

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: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558546 (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-935-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

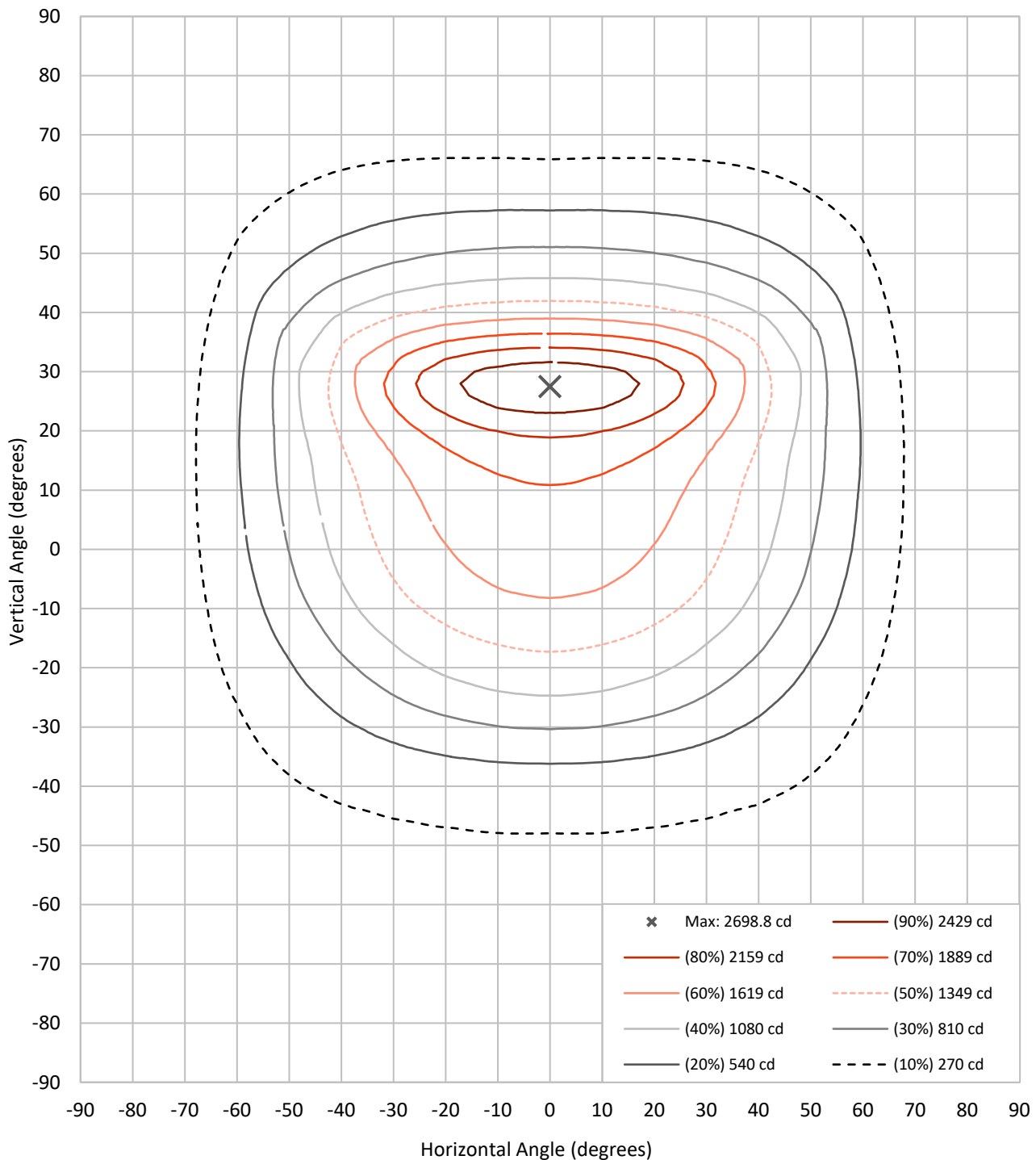
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	3934.4 lumens	Max Intensity:	2698.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	89.4 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:	2044.7 lumens	Field Lumens:	3639.7 lumens
Beam Efficiency:	52.0%	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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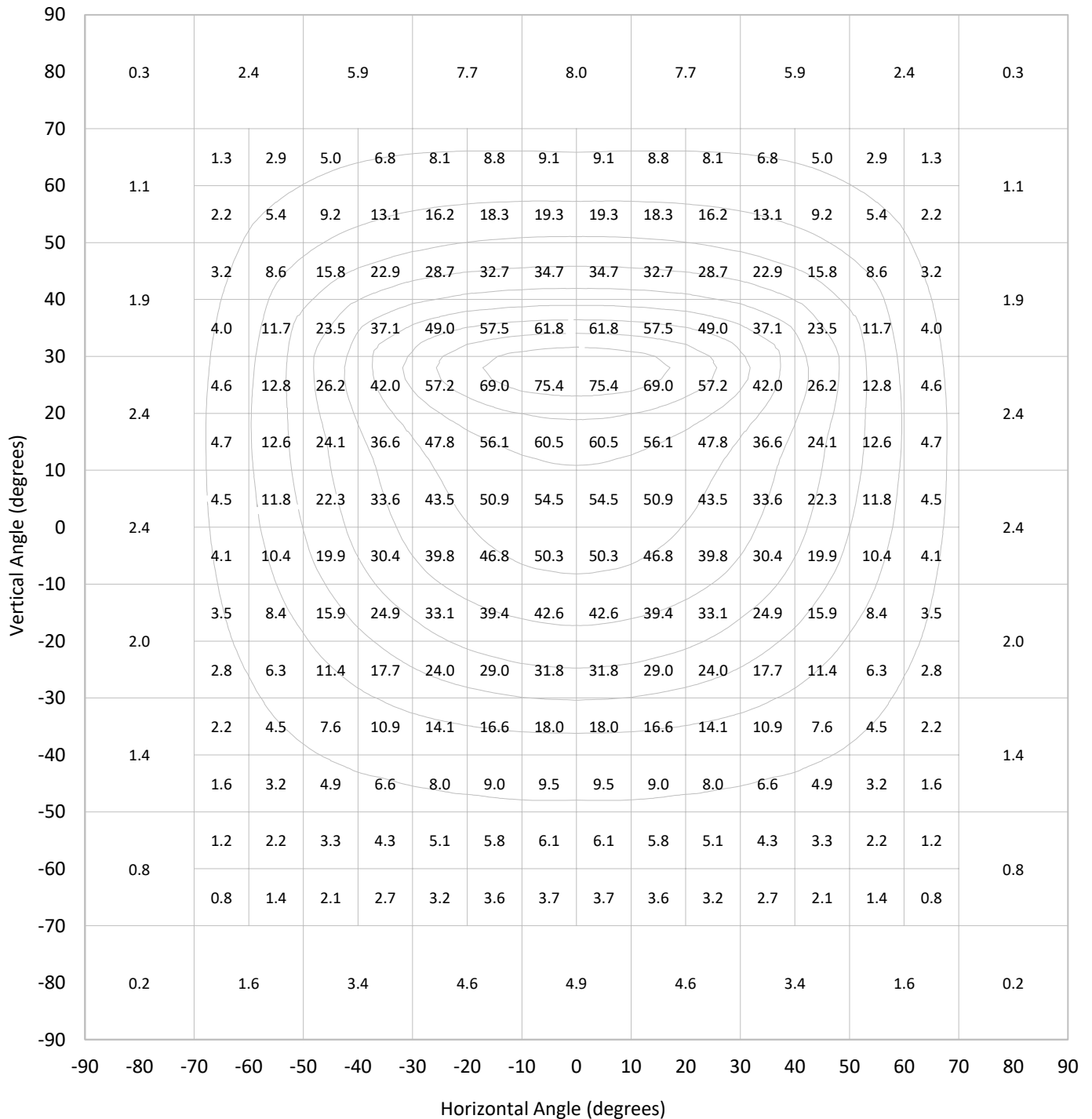
Iso-Candela Plot





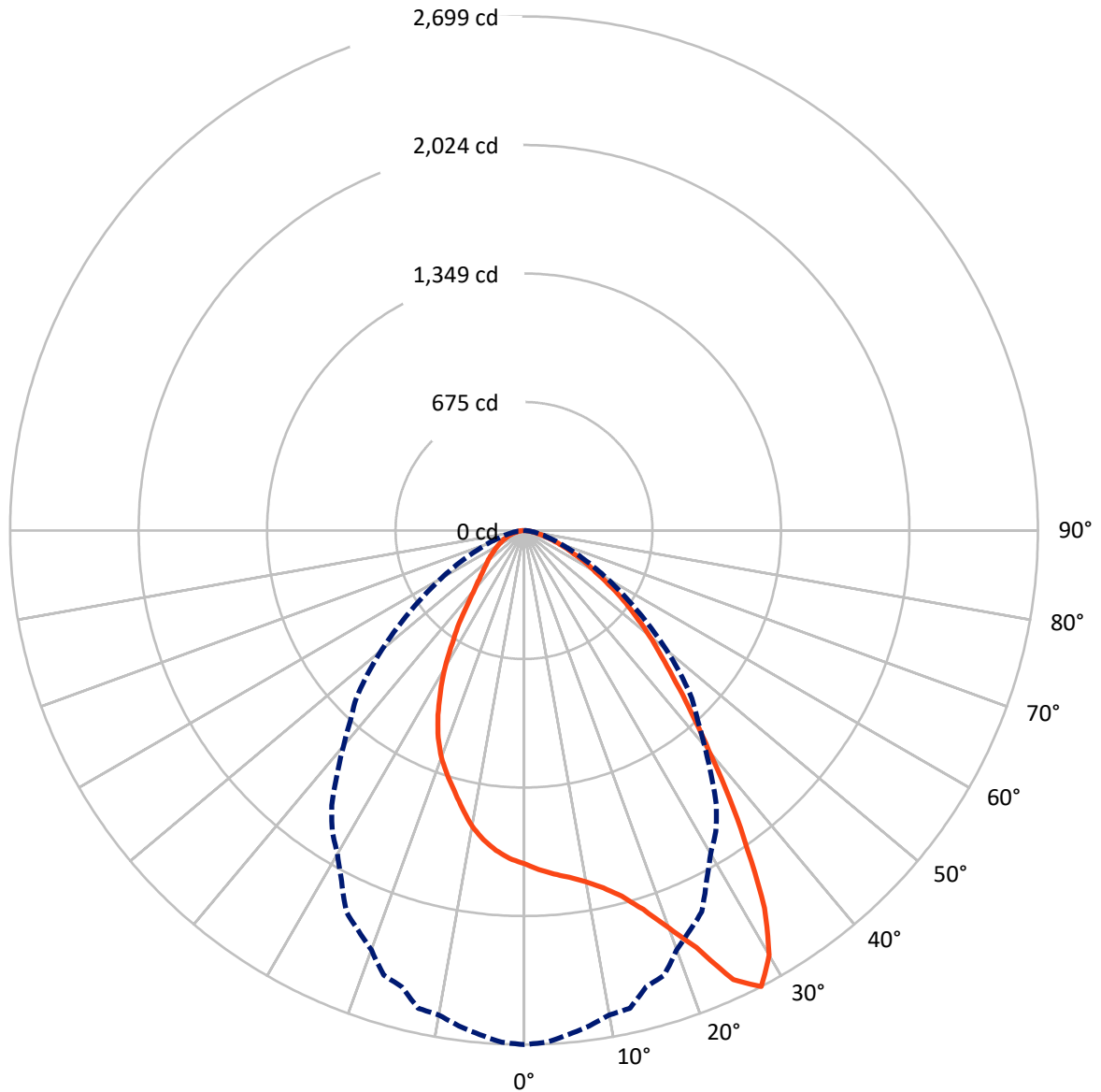
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Lumen Table



REPORT NUMBER: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-935-U-WAF-XX

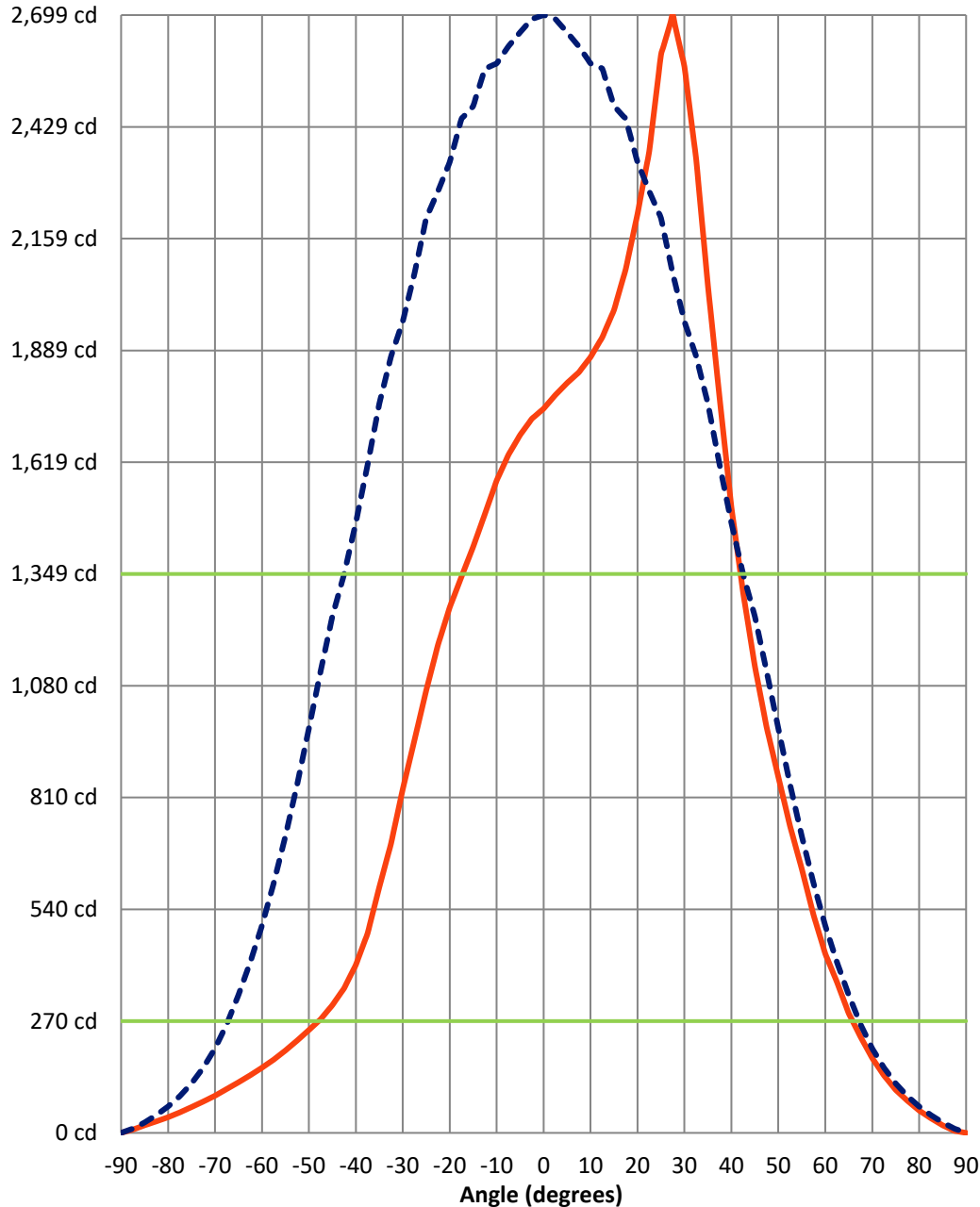
Luminous Intensity Polar Plot



— 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: 2044.7
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 3639.7
 Efficiency: 92.5%

Spill:
 Lumens: 294.7
 Efficiency: 7.5%

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



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 CATALOG NUMBER: GFLD-SA1C-935-U-WAF-XX

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	1.6	2.0	2.5	3.0	3.5	3.9	4.3	4.7
85°	0.0	1.0	2.1	3.1	4.1	5.1	6.0	6.9	7.8	8.6	9.5
82.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.0	10.4	11.9	14.5	17.2
80°	0.0	2.0	4.2	6.2	8.2	10.1	12.2	15.6	19.2	22.9	26.7
77.5°	0.0	2.6	5.2	7.7	10.2	13.2	17.4	21.8	26.4	31.2	36.8
75°	0.0	3.1	6.2	9.2	12.4	17.3	22.5	27.9	33.7	41.1	48.6
72.5°	0.0	3.5	7.2	10.7	15.5	21.3	27.5	34.4	42.8	51.5	60.3
70°	0.0	4.0	8.2	12.3	18.6	25.3	32.6	42.0	51.7	61.7	73.3
67.5°	0.0	4.5	9.2	14.5	21.6	29.2	38.8	49.5	60.4	73.4	86.4
65°	0.0	5.0	10.1	16.7	24.6	33.5	44.9	56.8	70.5	84.8	100.0
62.5°	0.0	5.4	11.0	18.8	27.5	38.2	50.7	65.0	80.4	96.4	114.9
60°	0.0	5.9	11.9	20.9	30.3	42.7	56.3	73.3	90.1	109.2	129.4
57.5°	0.0	6.3	13.2	22.8	33.6	47.1	62.7	81.4	100.5	121.5	145.9
