

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: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558882 (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-SA4B-927-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

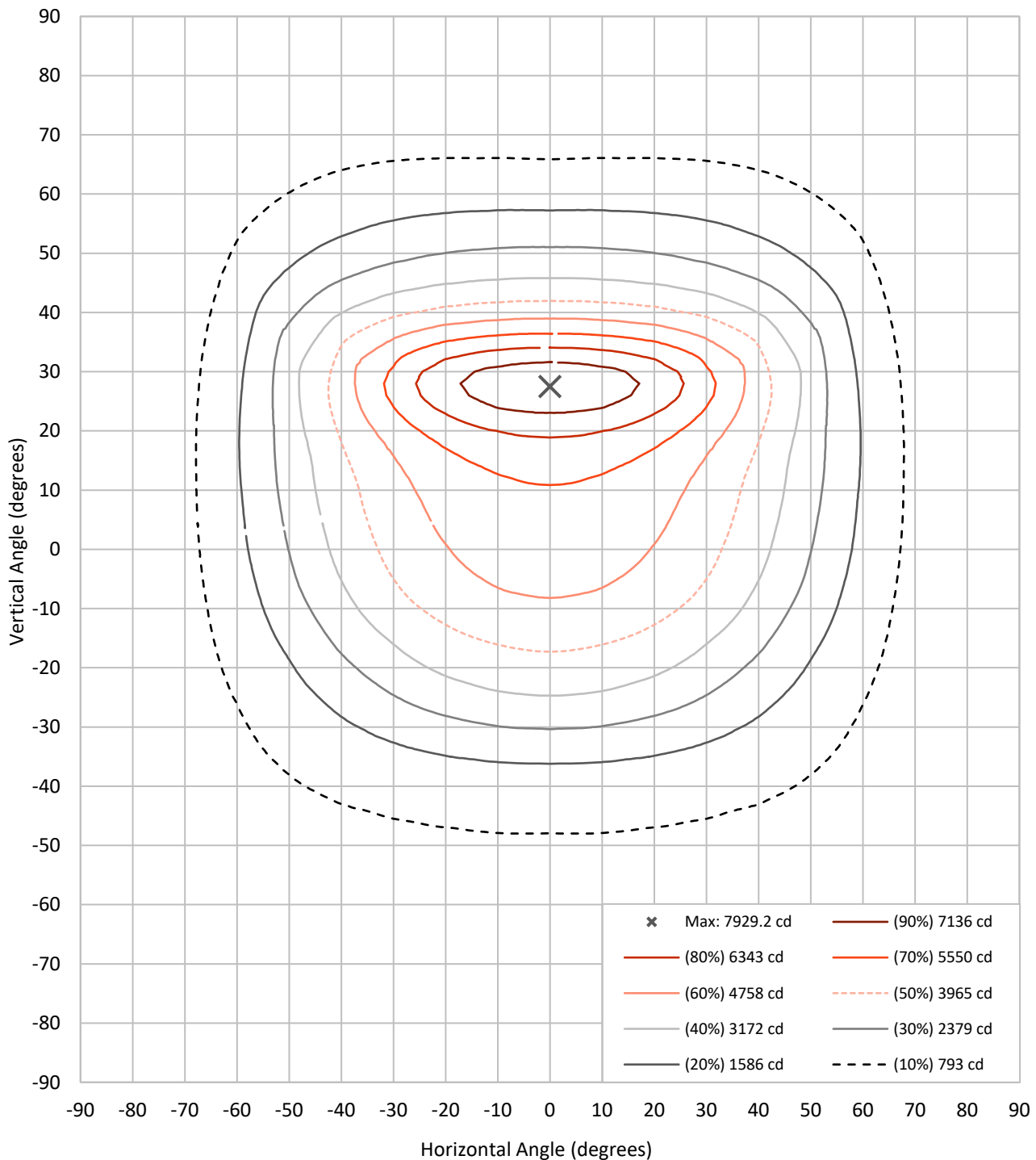
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11559.4 lumens	Max Intensity:	7929.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	91.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6007.5 lumens	Field Lumens:	10693.5 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	126		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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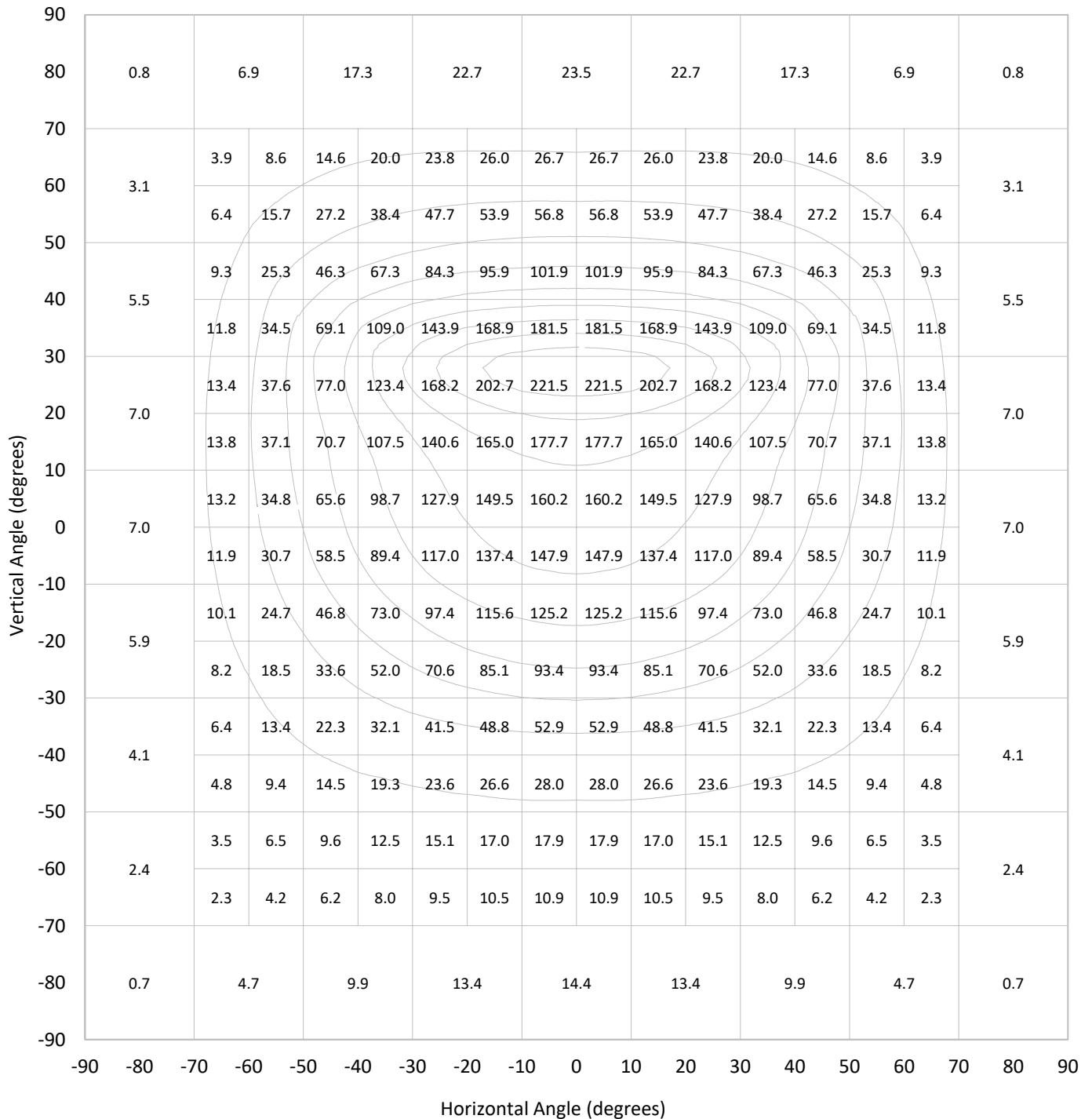
Iso-Candela Plot





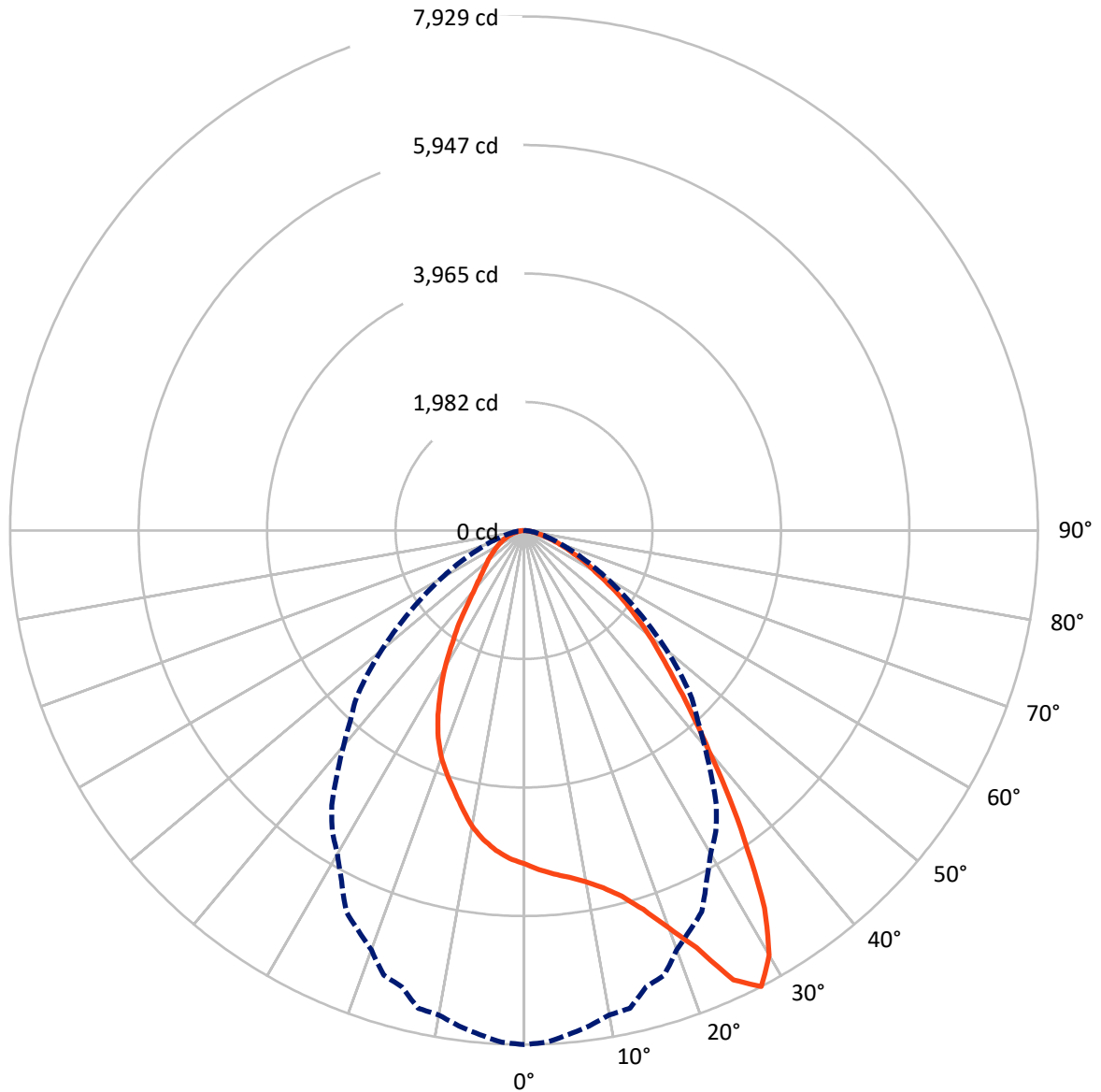
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Lumen Table



REPORT NUMBER: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
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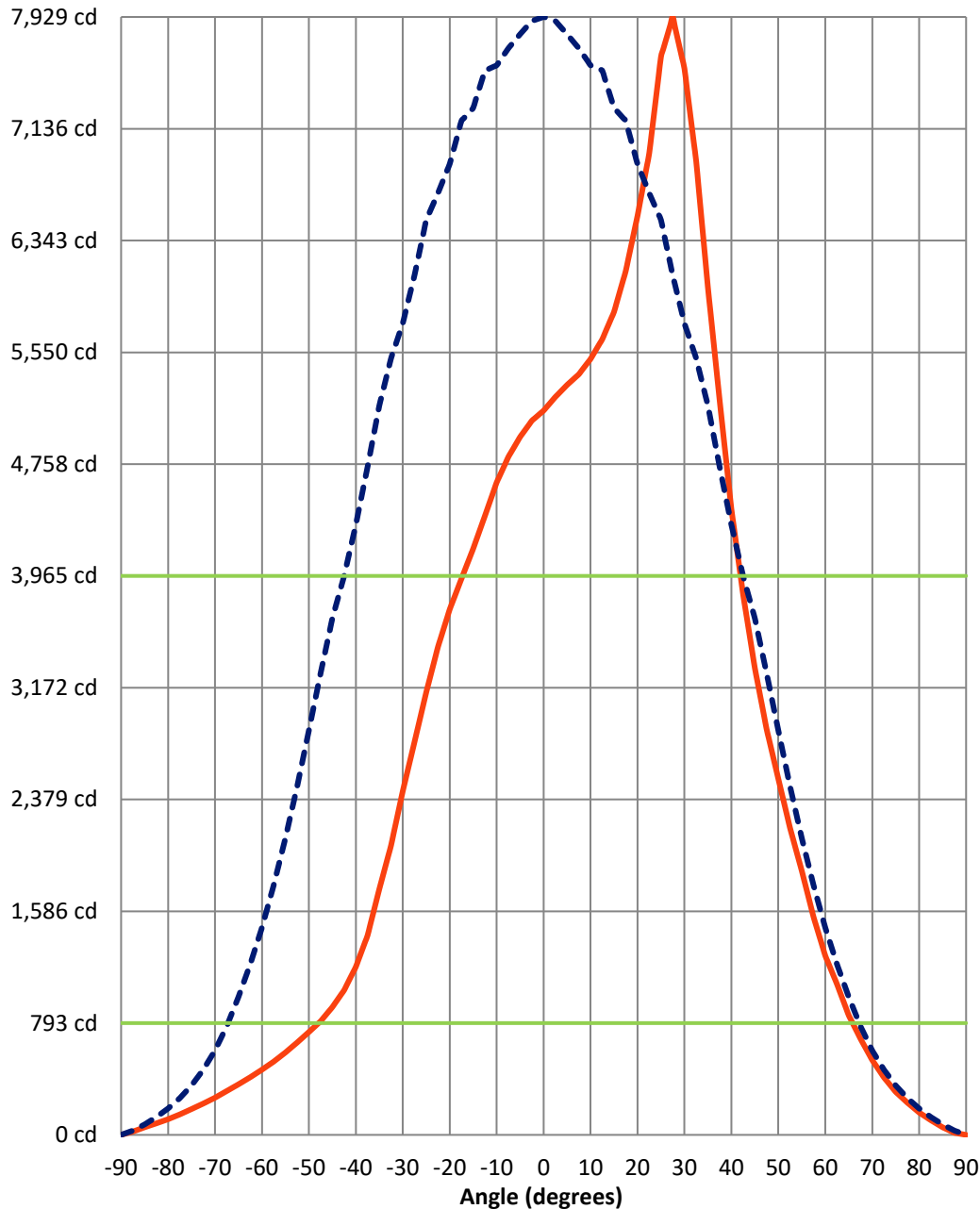
Luminous Intensity Polar Plot



— 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: 6007.5
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 10693.5
 Efficiency: 92.5%

Spill:
 Lumens: 866
 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	1.5	3.1	4.6	6.0	7.5	8.8	10.2	11.5	12.7	13.9
85°	0.0	3.0	6.2	9.2	12.1	14.9	17.7	20.4	22.9	25.4	27.8
82.5°	0.0	4.5	9.2	13.7	18.1	22.3	26.5	30.5	35.1	42.7	50.7
80°	0.0	6.0	12.3	18.2	24.1	29.7	36.0	46.0	56.5	67.3	78.6
77.5°	0.0	7.5	15.3	22.7	30.0	38.8	51.1	64.1	77.6	91.7	108.1
75°	0.0	9.0	18.3	27.2	36.5	50.8	66.1	82.0	99.1	120.8	143.0
72.5°	0.0	10.5	21.2	31.6	45.7	62.7	80.7	100.9	125.7	151.2	177.3
70°	0.0	11.9	24.1	36.4	54.8	74.3	95.7	123.4	151.9	181.2	215.4
67.5°	0.0	13.3	27.0	42.8	63.6	85.7	114.0	145.5	177.6	215.6	254.0
65°	0.0	14.7	29.8	49.2	72.3	98.4	131.8	167.0	207.3	249.3	293.8
62.5°	0.0	16.0	32.5	55.3	80.7	112.2	149.0	191.0	236.4	283.4	337.8
60°	0.0	17.4	35.2	61.3	88.9	125.6	165.6	215.5	264.6	320.9	380.3
57.5°	0.0	18.6	39.0	67.1	98.7	138.4	184.3	239.1	295.3	357.1	428.8
55°	0.0	19.9	42.6	72.7	108.2	150.7	202.5	261.0	325.7	393.7	478.5
52.5°	0.0	21.1	46.2	78.1	117.4	162.7	219.7	284.3	354.7	434.7	525.4
50°	0.0	22.3	49.6	83.3	126.0	175.9	235.9	306.5	384.0	473.2	581.4
47.5°	0.0	23.4	52.9	88.5	134.2	188.3	251.4	327.1	415.3	509.0	634.9
45°	0.0	24.5	56.1	94.2	142.0	199.9	267.5	346.1	442.5	552.4	684.1
42.5°	0.0	25.5	59.1	99.7	149.2	210.6	282.4	366.1	467.5	592.4	739.4
40°	0.0	26.5	61.9	104.9	156.5	220.4	295.9	386.1	492.7	628.3	791.3
37.5°	0.0	27.4	64.7	109.8	163.9	229.4	308.2	404.2	519.9	661.2	837.8
35°	0.0	28.3	67.2	114.4	170.6	238.3	319.0	420.5	543.9	696.1	881.5
32.5°	0.0	29.1	69.6	118.6	176.6	246.7	329.5	434.9	564.6	726.0	920.5
30°	0.0	29.9	71.8	122.5	182.0	254.1	340.8	448.3	582.1	750.8	952.8
27.5°	0.0	30.6	73.9	126.1	187.1	260.4	350.5	462.2	598.3	770.7	978.5
25°	0.0	31.2	75.7	129.4	191.7	265.7	358.7	473.5	614.1	788.9	997.8
22.5°	0.0	31.8	77.4	132.3	195.6	270.4	365.4	482.3	626.0	803.7	1014.3
20°	0.0	32.3	78.9	134.9	198.8	275.0	370.6	488.7	634.1	813.2	1024.9
17.5°	0.0	32.8	80.3	137.1	201.4	278.8	375.3	492.7	638.5	817.7	1029.8
15°	0.0	33.2	81.4	138.9	203.5	281.8	379.0	495.5	639.4	817.4	1029.2
12.5°	0.0	33.5	82.3	140.4	204.9	284.0	381.4	497.5	639.4	812.5	1023.0
10°	0.0	33.8	83.1	141.6	205.7	285.4	382.3	497.7	638.4	810.1	1013.7
7.5°	0.0	34.0	83.7	142.4	206.0	286.0	381.9	496.0	634.6	804.9	1003.4
5°	0.0	34.1	84.0	142.8	205.7	285.8	380.2	492.5	628.3	796.4	988.0
2.5°	0.0	34.2	84.2	142.9	205.0	284.8	377.2	487.3	619.5	784.5	968.0
0°	0.0	34.2	84.2	142.7	203.7	283.0	373.2	480.6	608.6	769.6	944.0
-2.5°	0.0	34.2	84.0	142.1	202.7	280.3	368.9	473.5	597.9	753.0	919.8
-5°	0.0	34.2	83.6	141.1	201.3	276.9	363.6	465.1	585.2	733.8	892.5
-7.5°	0.0	34.1	83.0	139.8	199.4	272.8	357.4	455.3	570.8	712.2	862.5
-10°	0.0	34.0	82.3	138.2	197.0	268.1	350.2	444.4	554.8	688.5	830.0
-12.5°	0.0	33.8	81.3	136.2	194.2	262.8	342.2	432.4	537.4	663.2	798.2
-15°	0.0	33.5	80.2	134.0	190.9	257.0	333.3	419.4	519.5	638.4	765.7
-17.5°	0.0	33.1	79.0	131.5	187.3	250.7	323.7	406.5	501.7	612.1	731.5
-20°	0.0	32.7	77.6	128.7	183.2	244.0	313.7	393.3	482.8	584.7	696.0



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 CATALOG NUMBER: GFLD-SA4B-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	32.2	76.0	125.7	178.7	236.8	303.7	379.2	463.2	556.4	659.3
-25°	0.0	31.7	74.2	122.4	173.8	229.7	293.1	364.3	442.8	527.3	621.8
-27.5°	0.0	31.1	72.4	118.8	168.5	222.2	281.9	348.6	421.8	499.1	586.2
-30°	0.0	30.4	70.3	115.0	162.8	214.3	270.3	332.2	401.6	473.4	550.7
-32.5°	0.0	29.7	68.2	111.0	157.0	206.0	258.2	316.8	381.5	447.6	515.4
