

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: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558538 (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-SA1C-930-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

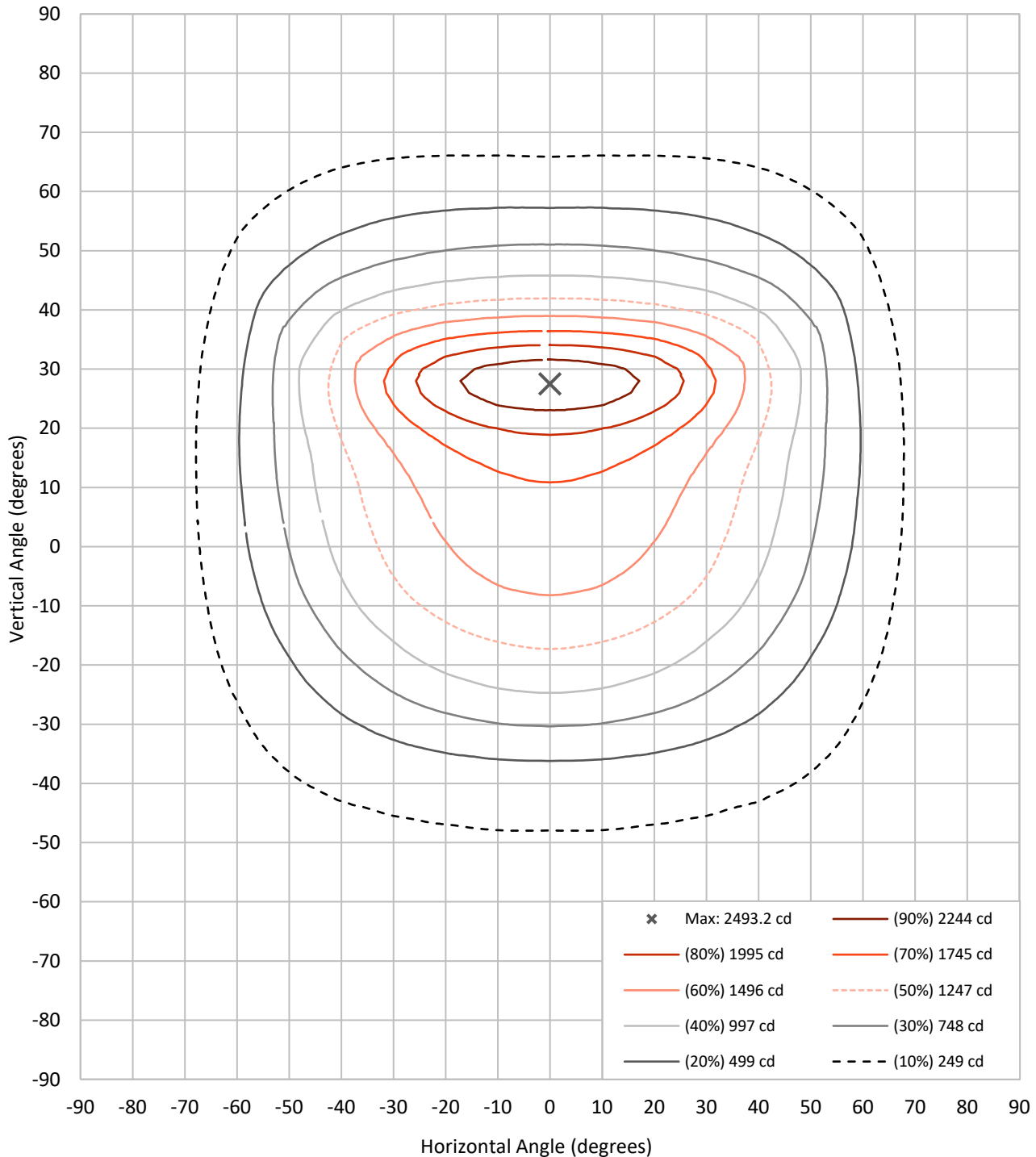
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	3634.6 lumens	Max Intensity:	2493.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	82.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	1885.1 lumens	Field Lumens:	3362.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	44		
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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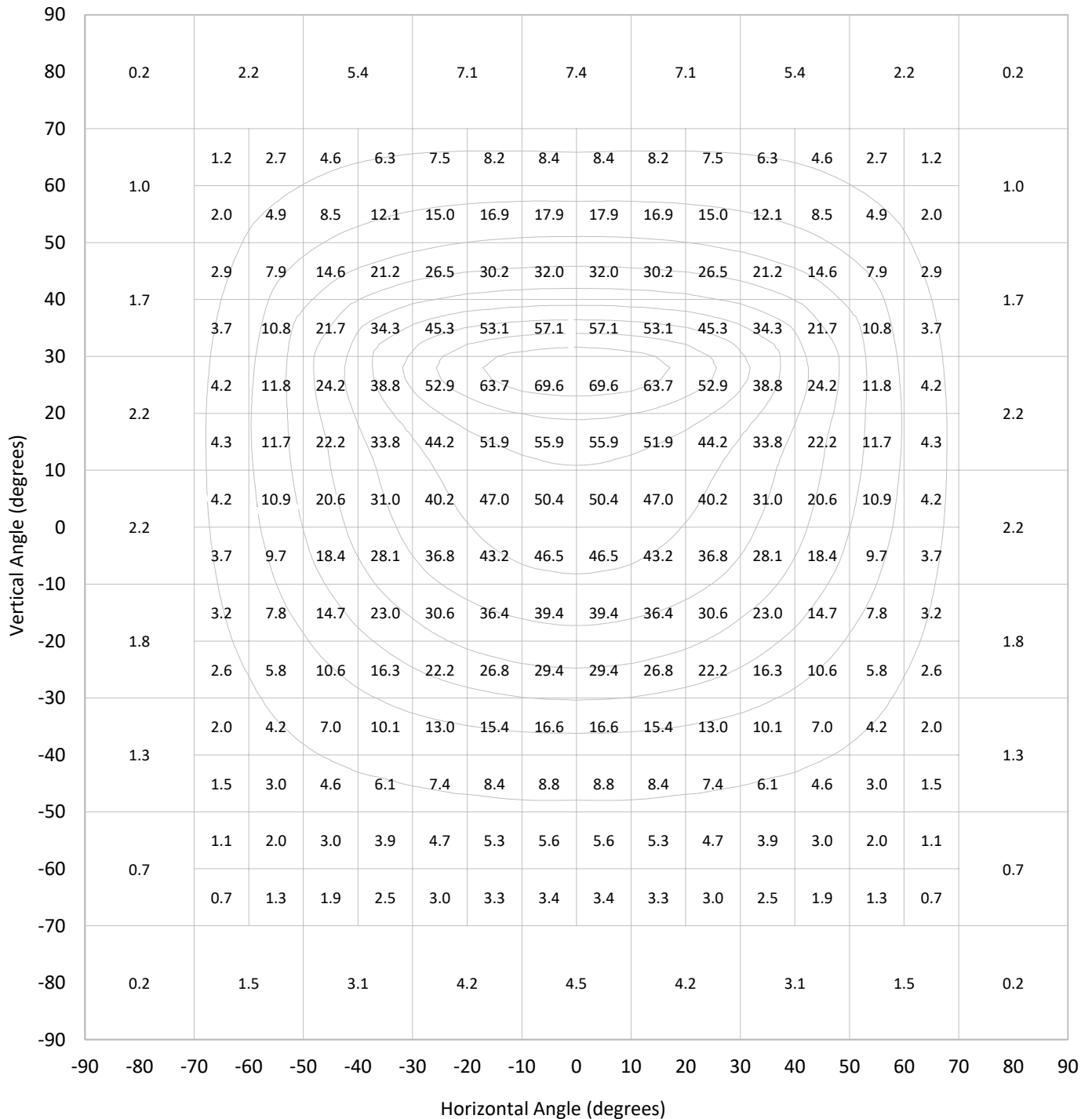
Iso-Candela Plot





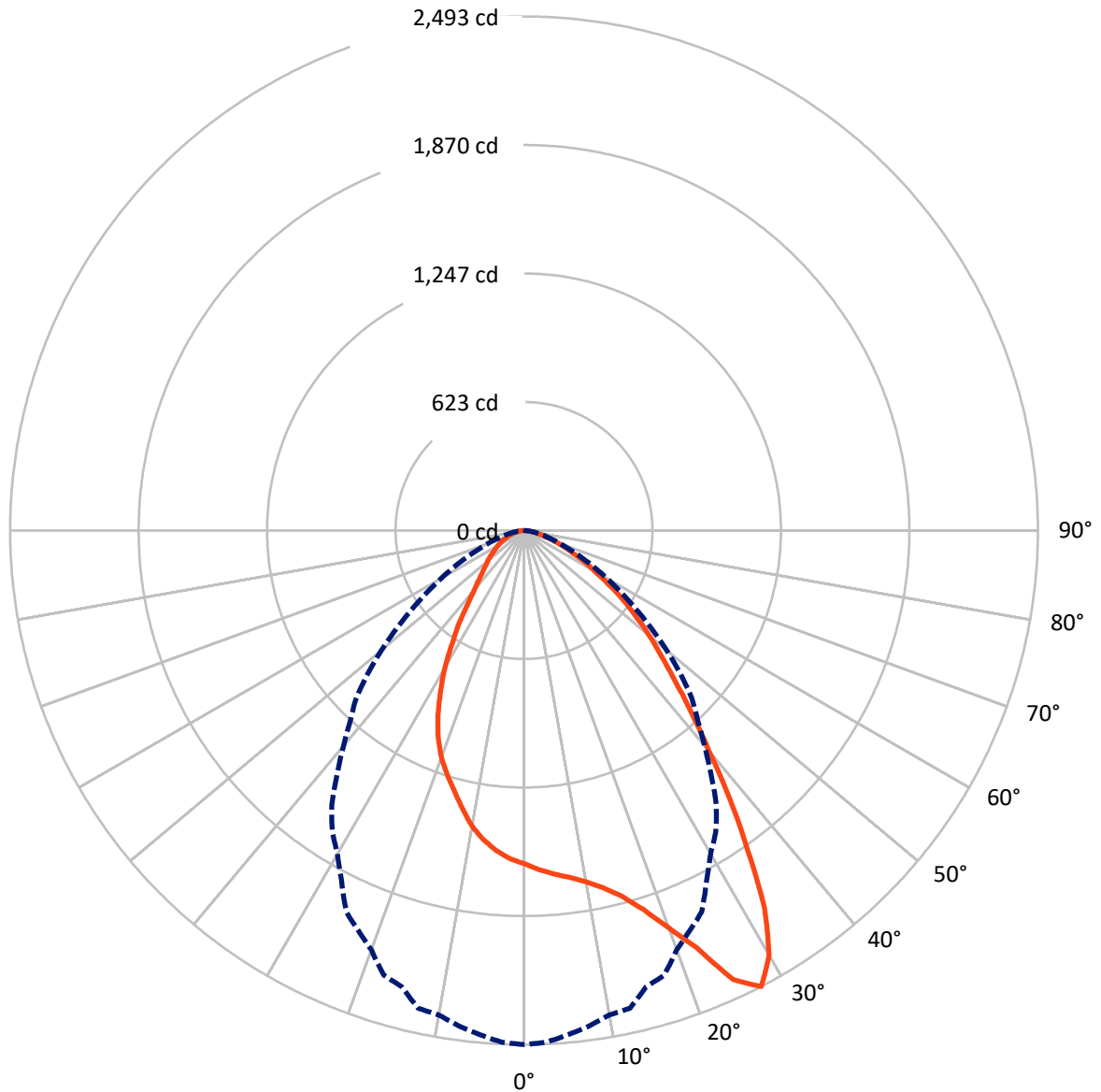
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Lumen Table



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
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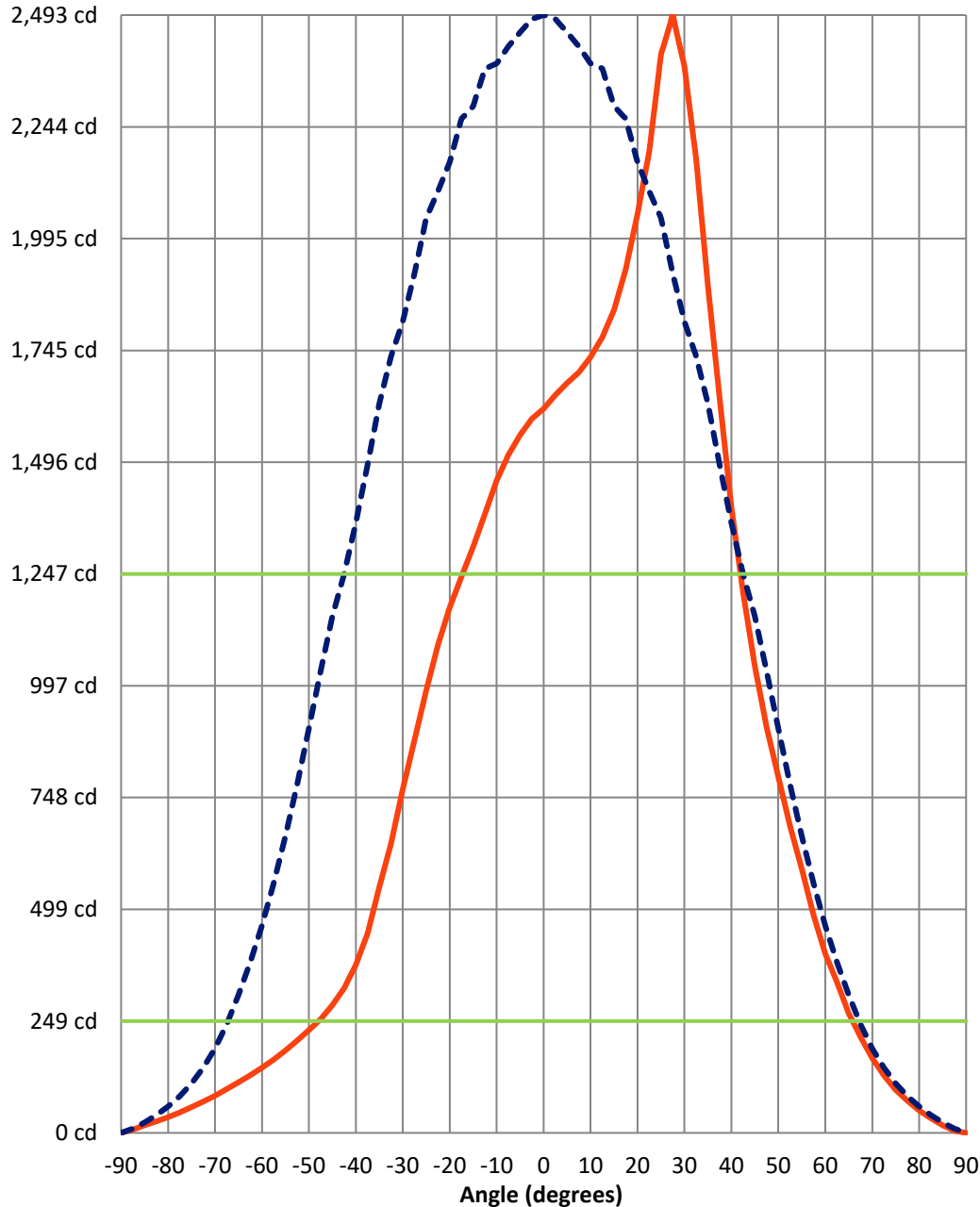
Luminous Intensity Polar Plot



— 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: 1885.1
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 3362.3
 Efficiency: 92.5%

Spill:
 Lumens: 272.3
 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	0.5	1.0	1.4	1.9	2.3	2.8	3.2	3.6	4.0	4.4
85°	0.0	0.9	1.9	2.9	3.8	4.7	5.5	6.4	7.2	8.0	8.8
82.5°	0.0	1.4	2.9	4.3	5.7	7.0	8.3	9.6	11.0	13.4	16.0
80°	0.0	1.9	3.8	5.7	7.5	9.3	11.3	14.4	17.7	21.2	24.7
77.5°	0.0	2.4	4.8	7.1	9.4	12.1	16.0	20.1	24.4	28.8	34.0
75°	0.0	2.8	5.7	8.5	11.4	15.9	20.7	25.7	31.1	38.0	44.9
72.5°	0.0	3.3	6.7	9.9	14.3	19.7	25.4	31.7	39.5	47.5	55.7
70°	0.0	3.7	7.6	11.4	17.2	23.3	30.1	38.8	47.8	57.0	67.8
67.5°	0.0	4.2	8.5	13.4	20.0	26.9	35.8	45.7	55.9	67.8	79.9
65°	0.0	4.6	9.3	15.4	22.7	30.9	41.4	52.5	65.2	78.4	92.4
62.5°	0.0	5.0	10.2	17.4	25.3	35.3	46.9	60.1	74.3	89.1	106.2
60°	0.0	5.4	11.0	19.2	27.9	39.5	52.1	67.8	83.2	100.9	119.6
57.5°	0.0	5.8	12.2	21.1	31.0	43.5	58.0	75.2	92.9	112.3	134.8
55°	0.0	6.2	13.4	22.8	34.0	47.4	63.7	82.1	102.4	123.8	150.5
52.5°	0.0	6.6	14.5	24.5	36.9	51.2	69.1	89.4	111.6	136.7	165.2
50°	0.0	7.0	15.6	26.2	39.6	55.3	74.2	96.4	120.8	148.8	182.8
47.5°	0.0	7.3	16.6	27.8	42.2	59.2	79.0	102.9	130.6	160.1	199.6
45°	0.0	7.7	17.6	29.6	44.6	62.8	84.1	108.9	139.2	173.7	215.1
42.5°	0.0	8.0	18.6	31.3	46.9	66.2	88.8	115.1	147.0	186.3	232.5
40°	0.0	8.3	19.5	33.0	49.2	69.3	93.0	121.4	154.9	197.6	248.8
37.5°	0.0	8.6	20.3	34.5	51.5	72.1	96.9	127.1	163.5	207.9	263.4
35°	0.0	8.9	21.1	36.0	53.6	74.9	100.3	132.2	171.0	218.9	277.2
32.5°	0.0	9.1	21.9	37.3	55.5	77.6	103.6	136.8	177.6	228.3	289.4
30°	0.0	9.4	22.6	38.5	57.2	79.9	107.1	141.0	183.0	236.1	299.6
27.5°	0.0	9.6	23.2	39.7	58.8	81.9	110.2	145.3	188.2	242.3	307.7
25°	0.0	9.8	23.8	40.7	60.3	83.5	112.8	148.9	193.1	248.1	313.7
22.5°	0.0	10.0	24.3	41.6	61.5	85.0	114.9	151.7	196.9	252.7	318.9
20°	0.0	10.1	24.8	42.4	62.5	86.5	116.5	153.7	199.4	255.7	322.3
17.5°	0.0	10.3	25.2	43.1	63.3	87.7	118.0	155.0	200.8	257.1	323.8
15°	0.0	10.4	25.6	43.7	63.9	88.6	119.2	155.8	201.1	257.0	323.6
12.5°	0.0	10.5	25.9	44.2	64.4	89.3	119.9	156.5	201.1	255.5	321.7
10°	0.0	10.6	26.1	44.5	64.6	89.7	120.2	156.5	200.7	254.7	318.7
7.5°	0.0	10.6	26.3	44.8	64.7	89.9	120.1	156.0	199.6	253.1	315.5
5°	0.0	10.7	26.4	44.9	64.6	89.9	119.6	154.9	197.6	250.4	310.6
2.5°	0.0	10.7	26.5	45.0	64.4	89.6	118.7	153.2	194.8	246.7	304.4
0°	0.0	10.7	26.5	44.9	64.0	89.0	117.4	151.1	191.4	242.0	296.8
-2.5°	0.0	10.7	26.4	44.7	63.7	88.2	116.0	148.9	188.0	236.8	289.2
-5°	0.0	10.7	26.3	44.4	63.2	87.1	114.4	146.2	184.0	230.8	280.6
-7.5°	0.0	10.7	26.1	44.0	62.7	85.8	112.4	143.1	179.5	224.0	271.2
-10°	0.0	10.6	25.9	43.5	61.9	84.3	110.1	139.7	174.5	216.5	261.0
-12.5°	0.0	10.6	25.6	42.9	61.0	82.7	107.6	135.9	169.0	208.6	250.9
-15°	0.0	10.5	25.2	42.2	60.0	80.8	104.8	131.8	163.3	200.7	240.7
-17.5°	0.0	10.4	24.8	41.4	58.9	78.9	101.8	127.8	157.7	192.5	230.0
-20°	0.0	10.2	24.4	40.5	57.6	76.7	98.6	123.6	151.8	183.9	218.8



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 CATALOG NUMBER: GFLD-SA1C-930-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	10.1	23.9	39.5	56.2	74.5	95.5	119.2	145.6	175.0	207.3
-25°	0.0	9.9	23.4	38.5	54.7	72.3	92.2	114.5	139.2	165.8	195.5
-27.5°	0.0	9.7	22.8	37.4	53.0	69.9	88.7	109.6	132.6	157.0	184.3
-30°	0.0	9.5	22.1	36.2	51.2	67.4	85.0	104.4	126.3	148.9	173.1
-32.5°	0.0	9.3	21.4	34.9	49.4	64.8	81.2	99.6	119.9	140.8	162.1