55°	0.0	6.7	14.5	24.7	36.8	51.2	68.9	88.8	110.8	134.0	162.9
52.5°	0.0	7.2	15.7	26.6	39.9	55.3	74.8	96.8	120.7	148.0	178.8
50°	0.0	7.6	16.9	28.4	42.9	59.8	80.3	104.3	130.7	161.1	197.9
47.5°	0.0	7.9	18.0	30.1	45.7	64.1	85.5	111.3	141.4	173.3	216.1
45°	0.0	8.3	19.1	32.1	48.3	68.0	91.0	117.8	150.6	188.0	232.8
42.5°	0.0	8.7	20.1	33.9	50.7	71.6	96.1	124.6	159.1	201.6	251.7
40°	0.0	9.0	21.1	35.7	53.2	75.0	100.7	131.4	167.7	213.9	269.4
37.5°	0.0	9.3	22.0	37.4	55.7	78.0	104.9	137.6	177.0	225.1	285.2
35°	0.0	9.6	22.9	38.9	58.0	81.1	108.6	143.2	185.2	237.0	300.1
32.5°	0.0	9.9	23.7	40.4	60.1	83.9	112.2	148.1	192.2	247.1	313.3
30°	0.0	10.1	24.4	41.7	61.9	86.5	116.0	152.6	198.2	255.6	324.3
27.5°	0.0	10.4	25.1	42.9	63.7	88.6	119.3	157.3	203.7	262.3	333.0
25°	0.0	10.6	25.7	44.0	65.2	90.4	122.1	161.2	209.1	268.5	339.6
22.5°	0.0	10.8	26.3	45.0	66.5	92.0	124.4	164.2	213.1	273.6	345.2
20°	0.0	11.0	26.8	45.9	67.6	93.6	126.2	166.4	215.9	276.8	348.8
17.5°	0.0	11.1	27.3	46.6	68.5	94.9	127.8	167.7	217.4	278.3	350.5
15°	0.0	11.3	27.7	47.3	69.2	95.9	129.0	168.7	217.7	278.2	350.3
12.5°	0.0	11.4	28.0	47.8	69.7	96.7	129.8	169.4	217.7	276.5	348.2
10°	0.0	11.5	28.2	48.2	70.0	97.1	130.1	169.4	217.3	275.7	345.0
7.5°	0.0	11.5	28.4	48.5	70.1	97.3	130.0	168.8	216.0	274.0	341.5
5°	0.0	11.6	28.5	48.6	70.0	97.3	129.4	167.7	213.9	271.1	336.3
2.5°	0.0	11.6	28.6	48.7	69.7	96.9	128.4	165.9	210.9	267.1	329.5
0°	0.0	11.6	28.6	48.6	69.3	96.3	127.0	163.6	207.2	262.0	321.3
-2.5°	0.0	11.6	28.5	48.4	69.0	95.4	125.6	161.2	203.5	256.3	313.1
-5°	0.0	11.6	28.4	48.0	68.5	94.2	123.8	158.3	199.2	249.8	303.8
-7.5°	0.0	11.6	28.2	47.6	67.8	92.9	121.6	155.0	194.3	242.4	293.5
-10°	0.0	11.5	28.0	47.0	67.0	91.3	119.2	151.3	188.9	234.3	282.5
-12.5°	0.0	11.5	27.6	46.4	66.1	89.5	116.5	147.2	182.9	225.7	271.7
-15°	0.0	11.4	27.3	45.6	65.0	87.5	113.5	142.8	176.8	217.3	260.6
-17.5°	0.0	11.2	26.8	44.8	63.7	85.4	110.2	138.4	170.8	208.3	249.0
-20°	0.0	11.1	26.4	43.8	62.3	83.1	106.8	133.9	164.3	199.0	236.9