-35°	0.0	28.9	65.9	106.8	150.9	197.2	246.9	301.7	360.7	421.8	480.4
-37.5°	0.0	28.0	63.5	102.3	144.4	188.3	235.7	286.3	339.4	396.1	451.5
-40°	0.0	27.1	61.0	97.7	137.7	179.8	224.1	270.6	317.7	371.1	424.1
-42.5°	0.0	26.1	58.4	92.9	131.0	171.0	212.1	254.6	298.1	346.9	396.2
-45°	0.0	25.1	55.6	87.9	124.4	162.0	199.8	239.2	279.7	322.7	368.1
-47.5°	0.0	24.0	52.8	82.8	117.5	152.7	187.1	224.5	261.3	298.4	341.3
-50°	0.0	22.9	49.9	78.2	110.4	143.1	175.5	209.4	243.1	278.1	314.7
-52.5°	0.0	21.7	46.8	73.6	103.1	133.4	164.0	194.1	225.5	257.4	288.5
-55°	0.0	20.5	43.7	69.0	95.6	123.9	152.2	178.7	208.0	236.3	265.3
-57.5°	0.0	19.2	40.5	64.2	87.9	114.3	140.2	165.1	190.1	216.1	241.8
-60°	0.0	17.9	37.3	59.2	80.0	104.6	128.2	151.3	172.6	196.1	218.6
-62.5°	0.0	16.5	34.5	54.2	73.4	94.6	116.4	137.2	156.8	175.8	196.5
-65°	0.0	15.1	31.6	49.1	66.6	84.5	104.4	123.1	140.7	157.5	174.2
-67.5°	0.0	13.7	28.7	43.9	59.8	75.1	92.3	109.2	124.6	139.6	153.8
-70°	0.0	12.3	25.7	38.6	52.8	66.5	80.0	95.2	109.1	121.6	134.2
-72.5°	0.0	10.8	22.6	33.8	45.7	57.8	69.4	81.1	93.5	104.8	114.8
-75°	0.0	9.3	19.5	29.1	38.5	49.0	59.0	68.6	78.0	87.9	96.8
-77.5°	0.0	7.8	16.3	24.3	32.1	40.1	48.5	56.7	64.4	71.6	78.9
-80°	0.0	6.2	13.1	19.5	25.7	31.8	37.9	44.6	51.0	57.0	62.5
-82.5°	0.0	4.7	9.8	14.6	19.3	23.9	28.4	32.9	37.5	42.2	46.6
-85°	0.0	3.1	6.6	9.8	12.9	16.0	18.9	22.0	25.0	28.0	30.9
-87.5°	0.0	1.6	3.3	4.9	6.5	8.0	9.5	11.0	12.5	14.0	15.5
-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: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	14.6	15.3	15.7	16.1	16.7	17.3	17.7	18.1	18.4	18.7	18.9
85°	29.3	30.5	34.2	37.6	41.2	44.4	47.3	49.9	51.9	53.6	55.0
82.5°	57.2	63.3	69.1	74.6	79.6	84.0	88.3	93.2	97.2	100.5	103.2
80°	87.8	96.1	106.3	115.8	124.4	132.2	139.4	145.8	150.9	155.9	160.8
77.5°	123.4	136.9	149.5	161.1	172.3	185.4	197.5	208.7	217.2	223.7	228.6
75°	161.7	177.7	196.1	214.2	231.3	247.0	262.3	280.9	296.0	307.4	316.5
72.5°	202.5	225.6	248.0	269.8	294.9	319.2	342.8	365.7	385.8	400.5	412.5
70°	246.7	273.5	304.5	335.8	365.9	396.5	429.1	458.8	483.4	500.8	517.3
67.5°	291.8	329.4	366.0	403.8	446.5	485.4	521.0	558.6	591.7	613.5	632.6
65°	343.8	385.8	434.8	484.8	531.8	580.3	625.4	666.1	707.8	738.2	763.1
62.5°	394.0	453.1	510.9	569.5	628.4	681.3	740.0	792.4	834.4	877.9	915.1
60°	453.6	523.9	594.7	665.3	731.3	805.6	870.0	930.9	987.0	1035.5	1081.3
57.5°	513.1	603.8	687.7	770.5	857.8	937.2	1012.9	1081.1	1148.3	1204.4	1259.3
55°	575.7	692.5	789.2	891.5	987.5	1077.2	1162.3	1247.8	1319.3	1396.6	1463.8
52.5°	645.1	778.6	903.6	1016.2	1124.4	1227.9	1329.6	1432.5	1533.0	1613.1	1689.0
50°	710.1	869.1	1019.4	1148.0	1272.4	1395.2	1522.4	1651.0	1761.8	1853.3	1932.4
47.5°	781.6	953.2	1144.2	1286.4	1435.6	1587.9	1742.4	1884.4	2005.0	2129.6	2216.9
45°	851.2	1038.3	1245.6	1442.9	1615.5	1799.9	1970.1	2126.7	2301.5	2437.6	2554.3
42.5°	914.8	1119.0	1349.7	1600.8	1816.7	2014.5	2198.7	2419.0	2619.9	2779.0	2924.5
40°	980.2	1192.4	1444.3	1747.4	2017.2	2228.4	2452.5	2696.1	2957.5	3153.3	3327.3
37.5°	1040.0	1267.4	1530.9	1859.3	2214.7	2446.8	2694.6	2958.9	3257.0	3551.4	3760.6
35°	1092.9	1331.0	1616.8	1950.4	2314.2	2658.5	2920.6	3202.1	3528.3	3910.3	4195.9
32.5°	1140.9	1382.8	1684.9	2021.4	2390.4	2794.2	3126.8	3415.8	3743.0	4137.2	4622.2
30°	1180.0	1433.1	1735.7	2072.7	2442.8	2845.0	3267.3	3582.1	3892.7	4279.5	4730.9
27.5°	1209.7	1469.9	1770.7	2104.7	2470.9	2868.6	3274.8	3663.1	3963.8	4327.8	4738.3
25°	1232.4	1500.1	1789.2	2116.6	2475.0	2858.2	3249.1	3616.6	3954.2	4275.0	4643.4
22.5°	1251.3	1521.0	1809.5	2108.6	2456.3	2821.4	3189.0	3539.4	3866.2	4166.5	4483.5
20°	1265.4	1534.3	1819.7	2116.5	2424.9	2761.6	3113.2	3446.7	3762.3	4053.2	4311.1
17.5°	1271.8	1538.2	1819.7	2115.0	2419.7	2714.2	3020.2	3340.9	3651.1	3940.1	4194.9
15°	1270.7	1533.1	1809.7	2103.7	2403.8	2695.6	2977.5	3242.0	3530.9	3823.1	4077.0
12.5°	1262.3	1519.2	1790.0	2082.6	2378.1	2666.3	2943.2	3208.8	3467.8	3712.5	3955.2
10°	1246.9	1497.1	1761.1	2051.9	2342.4	2626.4	2899.8	3166.2	3422.5	3662.7	3888.8
7.5°	1231.2	1472.2	1726.3	2011.6	2297.0	2576.0	2846.8	3113.7	3365.1	3604.8	3833.1
5°	1210.5	1445.9	1699.8	1973.1	2248.2	2520.3	2785.4	3051.0	3295.6	3537.5	3766.7
2.5°	1184.1	1413.3	1666.3	1926.4	2193.5	2462.8	2718.9	2979.6	3230.5	3462.9	3688.7
0°	1152.6	1374.6	1625.9	1871.0	2129.6	2395.5	2641.9	2896.8	3157.8	3377.3	3598.1
-2.5°	1118.3	1328.3	1567.0	1810.9	2060.8	2321.6	2574.1	2815.8	3071.1	3293.0	3518.5
-5°	1079.8	1277.1	1501.9	1743.0	1983.9	2238.1	2495.4	2725.2	2969.0	3188.5	3410.2
-7.5°	1037.7	1221.9	1431.4	1666.8	1896.3	2136.0	2379.7	2600.8	2837.9	3054.9	3270.9
-10°	993.3	1167.4	1363.0	1580.7	1797.0	2020.5	2249.4	2465.9	2693.8	2910.0	3117.8
