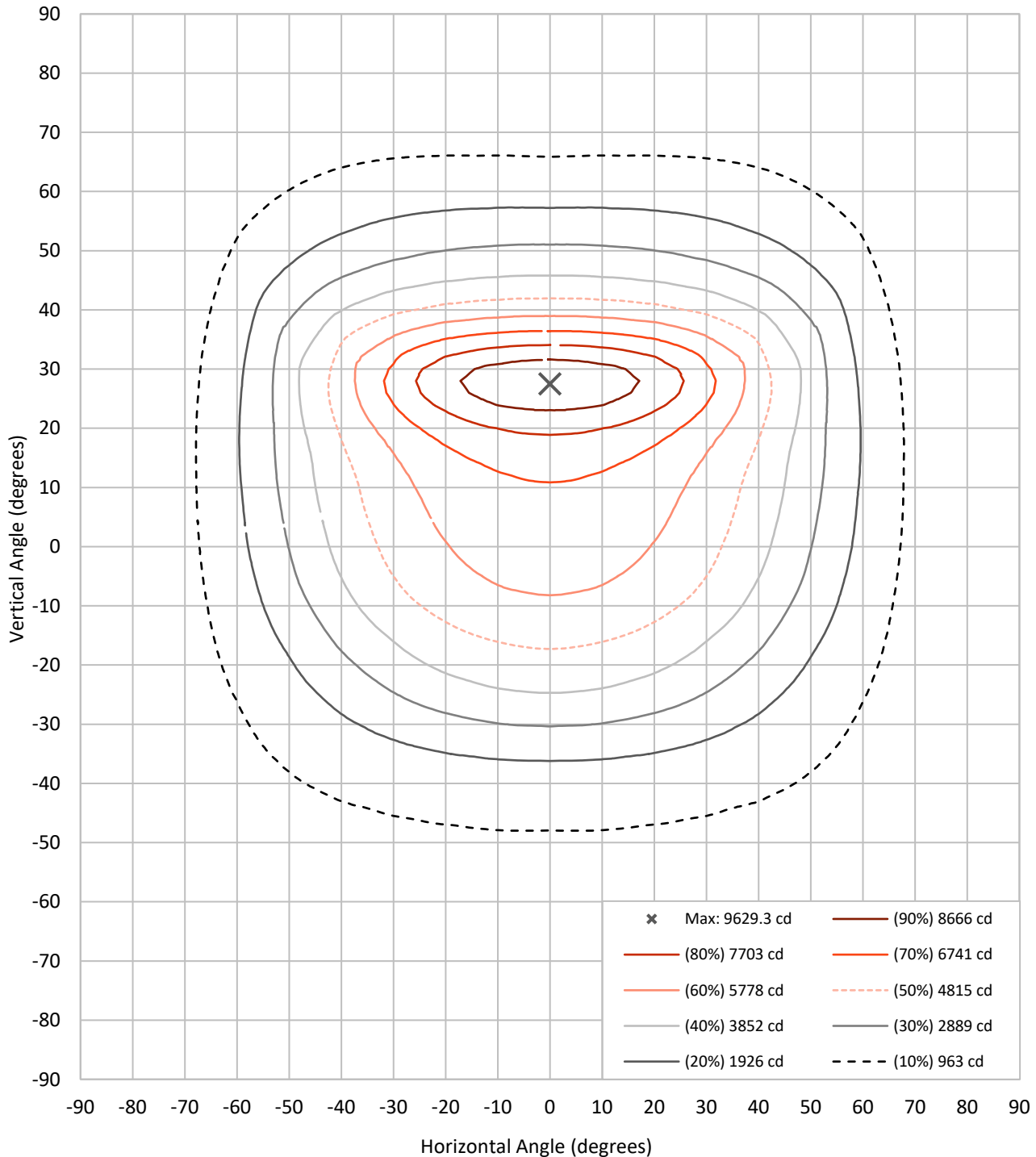
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14037.8 lumens	Max Intensity:	9629.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	77.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	7280.7 lumens	Field Lumens:	12986.2 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	182		
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		



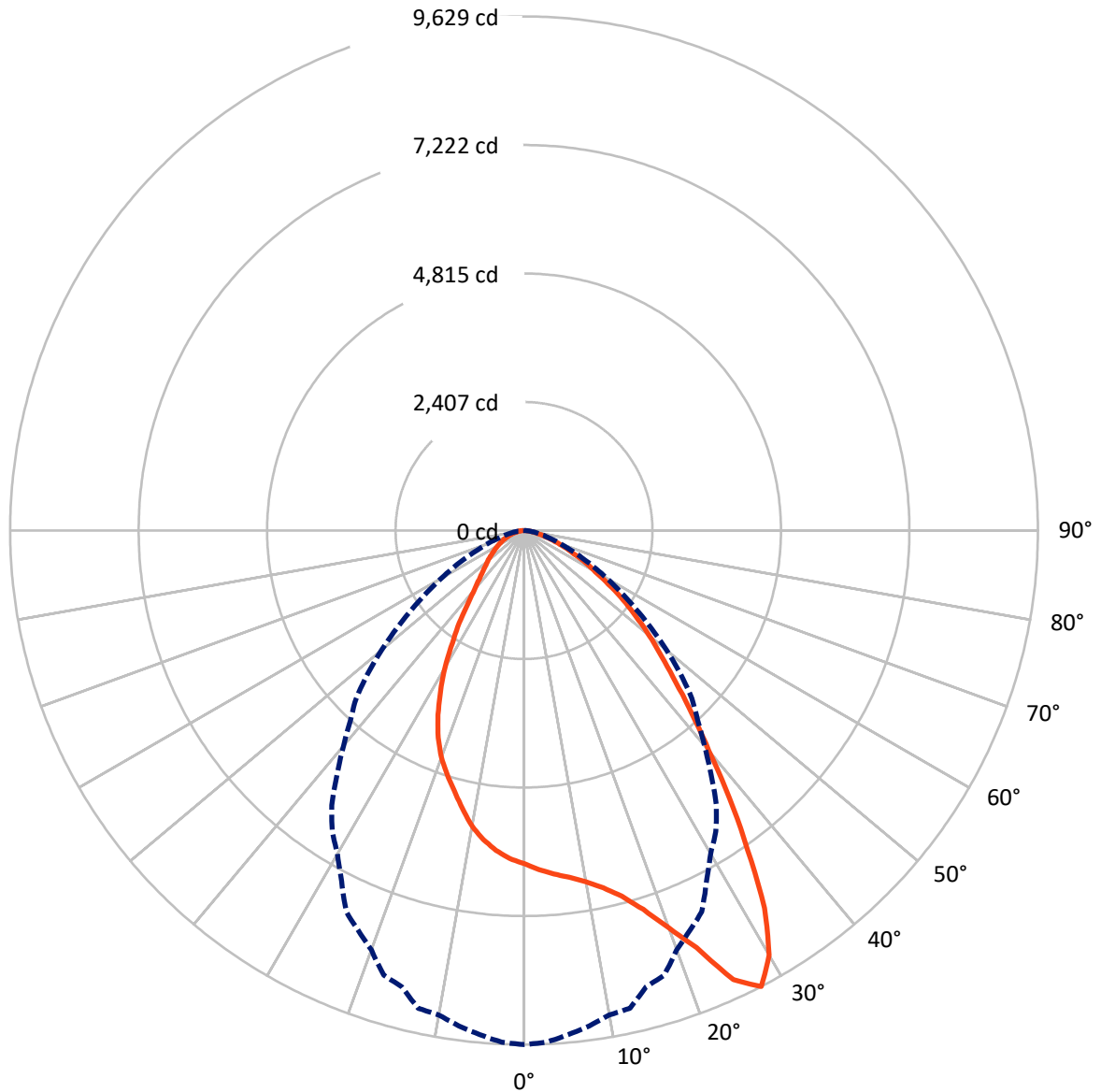
REPORT NUMBER: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-927-U-WAF-XX

Iso-Candela Plot



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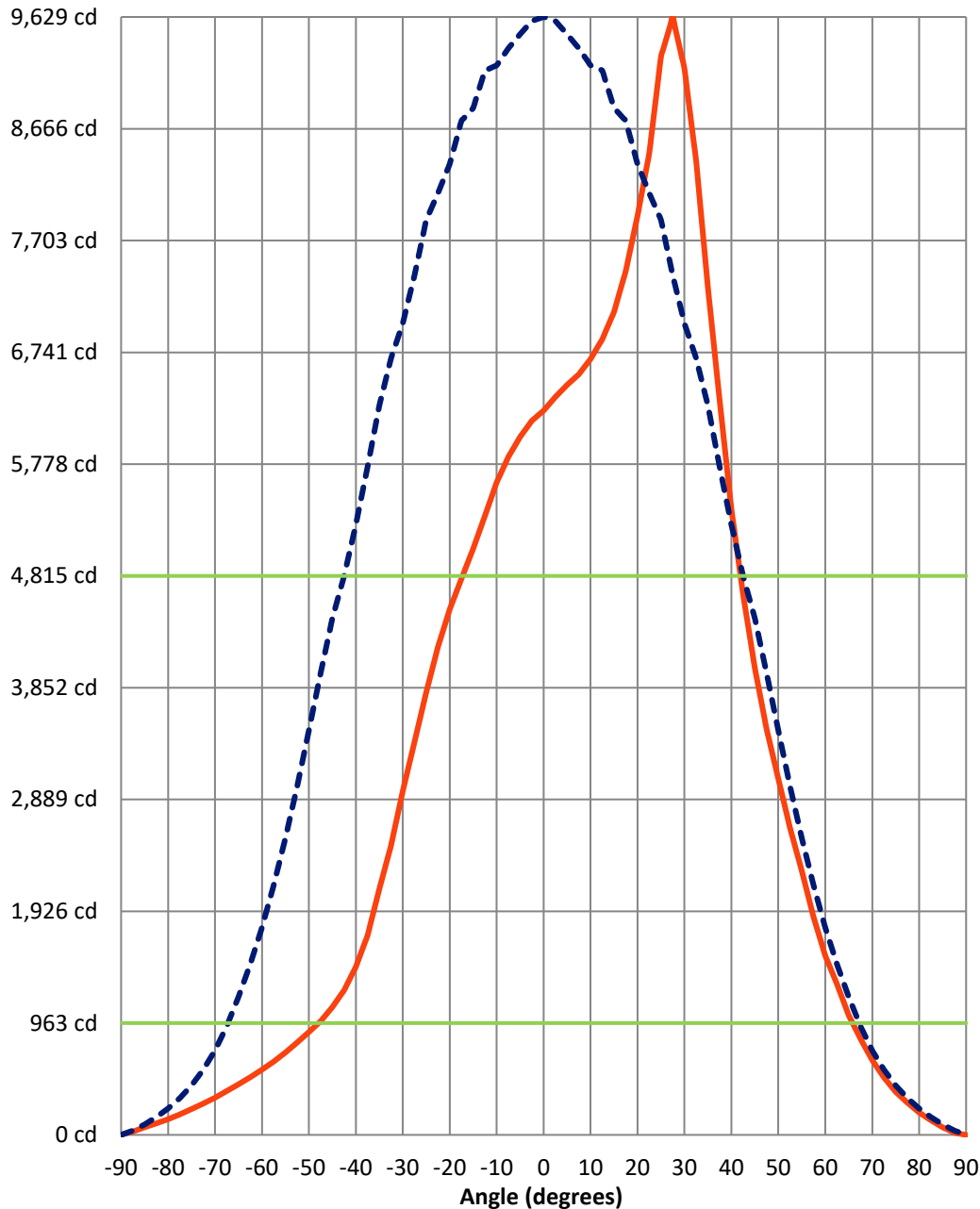
Luminous Intensity Polar Plot



— 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: 7280.7
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 12986.2
 Efficiency: 92.5%

Spill:
 Lumens: 1051.6
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.8	3.7	5.6	7.3	9.1	10.7	12.4	13.9	15.4	16.9
85°	0.0	3.7	7.5	11.1	14.7	18.1	21.5	24.7	27.9	30.9	33.8
82.5°	0.0	5.5	11.2	16.6	22.0	27.1	32.2	37.0	42.6	51.9	61.6
80°	0.0	7.3	14.9	22.2	29.2	36.1	43.7	55.9	68.6	81.8	95.5
77.5°	0.0	9.1	18.6	27.6	36.4	47.1	62.1	77.9	94.3	111.4	131.4
75°	0.0	10.9	22.2	33.0	44.3	61.7	80.2	99.6	120.4	146.7	173.6
72.5°	0.0	12.7	25.8	38.4	55.5	76.2	98.1	122.6	152.7	183.6	215.3
70°	0.0	14.4	29.3	44.2	66.5	90.3	116.3	149.9	184.4	220.0	261.6
67.5°	0.0	16.1	32.8	52.0	77.3	104.2	138.5	176.6	215.6	261.8	308.4
65°	0.0	17.8	36.2	59.7	87.8	119.6	160.0	202.7	251.7	302.8	356.8
62.5°	0.0	19.5	39.5	67.2	98.0	136.3	180.9	231.9	287.0	344.2	410.2
60°	0.0	21.1	42.8	74.5	108.0	152.5	201.0	261.7	321.3	389.8	461.8
57.5°	0.0	22.6	47.3	81.5	119.9	168.1	223.8	290.3	358.7	433.7	520.8
55°	0.0	24.2	51.8	88.3	131.5	182.9	245.9	317.0	395.5	478.2	581.2
52.5°	0.0	25.6	56.1	94.9	142.5	197.6	266.8	345.3	430.8	528.0	638.1
50°	0.0	27.0	60.3	101.2	153.1	213.6	286.5	372.2	466.4	574.7	706.1
47.5°	0.0	28.4	64.3	107.5	163.0	228.6	305.2	397.3	504.4	618.2	771.0
45°	0.0	29.7	68.1	114.5	172.4	242.7	324.8	420.4	537.4	670.9	830.8
42.5°	0.0	31.0	71.7	121.1	181.2	255.7	342.9	444.6	567.7	719.4	898.0
40°	0.0	32.2	75.2	127.4	190.1	267.7	359.4	468.8	598.3	763.0	961.0
37.5°	0.0	33.3	78.5	133.3	199.0	278.6	374.2	490.9	631.4	802.9	1017.4
35°	0.0	34.3	81.6	138.9	207.1	289.4	387.4	510.6	660.5	845.3	1070.5
32.5°	0.0	35.3	84.5	144.1	214.5	299.6	400.1	528.1	685.7	881.6	1117.8
30°	0.0	36.3	87.2	148.8	221.0	308.5	413.8	544.4	706.9	911.8	1157.1
27.5°	0.0	37.1	89.7	153.2	227.2	316.2	425.6	561.3	726.6	935.9	1188.3
25°	0.0	37.9	92.0	157.1	232.7	322.7	435.5	575.0	745.8	958.1	1211.7
22.5°	0.0	38.6	94.0	160.7	237.5	328.3	443.7	585.8	760.3	976.0	1231.7
20°	0.0	39.2	95.8	163.8	241.4	333.9	450.0	593.5	770.1	987.6	1244.7
17.5°	0.0	39.8	97.4	166.5	244.6	338.5	455.7	598.4	775.4	993.0	1250.6
15°	0.0	40.3	98.8	168.7	247.1	342.2	460.3	601.7	776.5	992.7	1249.8
12.5°	0.0	40.7	100.0	170.5	248.8	344.8	463.1	604.2	776.5	986.7	1242.4
10°	0.0	41.0	100.9	171.9	249.8	346.5	464.2	604.4	775.2	983.7	1231.1
7.5°	0.0	41.2	101.5	172.9	250.2	347.2	463.7	602.3	770.7	977.5	1218.5
5°	0.0	41.4	102.0	173.4	249.9	347.0	461.6	598.1	763.0	967.1	1199.8
2.5°	0.0	41.5	102.2	173.6	248.9	345.8	458.1	591.8	752.4	952.7	1175.6
0°	0.0	41.5	102.2	173.3	247.4	343.6	453.2	583.6	739.1	934.6	1146.4
-2.5°	0.0	41.6	102.0	172.5	246.2	340.4	448.0	575.0	726.0	914.5	1117.0
-5°	0.0	41.5	101.5	171.3	244.4	336.2	441.6	564.7	710.7	891.2	1083.9
-7.5°	0.0	41.4	100.8	169.7	242.1	331.3	434.0	552.9	693.2	865.0	1047.3
-10°	0.0	41.2	99.9	167.8	239.2	325.6	425.3	539.7	673.7	836.2	1008.0
-12.5°	0.0	41.0	98.7	165.4	235.8	319.2	415.5	525.1	652.6	805.5	969.3
-15°	0.0	40.6	97.4	162.8	231.9	312.1	404.8	509.3	630.9	775.3	929.8
-17.5°	0.0	40.2	95.9	159.7	227.4	304.5	393.1	493.6	609.2	743.4	888.4
-20°	0.0	39.7	94.1	156.3	222.4	296.3	381.0	477.6	586.3	710.1	845.2



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 CATALOG NUMBER: GFLD-SA3E-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	39.1	92.2	152.6	217.0	287.6	368.8	460.5	562.4	675.7	800.7
-25°	0.0	38.5	90.1	148.6	211.0	278.9	355.9	442.4	537.7	640.4	755.2
-27.5°	0.0	37.7	87.8	144.3	204.6	269.9	342.4	423.4	512.3	606.1	711.9
-30°	0.0	36.9	85.4	139.7	197.7	260.3	328.3	403.4	487.7	574.9	668.8
-32.5°	0.0	36.0	82.8	134.8	190.6	250.1	313.6	384.8	463.3	543.6	625.9
-35°	0.0	35.0	80.0	129.7	183.2	239.4	299.8	366.4	438.1	512.3	583.4
-37.5°	0.0	34.0	77.1	124.3	175.4	228.7	286.2	347.6	412.2	481.1	548.3
-40°	0.0	32.9	74.1	118.6	167.2	218.3	272.2	328.5	385.8	450.7	515.1
-42.5°	0.0	31.7	70.9	112.8	159.1	207.7	257.6	309.2	362.0	421.3	481.2
-45°	0.0	30.4	67.5	106.8	151.0	196.7	242.6	290.5	339.6	391.8	447.1