-35°	0.0	9.0	20.7	33.6	47.5	62.0	77.7	94.9	113.4	132.6	151.1
-37.5°	0.0	8.8	20.0	32.2	45.4	59.2	74.1	90.0	106.7	124.6	142.0
-40°	0.0	8.5	19.2	30.7	43.3	56.6	70.5	85.1	99.9	116.7	133.4
-42.5°	0.0	8.2	18.4	29.2	41.2	53.8	66.7	80.1	93.7	109.1	124.6
-45°	0.0	7.9	17.5	27.7	39.1	51.0	62.9	75.2	88.0	101.5	115.8
-47.5°	0.0	7.5	16.6	26.0	37.0	48.0	58.9	70.6	82.2	93.8	107.3
-50°	0.0	7.2	15.7	24.6	34.7	45.0	55.2	65.9	76.5	87.4	98.9
-52.5°	0.0	6.8	14.7	23.2	32.4	42.0	51.6	61.0	70.9	80.9	90.7
-55°	0.0	6.4	13.8	21.7	30.1	39.0	47.9	56.2	65.4	74.3	83.4
-57.5°	0.0	6.0	12.8	20.2	27.6	36.0	44.1	51.9	59.8	68.0	76.0
-60°	0.0	5.6	11.7	18.6	25.2	32.9	40.3	47.6	54.3	61.7	68.7
-62.5°	0.0	5.2	10.9	17.1	23.1	29.7	36.6	43.2	49.3	55.3	61.8
-65°	0.0	4.8	10.0	15.4	20.9	26.5	32.8	38.7	44.3	49.5	54.8
-67.5°	0.0	4.3	9.0	13.8	18.8	23.6	29.0	34.3	39.2	43.9	48.4
-70°	0.0	3.9	8.1	12.1	16.6	20.9	25.1	29.9	34.3	38.2	42.2
-72.5°	0.0	3.4	7.1	10.6	14.4	18.1	21.8	25.5	29.4	32.9	36.1
-75°	0.0	2.9	6.1	9.1	12.1	15.4	18.5	21.5	24.5	27.6	30.4
-77.5°	0.0	2.4	5.1	7.6	10.1	12.6	15.2	17.8	20.2	22.5	24.8
-80°	0.0	2.0	4.1	6.1	8.1	10.0	11.9	14.0	16.0	17.9	19.7
-82.5°	0.0	1.5	3.1	4.6	6.1	7.5	8.9	10.3	11.8	13.3	14.7
-85°	0.0	1.0	2.1	3.1	4.1	5.0	5.9	6.9	7.9	8.8	9.7
-87.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.9	4.4	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-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°	4.6	4.8	4.9	5.0	5.3	5.4	5.6	5.7	5.8	5.9	6.0
85°	9.2	9.6	10.7	11.8	12.9	14.0	14.9	15.7	16.4	16.9	17.3
82.5°	18.0	19.9	21.7	23.4	25.0	26.4	27.8	29.3	30.6	31.6	32.5
80°	27.6	30.2	33.4	36.4	39.1	41.6	43.8	45.9	47.5	49.0	50.6
77.5°	38.8	43.0	47.0	50.7	54.2	58.3	62.1	65.6	68.3	70.3	71.9
75°	50.8	55.9	61.7	67.4	72.7	77.7	82.5	88.3	93.1	96.6	99.5
72.5°	63.7	70.9	78.0	84.8	92.7	100.3	107.8	115.0	121.3	125.9	129.7
70°	77.6	86.0	95.7	105.6	115.0	124.7	134.9	144.2	152.0	157.4	162.7
67.5°	91.8	103.6	115.1	126.9	140.4	152.6	163.8	175.6	186.1	192.9	198.9
65°	108.1	121.3	136.7	152.4	167.1	182.4	196.6	209.5	222.6	232.1	240.0
62.5°	123.9	142.5	160.6	179.0	197.6	214.2	232.7	249.1	262.3	276.0	287.7
60°	142.6	164.7	187.0	209.2	229.9	253.3	273.5	292.7	310.3	325.6	340.0
57.5°	161.3	189.8	216.2	242.3	269.7	294.6	318.5	339.9	361.0	378.6	395.9
55°	181.0	217.7	248.2	280.3	310.5	338.7	365.4	392.3	414.8	439.1	460.2
52.5°	202.8	244.8	284.1	319.5	353.5	386.1	418.1	450.4	482.0	507.2	531.1
50°	223.3	273.3	320.6	360.9	400.1	438.7	478.7	519.1	553.9	582.7	607.6
47.5°	245.7	299.7	359.8	404.5	451.4	499.3	547.9	592.5	630.4	669.6	697.1
45°	267.6	326.5	391.6	453.7	508.0	566.0	619.4	668.7	723.7	766.5	803.1
42.5°	287.6	351.8	424.4	503.3	571.2	633.4	691.3	760.6	823.8	873.8	919.6
40°	308.2	374.9	454.1	549.5	634.3	700.7	771.1	847.8	930.0	991.5	1046.2
37.5°	327.0	398.5	481.4	584.7	696.4	769.4	847.3	930.4	1024.1	1116.6	1182.4
35°	343.6	418.5	508.4	613.3	727.7	835.9	918.4	1006.8	1109.4	1229.5	1319.3
32.5°	358.7	434.8	529.8	635.6	751.6	878.6	983.2	1074.0	1176.9	1300.8	1453.4
30°	371.0	450.7	545.8	651.7	768.1	894.6	1027.4	1126.3	1224.0	1345.6	1487.6
27.5°	380.4	462.2	556.8	661.8	776.9	902.0	1029.7	1151.8	1246.3	1360.8	1489.9
25°	387.5	471.7	562.6	665.5	778.2	898.7	1021.6	1137.2	1243.3	1344.2	1460.1
22.5°	393.5	478.3	568.9	663.0	772.3	887.1	1002.7	1112.9	1215.6	1310.1	1409.7
20°	397.9	482.4	572.2	665.5	762.5	868.4	978.9	1083.7	1183.0	1274.4	1355.5
17.5°	399.9	483.7	572.2	665.0	760.8	853.4	949.7	1050.4	1148.0	1238.9	1319.0
15°	399.5	482.1	569.0	661.5	755.8	847.6	936.3	1019.4	1110.2	1202.1	1281.9
12.5°	396.9	477.7	562.9	654.9	747.7	838.4	925.5	1008.9	1090.4	1167.3	1243.6
10°	392.0	470.7	553.8	645.2	736.5	825.8	911.8	995.5	1076.1	1151.7	1222.7
7.5°	387.1	462.9	542.8	632.5	722.2	810.0	895.2	979.0	1058.1	1133.5	1205.2
5°	380.6	454.7	534.5	620.4	706.9	792.5	875.9	959.3	1036.3	1112.4	1184.3
2.5°	372.3	444.4	523.9	605.7	689.7	774.4	854.9	936.8	1015.8	1088.9	1159.8
0°	362.4	432.2	511.2	588.3	669.6	753.2	830.7	910.8	992.9	1061.9	1131.3
-2.5°	351.6	417.6	492.7	569.4	648.0	729.9	809.4	885.4	965.6	1035.4	1106.3
-5°	339.5	401.6	472.2	548.1	623.8	703.7	784.6	856.9	933.6	1002.5	1072.3
-7.5°	326.3	384.2	450.1	524.1	596.3	671.6	748.2	817.8	892.3	960.5	1028.5
-10°	312.3	367.1	428.6	497.0	565.1	635.3	707.3	775.3	847.0	915.0	980.3
-12.5°	299.0	350.2	406.4	468.7	532.1	597.0	664.0	729.7	797.7	866.0	927.0