-12.5°	950.8	1113.7	1292.5	1490.4	1692.3	1898.8	2111.6	2320.6	2536.9	2754.1	2948.3
-15°	906.2	1057.2	1219.6	1397.0	1582.9	1771.9	1967.4	2165.2	2368.1	2580.7	2760.1
-17.5°	860.1	998.6	1145.3	1301.6	1469.7	1640.9	1820.6	2011.5	2197.2	2390.8	2564.4
-20°	812.9	938.2	1070.3	1205.1	1354.4	1518.5	1686.6	1857.9	2026.7	2195.3	2358.3



REPORT NUMBER: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	765.0	876.5	996.7	1115.3	1257.4	1405.5	1553.0	1701.7	1853.2	1998.3	2152.5
-25°	718.8	819.2	925.4	1040.7	1162.6	1293.2	1420.0	1545.7	1680.0	1816.0	1948.8
-27.5°	674.3	762.9	863.1	965.9	1067.5	1183.7	1294.7	1401.2	1518.4	1638.4	1745.6
-30°	629.6	713.8	801.6	892.7	982.1	1079.2	1175.1	1268.6	1364.0	1466.8	1559.7
-32.5°	588.2	665.0	744.9	824.8	900.7	975.9	1064.6	1147.7	1225.8	1299.0	1380.1
-35°	550.4	620.8	690.2	759.2	821.7	887.8	961.9	1031.9	1094.6	1153.4	1215.4
-37.5°	514.6	577.3	635.8	697.4	753.0	809.7	864.2	924.7	975.6	1022.6	1073.4
-40°	478.8	534.9	587.6	639.0	690.0	737.3	783.8	825.0	865.9	911.1	946.1
-42.5°	443.5	495.6	542.8	582.2	630.3	671.1	707.2	741.3	774.7	810.0	838.0
-45°	412.4	456.8	499.8	537.6	573.6	608.4	639.1	665.9	697.5	721.9	743.1
-47.5°	381.0	419.4	458.8	493.7	523.8	552.1	574.9	601.8	627.7	648.7	661.1
-50°	350.1	385.2	418.5	451.1	478.4	501.1	520.8	542.9	564.5	582.3	594.1
-52.5°	321.6	351.0	381.8	409.6	434.7	455.1	473.8	493.1	508.9	521.1	536.6
-55°	293.5	320.6	346.3	371.2	392.7	411.3	429.7	446.8	460.3	470.9	483.7
-57.5°	267.1	291.5	314.0	334.9	354.2	370.1	388.1	402.7	415.3	425.1	438.3
-60°	241.4	263.2	283.6	301.8	317.7	333.5	348.0	361.5	372.4	382.3	394.3
-62.5°	215.8	235.5	253.9	270.6	285.0	298.1	311.3	322.7	331.8	342.0	352.0
-65°	191.8	208.4	224.5	239.8	253.4	265.8	276.7	285.9	294.5	303.5	311.6
-67.5°	168.0	183.4	196.9	209.0	221.6	233.6	243.7	252.2	259.5	266.8	273.5
-70°	146.5	158.9	171.2	182.1	191.6	201.7	211.5	219.5	226.0	231.7	237.2
-72.5°	125.5	136.4	146.6	156.0	164.7	172.7	180.4	187.7	193.8	198.3	202.2
-75°	105.5	114.0	122.8	131.0	138.1	144.3	150.2	156.0	160.9	164.8	168.0
-77.5°	86.4	93.5	100.3	106.6	111.7	116.6	121.2	125.4	129.2	132.1	134.2
-80°	67.8	73.0	78.5	83.6	87.6	90.9	93.9	96.4	99.1	102.0	104.5
-82.5°	50.5	54.2	57.9	61.4	64.1	66.4	68.5	70.4	72.4	74.2	75.8
-85°	33.2	35.4	37.6	39.8	41.8	43.7	45.2	46.6	47.7	48.6	49.4
-87.5°	16.6	17.7	18.7	19.6	20.6	21.6	22.4	23.3	23.8	24.3	24.7
-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: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	19.0	19.0	19.0	18.9	18.8	18.0	17.2	16.3	15.4	15.8	16.2
85°	55.9	56.1	55.9	55.4	54.5	54.4	54.3	53.9	53.4	54.2	54.9
82.5°	105.2	106.0	106.1	105.6	104.5	105.0	105.2	105.0	104.4	105.1	105.6
80°	164.5	166.0	166.1	165.0	162.7	163.0	163.2	162.7	161.6	161.9	161.9
77.5°	234.3	237.9	239.2	238.7	236.4	235.7	234.2	230.9	226.3	226.2	226.3
75°	323.3	327.1	329.0	328.9	326.7	325.3	323.3	319.6	314.4	314.1	314.2
72.5°	421.7	427.1	429.5	431.7	431.7	430.9	428.3	422.8	414.7	413.7	414.7
70°	530.3	539.4	545.2	549.6	553.1	553.8	552.1	547.7	540.6	538.8	538.2
67.5°	651.2	665.8	676.8	684.2	691.1	696.1	698.0	696.0	690.3	688.4	689.1
65°	786.6	809.2	827.8	841.8	851.1	857.7	863.5	866.9	867.7	869.7	872.4
62.5°	945.0	972.7	998.5	1016.2	1025.3	1031.7	1050.2	1060.9	1064.0	1064.7	1068.8
60°	1121.7	1156.7	1189.0	1215.0	1235.9	1251.8	1267.6	1278.1	1282.0	1282.8	1288.4
57.5°	1315.1	1359.0	1396.8	1437.0	1465.0	1481.2	1502.3	1524.1	1535.5	1538.7	1552.1
55°	1528.9	1588.8	1637.8	1680.8	1719.9	1754.3	1783.4	1805.9	1822.5	1832.5	1850.2
52.5°	1765.3	1835.8	1887.0	1937.4	1993.5	2033.1	2059.0	2100.5	2130.6	2147.1	2168.3
50°	2024.9	2103.4	2173.3	2226.2	2291.4	2345.4	2384.8	2424.1	2451.7	2467.4	2487.9
47.5°	2320.5	2417.2	2498.3	2547.3	2623.0	2686.6	2712.3	2742.0	2793.8	2818.8	2840.6
45°	2653.3	2776.6	2866.7	2943.4	3008.5	3079.8	3126.6	3160.4	3211.4	3237.1	3253.2
42.5°	3049.3	3186.5	3305.1	3397.2	3451.9	3544.5	3612.0	3631.0	3703.3	3752.4	3766.9
40°	3493.4	3645.4	3801.9	3906.9	3995.0	4089.0	4200.4	4262.4	4323.6	4371.7	4382.6
37.5°	3956.1	4159.6	4338.2	4473.8	4619.5	4758.1	4876.2	4940.6	4980.8	5072.8	5107.1
35°	4426.5	4636.5	4886.8	5097.4	5274.0	5445.2	5579.9	5686.0	5787.0	5869.8	5919.4
32.5°	4827.1	5053.2	5362.1	5677.4	5868.1	6053.5	6274.8	6396.1	6530.8	6640.0	6719.7
30°	5156.3	5371.2	5652.5	6048.2	6309.2	6497.2	6777.2	6944.9	7091.7	7276.7	7341.1
27.5°	5171.9	5507.8	5756.5	6097.3	6489.1	6679.8	6887.0	7192.0	7284.5	7548.3	7586.4
25°	5036.1	5388.8	5644.4	5928.9	6254.6	6486.6	6675.9	6929.5	7062.2	7231.9	7362.3
22.5°	4823.8	5134.6	5395.4	5636.6	5890.8	6102.1	6275.1	6453.3	6599.0	6730.7	6852.9
20°	4589.3	4884.4	5131.6	5339.1	5540.5	5736.4	5892.0	6041.7	6167.7	6280.8	6350.3
17.5°	4424.2	4636.4	4889.1	5101.6	5276.3	5430.0	5590.9	5716.2	5826.8	5928.5	5992.1