-47.5°	0.0	29.1	64.1	100.5	142.7	185.3	227.2	272.6	317.2	362.4	414.6
-50°	0.0	27.8	60.5	94.9	134.1	173.8	213.1	254.3	295.2	337.7	382.1
-52.5°	0.0	26.3	56.9	89.4	125.2	161.9	199.1	235.6	273.8	312.5	350.3
-55°	0.0	24.8	53.1	83.7	116.0	150.4	184.8	217.0	252.5	286.9	322.2
-57.5°	0.0	23.3	49.2	77.9	106.7	138.8	170.3	200.4	230.9	262.4	293.6
-60°	0.0	21.7	45.3	71.9	97.2	127.0	155.6	183.6	209.5	238.1	265.5
-62.5°	0.0	20.1	41.9	65.8	89.1	114.9	141.3	166.6	190.3	213.5	238.6
-65°	0.0	18.4	38.4	59.6	80.9	102.6	126.8	149.5	170.9	191.3	211.5
-67.5°	0.0	16.7	34.8	53.3	72.6	91.2	112.0	132.6	151.2	169.6	186.8
-70°	0.0	14.9	31.2	46.8	64.1	80.7	97.1	115.6	132.4	147.7	162.9
-72.5°	0.0	13.1	27.5	41.0	55.5	70.1	84.2	98.5	113.6	127.2	139.4
-75°	0.0	11.3	23.7	35.3	46.8	59.4	71.6	83.3	94.7	106.8	117.6
-77.5°	0.0	9.4	19.8	29.5	38.9	48.6	58.8	68.8	78.2	87.0	95.8
-80°	0.0	7.6	15.9	23.7	31.2	38.6	46.0	54.1	61.9	69.2	75.9
-82.5°	0.0	5.7	12.0	17.8	23.5	29.0	34.4	39.9	45.5	51.3	56.6
-85°	0.0	3.8	8.0	11.9	15.7	19.4	23.0	26.7	30.3	33.9	37.5
-87.5°	0.0	1.9	4.0	5.9	7.8	9.7	11.5	13.3	15.2	17.0	18.8
-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: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	17.8	18.5	19.1	19.6	20.3	21.0	21.5	22.0	22.4	22.7	22.9
85°	35.6	37.1	41.5	45.6	50.0	53.9	57.5	60.6	63.1	65.1	66.7
82.5°	69.5	76.9	84.0	90.6	96.6	102.0	107.2	113.2	118.0	122.0	125.3
80°	106.6	116.8	129.1	140.6	151.0	160.6	169.3	177.1	183.2	189.3	195.2
77.5°	149.8	166.2	181.5	195.6	209.2	225.1	239.9	253.4	263.7	271.6	277.7
75°	196.3	215.7	238.0	260.1	280.8	299.9	318.5	341.0	359.4	373.3	384.3
72.5°	245.9	273.9	301.2	327.6	358.0	387.6	416.4	444.1	468.5	486.4	500.9
70°	299.5	332.1	369.7	407.8	444.4	481.6	521.2	557.2	587.1	608.2	628.3
67.5°	354.3	400.0	444.5	490.4	542.2	589.5	632.7	678.4	718.5	745.0	768.1
65°	417.5	468.6	528.0	588.8	645.7	704.7	759.4	808.9	859.6	896.5	926.8
62.5°	478.5	550.3	620.5	691.5	763.1	827.4	898.7	962.3	1013.4	1066.1	1111.3
60°	550.9	636.3	722.3	808.0	888.1	978.2	1056.5	1130.5	1198.7	1257.5	1313.1
57.5°	623.2	733.3	835.1	935.7	1041.7	1138.1	1230.1	1312.9	1394.4	1462.5	1529.2
55°	699.2	841.0	958.5	1082.7	1199.2	1308.2	1411.6	1515.3	1602.2	1696.0	1777.6
52.5°	783.5	945.6	1097.3	1234.1	1365.5	1491.2	1614.7	1739.7	1861.7	1958.9	2051.1
50°	862.3	1055.5	1238.1	1394.2	1545.2	1694.3	1848.8	2005.0	2139.5	2250.7	2346.7
47.5°	949.1	1157.6	1389.6	1562.3	1743.5	1928.3	2115.9	2288.3	2434.9	2586.2	2692.2
45°	1033.7	1261.0	1512.7	1752.3	1961.9	2185.8	2392.4	2582.7	2795.0	2960.3	3101.9
42.5°	1110.9	1358.9	1639.1	1944.0	2206.2	2446.4	2670.0	2937.7	3181.7	3374.8	3551.6
40°	1190.4	1448.0	1754.0	2122.1	2449.7	2706.2	2978.3	3274.2	3591.7	3829.3	4040.7
37.5°	1262.9	1539.2	1859.1	2258.0	2689.5	2971.4	3272.4	3593.4	3955.3	4312.8	4566.8
35°	1327.2	1616.3	1963.5	2368.5	2810.3	3228.5	3546.9	3888.6	4284.8	4748.7	5095.5
32.5°	1385.5	1679.3	2046.2	2454.8	2903.0	3393.3	3797.1	4148.1	4545.5	5024.2	5613.2
30°	1432.9	1740.4	2107.9	2517.1	2966.6	3454.9	3967.8	4350.1	4727.3	5197.0	5745.3
27.5°	1469.0	1785.1	2150.3	2556.0	3000.6	3483.5	3976.9	4448.5	4813.7	5255.7	5754.2
25°	1496.7	1821.8	2172.8	2570.4	3005.6	3471.0	3945.7	4392.0	4801.9	5191.6	5639.0
22.5°	1519.6	1847.1	2197.5	2560.7	2982.9	3426.3	3872.7	4298.3	4695.1	5059.8	5444.7
20°	1536.8	1863.3	2209.9	2570.2	2944.8	3353.7	3780.6	4185.7	4568.9	4922.1	5235.4
17.5°	1544.5	1868.1	2209.9	2568.4	2938.4	3296.0	3667.8	4057.2	4433.8	4784.9	5094.3
15°	1543.1	1861.8	2197.7	2554.7	2919.2	3273.4	3616.0	3937.2	4287.9	4642.8	4951.1
12.5°	1532.9	1845.0	2173.8	2529.1	2887.9	3237.9	3574.3	3896.7	4211.3	4508.5	4803.3
10°	1514.3	1818.0	2138.6	2491.8	2844.6	3189.5	3521.5	3845.0	4156.3	4448.1	4722.6
7.5°	1495.2	1787.9	2096.4	2442.9	2789.4	3128.2	3457.2	3781.3	4086.6	4377.7	4654.9
5°	1470.0	1756.0	2064.1	2396.1	2730.1	3060.6	3382.6	3705.1	4002.2	4296.0	4574.3
2.5°	1438.0	1716.3	2023.5	2339.5	2663.8	2990.8	3301.9	3618.4	3923.1	4205.4	4479.6
0°	1399.7	1669.3	1974.4	2272.2	2586.2	2909.1	3208.3	3517.8	3834.8	4101.4	4369.5
-2.5°	1358.0	1613.0	1902.9	2199.1	2502.6	2819.3	3126.1	3419.5	3729.5	3999.0	4272.8
-5°	1311.3	1550.9	1823.8	2116.7	2409.3	2717.9	3030.4	3309.5	3605.6	3872.1	4141.4
-7.5°	1260.2	1483.8	1738.3	2024.1	2302.9	2594.0	2890.0	3158.5	3446.3	3709.9	3972.2
-10°	1206.2	1417.7	1655.2	1919.6	2182.3	2453.7	2731.7	2994.6	3271.4	3533.9	3786.3
-12.5°	1154.6	1352.4	1569.6	1810.0	2055.1	2305.9	2564.4	2818.2	3080.8	3344.6	3580.6
-15°	1100.4	1283.9	1481.1	1696.6	1922.3	2151.8	2389.2	2629.5	2875.9	3134.0	3351.9
-17.5°	1044.4	1212.6	1390.8	1580.7	1784.8	1992.7	2211.0	2442.8	2668.3	2903.4	3114.2