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 CATALOG NUMBER: GFLD-SA1C-935-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	10.9	25.8	42.8	60.8	80.6	103.4	129.1	157.7	189.4	224.4
-25°	0.0	10.8	25.2	41.7	59.1	78.2	99.8	124.0	150.7	179.5	211.6
-27.5°	0.0	10.6	24.6	40.5	57.3	75.6	96.0	118.7	143.6	169.9	199.5
-30°	0.0	10.3	23.9	39.2	55.4	72.9	92.0	113.1	136.7	161.1	187.4
-32.5°	0.0	10.1	23.2	37.8	53.4	70.1	87.9	107.9	129.9	152.4	175.4
-35°	0.0	9.8	22.4	36.3	51.3	67.1	84.1	102.7	122.8	143.6	163.5
-37.5°	0.0	9.5	21.6	34.8	49.2	64.1	80.2	97.5	115.6	134.8	153.6
-40°	0.0	9.2	20.8	33.2	46.9	61.2	76.3	92.1	108.1	126.3	144.3
-42.5°	0.0	8.9	19.9	31.6	44.6	58.2	72.2	86.7	101.5	118.1	134.9
-45°	0.0	8.5	18.9	29.9	42.4	55.1	68.0	81.4	95.2	109.9	125.3
-47.5°	0.0	8.2	18.0	28.2	40.0	52.0	63.7	76.4	89.0	101.6	116.2
-50°	0.0	7.8	17.0	26.6	37.6	48.7	59.7	71.3	82.8	94.7	107.1
-52.5°	0.0	7.4	16.0	25.1	35.1	45.4	55.8	66.0	76.8	87.6	98.2
-55°	0.0	7.0	14.9	23.5	32.5	42.2	51.8	60.8	70.8	80.4	90.3
-57.5°	0.0	6.5	13.8	21.8	29.9	38.9	47.7	56.2	64.7	73.6	82.3
-60°	0.0	6.1	12.7	20.2	27.2	35.6	43.6	51.5	58.7	66.7	74.4
-62.5°	0.0	5.6	11.8	18.5	25.0	32.2	39.6	46.7	53.3	59.8	66.9
-65°	0.0	5.2	10.8	16.7	22.7	28.8	35.6	41.9	47.9	53.6	59.2
-67.5°	0.0	4.7	9.8	15.0	20.4	25.6	31.4	37.2	42.4	47.5	52.3
-70°	0.0	4.2	8.8	13.2	18.0	22.7	27.2	32.4	37.1	41.4	45.7
-72.5°	0.0	3.7	7.7	11.5	15.6	19.7	23.6	27.6	31.8	35.7	39.1
-75°	0.0	3.2	6.6	9.9	13.2	16.7	20.1	23.4	26.5	29.9	33.0
-77.5°	0.0	2.6	5.6	8.3	10.9	13.7	16.5	19.3	21.9	24.4	26.8
-80°	0.0	2.1	4.5	6.7	8.8	10.9	12.9	15.2	17.4	19.4	21.3
-82.5°	0.0	1.6	3.4	5.0	6.6	8.2	9.7	11.2	12.8	14.4	15.9
-85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.5	8.5	9.6	10.6
-87.5°	0.0	0.5	1.1	1.7	2.2	2.7	3.2	3.8	4.3	4.8	5.3
-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: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	5.0	5.2	5.3	5.5	5.7	5.8	6.0	6.2	6.3	6.4	6.4
85°	10.0	10.4	11.6	12.7	14.0	15.1	16.1	16.9	17.7	18.2	18.7
82.5°	19.5	21.5	23.5	25.4	27.1	28.6	30.0	31.7	33.0	34.2	35.1
80°	29.9	32.7	36.2	39.4	42.3	45.0	47.4	49.6	51.4	53.1	54.8
77.5°	42.0	46.6	50.9	54.8	58.6	63.1	67.2	71.0	73.9	76.1	77.8