15°	4311.4	4513.3	4693.1	4888.1	5072.2	5218.7	5339.9	5469.2	5564.8	5652.3	5721.3
12.5°	4194.4	4402.4	4590.6	4753.0	4897.1	5057.2	5186.7	5288.4	5388.6	5457.3	5528.2
10°	4096.6	4291.2	4486.5	4658.0	4809.5	4941.5	5064.1	5178.1	5268.1	5345.2	5401.0
7.5°	4039.9	4230.8	4406.2	4570.8	4718.5	4859.1	4985.6	5090.1	5179.3	5259.1	5317.5
5°	3974.1	4163.0	4338.2	4506.3	4648.2	4783.3	4909.3	5016.8	5109.1	5180.2	5236.1
2.5°	3898.7	4085.1	4259.8	4430.7	4572.5	4702.9	4822.0	4927.0	5023.1	5090.9	5138.4
0°	3812.8	3999.4	4170.1	4331.1	4473.8	4614.1	4723.9	4830.0	4923.9	4991.0	5038.5
-2.5°	3726.1	3911.6	4088.3	4242.5	4384.2	4513.7	4630.6	4730.7	4820.5	4887.3	4929.0
-5°	3610.8	3795.2	3969.6	4125.1	4273.0	4403.1	4516.6	4618.5	4704.9	4777.8	4834.4
-7.5°	3471.3	3657.8	3832.0	3990.7	4138.0	4260.8	4369.9	4472.6	4564.8	4644.4	4714.1
-10°	3317.9	3502.3	3666.9	3815.6	3952.8	4077.7	4193.8	4295.3	4379.8	4457.7	4516.4
-12.5°	3139.3	3310.0	3471.1	3617.6	3751.7	3876.8	3987.2	4083.8	4168.9	4237.9	4290.8
-15°	2942.2	3104.2	3256.8	3406.5	3547.0	3670.2	3767.3	3869.1	3942.9	4009.8	4057.4
-17.5°	2731.3	2888.0	3048.4	3198.5	3328.1	3449.7	3556.5	3649.6	3727.0	3788.5	3842.2
-20°	2517.5	2677.1	2831.5	2974.6	3099.3	3211.9	3320.1	3409.5	3488.8	3555.7	3618.7



REPORT NUMBER: P558882 (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°	2302.9	2449.2	2594.1	2734.1	2852.1	2958.6	3053.3	3138.8	3208.8	3287.6	3343.2
-25°	2082.3	2210.6	2341.5	2465.1	2576.6	2681.3	2767.1	2842.1	2915.1	2991.2	3045.4
-27.5°	1860.7	1974.2	2080.5	2189.9	2287.6	2378.3	2457.9	2523.5	2594.4	2645.1	2704.8
-30°	1641.6	1744.5	1833.1	1909.2	2001.1	2078.9	2141.0	2206.1	2264.7	2313.2	2363.4
-32.5°	1456.1	1526.4	1597.2	1660.8	1721.9	1785.9	1835.8	1892.8	1932.9	1974.7	2015.3
-35°	1277.8	1331.9	1378.9	1438.4	1484.2	1519.1	1560.7	1602.5	1618.5	1664.0	1688.2
-37.5°	1116.3	1151.8	1195.7	1237.1	1271.1	1297.1	1334.2	1356.1	1367.6	1397.0	1412.8
-40°	978.0	1000.5	1041.4	1069.7	1090.1	1109.1	1139.9	1154.1	1169.8	1184.4	1184.9
-42.5°	856.4	885.3	913.1	935.3	948.2	969.7	984.3	985.9	1006.2	1019.2	1021.2
-45°	757.0	786.3	808.3	824.7	837.5	856.0	865.4	870.7	887.2	896.1	899.9
-47.5°	680.5	701.1	720.1	732.7	749.6	763.4	770.2	778.9	791.7	799.8	805.6
-50°	613.4	629.6	644.1	655.7	672.5	684.7	691.3	702.0	711.6	717.4	722.0
-52.5°	554.3	568.8	578.8	590.0	604.0	614.9	623.2	633.9	641.8	647.0	651.0
-55°	499.0	512.6	522.4	534.7	544.7	551.9	559.0	569.4	577.2	582.5	585.9
-57.5°	450.2	460.4	470.0	481.2	490.7	498.6	504.9	510.7	515.8	520.1	523.5
-60°	404.5	412.8	421.6	430.3	437.5	443.2	450.0	455.2	458.5	460.6	463.3
-62.5°	360.6	368.1	375.9	382.9	388.6	393.4	398.9	403.2	406.2	408.4	410.0
-65°	318.8	325.3	331.9	337.7	342.7	346.8	350.7	353.7	355.8	357.6	359.1
-67.5°	279.7	284.8	289.5	293.5	297.2	300.7	304.1	306.4	307.7	309.2	310.7
-70°	242.0	246.1	249.1	251.6	253.7	256.5	259.8	262.1	263.4	264.8	266.2
-72.5°	205.6	208.5	211.0	213.0	214.3	216.0	218.3	220.1	221.5	222.6	223.2
-75°	170.5	172.9	175.1	176.7	177.6	178.8	180.0	180.6	180.7	181.2	181.5
-77.5°	136.1	138.5	140.6	142.1	143.0	144.0	144.9	145.3	145.4	145.4	145.1
-80°	106.3	107.9	109.3	110.3	111.0	111.7	112.2	112.2	112.0	112.2	112.3
-82.5°	77.2	78.7	79.9	80.8	81.4	82.1	82.7	83.1	83.4	83.5	83.4
-85°	50.0	50.6	51.3	51.8	52.3	52.7	52.9	52.9	52.8	52.9	52.8
-87.5°	25.0	24.7	24.3	23.8	23.2	23.4	23.5	23.6	23.6	23.8	24.0
-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: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	16.7	17.0	15.8	14.6	15.8	17.0	16.7	16.2	15.8	15.4	16.3
85°	55.4	55.8	54.8	53.7	54.8	55.8	55.4	54.9	54.2	53.4	53.9
82.5°	105.7	105.5	104.8	103.7	104.8	105.5	105.7	105.6	105.1	104.4	105.0
80°	161.3	160.2	159.6	158.6	159.6	160.2	161.3	161.9	161.9	161.6	162.7
77.5°	225.7	224.5	226.5	228.1	226.5	224.5	225.7	226.3	226.2	226.3	230.9
75°	312.9	310.5	308.2	304.9	308.2	310.5	312.9	314.2	314.1	314.4	319.6
72.5°	414.3	412.4	410.5	407.4	410.5	412.4	414.3	414.7	413.7	414.7	422.8
70°	535.0	529.3	530.3	530.6	530.3	529.3	535.0	538.2	538.8	540.6	547.7
67.5°	686.9	681.8	682.4	681.8	682.4	681.8	686.9	689.1	688.4	690.3	696.0
65°	870.8	865.0	858.0	847.7	858.0	865.0	870.8	872.4	869.7	867.7	866.9
62.5°	1068.3	1063.2	1066.1	1068.5	1066.1	1063.2	1068.3	1068.8	1064.7	1064.0	1060.9
60°	1287.5	1280.3	1276.7	1270.9	1276.7	1280.3	1287.5	1288.4	1282.8	1282.0	1278.1
57.5°	1558.3	1557.0	1553.8	1545.4	1553.8	1557.0	1558.3	1552.1	1538.7	1535.5	1524.1
55°	1858.5	1856.8	1863.7	1872.2	1863.7	1856.8	1858.5	1850.2	1832.5	1822.5	1805.9
52.5°	2183.9	2189.4	2187.4	2175.9	2187.4	2189.4	2183.9	2168.3	2147.1	2130.6	2100.5
50°	2506.0	2512.1	2518.7	2524.8	2518.7	2512.1	2506.0	2487.9	2467.4	2451.7	2424.1