-20°	987.1	1139.3	1299.8	1463.4	1644.7	1844.1	2048.3	2256.3	2461.2	2665.9	2863.9



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	929.0	1064.4	1210.4	1354.4	1526.9	1706.8	1886.0	2066.6	2250.5	2426.7	2614.0
-25°	872.9	994.9	1123.9	1263.8	1411.9	1570.5	1724.5	1877.1	2040.1	2205.4	2366.6
-27.5°	818.8	926.4	1048.2	1173.0	1296.4	1437.5	1572.3	1701.7	1844.0	1989.7	2120.0
-30°	764.6	866.7	973.4	1084.2	1192.7	1310.5	1427.0	1540.5	1656.5	1781.3	1894.1
-32.5°	714.3	807.6	904.6	1001.7	1093.8	1185.2	1292.9	1393.7	1488.6	1577.5	1675.9
-35°	668.3	753.8	838.2	921.9	997.8	1078.1	1168.2	1253.1	1329.2	1400.6	1475.9
-37.5°	625.0	701.1	772.1	846.9	914.4	983.2	1049.5	1123.0	1184.7	1241.8	1303.5
-40°	581.5	649.6	713.5	776.0	837.8	895.3	951.9	1001.9	1051.6	1106.4	1148.9
-42.5°	538.7	601.9	659.1	707.1	765.4	814.9	858.9	900.3	940.9	983.7	1017.7
-45°	500.9	554.8	607.0	652.9	696.6	738.8	776.1	808.6	847.1	876.8	902.5
-47.5°	462.7	509.4	557.2	599.5	636.1	670.4	698.1	730.8	762.3	787.8	802.8
-50°	425.2	467.9	508.3	547.8	581.0	608.5	632.4	659.3	685.5	707.2	721.5
-52.5°	390.6	426.3	463.8	497.4	527.9	552.6	575.4	598.8	618.0	632.8	651.6
-55°	356.5	389.3	420.6	450.8	476.9	499.5	521.9	542.6	559.0	571.9	587.3
-57.5°	324.4	354.0	381.3	406.7	430.1	449.6	471.3	489.0	504.3	516.3	532.3
-60°	293.1	319.6	344.5	366.5	385.8	405.0	422.7	439.0	452.3	464.2	478.9
-62.5°	262.1	286.0	308.4	328.7	346.2	362.0	378.0	391.9	403.0	415.4	427.5
-65°	233.0	253.1	272.7	291.2	307.7	322.8	336.0	347.3	357.7	368.7	378.4
-67.5°	204.0	222.8	239.2	253.9	269.1	283.8	296.0	306.3	315.1	324.0	332.2
-70°	177.9	192.9	207.9	221.1	232.8	245.0	256.9	266.6	274.4	281.4	288.1
-72.5°	152.4	165.7	178.0	189.4	200.0	209.8	219.2	228.0	235.3	240.8	245.5
-75°	128.1	138.4	149.1	159.1	167.7	175.3	182.5	189.6	195.5	200.2	204.0
-77.5°	104.9	113.6	121.8	129.4	135.6	141.6	147.2	152.3	156.9	160.5	163.1
-80°	82.4	88.7	95.3	101.6	106.4	110.4	113.9	116.9	120.3	123.8	126.8
-82.5°	61.3	65.8	70.2	74.5	77.8	80.7	83.1	85.4	87.9	90.1	92.1
-85°	40.3	42.9	45.6	48.2	50.8	53.0	54.9	56.6	57.9	59.0	60.0
-87.5°	20.2	21.5	22.7	23.8	25.0	26.2	27.3	28.3	28.9	29.5	30.0
-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: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	23.0	23.1	23.1	23.0	22.8	21.9	20.9	19.8	18.6	19.2	19.7
85°	67.9	68.2	67.9	67.3	66.2	66.1	65.9	65.4	64.8	65.8	66.6
82.5°	127.8	128.8	128.9	128.2	126.9	127.5	127.7	127.5	126.8	127.7	128.2
80°	199.7	201.6	201.7	200.3	197.6	198.0	198.2	197.6	196.3	196.7	196.6
77.5°	284.6	289.0	290.5	289.8	287.1	286.3	284.4	280.5	274.8	274.7	274.8
75°	392.7	397.2	399.5	399.3	396.7	395.0	392.5	388.1	381.8	381.5	381.5
72.5°	512.1	518.7	521.6	524.3	524.3	523.3	520.1	513.4	503.6	502.5	503.7
70°	643.9	655.0	662.0	667.4	671.7	672.6	670.5	665.2	656.6	654.3	653.6
67.5°	790.7	808.5	821.9	830.8	839.3	845.3	847.6	845.2	838.2	835.9	836.8
65°	955.3	982.6	1005.3	1022.2	1033.6	1041.6	1048.6	1052.7	1053.8	1056.2	1059.5
62.5°	1147.5	1181.2	1212.6	1234.0	1245.0	1252.8	1275.4	1288.4	1292.1	1292.9	1297.9
60°	1362.2	1404.7	1443.9	1475.4	1500.8	1520.1	1539.3	1552.0	1556.8	1557.7	1564.6
57.5°	1596.9	1650.3	1696.2	1745.0	1779.0	1798.7	1824.4	1850.8	1864.7	1868.6	1884.9
55°	1856.6	1929.4	1989.0	2041.1	2088.7	2130.5	2165.8	2193.1	2213.2	2225.4	2246.9
52.5°	2143.8	2229.4	2291.6	2352.9	2421.0	2469.0	2500.4	2550.9	2587.4	2607.5	2633.2
50°	2459.1	2554.5	2639.3	2703.5	2782.8	2848.3	2896.1	2943.9	2977.3	2996.5	3021.4
47.5°	2818.1	2935.5	3033.9	3093.4	3185.4	3262.7	3293.8	3329.9	3392.9	3423.1	3449.7
45°	3222.2	3372.0	3481.3	3574.4	3653.5	3740.2	3797.0	3837.9	3900.0	3931.1	3950.7
42.5°	3703.0	3869.6	4013.7	4125.5	4192.0	4304.4	4386.5	4409.5	4497.4	4557.0	4574.5
40°	4242.3	4426.9	4617.0	4744.5	4851.5	4965.7	5101.0	5176.3	5250.6	5309.0	5322.2
37.5°	4804.2	5051.4	5268.4	5432.9	5609.9	5778.3	5921.7	5999.9	6048.6	6160.4	6202.1
35°	5375.5	5630.6	5934.5	6190.3	6404.7	6612.7	6776.2	6905.0	7027.7	7128.3	7188.5
32.5°	5862.0	6136.5	6511.8	6894.7	7126.2	7351.4	7620.1	7767.4	7931.0	8063.6	8160.5
30°	6261.8	6522.9	6864.4	7344.9	7661.9	7890.2	8230.2	8434.0	8612.2	8836.9	8915.1
27.5°	6280.8	6688.7	6990.8	7404.6	7880.4	8112.0	8363.7	8734.0	8846.3	9166.7	9212.9
25°	6115.9	6544.2	6854.6	7200.1	7595.7	7877.5	8107.3	8415.2	8576.4	8782.5	8940.8
22.5°	5858.1	6235.5	6552.2	6845.2	7153.8	7410.4	7620.4	7836.9	8013.9	8173.7	8322.2
20°	5573.3	5931.6	6231.9	6483.8	6728.4	6966.3	7155.2	7337.0	7490.1	7627.4	7711.9
17.5°	5372.7	5630.5	5937.4	6195.4	6407.5	6594.2	6789.6	6941.8	7076.0	7199.6	7276.8
15°	5235.8	5481.0	5699.4	5936.2	6159.7	6337.7	6484.8	6641.8	6757.9	6864.2	6947.9
12.5°	5093.7	5346.3	5574.9	5772.1	5947.0	6141.5	6298.7	6422.2	6543.9	6627.4	6713.4