75°	55.0	60.5	66.7	72.9	78.7	84.1	89.3	95.6	100.7	104.6	107.7
72.5°	68.9	76.8	84.4	91.9	100.4	108.6	116.7	124.4	131.3	136.3	140.4
70°	83.9	93.1	103.6	114.3	124.5	134.9	146.0	156.1	164.5	170.4	176.1
67.5°	99.3	112.1	124.6	137.4	152.0	165.2	177.3	190.1	201.4	208.8	215.3
65°	117.0	131.3	148.0	165.0	181.0	197.5	212.8	226.7	240.9	251.2	259.7
62.5°	134.1	154.2	173.9	193.8	213.9	231.9	251.8	269.7	284.0	298.8	311.5
60°	154.4	178.3	202.4	226.4	248.9	274.1	296.1	316.8	336.0	352.5	368.0
57.5°	174.6	205.5	234.0	262.2	291.9	318.9	344.7	368.0	390.8	409.9	428.6
55°	195.9	235.7	268.6	303.4	336.1	366.6	395.6	424.7	449.0	475.3	498.2
52.5°	219.6	265.0	307.5	345.9	382.7	417.9	452.5	487.6	521.8	549.0	574.9
50°	241.7	295.8	347.0	390.8	433.1	474.9	518.2	562.0	599.6	630.8	657.7
47.5°	266.0	324.5	389.5	437.9	488.6	540.4	593.1	641.4	682.4	724.8	754.6
45°	289.7	353.4	424.0	491.1	549.9	612.6	670.5	723.9	783.3	829.7	869.4
42.5°	311.4	380.9	459.4	544.8	618.3	685.7	748.3	823.3	891.7	945.9	995.4
40°	333.6	405.9	491.6	594.7	686.6	758.5	834.7	917.6	1006.6	1073.3	1132.5
37.5°	354.0	431.4	521.1	632.8	753.8	832.8	917.1	1007.1	1108.6	1208.8	1280.0
35°	372.0	453.0	550.3	663.8	787.7	904.9	994.1	1089.9	1200.9	1331.0	1428.2
32.5°	388.3	470.7	573.5	688.0	813.6	951.0	1064.2	1162.6	1274.0	1408.2	1573.3
30°	401.6	487.8	590.8	705.5	831.5	968.3	1112.1	1219.2	1324.9	1456.6	1610.3
27.5°	411.7	500.4	602.7	716.4	841.0	976.4	1114.6	1246.8	1349.1	1473.0	1612.7
25°	419.5	510.6	609.0	720.4	842.4	972.8	1105.9	1230.9	1345.8	1455.0	1580.4
22.5°	425.9	517.7	615.9	717.7	836.0	960.3	1085.4	1204.7	1315.9	1418.1	1526.0
20°	430.7	522.2	619.4	720.4	825.4	939.9	1059.6	1173.1	1280.5	1379.6	1467.3
17.5°	432.9	523.6	619.4	719.9	823.6	923.8	1028.0	1137.1	1242.7	1341.1	1427.8
15°	432.5	521.8	616.0	716.0	818.2	917.4	1013.4	1103.5	1201.8	1301.3	1387.6
12.5°	429.6	517.1	609.3	708.9	809.4	907.5	1001.8	1092.2	1180.4	1263.6	1346.2
10°	424.4	509.5	599.4	698.4	797.2	893.9	987.0	1077.7	1164.9	1246.7	1323.6
7.5°	419.1	501.1	587.6	684.7	781.8	876.8	968.9	1059.8	1145.4	1226.9	1304.6
5°	412.0	492.1	578.5	671.6	765.1	857.8	948.0	1038.5	1121.7	1204.0	1282.1