-15°	284.9	332.4	383.5	439.3	497.7	557.2	618.6	680.8	744.6	811.5	867.8
-17.5°	270.4	314.0	360.1	409.3	462.1	516.0	572.5	632.5	690.9	751.8	806.3
-20°	255.6	295.0	336.5	378.9	425.9	477.5	530.4	584.2	637.2	690.3	741.5



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-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°	240.5	275.6	313.4	350.7	395.4	441.9	488.3	535.1	582.7	628.3	676.8
-25°	226.0	257.6	291.0	327.2	365.6	406.6	446.5	486.0	528.3	571.0	612.8
-27.5°	212.0	239.9	271.4	303.7	335.7	372.2	407.1	440.6	477.5	515.2	548.9
-30°	197.9	224.4	252.0	280.7	308.8	339.3	369.5	398.9	428.9	461.2	490.4
-32.5°	184.9	209.1	234.2	259.3	283.2	306.9	334.7	360.8	385.4	408.4	433.9
-35°	173.0	195.1	217.0	238.7	258.3	279.1	302.5	324.5	344.2	362.7	382.1
-37.5°	161.8	181.5	199.9	219.3	236.7	254.6	271.7	290.8	306.8	321.5	337.5
-40°	150.6	168.1	184.7	200.9	216.9	231.8	246.5	259.4	272.3	286.5	297.5
-42.5°	139.5	155.8	170.6	183.1	198.1	211.0	222.4	233.1	243.6	254.7	263.5
-45°	129.7	143.6	157.1	169.0	180.4	191.3	200.9	209.4	219.3	227.0	233.7
-47.5°	119.8	131.9	144.3	155.2	164.7	173.6	180.7	189.2	197.4	204.0	207.8
-50°	110.1	121.2	131.6	141.8	150.4	157.6	163.8	170.7	177.5	183.1	186.8
-52.5°	101.1	110.4	120.1	128.8	136.7	143.1	149.0	155.0	160.0	163.8	168.7
-55°	92.3	100.8	108.9	116.7	123.5	129.4	135.1	140.5	144.7	148.0	152.0
-57.5°	84.0	91.7	98.7	105.3	111.4	116.4	122.0	126.6	130.6	133.7	137.8
-60°	75.9	82.7	89.2	94.9	99.9	104.8	109.4	113.7	117.1	120.2	124.0
-62.5°	67.8	74.0	79.8	85.1	89.6	93.7	97.9	101.5	104.3	107.5	110.7
-65°	60.3	65.5	70.6	75.4	79.7	83.6	87.0	89.9	92.6	95.4	98.0
-67.5°	52.8	57.7	61.9	65.7	69.7	73.5	76.6	79.3	81.6	83.9	86.0
-70°	46.1	50.0	53.8	57.3	60.3	63.4	66.5	69.0	71.0	72.8	74.6
-72.5°	39.4	42.9	46.1	49.1	51.8	54.3	56.7	59.0	60.9	62.3	63.6
-75°	33.2	35.8	38.6	41.2	43.4	45.4	47.2	49.0	50.6	51.8	52.8
-77.5°	27.1	29.4	31.5	33.5	35.1	36.7	38.1	39.4	40.6	41.5	42.2
-80°	21.3	22.9	24.7	26.3	27.5	28.6	29.5	30.3	31.1	32.0	32.8
-82.5°	15.9	17.0	18.2	19.3	20.1	20.9	21.5	22.1	22.7	23.3	23.8
-85°	10.4	11.1	11.8	12.4	13.1	13.7	14.2	14.7	15.0	15.3	15.5
-87.5°	5.2	5.5	5.9	6.1	6.5	6.8	7.1	7.4	7.5	7.7	7.8
-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: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-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°	6.0	6.0	6.0	5.9	5.9	5.7	5.4	5.1	4.8	5.0	5.1
85°	17.6	17.7	17.6	17.4	17.2	17.1	17.1	16.9	16.8	17.0	17.2
82.5°	33.1	33.4	33.4	33.2	32.9	33.0	33.1	33.0	32.8	33.0	33.2
80°	51.7	52.2	52.2	51.9	51.2	51.3	51.3	51.2	50.8	50.9	50.9
77.5°	73.7	74.8	75.2	75.1	74.4	74.1	73.6	72.6	71.1	71.1	71.1
75°	101.6	102.8	103.4	103.4	102.7	102.3	101.6	100.5	98.8	98.8	98.8
72.5°	132.6	134.3	135.0	135.7	135.7	135.5	134.6	132.9	130.4	130.1	130.4
70°	166.7	169.6	171.4	172.8	173.9	174.1	173.6	172.2	170.0	169.4	169.2
67.5°	204.8	209.4	212.8	215.1	217.3	218.8	219.4	218.8	217.0	216.4	216.7
65°	247.4	254.4	260.3	264.6	267.6	269.7	271.5	272.6	272.8	273.5	274.3
62.5°	297.1	305.8	313.9	319.5	322.4	324.4	330.2	333.6	334.6	334.8	336.1
60°	352.7	363.7	373.8	382.0	388.6	393.6	398.6	401.9	403.1	403.3	405.1
57.5°	413.5	427.3	439.1	451.8	460.6	465.7	472.4	479.2	482.8	483.8	488.0
55°	480.7	499.6	515.0	528.5	540.8	551.6	560.8	567.8	573.0	576.2	581.7
52.5°	555.1	577.2	593.4	609.2	626.9	639.3	647.4	660.4	669.9	675.1	681.8
50°	636.7	661.4	683.4	700.0	720.5	737.5	749.8	762.2	770.9	775.9	782.3
47.5°	729.6	760.1	785.5	800.9	824.7	844.8	852.8	862.2	878.5	886.3	893.2
45°	834.3	873.1	901.4	925.5	946.0	968.4	983.1	993.7	1009.8	1017.9	1022.9
42.5°	958.8	1001.9	1039.2	1068.2	1085.4	1114.5	1135.7	1141.7	1164.5	1179.9	1184.4
40°	1098.4	1146.2	1195.4	1228.4	1256.1	1285.7	1320.7	1340.2	1359.5	1374.6	1378.0
37.5°	1243.9	1307.9	1364.1	1406.7	1452.5	1496.1	1533.3	1553.5	1566.1	1595.0	1605.8
35°	1391.8	1457.9	1536.6	1602.8	1658.3	1712.2	1754.5	1787.8	1819.6	1845.6	1861.3
32.5°	1517.8	1588.9	1686.0	1785.1	1845.1	1903.4	1973.0	2011.1	2053.5	2087.8	2112.9
30°	1621.3	1688.9	1777.3	1901.7	1983.8	2042.9	2130.9	2183.7	2229.8	2288.0	2308.3
27.5°	1626.2	1731.8	1810.0	1917.1	2040.3	2100.3	2165.5	2261.4	2290.5	2373.4	2385.4
25°	1583.5	1694.4	1774.8	1864.2	1966.6	2039.6	2099.1	2178.8	2220.6	2273.9	2314.9
22.5°	1516.7	1614.5	1696.5	1772.3	1852.3	1918.7	1973.0	2029.1	2074.9	2116.3	2154.8
20°	1443.0	1535.8	1613.6	1678.8	1742.1	1803.7	1852.6	1899.7	1939.3	1974.9	1996.7