10°	4975.0	5211.3	5448.4	5656.7	5840.7	6001.0	6149.8	6288.4	6397.6	6491.3	6559.0
7.5°	4906.1	5137.9	5350.9	5550.8	5730.2	5900.9	6054.5	6181.5	6289.7	6386.6	6457.6
5°	4826.2	5055.6	5268.3	5472.5	5644.9	5808.9	5961.9	6092.5	6204.6	6290.9	6358.8
2.5°	4734.5	4960.8	5173.1	5380.7	5552.9	5711.1	5855.9	5983.3	6100.1	6182.3	6240.1
0°	4630.2	4856.8	5064.2	5259.7	5433.0	5603.4	5736.7	5865.5	5979.6	6061.1	6118.8
-2.5°	4525.0	4750.1	4964.9	5152.2	5324.2	5481.5	5623.4	5745.1	5854.0	5935.1	5985.8
-5°	4385.1	4608.9	4820.8	5009.6	5189.2	5347.1	5485.0	5608.8	5713.7	5802.2	5871.0
-7.5°	4215.6	4442.0	4653.7	4846.4	5025.2	5174.4	5306.9	5431.5	5543.6	5640.2	5724.8
-10°	4029.3	4253.2	4453.2	4633.7	4800.4	4952.0	5093.0	5216.1	5318.8	5413.4	5484.7
-12.5°	3812.4	4019.7	4215.3	4393.3	4556.1	4708.0	4842.0	4959.3	5062.7	5146.6	5210.8
-15°	3573.0	3769.7	3955.0	4136.9	4307.5	4457.1	4575.0	4698.6	4788.2	4869.6	4927.4
-17.5°	3316.9	3507.1	3702.0	3884.3	4041.8	4189.3	4319.1	4432.1	4526.0	4600.7	4666.0
-20°	3057.3	3251.1	3438.6	3612.4	3763.8	3900.6	4032.0	4140.5	4236.9	4318.0	4394.6



REPORT NUMBER: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2796.6	2974.3	3150.4	3320.4	3463.6	3592.9	3707.9	3811.7	3896.8	3992.5	4060.1
-25°	2528.8	2684.5	2843.5	2993.7	3129.0	3256.2	3360.4	3451.4	3540.1	3632.5	3698.4
-27.5°	2259.7	2397.4	2526.5	2659.4	2778.0	2888.1	2984.9	3064.5	3150.6	3212.3	3284.7
-30°	1993.6	2118.5	2226.2	2318.6	2430.2	2524.7	2599.9	2679.1	2750.2	2809.1	2870.2
-32.5°	1768.3	1853.6	1939.6	2016.9	2091.1	2168.8	2229.5	2298.6	2347.3	2398.1	2447.4
-35°	1551.7	1617.5	1674.6	1746.8	1802.5	1844.7	1895.3	1946.0	1965.5	2020.7	2050.2
-37.5°	1355.6	1398.7	1452.0	1502.4	1543.7	1575.3	1620.3	1646.8	1660.8	1696.6	1715.7
-40°	1187.7	1215.0	1264.7	1299.1	1323.9	1346.8	1384.3	1401.6	1420.6	1438.4	1438.9
-42.5°	1040.0	1075.1	1108.8	1135.8	1151.5	1177.7	1195.3	1197.3	1222.0	1237.8	1240.2
-45°	919.3	954.9	981.6	1001.5	1017.1	1039.6	1051.0	1057.3	1077.5	1088.2	1092.9
-47.5°	826.5	851.4	874.5	889.8	910.4	927.0	935.4	946.0	961.4	971.3	978.3
-50°	744.9	764.6	782.2	796.2	816.7	831.5	839.5	852.5	864.1	871.2	876.8
-52.5°	673.2	690.8	703.0	716.6	733.5	746.7	756.8	769.8	779.4	785.7	790.6
-55°	606.0	622.6	634.5	649.3	661.4	670.2	678.9	691.5	701.0	707.4	711.5
-57.5°	546.7	559.2	570.8	584.3	595.9	605.5	613.2	620.2	626.3	631.6	635.7
-60°	491.2	501.4	512.1	522.6	531.3	538.2	546.5	552.9	556.9	559.3	562.7
-62.5°	437.9	447.0	456.4	465.0	471.9	477.7	484.4	489.6	493.4	496.0	498.0
-65°	387.2	395.0	403.0	410.1	416.1	421.1	425.8	429.5	432.1	434.4	436.1
-67.5°	339.7	345.9	351.5	356.4	360.9	365.2	369.4	372.2	373.7	375.5	377.3
-70°	293.9	298.8	302.6	305.5	308.2	311.6	315.5	318.3	319.9	321.7	323.3
-72.5°	249.6	253.2	256.3	258.7	260.2	262.4	265.1	267.4	269.1	270.4	271.0
-75°	207.0	209.9	212.6	214.5	215.6	217.2	218.6	219.3	219.5	220.1	220.5
-77.5°	165.4	168.2	170.8	172.5	173.6	174.9	175.9	176.5	176.6	176.7	176.3
-80°	129.1	131.1	132.7	134.0	134.8	135.7	136.2	136.3	136.0	136.3	136.4
-82.5°	93.8	95.5	97.0	98.1	98.8	99.7	100.5	101.0	101.3	101.4	101.3
-85°	60.7	61.5	62.3	63.0	63.6	64.0	64.3	64.3	64.2	64.2	64.1
-87.5°	30.3	30.0	29.5	28.9	28.2	28.4	28.5	28.6	28.6	28.9	29.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	20.2	20.6	19.2	17.8	19.2	20.6	20.2	19.7	19.2	18.6	19.8
85°	67.3	67.7	66.6	65.2	66.6	67.7	67.3	66.6	65.8	64.8	65.4
82.5°	128.4	128.2	127.2	125.9	127.2	128.2	128.4	128.2	127.7	126.8	127.5
80°	195.9	194.6	193.8	192.6	193.8	194.6	195.9	196.6	196.7	196.3	197.6
77.5°	274.1	272.6	275.1	277.0	275.1	272.6	274.1	274.8	274.7	274.8	280.5
75°	380.1	377.2	374.3	370.3	374.3	377.2	380.1	381.5	381.5	381.8	388.1
72.5°	503.1	500.8	498.5	494.7	498.5	500.8	503.1	503.7	502.5	503.6	513.4
70°	649.7	642.8	643.9	644.3	643.9	642.8	649.7	653.6	654.3	656.6	665.2
67.5°	834.2	827.9	828.7	828.0	828.7	827.9	834.2	836.8	835.9	838.2	845.2
65°	1057.5	1050.5	1042.0	1029.4	1042.0	1050.5	1057.5	1059.5	1056.2	1053.8	1052.7
62.5°	1297.3	1291.0	1294.6	1297.5	1294.6	1291.0	1297.3	1297.9	1292.9	1292.1	1288.4
60°	1563.5	1554.8	1550.4	1543.4	1550.4	1554.8	1563.5	1564.6	1557.7	1556.8	1552.0
57.5°	1892.4	1890.8	1886.9	1876.7	1886.9	1890.8	1892.4	1884.9	1868.6	1864.7	1850.8
55°	2257.0	2254.9	2263.3	2273.6	2263.3	2254.9	2257.0	2246.9	2225.4	2213.2	2193.1
52.5°	2652.1	2658.7	2656.4	2642.5	2656.4	2658.7	2652.1	2633.2	2607.5	2587.4	2550.9
50°	3043.3	3050.7	3058.7	3066.1	3058.7	3050.7	3043.3	3021.4	2996.5	2977.3	2943.9
47.5°	3486.5	3506.2	3509.7	3495.6	3509.7	3506.2	3486.5	3449.7	3423.1	3392.9	3329.9
45°	3990.1	4002.0	4008.1	4020.0	4008.1	4002.0	3990.1	3950.7	3931.1	3900.0	3837.9