47.5°	2870.9	2887.2	2890.0	2878.5	2890.0	2887.2	2870.9	2840.6	2818.8	2793.8	2742.0
45°	3285.6	3295.4	3300.4	3310.2	3300.4	3295.4	3285.6	3253.2	3237.1	3211.4	3160.4
42.5°	3808.5	3819.8	3821.6	3832.3	3821.6	3819.8	3808.5	3766.9	3752.4	3703.3	3631.0
40°	4429.1	4447.4	4444.3	4439.7	4444.3	4447.4	4429.1	4382.6	4371.7	4323.6	4262.4
37.5°	5155.5	5186.7	5190.0	5209.3	5190.0	5186.7	5155.5	5107.1	5072.8	4980.8	4940.6
35°	5970.8	6007.5	6001.2	6010.6	6001.2	6007.5	5970.8	5919.4	5869.8	5787.0	5686.0
32.5°	6793.2	6848.4	6859.4	6905.9	6859.4	6848.4	6793.2	6719.7	6640.0	6530.8	6396.1
30°	7439.3	7516.6	7567.1	7563.3	7567.1	7516.6	7439.3	7341.1	7276.7	7091.7	6944.9
27.5°	7707.0	7807.2	7901.0	7929.2	7901.0	7807.2	7707.0	7586.4	7548.3	7284.5	7192.0
25°	7445.8	7519.0	7601.8	7646.3	7601.8	7519.0	7445.8	7362.3	7231.9	7062.2	6929.5
22.5°	6909.2	6956.8	6985.0	6962.0	6985.0	6956.8	6909.2	6852.9	6730.7	6599.0	6453.3
20°	6422.3	6482.5	6493.7	6518.0	6493.7	6482.5	6422.3	6350.3	6280.8	6167.7	6041.7
17.5°	6059.9	6099.4	6122.5	6127.7	6122.5	6099.4	6059.9	5992.1	5928.5	5826.8	5716.2
15°	5775.9	5807.5	5828.3	5837.4	5828.3	5807.5	5775.9	5721.3	5652.3	5564.8	5469.2
12.5°	5574.6	5613.2	5632.1	5643.5	5632.1	5613.2	5574.6	5528.2	5457.3	5388.6	5288.4
10°	5445.5	5482.7	5497.7	5503.3	5497.7	5482.7	5445.5	5401.0	5345.2	5268.1	5178.1
7.5°	5352.8	5376.8	5386.8	5394.7	5386.8	5376.8	5352.8	5317.5	5259.1	5179.3	5090.1
5°	5278.1	5297.1	5307.8	5319.1	5307.8	5297.1	5278.1	5236.1	5180.2	5109.1	5016.8
2.5°	5176.3	5203.5	5222.3	5233.7	5222.3	5203.5	5176.3	5138.4	5090.9	5023.1	4927.0
0°	5076.4	5102.0	5115.4	5137.3	5115.4	5102.0	5076.4	5038.5	4991.0	4923.9	4830.0
-2.5°	4966.4	4996.1	5031.4	5065.4	5031.4	4996.1	4966.4	4929.0	4887.3	4820.5	4730.7
-5°	4882.4	4921.6	4929.0	4950.7	4929.0	4921.6	4882.4	4834.4	4777.8	4704.9	4618.5
-7.5°	4755.6	4773.5	4803.8	4809.2	4803.8	4773.5	4755.6	4714.1	4644.4	4564.8	4472.6
-10°	4560.2	4589.2	4608.2	4627.5	4608.2	4589.2	4560.2	4516.4	4457.7	4379.8	4295.3
-12.5°	4330.6	4364.7	4395.2	4390.9	4395.2	4364.7	4330.6	4290.8	4237.9	4168.9	4083.8
-15°	4106.8	4139.8	4160.8	4157.9	4160.8	4139.8	4106.8	4057.4	4009.8	3942.9	3869.1
-17.5°	3884.8	3914.9	3945.2	3944.5	3945.2	3914.9	3884.8	3842.2	3788.5	3727.0	3649.6
-20°	3655.5	3681.3	3713.8	3727.4	3713.8	3681.3	3655.5	3618.7	3555.7	3488.8	3409.5



REPORT NUMBER: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	3390.4	3423.4	3447.0	3461.5	3447.0	3423.4	3390.4	3343.2	3287.6	3208.8	3138.8
-25°	3081.4	3115.3	3133.2	3139.5	3133.2	3115.3	3081.4	3045.4	2991.2	2915.1	2842.1
-27.5°	2740.0	2777.9	2796.4	2787.0	2796.4	2777.9	2740.0	2704.8	2645.1	2594.4	2523.5
-30°	2389.8	2414.1	2417.0	2438.2	2417.0	2414.1	2389.8	2363.4	2313.2	2264.7	2206.1
-32.5°	2044.4	2060.7	2051.4	2052.7	2051.4	2060.7	2044.4	2015.3	1974.7	1932.9	1892.8
-35°	1703.3	1716.3	1718.9	1742.9	1718.9	1716.3	1703.3	1688.2	1664.0	1618.5	1602.5
-37.5°	1429.1	1434.4	1426.3	1414.8	1426.3	1434.4	1429.1	1412.8	1397.0	1367.6	1356.1
-40°	1196.5	1200.6	1197.6	1191.6	1197.6	1200.6	1196.5	1184.9	1184.4	1169.8	1154.1
-42.5°	1029.2	1029.2	1026.5	1025.8	1026.5	1029.2	1029.2	1021.2	1019.2	1006.2	985.9
-45°	905.6	906.9	906.7	906.2	906.7	906.9	905.6	899.9	896.1	887.2	870.7
-47.5°	809.7	809.9	808.7	806.2	808.7	809.9	809.7	805.6	799.8	791.7	778.9
-50°	724.8	724.8	726.4	729.4	726.4	724.8	724.8	722.0	717.4	711.6	702.0
-52.5°	653.1	653.0	653.9	655.0	653.9	653.0	653.1	651.0	647.0	641.8	633.9
-55°	587.5	587.1	586.2	584.2	586.2	587.1	587.5	585.9	582.5	577.2	569.4
-57.5°	524.7	524.0	522.4	519.6	522.4	524.0	524.7	523.5	520.1	515.8	510.7
-60°	464.9	465.1	464.4	462.3	464.4	465.1	464.9	463.3	460.6	458.5	455.2
-62.5°	410.4	409.5	409.4	408.6	409.4	409.5	410.4	410.0	408.4	406.2	403.2
-65°	359.3	358.5	358.8	358.6	358.8	358.5	359.3	359.1	357.6	355.8	353.7
-67.5°	311.2	311.0	311.2	311.0	311.2	311.0	311.2	310.7	309.2	307.7	306.4
-70°	266.9	267.1	265.7	263.5	265.7	267.1	266.9	266.2	264.8	263.4	262.1
-72.5°	223.0	222.3	222.4	222.0	222.4	222.3	223.0	223.2	222.6	221.5	220.1
-75°	181.4	180.9	182.1	183.0	182.1	180.9	181.4	181.5	181.2	180.7	180.6
-77.5°	144.4	143.4	144.3	145.1	144.3	143.4	144.4	145.1	145.4	145.4	145.3
-80°	112.2	111.8	111.5	111.0	111.5	111.8	112.2	112.3	112.2	112.0	112.2
-82.5°	83.1	82.6	82.2	81.7	82.2	82.6	83.1	83.4	83.5	83.4	83.1
-85°	52.5	52.2	53.0	53.7	53.0	52.2	52.5	52.8	52.9	52.8	52.9
-87.5°	24.2	24.3	23.8	23.2	23.8	24.3	24.2	24.0	23.8	23.6	23.6
-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: P558882 (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°	17.2	18.0	18.8	18.9	19.0	19.0	19.0	18.9	18.7	18.4	18.1
85°	54.3	54.4	54.5	55.4	55.9	56.1	55.9	55.0	53.6	51.9	49.9