17.5°	1391.1	1457.9	1537.3	1604.1	1659.0	1707.3	1757.9	1797.3	1832.1	1864.1	1884.1
15°	1355.6	1419.1	1475.7	1537.0	1594.8	1640.9	1679.0	1719.7	1749.7	1777.3	1798.9
12.5°	1318.8	1384.2	1443.4	1494.5	1539.8	1590.1	1630.9	1662.8	1694.4	1716.0	1738.2
10°	1288.1	1349.3	1410.7	1464.6	1512.3	1553.8	1592.3	1628.2	1656.4	1680.7	1698.3
7.5°	1270.3	1330.3	1385.5	1437.2	1483.6	1527.8	1567.6	1600.5	1628.5	1653.6	1672.0
5°	1249.6	1309.0	1364.1	1416.9	1461.6	1504.0	1543.6	1577.5	1606.5	1628.8	1646.4
2.5°	1225.9	1284.4	1339.4	1393.1	1437.8	1478.7	1516.2	1549.2	1579.4	1600.7	1615.7
0°	1198.8	1257.5	1311.2	1361.8	1406.7	1450.8	1485.3	1518.7	1548.2	1569.3	1584.3
-2.5°	1171.6	1229.9	1285.5	1334.0	1378.5	1419.3	1456.0	1487.5	1515.7	1536.7	1549.9
-5°	1135.4	1193.3	1248.2	1297.0	1343.6	1384.5	1420.2	1452.2	1479.4	1502.3	1520.1
-7.5°	1091.5	1150.1	1204.9	1254.8	1301.1	1339.8	1374.1	1406.3	1435.3	1460.3	1482.3
-10°	1043.3	1101.2	1153.0	1199.8	1242.9	1282.2	1318.7	1350.5	1377.1	1401.6	1420.1
-12.5°	987.1	1040.8	1091.4	1137.5	1179.7	1219.0	1253.7	1284.1	1310.8	1332.5	1349.2
-15°	925.1	976.1	1024.1	1071.1	1115.3	1154.0	1184.5	1216.5	1239.7	1260.8	1275.8
-17.5°	858.8	908.0	958.5	1005.8	1046.5	1084.7	1118.3	1147.5	1171.9	1191.2	1208.1
-20°	791.6	841.8	890.3	935.3	974.5	1009.9	1044.0	1072.1	1097.0	1118.0	1137.9



REPORT NUMBER: P558538 (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°	724.1	770.1	815.7	859.7	896.8	930.2	960.0	986.9	1009.0	1033.7	1051.2
-25°	654.8	695.0	736.3	775.1	810.2	843.1	870.1	893.7	916.6	940.6	957.6
-27.5°	585.1	620.7	654.1	688.6	719.3	747.8	772.9	793.5	815.7	831.7	850.5
-30°	516.2	548.5	576.4	600.3	629.2	653.7	673.2	693.7	712.0	727.3	743.1
-32.5°	457.8	480.0	502.2	522.2	541.4	561.5	577.3	595.1	607.7	620.9	633.7
-35°	401.7	418.8	433.6	452.3	466.7	477.6	490.7	503.8	508.9	523.2	530.8
-37.5°	350.9	362.1	375.9	389.0	399.7	407.9	419.5	426.4	430.0	439.2	444.2
-40°	307.5	314.5	327.4	336.3	342.8	348.8	358.4	362.9	367.8	372.4	372.6
-42.5°	269.3	278.4	287.1	294.0	298.1	304.9	309.5	310.0	316.4	320.5	321.1
-45°	238.0	247.3	254.2	259.3	263.3	269.1	272.1	273.7	279.0	281.8	283.0
-47.5°	214.0	220.4	226.4	230.4	235.7	240.0	242.1	244.9	248.9	251.5	253.3
-50°	192.8	198.0	202.5	206.2	211.5	215.3	217.3	220.7	223.7	225.6	227.0
-52.5°	174.3	178.8	182.0	185.5	189.9	193.3	195.9	199.3	201.8	203.4	204.7
-55°	156.9	161.2	164.3	168.1	171.3	173.6	175.8	179.1	181.5	183.2	184.2
-57.5°	141.6	144.8	147.8	151.3	154.3	156.7	158.7	160.6	162.2	163.5	164.6
-60°	127.2	129.8	132.6	135.3	137.6	139.3	141.5	143.1	144.2	144.8	145.7
-62.5°	113.4	115.8	118.2	120.4	122.2	123.7	125.4	126.8	127.8	128.4	128.9
-65°	100.2	102.2	104.3	106.2	107.7	109.0	110.3	111.2	111.9	112.5	112.9
-67.5°	88.0	89.6	91.0	92.3	93.4	94.5	95.6	96.4	96.8	97.2	97.7
-70°	76.1	77.4	78.4	79.1	79.8	80.7	81.7	82.4	82.8	83.3	83.7
-72.5°	64.7	65.6	66.4	67.0	67.4	68.0	68.7	69.3	69.7	70.0	70.2
-75°	53.6	54.4	55.1	55.5	55.8	56.2	56.6	56.8	56.9	57.0	57.1
-77.5°	42.8	43.5	44.2	44.7	44.9	45.3	45.5	45.7	45.8	45.8	45.7
-80°	33.4	33.9	34.4	34.7	34.9	35.1	35.2	35.3	35.2	35.3	35.3
-82.5°	24.3	24.7	25.1	25.4	25.6	25.8	26.0	26.1	26.2	26.2	26.2
-85°	15.7	15.9	16.1	16.3	16.5	16.6	16.7	16.7	16.6	16.7	16.6
-87.5°	7.9	7.8	7.7	7.5	7.3	7.4	7.4	7.4	7.4	7.5	7.6
-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: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-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°	5.3	5.4	5.0	4.6	5.0	5.4	5.3	5.1	5.0	4.8	5.1
85°	17.4	17.5	17.2	16.9	17.2	17.5	17.4	17.2	17.0	16.8	16.9
82.5°	33.3	33.2	33.0	32.6	33.0	33.2	33.3	33.2	33.0	32.8	33.0
80°	50.7	50.4	50.2	49.9	50.2	50.4	50.7	50.9	50.9	50.8	51.2
77.5°	70.9	70.5	71.2	71.7	71.2	70.5	70.9	71.1	71.1	71.1	72.6
75°	98.4	97.7	96.9	95.9	96.9	97.7	98.4	98.8	98.8	98.8	100.5
72.5°	130.3	129.7	129.1	128.1	129.1	129.7	130.3	130.4	130.1	130.4	132.9
70°	168.2	166.4	166.7	166.8	166.7	166.4	168.2	169.2	169.4	170.0	172.2
67.5°	216.0	214.3	214.6	214.4	214.6	214.3	216.0	216.7	216.4	217.0	218.8
65°	273.8	271.9	269.7	266.5	269.7	271.9	273.8	274.3	273.5	272.8	272.6
62.5°	335.9	334.3	335.3	336.0	335.3	334.3	335.9	336.1	334.8	334.6	333.6
60°	404.8	402.5	401.4	399.6	401.4	402.5	404.8	405.1	403.3	403.1	401.9
57.5°	490.0	489.5	488.5	485.9	488.5	489.5	490.0	488.0	483.8	482.8	479.2
55°	584.4	583.9	586.0	588.7	586.0	583.9	584.4	581.7	576.2	573.0	567.8
52.5°	686.7	688.4	687.8	684.2	687.8	688.4	686.7	681.8	675.1	669.9	660.4