42.5°	4625.0	4638.8	4641.0	4653.9	4641.0	4638.8	4625.0	4574.5	4557.0	4497.4	4409.5
40°	5378.6	5401.0	5397.1	5391.6	5397.1	5401.0	5378.6	5322.2	5309.0	5250.6	5176.3
37.5°	6260.8	6298.8	6302.8	6326.2	6302.8	6298.8	6260.8	6202.1	6160.4	6048.6	5999.9
35°	7250.9	7295.6	7287.9	7299.3	7287.9	7295.6	7250.9	7188.5	7128.3	7027.7	6905.0
32.5°	8249.6	8316.6	8330.1	8386.5	8330.1	8316.6	8249.6	8160.5	8063.6	7931.0	7767.4
30°	9034.4	9128.2	9189.5	9184.9	9189.5	9128.2	9034.4	8915.1	8836.9	8612.2	8434.0
27.5°	9359.4	9481.0	9594.9	9629.3	9594.9	9481.0	9359.4	9212.9	9166.7	8846.3	8734.0
25°	9042.2	9131.1	9231.7	9285.6	9231.7	9131.1	9042.2	8940.8	8782.5	8576.4	8415.2
22.5°	8390.6	8448.4	8482.7	8454.7	8482.7	8448.4	8390.6	8322.2	8173.7	8013.9	7836.9
20°	7799.3	7872.4	7886.0	7915.5	7886.0	7872.4	7799.3	7711.9	7627.4	7490.1	7337.0
17.5°	7359.2	7407.1	7435.2	7441.5	7435.2	7407.1	7359.2	7276.8	7199.6	7076.0	6941.8
15°	7014.3	7052.6	7077.8	7089.0	7077.8	7052.6	7014.3	6947.9	6864.2	6757.9	6641.8
12.5°	6769.8	6816.6	6839.6	6853.5	6839.6	6816.6	6769.8	6713.4	6627.4	6543.9	6422.2
10°	6613.1	6658.3	6676.4	6683.2	6676.4	6658.3	6613.1	6559.0	6491.3	6397.6	6288.4
7.5°	6500.5	6529.5	6541.8	6551.3	6541.8	6529.5	6500.5	6457.6	6386.6	6289.7	6181.5
5°	6409.7	6432.8	6445.8	6459.5	6445.8	6432.8	6409.7	6358.8	6290.9	6204.6	6092.5
2.5°	6286.1	6319.1	6342.0	6355.8	6342.0	6319.1	6286.1	6240.1	6182.3	6100.1	5983.3
0°	6164.7	6195.9	6212.1	6238.8	6212.1	6195.9	6164.7	6118.8	6061.1	5979.6	5865.5
-2.5°	6031.3	6067.3	6110.1	6151.4	6110.1	6067.3	6031.3	5985.8	5935.1	5854.0	5745.1
-5°	5929.2	5976.8	5985.7	6012.2	5985.7	5976.8	5929.2	5871.0	5802.2	5713.7	5608.8
-7.5°	5775.2	5796.9	5833.8	5840.4	5833.8	5796.9	5775.2	5724.8	5640.2	5543.6	5431.5
-10°	5537.9	5573.2	5596.2	5619.7	5596.2	5573.2	5537.9	5484.7	5413.4	5318.8	5216.1
-12.5°	5259.0	5300.5	5337.6	5332.3	5337.6	5300.5	5259.0	5210.8	5146.6	5062.7	4959.3
-15°	4987.4	5027.4	5052.9	5049.4	5052.9	5027.4	4987.4	4927.4	4869.6	4788.2	4698.6
-17.5°	4717.7	4754.3	4791.1	4790.2	4791.1	4754.3	4717.7	4666.0	4600.7	4526.0	4432.1
-20°	4439.3	4470.5	4510.0	4526.5	4510.0	4470.5	4439.3	4394.6	4318.0	4236.9	4140.5



REPORT NUMBER: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	4117.3	4157.3	4186.0	4203.6	4186.0	4157.3	4117.3	4060.1	3992.5	3896.8	3811.7
-25°	3742.1	3783.1	3804.9	3812.6	3804.9	3783.1	3742.1	3698.4	3632.5	3540.1	3451.4
-27.5°	3327.4	3373.5	3395.9	3384.5	3395.9	3373.5	3327.4	3284.7	3212.3	3150.6	3064.5
-30°	2902.3	2931.8	2935.2	2960.9	2935.2	2931.8	2902.3	2870.2	2809.1	2750.2	2679.1
-32.5°	2482.8	2502.6	2491.3	2492.9	2491.3	2502.6	2482.8	2447.4	2398.1	2347.3	2298.6
-35°	2068.5	2084.3	2087.5	2116.6	2087.5	2084.3	2068.5	2050.2	2020.7	1965.5	1946.0
-37.5°	1735.5	1741.9	1732.2	1718.2	1732.2	1741.9	1735.5	1715.7	1696.6	1660.8	1646.8
-40°	1453.0	1458.0	1454.3	1447.1	1454.3	1458.0	1453.0	1438.9	1438.4	1420.6	1401.6
-42.5°	1249.9	1249.9	1246.6	1245.7	1246.6	1249.9	1249.9	1240.2	1237.8	1222.0	1197.3
-45°	1099.8	1101.4	1101.1	1100.5	1101.1	1101.4	1099.8	1092.9	1088.2	1077.5	1057.3
-47.5°	983.3	983.6	982.1	979.1	982.1	983.6	983.3	978.3	971.3	961.4	946.0
-50°	880.2	880.2	882.2	885.8	882.2	880.2	880.2	876.8	871.2	864.1	852.5
-52.5°	793.1	792.9	794.0	795.4	794.0	792.9	793.1	790.6	785.7	779.4	769.8
-55°	713.4	713.0	711.9	709.5	711.9	713.0	713.4	711.5	707.4	701.0	691.5
-57.5°	637.2	636.3	634.4	631.0	634.4	636.3	637.2	635.7	631.6	626.3	620.2
-60°	564.6	564.9	564.0	561.4	564.0	564.9	564.6	562.7	559.3	556.9	552.9
-62.5°	498.4	497.4	497.2	496.2	497.2	497.4	498.4	498.0	496.0	493.4	489.6
-65°	436.4	435.4	435.7	435.5	435.7	435.4	436.4	436.1	434.4	432.1	429.5
-67.5°	378.0	377.7	378.0	377.7	378.0	377.7	378.0	377.3	375.5	373.7	372.2
-70°	324.3	324.4	322.7	319.9	322.7	324.4	324.3	323.3	321.7	319.9	318.3
-72.5°	270.9	270.0	270.0	269.6	270.0	270.0	270.9	271.0	270.4	269.1	267.4
-75°	220.4	219.8	221.2	222.2	221.2	219.8	220.4	220.5	220.1	219.5	219.3
-77.5°	175.5	174.2	175.3	176.3	175.3	174.2	175.5	176.3	176.7	176.6	176.5
-80°	136.2	135.8	135.4	134.8	135.4	135.8	136.2	136.4	136.3	136.0	136.3
-82.5°	100.9	100.3	99.9	99.2	99.9	100.3	100.9	101.3	101.4	101.3	101.0
-85°	63.9	63.4	64.4	65.2	64.4	63.4	63.9	64.1	64.2	64.2	64.3
-87.5°	29.3	29.5	28.8	28.1	28.8	29.5	29.3	29.2	28.9	28.6	28.6
-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: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	20.9	21.9	22.8	23.0	23.1	23.1	23.0	22.9	22.7	22.4	22.0
85°	65.9	66.1	66.2	67.3	67.9	68.2	67.9	66.7	65.1	63.1	60.6
82.5°	127.7	127.5	126.9	128.2	128.9	128.8	127.8	125.3	122.0	118.0	113.2
80°	198.2	198.0	197.6	200.3	201.7	201.6	199.7	195.2	189.3	183.2	177.1