2.5°	403.0	481.0	567.2	655.7	746.5	838.2	925.4	1014.2	1099.5	1178.6	1255.5
0°	392.3	467.9	553.4	636.8	724.8	815.3	899.2	986.0	1074.8	1149.5	1224.7
-2.5°	380.6	452.1	533.3	616.3	701.4	790.2	876.2	958.4	1045.3	1120.8	1197.6
-5°	367.5	434.7	511.2	593.2	675.2	761.8	849.3	927.6	1010.6	1085.3	1160.7
-7.5°	353.2	415.9	487.2	567.3	645.4	727.0	810.0	885.2	965.9	1039.8	1113.3
-10°	338.1	397.4	463.9	538.0	611.6	687.7	765.6	839.3	916.9	990.4	1061.2
-12.5°	323.6	379.1	439.9	507.3	576.0	646.3	718.7	789.9	863.5	937.4	1003.5
-15°	308.4	359.9	415.1	475.5	538.8	603.1	669.6	737.0	806.1	878.3	939.4
-17.5°	292.7	339.9	389.8	443.0	500.3	558.5	619.7	684.7	747.9	813.7	872.8
-20°	276.7	319.3	364.3	410.2	461.0	516.8	574.1	632.4	689.8	747.2	802.6



REPORT NUMBER: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	260.4	298.3	339.3	379.6	428.0	478.4	528.6	579.2	630.7	680.1	732.6
-25°	244.7	278.8	315.0	354.2	395.7	440.2	483.3	526.1	571.8	618.1	663.3
-27.5°	229.5	259.6	293.8	328.8	363.3	402.9	440.7	477.0	516.8	557.7	594.1
-30°	214.3	242.9	272.8	303.9	334.3	367.3	399.9	431.8	464.3	499.2	530.9
-32.5°	200.2	226.4	253.5	280.8	306.6	332.1	362.3	390.6	417.2	442.1	469.7
-35°	187.3	211.3	234.9	258.4	279.7	302.2	327.4	351.2	372.6	392.5	413.6
-37.5°	175.1	196.5	216.4	237.4	256.3	275.6	294.1	314.7	332.0	348.1	365.3
-40°	163.0	182.0	200.0	217.5	234.8	251.0	266.8	280.8	294.7	310.1	322.0
-42.5°	151.0	168.7	184.7	198.2	214.5	228.4	240.7	252.3	263.7	275.7	285.2
-45°	140.4	155.5	170.1	183.0	195.3	207.1	217.5	226.6	237.4	245.8	252.9
-47.5°	129.7	142.8	156.2	168.0	178.3	187.9	195.6	204.8	213.6	220.8	225.0
-50°	119.2	131.2	142.5	153.5	162.8	170.6	177.2	184.8	192.1	198.2	202.2
-52.5°	109.5	119.5	130.0	139.4	147.9	154.8	161.3	167.8	173.2	177.4	182.6
-55°	99.9	109.2	117.9	126.3	133.6	140.0	146.2	152.1	156.7	160.3	164.6
-57.5°	90.9	99.3	106.9	114.0	120.5	125.9	132.1	137.1	141.4	144.7	149.2
-60°	82.2	89.6	96.6	102.7	108.1	113.5	118.4	123.0	126.8	130.1	134.2
-62.5°	73.4	80.2	86.4	92.1	97.0	101.5	105.9	109.8	113.0	116.4	119.8
-65°	65.3	70.9	76.4	81.6	86.3	90.5	94.2	97.3	100.3	103.3	106.1