50°	788.0	789.9	792.0	793.9	792.0	789.9	788.0	782.3	775.9	770.9	762.2
47.5°	902.7	907.8	908.7	905.1	908.7	907.8	902.7	893.2	886.3	878.5	862.2
45°	1033.1	1036.2	1037.8	1040.8	1037.8	1036.2	1033.1	1022.9	1017.9	1009.8	993.7
42.5°	1197.5	1201.0	1201.6	1205.0	1201.6	1201.0	1197.5	1184.4	1179.9	1164.5	1141.7
40°	1392.6	1398.4	1397.4	1396.0	1397.4	1398.4	1392.6	1378.0	1374.6	1359.5	1340.2
37.5°	1621.1	1630.9	1631.9	1638.0	1631.9	1630.9	1621.1	1605.8	1595.0	1566.1	1553.5
35°	1877.4	1889.0	1887.0	1889.9	1887.0	1889.0	1877.4	1861.3	1845.6	1819.6	1787.8
32.5°	2136.0	2153.4	2156.8	2171.4	2156.8	2153.4	2136.0	2112.9	2087.8	2053.5	2011.1
30°	2339.1	2363.4	2379.3	2378.1	2379.3	2363.4	2339.1	2308.3	2288.0	2229.8	2183.7
27.5°	2423.3	2454.8	2484.3	2493.2	2484.3	2454.8	2423.3	2385.4	2373.4	2290.5	2261.4
25°	2341.2	2364.2	2390.2	2404.2	2390.2	2364.2	2341.2	2314.9	2273.9	2220.6	2178.8
22.5°	2172.5	2187.4	2196.3	2189.1	2196.3	2187.4	2172.5	2154.8	2116.3	2074.9	2029.1
20°	2019.4	2038.3	2041.8	2049.5	2041.8	2038.3	2019.4	1996.7	1974.9	1939.3	1899.7
17.5°	1905.4	1917.8	1925.1	1926.7	1925.1	1917.8	1905.4	1884.1	1864.1	1832.1	1797.3
15°	1816.1	1826.0	1832.5	1835.5	1832.5	1826.0	1816.1	1798.9	1777.3	1749.7	1719.7
12.5°	1752.8	1764.9	1770.9	1774.5	1770.9	1764.9	1752.8	1738.2	1716.0	1694.4	1662.8
10°	1712.2	1723.9	1728.6	1730.4	1728.6	1723.9	1712.2	1698.3	1680.7	1656.4	1628.2
7.5°	1683.1	1690.6	1693.8	1696.2	1693.8	1690.6	1683.1	1672.0	1653.6	1628.5	1600.5
5°	1659.6	1665.6	1668.9	1672.5	1668.9	1665.6	1659.6	1646.4	1628.8	1606.5	1577.5
2.5°	1627.6	1636.1	1642.0	1645.6	1642.0	1636.1	1627.6	1615.7	1600.7	1579.4	1549.2
0°	1596.2	1604.2	1608.4	1615.3	1608.4	1604.2	1596.2	1584.3	1569.3	1548.2	1518.7
-2.5°	1561.6	1570.9	1582.0	1592.7	1582.0	1570.9	1561.6	1549.9	1536.7	1515.7	1487.5
-5°	1535.2	1547.5	1549.8	1556.7	1549.8	1547.5	1535.2	1520.1	1502.3	1479.4	1452.2
-7.5°	1495.3	1500.9	1510.5	1512.2	1510.5	1500.9	1495.3	1482.3	1460.3	1435.3	1406.3
-10°	1433.8	1443.0	1448.9	1455.0	1448.9	1443.0	1433.8	1420.1	1401.6	1377.1	1350.5
-12.5°	1361.7	1372.4	1382.0	1380.6	1382.0	1372.4	1361.7	1349.2	1332.5	1310.8	1284.1
-15°	1291.3	1301.7	1308.3	1307.4	1308.3	1301.7	1291.3	1275.8	1260.8	1239.7	1216.5
-17.5°	1221.5	1231.0	1240.5	1240.3	1240.5	1231.0	1221.5	1208.1	1191.2	1171.9	1147.5
-20°	1149.4	1157.5	1167.7	1172.0	1167.7	1157.5	1149.4	1137.9	1118.0	1097.0	1072.1



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-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°	1066.0	1076.4	1083.8	1088.4	1083.8	1076.4	1066.0	1051.2	1033.7	1009.0	986.9
-25°	968.9	979.5	985.2	987.1	985.2	979.5	968.9	957.6	940.6	916.6	893.7
-27.5°	861.5	873.4	879.3	876.3	879.3	873.4	861.5	850.5	831.7	815.7	793.5
-30°	751.4	759.1	760.0	766.6	760.0	759.1	751.4	743.1	727.3	712.0	693.7
-32.5°	642.8	648.0	645.0	645.4	645.0	648.0	642.8	633.7	620.9	607.7	595.1
-35°	535.6	539.7	540.5	548.0	540.5	539.7	535.6	530.8	523.2	508.9	503.8
-37.5°	449.3	451.0	448.5	444.9	448.5	451.0	449.3	444.2	439.2	430.0	426.4
-40°	376.2	377.5	376.6	374.7	376.6	377.5	376.2	372.6	372.4	367.8	362.9
-42.5°	323.6	323.7	322.8	322.5	322.8	323.7	323.6	321.1	320.5	316.4	310.0
-45°	284.7	285.1	285.1	284.9	285.1	285.1	284.7	283.0	281.8	279.0	273.7
-47.5°	254.6	254.7	254.3	253.5	254.3	254.7	254.6	253.3	251.5	248.9	244.9
-50°	227.9	227.9	228.4	229.3	228.4	227.9	227.9	227.0	225.6	223.7	220.7
-52.5°	205.3	205.3	205.5	205.9	205.5	205.3	205.3	204.7	203.4	201.8	199.3
-55°	184.7	184.6	184.3	183.7	184.3	184.6	184.7	184.2	183.2	181.5	179.1
-57.5°	165.0	164.8	164.3	163.4	164.3	164.8	165.0	164.6	163.5	162.2	160.6
-60°	146.2	146.3	146.0	145.3	146.0	146.3	146.2	145.7	144.8	144.2	143.1
-62.5°	129.0	128.7	128.7	128.5	128.7	128.7	129.0	128.9	128.4	127.8	126.8
-65°	113.0	112.7	112.8	112.8	112.8	112.7	113.0	112.9	112.5	111.9	111.2
-67.5°	97.9	97.8	97.9	97.8	97.9	97.8	97.9	97.7	97.2	96.8	96.4
-70°	84.0	84.0	83.5	82.8	83.5	84.0	84.0	83.7	83.3	82.8	82.4
-72.5°	70.2	69.9	69.9	69.8	69.9	69.9	70.2	70.2	70.0	69.7	69.3
-75°	57.0	56.9	57.2	57.5	57.2	56.9	57.0	57.1	57.0	56.9	56.8
-77.5°	45.5	45.1	45.4	45.6	45.4	45.1	45.5	45.7	45.8	45.8	45.7
-80°	35.3	35.2	35.1	34.9	35.1	35.2	35.3	35.3	35.3	35.2	35.3
-82.5°	26.1	26.0	25.9	25.7	25.9	26.0	26.1	26.2	26.2	26.2	26.1
-85°	16.5	16.4	16.7	16.9	16.7	16.4	16.5	16.6	16.7	16.6	16.7