77.5°	284.4	286.3	287.1	289.8	290.5	289.0	284.6	277.7	271.6	263.7	253.4
75°	392.5	395.0	396.7	399.3	399.5	397.2	392.7	384.3	373.3	359.4	341.0
72.5°	520.1	523.3	524.3	524.3	521.6	518.7	512.1	500.9	486.4	468.5	444.1
70°	670.5	672.6	671.7	667.4	662.0	655.0	643.9	628.3	608.2	587.1	557.2
67.5°	847.6	845.3	839.3	830.8	821.9	808.5	790.7	768.1	745.0	718.5	678.4
65°	1048.6	1041.6	1033.6	1022.2	1005.3	982.6	955.3	926.8	896.5	859.6	808.9
62.5°	1275.4	1252.8	1245.0	1234.0	1212.6	1181.2	1147.5	1111.3	1066.1	1013.4	962.3
60°	1539.3	1520.1	1500.8	1475.4	1443.9	1404.7	1362.2	1313.1	1257.5	1198.7	1130.5
57.5°	1824.4	1798.7	1779.0	1745.0	1696.2	1650.3	1596.9	1529.2	1462.5	1394.4	1312.9
55°	2165.8	2130.5	2088.7	2041.1	1989.0	1929.4	1856.6	1777.6	1696.0	1602.2	1515.3
52.5°	2500.4	2469.0	2421.0	2352.9	2291.6	2229.4	2143.8	2051.1	1958.9	1861.7	1739.7
50°	2896.1	2848.3	2782.8	2703.5	2639.3	2554.5	2459.1	2346.7	2250.7	2139.5	2005.0
47.5°	3293.8	3262.7	3185.4	3093.4	3033.9	2935.5	2818.1	2692.2	2586.2	2434.9	2288.3
45°	3797.0	3740.2	3653.5	3574.4	3481.3	3372.0	3222.2	3101.9	2960.3	2795.0	2582.7
42.5°	4386.5	4304.4	4192.0	4125.5	4013.7	3869.6	3703.0	3551.6	3374.8	3181.7	2937.7
40°	5101.0	4965.7	4851.5	4744.5	4617.0	4426.9	4242.3	4040.7	3829.3	3591.7	3274.2
37.5°	5921.7	5778.3	5609.9	5432.9	5268.4	5051.4	4804.2	4566.8	4312.8	3955.3	3593.4
35°	6776.2	6612.7	6404.7	6190.3	5934.5	5630.6	5375.5	5095.5	4748.7	4284.8	3888.6
32.5°	7620.1	7351.4	7126.2	6894.7	6511.8	6136.5	5862.0	5613.2	5024.2	4545.5	4148.1
30°	8230.2	7890.2	7661.9	7344.9	6864.4	6522.9	6261.8	5745.3	5197.0	4727.3	4350.1
27.5°	8363.7	8112.0	7880.4	7404.6	6990.8	6688.7	6280.8	5754.2	5255.7	4813.7	4448.5
25°	8107.3	7877.5	7595.7	7200.1	6854.6	6544.2	6115.9	5639.0	5191.6	4801.9	4392.0
22.5°	7620.4	7410.4	7153.8	6845.2	6552.2	6235.5	5858.1	5444.7	5059.8	4695.1	4298.3
20°	7155.2	6966.3	6728.4	6483.8	6231.9	5931.6	5573.3	5235.4	4922.1	4568.9	4185.7
17.5°	6789.6	6594.2	6407.5	6195.4	5937.4	5630.5	5372.7	5094.3	4784.9	4433.8	4057.2
15°	6484.8	6337.7	6159.7	5936.2	5699.4	5481.0	5235.8	4951.1	4642.8	4287.9	3937.2
12.5°	6298.7	6141.5	5947.0	5772.1	5574.9	5346.3	5093.7	4803.3	4508.5	4211.3	3896.7
10°	6149.8	6001.0	5840.7	5656.7	5448.4	5211.3	4975.0	4722.6	4448.1	4156.3	3845.0
7.5°	6054.5	5900.9	5730.2	5550.8	5350.9	5137.9	4906.1	4654.9	4377.7	4086.6	3781.3
5°	5961.9	5808.9	5644.9	5472.5	5268.3	5055.6	4826.2	4574.3	4296.0	4002.2	3705.1
2.5°	5855.9	5711.1	5552.9	5380.7	5173.1	4960.8	4734.5	4479.6	4205.4	3923.1	3618.4
0°	5736.7	5603.4	5433.0	5259.7	5064.2	4856.8	4630.2	4369.5	4101.4	3834.8	3517.8
-2.5°	5623.4	5481.5	5324.2	5152.2	4964.9	4750.1	4525.0	4272.8	3999.0	3729.5	3419.5
-5°	5485.0	5347.1	5189.2	5009.6	4820.8	4608.9	4385.1	4141.4	3872.1	3605.6	3309.5
-7.5°	5306.9	5174.4	5025.2	4846.4	4653.7	4442.0	4215.6	3972.2	3709.9	3446.3	3158.5
-10°	5093.0	4952.0	4800.4	4633.7	4453.2	4253.2	4029.3	3786.3	3533.9	3271.4	2994.6
-12.5°	4842.0	4708.0	4556.1	4393.3	4215.3	4019.7	3812.4	3580.6	3344.6	3080.8	2818.2
-15°	4575.0	4457.1	4307.5	4136.9	3955.0	3769.7	3573.0	3351.9	3134.0	2875.9	2629.5
-17.5°	4319.1	4189.3	4041.8	3884.3	3702.0	3507.1	3316.9	3114.2	2903.4	2668.3	2442.8
-20°	4032.0	3900.6	3763.8	3612.4	3438.6	3251.1	3057.3	2863.9	2665.9	2461.2	2256.3



REPORT NUMBER: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	3707.9	3592.9	3463.6	3320.4	3150.4	2974.3	2796.6	2614.0	2426.7	2250.5	2066.6
-25°	3360.4	3256.2	3129.0	2993.7	2843.5	2684.5	2528.8	2366.6	2205.4	2040.1	1877.1
-27.5°	2984.9	2888.1	2778.0	2659.4	2526.5	2397.4	2259.7	2120.0	1989.7	1844.0	1701.7
-30°	2599.9	2524.7	2430.2	2318.6	2226.2	2118.5	1993.6	1894.1	1781.3	1656.5	1540.5
-32.5°	2229.5	2168.8	2091.1	2016.9	1939.6	1853.6	1768.3	1675.9	1577.5	1488.6	1393.7
-35°	1895.3	1844.7	1802.5	1746.8	1674.6	1617.5	1551.7	1475.9	1400.6	1329.2	1253.1
-37.5°	1620.3	1575.3	1543.7	1502.4	1452.0	1398.7	1355.6	1303.5	1241.8	1184.7	1123.0
-40°	1384.3	1346.8	1323.9	1299.1	1264.7	1215.0	1187.7	1148.9	1106.4	1051.6	1001.9
-42.5°	1195.3	1177.7	1151.5	1135.8	1108.8	1075.1	1040.0	1017.7	983.7	940.9	900.3
-45°	1051.0	1039.6	1017.1	1001.5	981.6	954.9	919.3	902.5	876.8	847.1	808.6
-47.5°	935.4	927.0	910.4	889.8	874.5	851.4	826.5	802.8	787.8	762.3	730.8
-50°	839.5	831.5	816.7	796.2	782.2	764.6	744.9	721.5	707.2	685.5	659.3
-52.5°	756.8	746.7	733.5	716.6	703.0	690.8	673.2	651.6	632.8	618.0	598.8
-55°	678.9	670.2	661.4	649.3	634.5	622.6	606.0	587.3	571.9	559.0	542.6
-57.5°	613.2	605.5	595.9	584.3	570.8	559.2	546.7	532.3	516.3	504.3	489.0
-60°	546.5	538.2	531.3	522.6	512.1	501.4	491.2	478.9	464.2	452.3	439.0
-62.5°	484.4	477.7	471.9	465.0	456.4	447.0	437.9	427.5	415.4	403.0	391.9