-67.5°	57.1	62.4	67.0	71.1	75.4	79.5	83.0	85.9	88.3	90.8	93.1
-70°	49.9	54.0	58.2	62.0	65.2	68.7	72.0	74.7	76.9	78.9	80.7
-72.5°	42.7	46.4	49.9	53.1	56.0	58.8	61.4	63.9	66.0	67.5	68.8
-75°	35.9	38.8	41.8	44.6	47.0	49.1	51.1	53.1	54.8	56.1	57.2
-77.5°	29.4	31.8	34.1	36.3	38.0	39.7	41.3	42.7	44.0	45.0	45.7
-80°	23.1	24.8	26.7	28.5	29.8	31.0	31.9	32.8	33.8	34.7	35.5
-82.5°	17.2	18.5	19.7	20.9	21.8	22.6	23.3	23.9	24.6	25.3	25.8
-85°	11.3	12.0	12.8	13.5	14.2	14.8	15.4	15.8	16.2	16.6	16.8
-87.5°	5.7	6.0	6.4	6.7	7.0	7.3	7.6	7.9	8.1	8.3	8.4
-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: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.6	5.2	5.4	5.5
85°	19.0	19.1	19.1	18.9	18.6	18.6	18.5	18.4	18.2	18.5	18.7
82.5°	35.8	36.1	36.1	36.0	35.6	35.8	35.8	35.8	35.6	35.8	36.0
80°	56.0	56.5	56.6	56.2	55.4	55.5	55.6	55.4	55.0	55.1	55.1
77.5°	79.8	81.0	81.4	81.2	80.4	80.2	79.7	78.6	77.0	77.0	77.0
75°	110.1	111.3	112.0	111.9	111.2	110.7	110.0	108.8	107.0	106.9	106.9
72.5°	143.5	145.4	146.2	147.0	147.0	146.7	145.8	143.9	141.1	140.8	141.1
70°	180.5	183.6	185.6	187.1	188.2	188.5	187.9	186.4	184.0	183.4	183.2
67.5°	221.6	226.6	230.3	232.8	235.2	236.9	237.6	236.9	235.0	234.3	234.6
65°	267.7	275.4	281.7	286.5	289.7	292.0	293.9	295.1	295.4	296.0	297.0
62.5°	321.6	331.0	339.8	345.9	348.9	351.1	357.5	361.1	362.2	362.4	363.8
60°	381.8	393.7	404.7	413.5	420.6	426.0	431.4	435.0	436.3	436.6	438.5
57.5°	447.6	462.5	475.4	489.1	498.6	504.1	511.3	518.7	522.6	523.7	528.3
55°	520.4	540.8	557.5	572.1	585.4	597.1	607.0	614.7	620.3	623.7	629.8
52.5°	600.8	624.8	642.3	659.5	678.6	692.0	700.8	715.0	725.2	730.8	738.0
50°	689.2	716.0	739.7	757.7	779.9	798.3	811.7	825.1	834.5	839.8	846.8
47.5°	789.8	822.7	850.3	867.0	892.8	914.4	923.1	933.2	950.9	959.4	966.9
45°	903.1	945.1	975.7	1001.8	1024.0	1048.2	1064.2	1075.7	1093.1	1101.8	1107.3
42.5°	1037.9	1084.6	1124.9	1156.3	1174.9	1206.4	1229.4	1235.8	1260.5	1277.2	1282.1
40°	1189.0	1240.8	1294.0	1329.8	1359.7	1391.7	1429.6	1450.8	1471.6	1488.0	1491.7
37.5°	1346.5	1415.8	1476.6	1522.7	1572.3	1619.5	1659.7	1681.6	1695.3	1726.6	1738.3