-87.5°	7.6	7.7	7.5	7.3	7.5	7.7	7.6	7.6	7.5	7.4	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-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°	5.4	5.7	5.9	5.9	6.0	6.0	6.0	6.0	5.9	5.8	5.7
85°	17.1	17.1	17.2	17.4	17.6	17.7	17.6	17.3	16.9	16.4	15.7
82.5°	33.1	33.0	32.9	33.2	33.4	33.4	33.1	32.5	31.6	30.6	29.3
80°	51.3	51.3	51.2	51.9	52.2	52.2	51.7	50.6	49.0	47.5	45.9
77.5°	73.6	74.1	74.4	75.1	75.2	74.8	73.7	71.9	70.3	68.3	65.6
75°	101.6	102.3	102.7	103.4	103.4	102.8	101.6	99.5	96.6	93.1	88.3
72.5°	134.6	135.5	135.7	135.7	135.0	134.3	132.6	129.7	125.9	121.3	115.0
70°	173.6	174.1	173.9	172.8	171.4	169.6	166.7	162.7	157.4	152.0	144.2
67.5°	219.4	218.8	217.3	215.1	212.8	209.4	204.8	198.9	192.9	186.1	175.6
65°	271.5	269.7	267.6	264.6	260.3	254.4	247.4	240.0	232.1	222.6	209.5
62.5°	330.2	324.4	322.4	319.5	313.9	305.8	297.1	287.7	276.0	262.3	249.1
60°	398.6	393.6	388.6	382.0	373.8	363.7	352.7	340.0	325.6	310.3	292.7
57.5°	472.4	465.7	460.6	451.8	439.1	427.3	413.5	395.9	378.6	361.0	339.9
55°	560.8	551.6	540.8	528.5	515.0	499.6	480.7	460.2	439.1	414.8	392.3
52.5°	647.4	639.3	626.9	609.2	593.4	577.2	555.1	531.1	507.2	482.0	450.4
50°	749.8	737.5	720.5	700.0	683.4	661.4	636.7	607.6	582.7	553.9	519.1
47.5°	852.8	844.8	824.7	800.9	785.5	760.1	729.6	697.1	669.6	630.4	592.5
45°	983.1	968.4	946.0	925.5	901.4	873.1	834.3	803.1	766.5	723.7	668.7
42.5°	1135.7	1114.5	1085.4	1068.2	1039.2	1001.9	958.8	919.6	873.8	823.8	760.6
40°	1320.7	1285.7	1256.1	1228.4	1195.4	1146.2	1098.4	1046.2	991.5	930.0	847.8
37.5°	1533.3	1496.1	1452.5	1406.7	1364.1	1307.9	1243.9	1182.4	1116.6	1024.1	930.4
35°	1754.5	1712.2	1658.3	1602.8	1536.6	1457.9	1391.8	1319.3	1229.5	1109.4	1006.8
32.5°	1973.0	1903.4	1845.1	1785.1	1686.0	1588.9	1517.8	1453.4	1300.8	1176.9	1074.0
30°	2130.9	2042.9	1983.8	1901.7	1777.3	1688.9	1621.3	1487.6	1345.6	1224.0	1126.3
27.5°	2165.5	2100.3	2040.3	1917.1	1810.0	1731.8	1626.2	1489.9	1360.8	1246.3	1151.8
25°	2099.1	2039.6	1966.6	1864.2	1774.8	1694.4	1583.5	1460.1	1344.2	1243.3	1137.2
22.5°	1973.0	1918.7	1852.3	1772.3	1696.5	1614.5	1516.7	1409.7	1310.1	1215.6	1112.9
20°	1852.6	1803.7	1742.1	1678.8	1613.6	1535.8	1443.0	1355.5	1274.4	1183.0	1083.7
17.5°	1757.9	1707.3	1659.0	1604.1	1537.3	1457.9	1391.1	1319.0	1238.9	1148.0	1050.4
15°	1679.0	1640.9	1594.8	1537.0	1475.7	1419.1	1355.6	1281.9	1202.1	1110.2	1019.4
12.5°	1630.9	1590.1	1539.8	1494.5	1443.4	1384.2	1318.8	1243.6	1167.3	1090.4	1008.9
10°	1592.3	1553.8	1512.3	1464.6	1410.7	1349.3	1288.1	1222.7	1151.7	1076.1	995.5
7.5°	1567.6	1527.8	1483.6	1437.2	1385.5	1330.3	1270.3	1205.2	1133.5	1058.1	979.0
5°	1543.6	1504.0	1461.6	1416.9	1364.1	1309.0	1249.6	1184.3	1112.4	1036.3	959.3
2.5°	1516.2	1478.7	1437.8	1393.1	1339.4	1284.4	1225.9	1159.8	1088.9	1015.8	936.8
0°	1485.3	1450.8	1406.7	1361.8	1311.2	1257.5	1198.8	1131.3	1061.9	992.9	910.8
-2.5°	1456.0	1419.3	1378.5	1334.0	1285.5	1229.9	1171.6	1106.3	1035.4	965.6	885.4
-5°	1420.2	1384.5	1343.6	1297.0	1248.2	1193.3	1135.4	1072.3	1002.5	933.6	856.9
-7.5°	1374.1	1339.8	1301.1	1254.8	1204.9	1150.1	1091.5	1028.5	960.5	892.3	817.8
-10°	1318.7	1282.2	1242.9	1199.8	1153.0	1101.2	1043.3	980.3	915.0	847.0	775.3
-12.5°	1253.7	1219.0	1179.7	1137.5	1091.4	1040.8	987.1	927.0	866.0	797.7	729.7
-15°	1184.5	1154.0	1115.3	1071.1	1024.1	976.1	925.1	867.8	811.5	744.6	680.8
-17.5°	1118.3	1084.7	1046.5	1005.8	958.5	908.0	858.8	806.3	751.8	690.9	632.5
-20°	1044.0	1009.9	974.5	935.3	890.3	841.8	791.6	741.5	690.3	637.2	584.2



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	960.0	930.2	896.8	859.7	815.7	770.1	724.1	676.8	628.3	582.7	535.1
-25°	870.1	843.1	810.2	775.1	736.3	695.0	654.8	612.8	571.0	528.3	486.0
-27.5°	772.9	747.8	719.3	688.6	654.1	620.7	585.1	548.9	515.2	477.5	440.6
-30°	673.2	653.7	629.2	600.3	576.4	548.5	516.2	490.4	461.2	428.9	398.9
-32.5°	577.3	561.5	541.4	522.2	502.2	480.0	457.8	433.9	408.4	385.4	360.8
-35°	490.7	477.6	466.7	452.3	433.6	418.8	401.7	382.1	362.7	344.2	324.5
-37.5°	419.5	407.9	399.7	389.0	375.9	362.1	350.9	337.5	321.5	306.8	290.8
-40°	358.4	348.8	342.8	336.3	327.4	314.5	307.5	297.5	286.5	272.3	259.4
-42.5°	309.5	304.9	298.1	294.0	287.1	278.4	269.3	263.5	254.7	243.6	233.1
-45°	272.1	269.1	263.3	259.3	254.2	247.3	238.0	233.7	227.0	219.3	209.4
-47.5°	242.1	240.0	235.7	230.4	226.4	220.4	214.0	207.8	204.0	197.4	189.2
-50°	217.3	215.3	211.5	206.2	202.5	198.0	192.8	186.8	183.1	177.5	170.7
-52.5°	195.9	193.3	189.9	185.5	182.0	178.8	174.3	168.7	163.8	160.0	155.0