82.5°	105.2	105.0	104.5	105.6	106.1	106.0	105.2	103.2	100.5	97.2	93.2
80°	163.2	163.0	162.7	165.0	166.1	166.0	164.5	160.8	155.9	150.9	145.8
77.5°	234.2	235.7	236.4	238.7	239.2	237.9	234.3	228.6	223.7	217.2	208.7
75°	323.3	325.3	326.7	328.9	329.0	327.1	323.3	316.5	307.4	296.0	280.9
72.5°	428.3	430.9	431.7	431.7	429.5	427.1	421.7	412.5	400.5	385.8	365.7
70°	552.1	553.8	553.1	549.6	545.2	539.4	530.3	517.3	500.8	483.4	458.8
67.5°	698.0	696.1	691.1	684.2	676.8	665.8	651.2	632.6	613.5	591.7	558.6
65°	863.5	857.7	851.1	841.8	827.8	809.2	786.6	763.1	738.2	707.8	666.1
62.5°	1050.2	1031.7	1025.3	1016.2	998.5	972.7	945.0	915.1	877.9	834.4	792.4
60°	1267.6	1251.8	1235.9	1215.0	1189.0	1156.7	1121.7	1081.3	1035.5	987.0	930.9
57.5°	1502.3	1481.2	1465.0	1437.0	1396.8	1359.0	1315.1	1259.3	1204.4	1148.3	1081.1
55°	1783.4	1754.3	1719.9	1680.8	1637.8	1588.8	1528.9	1463.8	1396.6	1319.3	1247.8
52.5°	2059.0	2033.1	1993.5	1937.4	1887.0	1835.8	1765.3	1689.0	1613.1	1533.0	1432.5
50°	2384.8	2345.4	2291.4	2226.2	2173.3	2103.4	2024.9	1932.4	1853.3	1761.8	1651.0
47.5°	2712.3	2686.6	2623.0	2547.3	2498.3	2417.2	2320.5	2216.9	2129.6	2005.0	1884.4
45°	3126.6	3079.8	3008.5	2943.4	2866.7	2776.6	2653.3	2554.3	2437.6	2301.5	2126.7
42.5°	3612.0	3544.5	3451.9	3397.2	3305.1	3186.5	3049.3	2924.5	2779.0	2619.9	2419.0
40°	4200.4	4089.0	3995.0	3906.9	3801.9	3645.4	3493.4	3327.3	3153.3	2957.5	2696.1
37.5°	4876.2	4758.1	4619.5	4473.8	4338.2	4159.6	3956.1	3760.6	3551.4	3257.0	2958.9
35°	5579.9	5445.2	5274.0	5097.4	4886.8	4636.5	4426.5	4195.9	3910.3	3528.3	3202.1
32.5°	6274.8	6053.5	5868.1	5677.4	5362.1	5053.2	4827.1	4622.2	4137.2	3743.0	3415.8
30°	6777.2	6497.2	6309.2	6048.2	5652.5	5371.2	5156.3	4730.9	4279.5	3892.7	3582.1
27.5°	6887.0	6679.8	6489.1	6097.3	5756.5	5507.8	5171.9	4738.3	4327.8	3963.8	3663.1
25°	6675.9	6486.6	6254.6	5928.9	5644.4	5388.8	5036.1	4643.4	4275.0	3954.2	3616.6
22.5°	6275.1	6102.1	5890.8	5636.6	5395.4	5134.6	4823.8	4483.5	4166.5	3866.2	3539.4
20°	5892.0	5736.4	5540.5	5339.1	5131.6	4884.4	4589.3	4311.1	4053.2	3762.3	3446.7
17.5°	5590.9	5430.0	5276.3	5101.6	4889.1	4636.4	4424.2	4194.9	3940.1	3651.1	3340.9
15°	5339.9	5218.7	5072.2	4888.1	4693.1	4513.3	4311.4	4077.0	3823.1	3530.9	3242.0
12.5°	5186.7	5057.2	4897.1	4753.0	4590.6	4402.4	4194.4	3955.2	3712.5	3467.8	3208.8
10°	5064.1	4941.5	4809.5	4658.0	4486.5	4291.2	4096.6	3888.8	3662.7	3422.5	3166.2
7.5°	4985.6	4859.1	4718.5	4570.8	4406.2	4230.8	4039.9	3833.1	3604.8	3365.1	3113.7
5°	4909.3	4783.3	4648.2	4506.3	4338.2	4163.0	3974.1	3766.7	3537.5	3295.6	3051.0
2.5°	4822.0	4702.9	4572.5	4430.7	4259.8	4085.1	3898.7	3688.7	3462.9	3230.5	2979.6
0°	4723.9	4614.1	4473.8	4331.1	4170.1	3999.4	3812.8	3598.1	3377.3	3157.8	2896.8
-2.5°	4630.6	4513.7	4384.2	4242.5	4088.3	3911.6	3726.1	3518.5	3293.0	3071.1	2815.8
-5°	4516.6	4403.1	4273.0	4125.1	3969.6	3795.2	3610.8	3410.2	3188.5	2969.0	2725.2
-7.5°	4369.9	4260.8	4138.0	3990.7	3832.0	3657.8	3471.3	3270.9	3054.9	2837.9	2600.8
-10°	4193.8	4077.7	3952.8	3815.6	3666.9	3502.3	3317.9	3117.8	2910.0	2693.8	2465.9
-12.5°	3987.2	3876.8	3751.7	3617.6	3471.1	3310.0	3139.3	2948.3	2754.1	2536.9	2320.6
-15°	3767.3	3670.2	3547.0	3406.5	3256.8	3104.2	2942.2	2760.1	2580.7	2368.1	2165.2
-17.5°	3556.5	3449.7	3328.1	3198.5	3048.4	2888.0	2731.3	2564.4	2390.8	2197.2	2011.5
-20°	3320.1	3211.9	3099.3	2974.6	2831.5	2677.1	2517.5	2358.3	2195.3	2026.7	1857.9



REPORT NUMBER: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	3053.3	2958.6	2852.1	2734.1	2594.1	2449.2	2302.9	2152.5	1998.3	1853.2	1701.7
-25°	2767.1	2681.3	2576.6	2465.1	2341.5	2210.6	2082.3	1948.8	1816.0	1680.0	1545.7
-27.5°	2457.9	2378.3	2287.6	2189.9	2080.5	1974.2	1860.7	1745.6	1638.4	1518.4	1401.2
-30°	2141.0	2078.9	2001.1	1909.2	1833.1	1744.5	1641.6	1559.7	1466.8	1364.0	1268.6
-32.5°	1835.8	1785.9	1721.9	1660.8	1597.2	1526.4	1456.1	1380.1	1299.0	1225.8	1147.7
-35°	1560.7	1519.1	1484.2	1438.4	1378.9	1331.9	1277.8	1215.4	1153.4	1094.6	1031.9
-37.5°	1334.2	1297.1	1271.1	1237.1	1195.7	1151.8	1116.3	1073.4	1022.6	975.6	924.7
-40°	1139.9	1109.1	1090.1	1069.7	1041.4	1000.5	978.0	946.1	911.1	865.9	825.0
-42.5°	984.3	969.7	948.2	935.3	913.1	885.3	856.4	838.0	810.0	774.7	741.3
-45°	865.4	856.0	837.5	824.7	808.3	786.3	757.0	743.1	721.9	697.5	665.9
-47.5°	770.2	763.4	749.6	732.7	720.1	701.1	680.5	661.1	648.7	627.7	601.8
-50°	691.3	684.7	672.5	655.7	644.1	629.6	613.4	594.1	582.3	564.5	542.9
-52.5°	623.2	614.9	604.0	590.0	578.8	568.8	554.3	536.6	521.1	508.9	493.1
-55°	559.0	551.9	544.7	534.7	522.4	512.6	499.0	483.7	470.9	460.3	446.8
-57.5°	504.9	498.6	490.7	481.2	470.0	460.4	450.2	438.3	425.1	415.3	402.7