35°	1506.6	1578.1	1663.3	1735.0	1795.1	1853.4	1899.2	1935.3	1969.6	1997.8	2014.7
32.5°	1643.0	1719.9	1825.1	1932.4	1997.3	2060.4	2135.7	2177.0	2222.8	2260.0	2287.2
30°	1755.0	1828.2	1923.9	2058.6	2147.5	2211.4	2306.7	2363.8	2413.7	2476.7	2498.6
27.5°	1760.3	1874.7	1959.3	2075.3	2208.7	2273.5	2344.1	2447.9	2479.4	2569.2	2582.1
25°	1714.1	1834.2	1921.2	2018.0	2128.8	2207.8	2272.2	2358.5	2403.7	2461.5	2505.9
22.5°	1641.8	1747.6	1836.4	1918.5	2005.0	2076.9	2135.8	2196.5	2246.0	2290.9	2332.5
20°	1562.0	1662.5	1746.6	1817.2	1885.8	1952.4	2005.4	2056.4	2099.3	2137.8	2161.4
17.5°	1505.8	1578.1	1664.1	1736.4	1795.8	1848.1	1903.0	1945.6	1983.3	2017.9	2039.5
15°	1467.5	1536.1	1597.4	1663.8	1726.4	1776.3	1817.6	1861.5	1894.1	1923.9	1947.3
12.5°	1427.6	1498.4	1562.5	1617.8	1666.8	1721.3	1765.4	1800.0	1834.1	1857.5	1881.6
10°	1394.3	1460.6	1527.0	1585.4	1637.0	1681.9	1723.6	1762.5	1793.1	1819.3	1838.3
7.5°	1375.0	1440.0	1499.7	1555.7	1606.0	1653.8	1696.9	1732.5	1762.9	1790.0	1809.9
5°	1352.6	1416.9	1476.5	1533.8	1582.1	1628.0	1670.9	1707.6	1739.0	1763.2	1782.2
2.5°	1326.9	1390.4	1449.9	1508.0	1556.4	1600.6	1641.3	1677.0	1709.7	1732.7	1748.9
0°	1297.7	1361.2	1419.4	1474.2	1522.7	1570.5	1607.8	1644.0	1675.9	1698.8	1714.9
-2.5°	1268.2	1331.4	1391.5	1444.0	1492.2	1536.3	1576.1	1610.2	1640.7	1663.4	1677.7
-5°	1229.0	1291.8	1351.1	1404.0	1454.4	1498.7	1537.3	1572.0	1601.4	1626.2	1645.5
-7.5°	1181.5	1245.0	1304.3	1358.3	1408.4	1450.2	1487.4	1522.3	1553.7	1580.8	1604.5
-10°	1129.3	1192.0	1248.1	1298.7	1345.4	1387.9	1427.4	1461.9	1490.7	1517.2	1537.2
-12.5°	1068.5	1126.6	1181.4	1231.3	1276.9	1319.5	1357.1	1390.0	1418.9	1442.5	1460.4
-15°	1001.4	1056.5	1108.5	1159.5	1207.3	1249.2	1282.2	1316.9	1342.0	1364.8	1381.0
-17.5°	929.6	982.9	1037.6	1088.7	1132.8	1174.2	1210.5	1242.2	1268.5	1289.5	1307.8
-20°	856.9	911.2	963.7	1012.5	1054.9	1093.3	1130.0	1160.5	1187.4	1210.2	1231.7



REPORT NUMBER: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	783.8	833.6	883.0	930.6	970.8	1007.0	1039.2	1068.3	1092.2	1119.0	1137.9
-25°	708.7	752.4	796.9	839.1	877.0	912.6	941.9	967.4	992.2	1018.1	1036.5