-65°	425.8	421.1	416.1	410.1	403.0	395.0	387.2	378.4	368.7	357.7	347.3
-67.5°	369.4	365.2	360.9	356.4	351.5	345.9	339.7	332.2	324.0	315.1	306.3
-70°	315.5	311.6	308.2	305.5	302.6	298.8	293.9	288.1	281.4	274.4	266.6
-72.5°	265.1	262.4	260.2	258.7	256.3	253.2	249.6	245.5	240.8	235.3	228.0
-75°	218.6	217.2	215.6	214.5	212.6	209.9	207.0	204.0	200.2	195.5	189.6
-77.5°	175.9	174.9	173.6	172.5	170.8	168.2	165.4	163.1	160.5	156.9	152.3
-80°	136.2	135.7	134.8	134.0	132.7	131.1	129.1	126.8	123.8	120.3	116.9
-82.5°	100.5	99.7	98.8	98.1	97.0	95.5	93.8	92.1	90.1	87.9	85.4
-85°	64.3	64.0	63.6	63.0	62.3	61.5	60.7	60.0	59.0	57.9	56.6
-87.5°	28.5	28.4	28.2	28.9	29.5	30.0	30.3	30.0	29.5	28.9	28.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	21.5	21.0	20.3	19.6	19.1	18.5	17.8	16.9	15.4	13.9	12.4
85°	57.5	53.9	50.0	45.6	41.5	37.1	35.6	33.8	30.9	27.9	24.7
82.5°	107.2	102.0	96.6	90.6	84.0	76.9	69.5	61.6	51.9	42.6	37.0
80°	169.3	160.6	151.0	140.6	129.1	116.8	106.6	95.5	81.8	68.6	55.9
77.5°	239.9	225.1	209.2	195.6	181.5	166.2	149.8	131.4	111.4	94.3	77.9
75°	318.5	299.9	280.8	260.1	238.0	215.7	196.3	173.6	146.7	120.4	99.6
72.5°	416.4	387.6	358.0	327.6	301.2	273.9	245.9	215.3	183.6	152.7	122.6
70°	521.2	481.6	444.4	407.8	369.7	332.1	299.5	261.6	220.0	184.4	149.9
67.5°	632.7	589.5	542.2	490.4	444.5	400.0	354.3	308.4	261.8	215.6	176.6
65°	759.4	704.7	645.7	588.8	528.0	468.6	417.5	356.8	302.8	251.7	202.7
62.5°	898.7	827.4	763.1	691.5	620.5	550.3	478.5	410.2	344.2	287.0	231.9
60°	1056.5	978.2	888.1	808.0	722.3	636.3	550.9	461.8	389.8	321.3	261.7
57.5°	1230.1	1138.1	1041.7	935.7	835.1	733.3	623.2	520.8	433.7	358.7	290.3
55°	1411.6	1308.2	1199.2	1082.7	958.5	841.0	699.2	581.2	478.2	395.5	317.0
52.5°	1614.7	1491.2	1365.5	1234.1	1097.3	945.6	783.5	638.1	528.0	430.8	345.3
50°	1848.8	1694.3	1545.2	1394.2	1238.1	1055.5	862.3	706.1	574.7	466.4	372.2
47.5°	2115.9	1928.3	1743.5	1562.3	1389.6	1157.6	949.1	771.0	618.2	504.4	397.3
45°	2392.4	2185.8	1961.9	1752.3	1512.7	1261.0	1033.7	830.8	670.9	537.4	420.4
42.5°	2670.0	2446.4	2206.2	1944.0	1639.1	1358.9	1110.9	898.0	719.4	567.7	444.6
40°	2978.3	2706.2	2449.7	2122.1	1754.0	1448.0	1190.4	961.0	763.0	598.3	468.8
37.5°	3272.4	2971.4	2689.5	2258.0	1859.1	1539.2	1262.9	1017.4	802.9	631.4	490.9
35°	3546.9	3228.5	2810.3	2368.5	1963.5	1616.3	1327.2	1070.5	845.3	660.5	510.6
32.5°	3797.1	3393.3	2903.0	2454.8	2046.2	1679.3	1385.5	1117.8	881.6	685.7	528.1
30°	3967.8	3454.9	2966.6	2517.1	2107.9	1740.4	1432.9	1157.1	911.8	706.9	544.4
27.5°	3976.9	3483.5	3000.6	2556.0	2150.3	1785.1	1469.0	1188.3	935.9	726.6	561.3
25°	3945.7	3471.0	3005.6	2570.4	2172.8	1821.8	1496.7	1211.7	958.1	745.8	575.0
22.5°	3872.7	3426.3	2982.9	2560.7	2197.5	1847.1	1519.6	1231.7	976.0	760.3	585.8
20°	3780.6	3353.7	2944.8	2570.2	2209.9	1863.3	1536.8	1244.7	987.6	770.1	593.5
17.5°	3667.8	3296.0	2938.4	2568.4	2209.9	1868.1	1544.5	1250.6	993.0	775.4	598.4
15°	3616.0	3273.4	2919.2	2554.7	2197.7	1861.8	1543.1	1249.8	992.7	776.5	601.7
12.5°	3574.3	3237.9	2887.9	2529.1	2173.8	1845.0	1532.9	1242.4	986.7	776.5	604.2
10°	3521.5	3189.5	2844.6	2491.8	2138.6	1818.0	1514.3	1231.1	983.7	775.2	604.4
7.5°	3457.2	3128.2	2789.4	2442.9	2096.4	1787.9	1495.2	1218.5	977.5	770.7	602.3
5°	3382.6	3060.6	2730.1	2396.1	2064.1	1756.0	1470.0	1199.8	967.1	763.0	598.1
2.5°	3301.9	2990.8	2663.8	2339.5	2023.5	1716.3	1438.0	1175.6	952.7	752.4	591.8
0°	3208.3	2909.1	2586.2	2272.2	1974.4	1669.3	1399.7	1146.4	934.6	739.1	583.6
-2.5°	3126.1	2819.3	2502.6	2199.1	1902.9	1613.0	1358.0	1117.0	914.5	726.0	575.0
-5°	3030.4	2717.9	2409.3	2116.7	1823.8	1550.9	1311.3	1083.9	891.2	710.7	564.7
-7.5°	2890.0	2594.0	2302.9	2024.1	1738.3	1483.8	1260.2	1047.3	865.0	693.2	552.9
-10°	2731.7	2453.7	2182.3	1919.6	1655.2	1417.7	1206.2	1008.0	836.2	673.7	539.7
-12.5°	2564.4	2305.9	2055.1	1810.0	1569.6	1352.4	1154.6	969.3	805.5	652.6	525.1
-15°	2389.2	2151.8	1922.3	1696.6	1481.1	1283.9	1100.4	929.8	775.3	630.9	509.3
-17.5°	2211.0	1992.7	1784.8	1580.7	1390.8	1212.6	1044.4	888.4	743.4	609.2	493.6
-20°	2048.3	1844.1	1644.7	1463.4	1299.8	1139.3	987.1	845.2	710.1	586.3	477.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1886.0	1706.8	1526.9	1354.4	1210.4	1064.4	929.0	800.7	675.7	562.4	460.5
-25°	1724.5	1570.5	1411.9	1263.8	1123.9	994.9	872.9	755.2	640.4	537.7	442.4
-27.5°	1572.3	1437.5	1296.4	1173.0	1048.2	926.4	818.8	711.9	606.1	512.3	423.4
-30°	1427.0	1310.5	1192.7	1084.2	973.4	866.7	764.6	668.8	574.9	487.7	403.4
-32.5°	1292.9	1185.2	1093.8	1001.7	904.6	807.6	714.3	625.9	543.6	463.3	384.8
-35°	1168.2	1078.1	997.8	921.9	838.2	753.8	668.3	583.4	512.3	438.1	366.4