-60°	450.0	443.2	437.5	430.3	421.6	412.8	404.5	394.3	382.3	372.4	361.5
-62.5°	398.9	393.4	388.6	382.9	375.9	368.1	360.6	352.0	342.0	331.8	322.7
-65°	350.7	346.8	342.7	337.7	331.9	325.3	318.8	311.6	303.5	294.5	285.9
-67.5°	304.1	300.7	297.2	293.5	289.5	284.8	279.7	273.5	266.8	259.5	252.2
-70°	259.8	256.5	253.7	251.6	249.1	246.1	242.0	237.2	231.7	226.0	219.5
-72.5°	218.3	216.0	214.3	213.0	211.0	208.5	205.6	202.2	198.3	193.8	187.7
-75°	180.0	178.8	177.6	176.7	175.1	172.9	170.5	168.0	164.8	160.9	156.0
-77.5°	144.9	144.0	143.0	142.1	140.6	138.5	136.1	134.2	132.1	129.2	125.4
-80°	112.2	111.7	111.0	110.3	109.3	107.9	106.3	104.5	102.0	99.1	96.4
-82.5°	82.7	82.1	81.4	80.8	79.9	78.7	77.2	75.8	74.2	72.4	70.4
-85°	52.9	52.7	52.3	51.8	51.3	50.6	50.0	49.4	48.6	47.7	46.6
-87.5°	23.5	23.4	23.2	23.8	24.3	24.7	25.0	24.7	24.3	23.8	23.3
-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: P558882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	17.7	17.3	16.7	16.1	15.7	15.3	14.6	13.9	12.7	11.5	10.2
85°	47.3	44.4	41.2	37.6	34.2	30.5	29.3	27.8	25.4	22.9	20.4
82.5°	88.3	84.0	79.6	74.6	69.1	63.3	57.2	50.7	42.7	35.1	30.5
80°	139.4	132.2	124.4	115.8	106.3	96.1	87.8	78.6	67.3	56.5	46.0
77.5°	197.5	185.4	172.3	161.1	149.5	136.9	123.4	108.1	91.7	77.6	64.1
75°	262.3	247.0	231.3	214.2	196.1	177.7	161.7	143.0	120.8	99.1	82.0
72.5°	342.8	319.2	294.9	269.8	248.0	225.6	202.5	177.3	151.2	125.7	100.9
70°	429.1	396.5	365.9	335.8	304.5	273.5	246.7	215.4	181.2	151.9	123.4
67.5°	521.0	485.4	446.5	403.8	366.0	329.4	291.8	254.0	215.6	177.6	145.5
65°	625.4	580.3	531.8	484.8	434.8	385.8	343.8	293.8	249.3	207.3	167.0
62.5°	740.0	681.3	628.4	569.5	510.9	453.1	394.0	337.8	283.4	236.4	191.0
60°	870.0	805.6	731.3	665.3	594.7	523.9	453.6	380.3	320.9	264.6	215.5
57.5°	1012.9	937.2	857.8	770.5	687.7	603.8	513.1	428.8	357.1	295.3	239.1
55°	1162.3	1077.2	987.5	891.5	789.2	692.5	575.7	478.5	393.7	325.7	261.0
52.5°	1329.6	1227.9	1124.4	1016.2	903.6	778.6	645.1	525.4	434.7	354.7	284.3
50°	1522.4	1395.2	1272.4	1148.0	1019.4	869.1	710.1	581.4	473.2	384.0	306.5
47.5°	1742.4	1587.9	1435.6	1286.4	1144.2	953.2	781.6	634.9	509.0	415.3	327.1
45°	1970.1	1799.9	1615.5	1442.9	1245.6	1038.3	851.2	684.1	552.4	442.5	346.1
42.5°	2198.7	2014.5	1816.7	1600.8	1349.7	1119.0	914.8	739.4	592.4	467.5	366.1
40°	2452.5	2228.4	2017.2	1747.4	1444.3	1192.4	980.2	791.3	628.3	492.7	386.1
37.5°	2694.6	2446.8	2214.7	1859.3	1530.9	1267.4	1040.0	837.8	661.2	519.9	404.2
35°	2920.6	2658.5	2314.2	1950.4	1616.8	1331.0	1092.9	881.5	696.1	543.9	420.5
32.5°	3126.8	2794.2	2390.4	2021.4	1684.9	1382.8	1140.9	920.5	726.0	564.6	434.9
30°	3267.3	2845.0	2442.8	2072.7	1735.7	1433.1	1180.0	952.8	750.8	582.1	448.3
27.5°	3274.8	2868.6	2470.9	2104.7	1770.7	1469.9	1209.7	978.5	770.7	598.3	462.2
25°	3249.1	2858.2	2475.0	2116.6	1789.2	1500.1	1232.4	997.8	788.9	614.1	473.5
22.5°	3189.0	2821.4	2456.3	2108.6	1809.5	1521.0	1251.3	1014.3	803.7	626.0	482.3
20°	3113.2	2761.6	2424.9	2116.5	1819.7	1534.3	1265.4	1024.9	813.2	634.1	488.7
17.5°	3020.2	2714.2	2419.7	2115.0	1819.7	1538.2	1271.8	1029.8	817.7	638.5	492.7
15°	2977.5	2695.6	2403.8	2103.7	1809.7	1533.1	1270.7	1029.2	817.4	639.4	495.5
12.5°	2943.2	2666.3	2378.1	2082.6	1790.0	1519.2	1262.3	1023.0	812.5	639.4	497.5
10°	2899.8	2626.4	2342.4	2051.9	1761.1	1497.1	1246.9	1013.7	810.1	638.4	497.7
7.5°	2846.8	2576.0	2297.0	2011.6	1726.3	1472.2	1231.2	1003.4	804.9	634.6	496.0
5°	2785.4	2520.3	2248.2	1973.1	1699.8	1445.9	1210.5	988.0	796.4	628.3	492.5
2.5°	2718.9	2462.8	2193.5	1926.4	1666.3	1413.3	1184.1	968.0	784.5	619.5	487.3
0°	2641.9	2395.5	2129.6	1871.0	1625.9	1374.6	1152.6	944.0	769.6	608.6	480.6
-2.5°	2574.1	2321.6	2060.8	1810.9	1567.0	1328.3	1118.3	919.8	753.0	597.9	473.5
-5°	2495.4	2238.1	1983.9	1743.0	1501.9	1277.1	1079.8	892.5	733.8	585.2	465.1
-7.5°	2379.7	2136.0	1896.3	1666.8	1431.4	1221.9	1037.7	862.5	712.2	570.8	455.3
-10°	2249.4	2020.5	1797.0	1580.7	1363.0	1167.4	993.3	830.0	688.5	554.8	444.4
-12.5°	2111.6	1898.8	1692.3	1490.4	1292.5	1113.7	950.8	798.2	663.2	537.4	432.4
-15°	1967.4	1771.9	1582.9	1397.0	1219.6	1057.2	906.2	765.7	638.4	519.5	419.4
-17.5°	1820.6	1640.9	1469.7	1301.6	1145.3	998.6	860.1	731.5	612.1	501.7	406.5
-20°	1686.6	1518.5	1354.4	1205.1	1070.3	938.2	812.9	696.0	584.7	482.8	393.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1553.0	1405.5	1257.4	1115.3	996.7	876.5	765.0	659.3	556.4	463.2	379.2
-25°	1420.0	1293.2	1162.6	1040.7	925.4	819.2	718.8	621.8	527.3	442.8	364.3
-27.5°	1294.7	1183.7	1067.5	965.9	863.1	762.9	674.3	586.2	499.1	421.8	348.6
-30°	1175.1	1079.2	982.1	892.7	801.6	713.8	629.6	550.7	473.4	401.6	332.2
-32.5°	1064.6	975.9	900.7	824.8	744.9	665.0	588.2	515.4	447.6	381.5	316.8