-55°	175.8	173.6	171.3	168.1	164.3	161.2	156.9	152.0	148.0	144.7	140.5
-57.5°	158.7	156.7	154.3	151.3	147.8	144.8	141.6	137.8	133.7	130.6	126.6
-60°	141.5	139.3	137.6	135.3	132.6	129.8	127.2	124.0	120.2	117.1	113.7
-62.5°	125.4	123.7	122.2	120.4	118.2	115.8	113.4	110.7	107.5	104.3	101.5
-65°	110.3	109.0	107.7	106.2	104.3	102.2	100.2	98.0	95.4	92.6	89.9
-67.5°	95.6	94.5	93.4	92.3	91.0	89.6	88.0	86.0	83.9	81.6	79.3
-70°	81.7	80.7	79.8	79.1	78.4	77.4	76.1	74.6	72.8	71.0	69.0
-72.5°	68.7	68.0	67.4	67.0	66.4	65.6	64.7	63.6	62.3	60.9	59.0
-75°	56.6	56.2	55.8	55.5	55.1	54.4	53.6	52.8	51.8	50.6	49.0
-77.5°	45.5	45.3	44.9	44.7	44.2	43.5	42.8	42.2	41.5	40.6	39.4
-80°	35.2	35.1	34.9	34.7	34.4	33.9	33.4	32.8	32.0	31.1	30.3
-82.5°	26.0	25.8	25.6	25.4	25.1	24.7	24.3	23.8	23.3	22.7	22.1
-85°	16.7	16.6	16.5	16.3	16.1	15.9	15.7	15.5	15.3	15.0	14.7
-87.5°	7.4	7.4	7.3	7.5	7.7	7.8	7.9	7.8	7.7	7.5	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.6	5.4	5.3	5.0	4.9	4.8	4.6	4.4	4.0	3.6	3.2
85°	14.9	14.0	12.9	11.8	10.7	9.6	9.2	8.8	8.0	7.2	6.4
82.5°	27.8	26.4	25.0	23.4	21.7	19.9	18.0	16.0	13.4	11.0	9.6
80°	43.8	41.6	39.1	36.4	33.4	30.2	27.6	24.7	21.2	17.7	14.4
77.5°	62.1	58.3	54.2	50.7	47.0	43.0	38.8	34.0	28.8	24.4	20.1
75°	82.5	77.7	72.7	67.4	61.7	55.9	50.8	44.9	38.0	31.1	25.7
72.5°	107.8	100.3	92.7	84.8	78.0	70.9	63.7	55.7	47.5	39.5	31.7
70°	134.9	124.7	115.0	105.6	95.7	86.0	77.6	67.8	57.0	47.8	38.8
67.5°	163.8	152.6	140.4	126.9	115.1	103.6	91.8	79.9	67.8	55.9	45.7
65°	196.6	182.4	167.1	152.4	136.7	121.3	108.1	92.4	78.4	65.2	52.5
62.5°	232.7	214.2	197.6	179.0	160.6	142.5	123.9	106.2	89.1	74.3	60.1
60°	273.5	253.3	229.9	209.2	187.0	164.7	142.6	119.6	100.9	83.2	67.8
57.5°	318.5	294.6	269.7	242.3	216.2	189.8	161.3	134.8	112.3	92.9	75.2
55°	365.4	338.7	310.5	280.3	248.2	217.7	181.0	150.5	123.8	102.4	82.1
52.5°	418.1	386.1	353.5	319.5	284.1	244.8	202.8	165.2	136.7	111.6	89.4
50°	478.7	438.7	400.1	360.9	320.6	273.3	223.3	182.8	148.8	120.8	96.4
47.5°	547.9	499.3	451.4	404.5	359.8	299.7	245.7	199.6	160.1	130.6	102.9
45°	619.4	566.0	508.0	453.7	391.6	326.5	267.6	215.1	173.7	139.2	108.9
42.5°	691.3	633.4	571.2	503.3	424.4	351.8	287.6	232.5	186.3	147.0	115.1
40°	771.1	700.7	634.3	549.5	454.1	374.9	308.2	248.8	197.6	154.9	121.4
37.5°	847.3	769.4	696.4	584.7	481.4	398.5	327.0	263.4	207.9	163.5	127.1
35°	918.4	835.9	727.7	613.3	508.4	418.5	343.6	277.2	218.9	171.0	132.2
32.5°	983.2	878.6	751.6	635.6	529.8	434.8	358.7	289.4	228.3	177.6	136.8
30°	1027.4	894.6	768.1	651.7	545.8	450.7	371.0	299.6	236.1	183.0	141.0
27.5°	1029.7	902.0	776.9	661.8	556.8	462.2	380.4	307.7	242.3	188.2	145.3
25°	1021.6	898.7	778.2	665.5	562.6	471.7	387.5	313.7	248.1	193.1	148.9
22.5°	1002.7	887.1	772.3	663.0	568.9	478.3	393.5	318.9	252.7	196.9	151.7
20°	978.9	868.4	762.5	665.5	572.2	482.4	397.9	322.3	255.7	199.4	153.7
17.5°	949.7	853.4	760.8	665.0	572.2	483.7	399.9	323.8	257.1	200.8	155.0
15°	936.3	847.6	755.8	661.5	569.0	482.1	399.5	323.6	257.0	201.1	155.8
12.5°	925.5	838.4	747.7	654.9	562.9	477.7	396.9	321.7	255.5	201.1	156.5
10°	911.8	825.8	736.5	645.2	553.8	470.7	392.0	318.7	254.7	200.7	156.5
7.5°	895.2	810.0	722.2	632.5	542.8	462.9	387.1	315.5	253.1	199.6	156.0
5°	875.9	792.5	706.9	620.4	534.5	454.7	380.6	310.6	250.4	197.6	154.9
2.5°	854.9	774.4	689.7	605.7	523.9	444.4	372.3	304.4	246.7	194.8	153.2
0°	830.7	753.2	669.6	588.3	511.2	432.2	362.4	296.8	242.0	191.4	151.1
-2.5°	809.4	729.9	648.0	569.4	492.7	417.6	351.6	289.2	236.8	188.0	148.9
-5°	784.6	703.7	623.8	548.1	472.2	401.6	339.5	280.6	230.8	184.0	146.2
-7.5°	748.2	671.6	596.3	524.1	450.1	384.2	326.3	271.2	224.0	179.5	143.1
-10°	707.3	635.3	565.1	497.0	428.6	367.1	312.3	261.0	216.5	174.5	139.7
-12.5°	664.0	597.0	532.1	468.7	406.4	350.2	299.0	250.9	208.6	169.0	135.9
-15°	618.6	557.2	497.7	439.3	383.5	332.4	284.9	240.7	200.7	163.3	131.8
-17.5°	572.5	516.0	462.1	409.3	360.1	314.0	270.4	230.0	192.5	157.7	127.8
-20°	530.4	477.5	425.9	378.9	336.5	295.0	255.6	218.8	183.9	151.8	123.6



REPORT NUMBER: P558538 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	488.3	441.9	395.4	350.7	313.4	275.6	240.5	207.3	175.0	145.6	119.2
-25°	446.5	406.6	365.6	327.2	291.0	257.6	226.0	195.5	165.8	139.2	114.5
-27.5°	407.1	372.2	335.7	303.7	271.4	239.9	212.0	184.3	157.0	132.6	109.6
-30°	369.5	339.3	308.8	280.7	252.0	224.4	197.9	173.1	148.9	126.3	104.4