-37.5°	1049.5	983.2	914.4	846.9	772.1	701.1	625.0	548.3	481.1	412.2	347.6
-40°	951.9	895.3	837.8	776.0	713.5	649.6	581.5	515.1	450.7	385.8	328.5
-42.5°	858.9	814.9	765.4	707.1	659.1	601.9	538.7	481.2	421.3	362.0	309.2
-45°	776.1	738.8	696.6	652.9	607.0	554.8	500.9	447.1	391.8	339.6	290.5
-47.5°	698.1	670.4	636.1	599.5	557.2	509.4	462.7	414.6	362.4	317.2	272.6
-50°	632.4	608.5	581.0	547.8	508.3	467.9	425.2	382.1	337.7	295.2	254.3
-52.5°	575.4	552.6	527.9	497.4	463.8	426.3	390.6	350.3	312.5	273.8	235.6
-55°	521.9	499.5	476.9	450.8	420.6	389.3	356.5	322.2	286.9	252.5	217.0
-57.5°	471.3	449.6	430.1	406.7	381.3	354.0	324.4	293.6	262.4	230.9	200.4
-60°	422.7	405.0	385.8	366.5	344.5	319.6	293.1	265.5	238.1	209.5	183.6
-62.5°	378.0	362.0	346.2	328.7	308.4	286.0	262.1	238.6	213.5	190.3	166.6
-65°	336.0	322.8	307.7	291.2	272.7	253.1	233.0	211.5	191.3	170.9	149.5
-67.5°	296.0	283.8	269.1	253.9	239.2	222.8	204.0	186.8	169.6	151.2	132.6
-70°	256.9	245.0	232.8	221.1	207.9	192.9	177.9	162.9	147.7	132.4	115.6
-72.5°	219.2	209.8	200.0	189.4	178.0	165.7	152.4	139.4	127.2	113.6	98.5
-75°	182.5	175.3	167.7	159.1	149.1	138.4	128.1	117.6	106.8	94.7	83.3
-77.5°	147.2	141.6	135.6	129.4	121.8	113.6	104.9	95.8	87.0	78.2	68.8
-80°	113.9	110.4	106.4	101.6	95.3	88.7	82.4	75.9	69.2	61.9	54.1
-82.5°	83.1	80.7	77.8	74.5	70.2	65.8	61.3	56.6	51.3	45.5	39.9
-85°	54.9	53.0	50.8	48.2	45.6	42.9	40.3	37.5	33.9	30.3	26.7
-87.5°	27.3	26.2	25.0	23.8	22.7	21.5	20.2	18.8	17.0	15.2	13.3
-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°	10.7	9.1	7.3	5.6	3.7	1.8	0.0
85°	21.5	18.1	14.7	11.1	7.5	3.7	0.0
82.5°	32.2	27.1	22.0	16.6	11.2	5.5	0.0
80°	43.7	36.1	29.2	22.2	14.9	7.3	0.0
77.5°	62.1	47.1	36.4	27.6	18.6	9.1	0.0
75°	80.2	61.7	44.3	33.0	22.2	10.9	0.0
72.5°	98.1	76.2	55.5	38.4	25.8	12.7	0.0
70°	116.3	90.3	66.5	44.2	29.3	14.4	0.0
67.5°	138.5	104.2	77.3	52.0	32.8	16.1	0.0
65°	160.0	119.6	87.8	59.7	36.2	17.8	0.0
62.5°	180.9	136.3	98.0	67.2	39.5	19.5	0.0
60°	201.0	152.5	108.0	74.5	42.8	21.1	0.0
57.5°	223.8	168.1	119.9	81.5	47.3	22.6	0.0
55°	245.9	182.9	131.5	88.3	51.8	24.2	0.0
52.5°	266.8	197.6	142.5	94.9	56.1	25.6	0.0
50°	286.5	213.6	153.1	101.2	60.3	27.0	0.0
47.5°	305.2	228.6	163.0	107.5	64.3	28.4	0.0
45°	324.8	242.7	172.4	114.5	68.1	29.7	0.0
42.5°	342.9	255.7	181.2	121.1	71.7	31.0	0.0
40°	359.4	267.7	190.1	127.4	75.2	32.2	0.0
37.5°	374.2	278.6	199.0	133.3	78.5	33.3	0.0
35°	387.4	289.4	207.1	138.9	81.6	34.3	0.0
32.5°	400.1	299.6	214.5	144.1	84.5	35.3	0.0
30°	413.8	308.5	221.0	148.8	87.2	36.3	0.0
27.5°	425.6	316.2	227.2	153.2	89.7	37.1	0.0
25°	435.5	322.7	232.7	157.1	92.0	37.9	0.0
22.5°	443.7	328.3	237.5	160.7	94.0	38.6	0.0
20°	450.0	333.9	241.4	163.8	95.8	39.2	0.0
17.5°	455.7	338.5	244.6	166.5	97.4	39.8	0.0
15°	460.3	342.2	247.1	168.7	98.8	40.3	0.0
12.5°	463.1	344.8	248.8	170.5	100.0	40.7	0.0
10°	464.2	346.5	249.8	171.9	100.9	41.0	0.0
7.5°	463.7	347.2	250.2	172.9	101.5	41.2	0.0
5°	461.6	347.0	249.9	173.4	102.0	41.4	0.0
2.5°	458.1	345.8	248.9	173.6	102.2	41.5	0.0
0°	453.2	343.6	247.4	173.3	102.2	41.5	0.0
-2.5°	448.0	340.4	246.2	172.5	102.0	41.6	0.0
-5°	441.6	336.2	244.4	171.3	101.5	41.5	0.0
-7.5°	434.0	331.3	242.1	169.7	100.8	41.4	0.0
-10°	425.3	325.6	239.2	167.8	99.9	41.2	0.0
-12.5°	415.5	319.2	235.8	165.4	98.7	41.0	0.0
-15°	404.8	312.1	231.9	162.8	97.4	40.6	0.0
-17.5°	393.1	304.5	227.4	159.7	95.9	40.2	0.0
-20°	381.0	296.3	222.4	156.3	94.1	39.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	368.8	287.6	217.0	152.6	92.2	39.1	0.0
-25°	355.9	278.9	211.0	148.6	90.1	38.5	0.0
-27.5°	342.4	269.9	204.6	144.3	87.8	37.7	0.0
-30°	328.3	260.3	197.7	139.7	85.4	36.9	0.0
-32.5°	313.6	250.1	190.6	134.8	82.8	36.0	0.0
-35°	299.8	239.4	183.2	129.7	80.0	35.0	0.0
-37.5°	286.2	228.7	175.4	124.3	77.1	34.0	0.0
-40°	272.2	218.3	167.2	118.6	74.1	32.9	0.0
-42.5°	257.6	207.7	159.1	112.8	70.9	31.7	0.0
-45°	242.6	196.7	151.0	106.8	67.5	30.4	0.0
-47.5°	227.2	185.3	142.7	100.5	64.1	29.1	0.0
-50°	213.1	173.8	134.1	94.9	60.5	27.8	0.0
-52.5°	199.1	161.9	125.2	89.4	56.9	26.3	0.0
-55°	184.8	150.4	116.0	83.7	53.1	24.8	0.0
-57.5°	170.3	138.8	106.7	77.9	49.2	23.3	0.0
-60°	155.6	127.0	97.2	71.9	45.3	21.7	0.0
-62.5°	141.3	114.9	89.1	65.8	41.9	20.1	0.0
-65°	126.8	102.6	80.9	59.6	38.4	18.4	0.0
-67.5°	112.0	91.2	72.6	53.3	34.8	16.7	0.0
-70°	97.1	80.7	64.1	46.8	31.2	14.9	0.0
-72.5°	84.2	70.1	55.5	41.0	27.5	13.1	0.0
-75°	71.6	59.4	46.8	35.3	23.7	11.3	0.0
-77.5°	58.8	48.6	38.9	29.5	19.8	9.4	0.0
-80°	46.0	38.6	31.2	23.7	15.9	7.6	0.0
-82.5°	34.4	29.0	23.5	17.8	12.0	5.7	0.0
-85°	23.0	19.4	15.7	11.9	8.0	3.8	0.0
-87.5°	11.5	9.7	7.8	5.9	4.0	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)