-35°	961.9	887.8	821.7	759.2	690.2	620.8	550.4	480.4	421.8	360.7	301.7
-37.5°	864.2	809.7	753.0	697.4	635.8	577.3	514.6	451.5	396.1	339.4	286.3
-40°	783.8	737.3	690.0	639.0	587.6	534.9	478.8	424.1	371.1	317.7	270.6
-42.5°	707.2	671.1	630.3	582.2	542.8	495.6	443.5	396.2	346.9	298.1	254.6
-45°	639.1	608.4	573.6	537.6	499.8	456.8	412.4	368.1	322.7	279.7	239.2
-47.5°	574.9	552.1	523.8	493.7	458.8	419.4	381.0	341.3	298.4	261.3	224.5
-50°	520.8	501.1	478.4	451.1	418.5	385.2	350.1	314.7	278.1	243.1	209.4
-52.5°	473.8	455.1	434.7	409.6	381.8	351.0	321.6	288.5	257.4	225.5	194.1
-55°	429.7	411.3	392.7	371.2	346.3	320.6	293.5	265.3	236.3	208.0	178.7
-57.5°	388.1	370.1	354.2	334.9	314.0	291.5	267.1	241.8	216.1	190.1	165.1
-60°	348.0	333.5	317.7	301.8	283.6	263.2	241.4	218.6	196.1	172.6	151.3
-62.5°	311.3	298.1	285.0	270.6	253.9	235.5	215.8	196.5	175.8	156.8	137.2
-65°	276.7	265.8	253.4	239.8	224.5	208.4	191.8	174.2	157.5	140.7	123.1
-67.5°	243.7	233.6	221.6	209.0	196.9	183.4	168.0	153.8	139.6	124.6	109.2
-70°	211.5	201.7	191.6	182.1	171.2	158.9	146.5	134.2	121.6	109.1	95.2
-72.5°	180.4	172.7	164.7	156.0	146.6	136.4	125.5	114.8	104.8	93.5	81.1
-75°	150.2	144.3	138.1	131.0	122.8	114.0	105.5	96.8	87.9	78.0	68.6
-77.5°	121.2	116.6	111.7	106.6	100.3	93.5	86.4	78.9	71.6	64.4	56.7
-80°	93.9	90.9	87.6	83.6	78.5	73.0	67.8	62.5	57.0	51.0	44.6
-82.5°	68.5	66.4	64.1	61.4	57.9	54.2	50.5	46.6	42.2	37.5	32.9
-85°	45.2	43.7	41.8	39.8	37.6	35.4	33.2	30.9	28.0	25.0	22.0
-87.5°	22.4	21.6	20.6	19.6	18.7	17.7	16.6	15.5	14.0	12.5	11.0
-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°	8.8	7.5	6.0	4.6	3.1	1.5	0.0
85°	17.7	14.9	12.1	9.2	6.2	3.0	0.0
82.5°	26.5	22.3	18.1	13.7	9.2	4.5	0.0
80°	36.0	29.7	24.1	18.2	12.3	6.0	0.0
77.5°	51.1	38.8	30.0	22.7	15.3	7.5	0.0
75°	66.1	50.8	36.5	27.2	18.3	9.0	0.0
72.5°	80.7	62.7	45.7	31.6	21.2	10.5	0.0
70°	95.7	74.3	54.8	36.4	24.1	11.9	0.0
67.5°	114.0	85.7	63.6	42.8	27.0	13.3	0.0
65°	131.8	98.4	72.3	49.2	29.8	14.7	0.0
62.5°	149.0	112.2	80.7	55.3	32.5	16.0	0.0
60°	165.6	125.6	88.9	61.3	35.2	17.4	0.0
57.5°	184.3	138.4	98.7	67.1	39.0	18.6	0.0
55°	202.5	150.7	108.2	72.7	42.6	19.9	0.0
52.5°	219.7	162.7	117.4	78.1	46.2	21.1	0.0
50°	235.9	175.9	126.0	83.3	49.6	22.3	0.0
47.5°	251.4	188.3	134.2	88.5	52.9	23.4	0.0
45°	267.5	199.9	142.0	94.2	56.1	24.5	0.0
42.5°	282.4	210.6	149.2	99.7	59.1	25.5	0.0
40°	295.9	220.4	156.5	104.9	61.9	26.5	0.0
37.5°	308.2	229.4	163.9	109.8	64.7	27.4	0.0
35°	319.0	238.3	170.6	114.4	67.2	28.3	0.0
32.5°	329.5	246.7	176.6	118.6	69.6	29.1	0.0
30°	340.8	254.1	182.0	122.5	71.8	29.9	0.0
27.5°	350.5	260.4	187.1	126.1	73.9	30.6	0.0
25°	358.7	265.7	191.7	129.4	75.7	31.2	0.0
22.5°	365.4	270.4	195.6	132.3	77.4	31.8	0.0
20°	370.6	275.0	198.8	134.9	78.9	32.3	0.0
17.5°	375.3	278.8	201.4	137.1	80.3	32.8	0.0
15°	379.0	281.8	203.5	138.9	81.4	33.2	0.0
12.5°	381.4	284.0	204.9	140.4	82.3	33.5	0.0
10°	382.3	285.4	205.7	141.6	83.1	33.8	0.0
7.5°	381.9	286.0	206.0	142.4	83.7	34.0	0.0
5°	380.2	285.8	205.7	142.8	84.0	34.1	0.0
2.5°	377.2	284.8	205.0	142.9	84.2	34.2	0.0
0°	373.2	283.0	203.7	142.7	84.2	34.2	0.0
-2.5°	368.9	280.3	202.7	142.1	84.0	34.2	0.0
-5°	363.6	276.9	201.3	141.1	83.6	34.2	0.0
-7.5°	357.4	272.8	199.4	139.8	83.0	34.1	0.0
-10°	350.2	268.1	197.0	138.2	82.3	34.0	0.0
-12.5°	342.2	262.8	194.2	136.2	81.3	33.8	0.0
-15°	333.3	257.0	190.9	134.0	80.2	33.5	0.0
-17.5°	323.7	250.7	187.3	131.5	79.0	33.1	0.0
-20°	313.7	244.0	183.2	128.7	77.6	32.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	303.7	236.8	178.7	125.7	76.0	32.2	0.0
-25°	293.1	229.7	173.8	122.4	74.2	31.7	0.0
-27.5°	281.9	222.2	168.5	118.8	72.4	31.1	0.0
-30°	270.3	214.3	162.8	115.0	70.3	30.4	0.0
-32.5°	258.2	206.0	157.0	111.0	68.2	29.7	0.0
-35°	246.9	197.2	150.9	106.8	65.9	28.9	0.0
-37.5°	235.7	188.3	144.4	102.3	63.5	28.0	0.0
-40°	224.1	179.8	137.7	97.7	61.0	27.1	0.0
-42.5°	212.1	171.0	131.0	92.9	58.4	26.1	0.0
-45°	199.8	162.0	124.4	87.9	55.6	25.1	0.0
-47.5°	187.1	152.7	117.5	82.8	52.8	24.0	0.0
-50°	175.5	143.1	110.4	78.2	49.9	22.9	0.0
-52.5°	164.0	133.4	103.1	73.6	46.8	21.7	0.0
-55°	152.2	123.9	95.6	69.0	43.7	20.5	0.0
-57.5°	140.2	114.3	87.9	64.2	40.5	19.2	0.0
-60°	128.2	104.6	80.0	59.2	37.3	17.9	0.0
-62.5°	116.4	94.6	73.4	54.2	34.5	16.5	0.0
-65°	104.4	84.5	66.6	49.1	31.6	15.1	0.0
-67.5°	92.3	75.1	59.8	43.9	28.7	13.7	0.0
-70°	80.0	66.5	52.8	38.6	25.7	12.3	0.0
-72.5°	69.4	57.8	45.7	33.8	22.6	10.8	0.0
-75°	59.0	49.0	38.5	29.1	19.5	9.3	0.0
-77.5°	48.5	40.1	32.1	24.3	16.3	7.8	0.0
-80°	37.9	31.8	25.7	19.5	13.1	6.2	0.0
-82.5°	28.4	23.9	19.3	14.6	9.8	4.7	0.0
-85°	18.9	16.0	12.9	9.8	6.6	3.1	0.0
-87.5°	9.5	8.0	6.5	4.9	3.3	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)