-32.5°	334.7	306.9	283.2	259.3	234.2	209.1	184.9	162.1	140.8	119.9	99.6
-35°	302.5	279.1	258.3	238.7	217.0	195.1	173.0	151.1	132.6	113.4	94.9
-37.5°	271.7	254.6	236.7	219.3	199.9	181.5	161.8	142.0	124.6	106.7	90.0
-40°	246.5	231.8	216.9	200.9	184.7	168.1	150.6	133.4	116.7	99.9	85.1
-42.5°	222.4	211.0	198.1	183.1	170.6	155.8	139.5	124.6	109.1	93.7	80.1
-45°	200.9	191.3	180.4	169.0	157.1	143.6	129.7	115.8	101.5	88.0	75.2
-47.5°	180.7	173.6	164.7	155.2	144.3	131.9	119.8	107.3	93.8	82.2	70.6
-50°	163.8	157.6	150.4	141.8	131.6	121.2	110.1	98.9	87.4	76.5	65.9
-52.5°	149.0	143.1	136.7	128.8	120.1	110.4	101.1	90.7	80.9	70.9	61.0
-55°	135.1	129.4	123.5	116.7	108.9	100.8	92.3	83.4	74.3	65.4	56.2
-57.5°	122.0	116.4	111.4	105.3	98.7	91.7	84.0	76.0	68.0	59.8	51.9
-60°	109.4	104.8	99.9	94.9	89.2	82.7	75.9	68.7	61.7	54.3	47.6
-62.5°	97.9	93.7	89.6	85.1	79.8	74.0	67.8	61.8	55.3	49.3	43.2
-65°	87.0	83.6	79.7	75.4	70.6	65.5	60.3	54.8	49.5	44.3	38.7
-67.5°	76.6	73.5	69.7	65.7	61.9	57.7	52.8	48.4	43.9	39.2	34.3
-70°	66.5	63.4	60.3	57.3	53.8	50.0	46.1	42.2	38.2	34.3	29.9
-72.5°	56.7	54.3	51.8	49.1	46.1	42.9	39.4	36.1	32.9	29.4	25.5
-75°	47.2	45.4	43.4	41.2	38.6	35.8	33.2	30.4	27.6	24.5	21.5
-77.5°	38.1	36.7	35.1	33.5	31.5	29.4	27.1	24.8	22.5	20.2	17.8
-80°	29.5	28.6	27.5	26.3	24.7	22.9	21.3	19.7	17.9	16.0	14.0
-82.5°	21.5	20.9	20.1	19.3	18.2	17.0	15.9	14.7	13.3	11.8	10.3
-85°	14.2	13.7	13.1	12.4	11.8	11.1	10.4	9.7	8.8	7.9	6.9
-87.5°	7.1	6.8	6.5	6.1	5.9	5.5	5.2	4.9	4.4	3.9	3.5
-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):

	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°	2.8	2.3	1.9	1.4	1.0	0.5	0.0
85°	5.5	4.7	3.8	2.9	1.9	0.9	0.0
82.5°	8.3	7.0	5.7	4.3	2.9	1.4	0.0
80°	11.3	9.3	7.5	5.7	3.8	1.9	0.0
77.5°	16.0	12.1	9.4	7.1	4.8	2.4	0.0
75°	20.7	15.9	11.4	8.5	5.7	2.8	0.0
72.5°	25.4	19.7	14.3	9.9	6.7	3.3	0.0
70°	30.1	23.3	17.2	11.4	7.6	3.7	0.0
67.5°	35.8	26.9	20.0	13.4	8.5	4.2	0.0
65°	41.4	30.9	22.7	15.4	9.3	4.6	0.0
62.5°	46.9	35.3	25.3	17.4	10.2	5.0	0.0
60°	52.1	39.5	27.9	19.2	11.0	5.4	0.0
57.5°	58.0	43.5	31.0	21.1	12.2	5.8	0.0
55°	63.7	47.4	34.0	22.8	13.4	6.2	0.0
52.5°	69.1	51.2	36.9	24.5	14.5	6.6	0.0
50°	74.2	55.3	39.6	26.2	15.6	7.0	0.0
47.5°	79.0	59.2	42.2	27.8	16.6	7.3	0.0
45°	84.1	62.8	44.6	29.6	17.6	7.7	0.0
42.5°	88.8	66.2	46.9	31.3	18.6	8.0	0.0
40°	93.0	69.3	49.2	33.0	19.5	8.3	0.0
37.5°	96.9	72.1	51.5	34.5	20.3	8.6	0.0
35°	100.3	74.9	53.6	36.0	21.1	8.9	0.0
32.5°	103.6	77.6	55.5	37.3	21.9	9.1	0.0
30°	107.1	79.9	57.2	38.5	22.6	9.4	0.0
27.5°	110.2	81.9	58.8	39.7	23.2	9.6	0.0
25°	112.8	83.5	60.3	40.7	23.8	9.8	0.0
22.5°	114.9	85.0	61.5	41.6	24.3	10.0	0.0
20°	116.5	86.5	62.5	42.4	24.8	10.1	0.0
17.5°	118.0	87.7	63.3	43.1	25.2	10.3	0.0
15°	119.2	88.6	63.9	43.7	25.6	10.4	0.0
12.5°	119.9	89.3	64.4	44.2	25.9	10.5	0.0
10°	120.2	89.7	64.6	44.5	26.1	10.6	0.0
7.5°	120.1	89.9	64.7	44.8	26.3	10.6	0.0
5°	119.6	89.9	64.6	44.9	26.4	10.7	0.0
2.5°	118.7	89.6	64.4	45.0	26.5	10.7	0.0
0°	117.4	89.0	64.0	44.9	26.5	10.7	0.0
-2.5°	116.0	88.2	63.7	44.7	26.4	10.7	0.0
-5°	114.4	87.1	63.2	44.4	26.3	10.7	0.0
-7.5°	112.4	85.8	62.7	44.0	26.1	10.7	0.0
-10°	110.1	84.3	61.9	43.5	25.9	10.6	0.0
-12.5°	107.6	82.7	61.0	42.9	25.6	10.6	0.0
-15°	104.8	80.8	60.0	42.2	25.2	10.5	0.0
-17.5°	101.8	78.9	58.9	41.4	24.8	10.4	0.0
-20°	98.6	76.7	57.6	40.5	24.4	10.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	95.5	74.5	56.2	39.5	23.9	10.1	0.0
-25°	92.2	72.3	54.7	38.5	23.4	9.9	0.0
-27.5°	88.7	69.9	53.0	37.4	22.8	9.7	0.0
-30°	85.0	67.4	51.2	36.2	22.1	9.5	0.0
-32.5°	81.2	64.8	49.4	34.9	21.4	9.3	0.0
-35°	77.7	62.0	47.5	33.6	20.7	9.0	0.0
-37.5°	74.1	59.2	45.4	32.2	20.0	8.8	0.0
-40°	70.5	56.6	43.3	30.7	19.2	8.5	0.0
-42.5°	66.7	53.8	41.2	29.2	18.4	8.2	0.0
-45°	62.9	51.0	39.1	27.7	17.5	7.9	0.0
-47.5°	58.9	48.0	37.0	26.0	16.6	7.5	0.0
-50°	55.2	45.0	34.7	24.6	15.7	7.2	0.0
-52.5°	51.6	42.0	32.4	23.2	14.7	6.8	0.0
-55°	47.9	39.0	30.1	21.7	13.8	6.4	0.0
-57.5°	44.1	36.0	27.6	20.2	12.8	6.0	0.0
-60°	40.3	32.9	25.2	18.6	11.7	5.6	0.0
-62.5°	36.6	29.7	23.1	17.1	10.9	5.2	0.0
-65°	32.8	26.5	20.9	15.4	10.0	4.8	0.0
-67.5°	29.0	23.6	18.8	13.8	9.0	4.3	0.0
-70°	25.1	20.9	16.6	12.1	8.1	3.9	0.0
-72.5°	21.8	18.1	14.4	10.6	7.1	3.4	0.0
-75°	18.5	15.4	12.1	9.1	6.1	2.9	0.0
-77.5°	15.2	12.6	10.1	7.6	5.1	2.4	0.0
-80°	11.9	10.0	8.1	6.1	4.1	2.0	0.0
-82.5°	8.9	7.5	6.1	4.6	3.1	1.5	0.0
-85°	5.9	5.0	4.1	3.1	2.1	1.0	0.0
-87.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)