-27.5°	633.3	671.9	708.1	745.4	778.6	809.5	836.6	859.0	883.0	900.3	920.6
-30°	558.7	593.7	623.9	649.8	681.1	707.6	728.7	750.9	770.8	787.3	804.4
-32.5°	495.6	519.5	543.6	565.3	586.1	607.8	624.8	644.2	657.9	672.1	685.9
-35°	434.9	453.3	469.3	489.6	505.2	517.0	531.2	545.4	550.9	566.3	574.6
-37.5°	379.9	392.0	407.0	421.1	432.6	441.5	454.1	461.5	465.5	475.5	480.9
-40°	332.9	340.5	354.5	364.1	371.1	377.5	388.0	392.8	398.2	403.1	403.3
-42.5°	291.5	301.3	310.8	318.4	322.8	330.1	335.0	335.5	342.5	346.9	347.6
-45°	257.6	267.6	275.1	280.7	285.1	291.4	294.6	296.3	302.0	305.0	306.3
-47.5°	231.6	238.6	245.1	249.4	255.2	259.8	262.2	265.1	269.5	272.2	274.2
-50°	208.8	214.3	219.2	223.2	228.9	233.1	235.3	239.0	242.2	244.2	245.7
-52.5°	188.6	193.6	197.0	200.8	205.6	209.3	212.1	215.8	218.4	220.2	221.6
-55°	169.8	174.5	177.8	181.9	185.4	187.8	190.3	193.8	196.4	198.2	199.4
-57.5°	153.2	156.7	160.0	163.8	167.0	169.7	171.8	173.8	175.5	177.0	178.1
-60°	137.7	140.5	143.5	146.5	148.9	150.9	153.2	155.0	156.1	156.8	157.7
-62.5°	122.7	125.3	127.9	130.3	132.2	133.9	135.8	137.2	138.3	139.0	139.6
-65°	108.5	110.7	112.9	114.9	116.6	118.0	119.3	120.4	121.1	121.7	122.2
-67.5°	95.2	96.9	98.5	99.9	101.2	102.4	103.5	104.3	104.7	105.2	105.8
-70°	82.4	83.7	84.8	85.6	86.4	87.3	88.4	89.2	89.7	90.1	90.6
-72.5°	70.0	71.0	71.9	72.5	73.0	73.6	74.3	74.9	75.4	75.8	76.0
-75°	58.0	58.8	59.6	60.1	60.5	60.9	61.3	61.5	61.5	61.7	61.8
-77.5°	46.3	47.1	47.8	48.3	48.7	49.0	49.3	49.5	49.5	49.5	49.4
-80°	36.2	36.7	37.2	37.5	37.8	38.0	38.1	38.2	38.1	38.2	38.2
-82.5°	26.3	26.8	27.2	27.5	27.7	27.9	28.2	28.3	28.4	28.4	28.4
-85°	17.0	17.3	17.5	17.6	17.8	17.9	18.0	18.0	18.0	18.0	18.0
-87.5°	8.5	8.4	8.3	8.1	7.9	7.9	8.0	8.0	8.0	8.1	8.2
-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: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	5.7	5.8	5.4	5.0	5.4	5.8	5.7	5.5	5.4	5.2	5.6
85°	18.9	19.0	18.7	18.3	18.7	19.0	18.9	18.7	18.5	18.2	18.4
82.5°	36.0	35.9	35.7	35.3	35.7	35.9	36.0	36.0	35.8	35.6	35.8
80°	54.9	54.5	54.3	54.0	54.3	54.5	54.9	55.1	55.1	55.0	55.4
77.5°	76.8	76.4	77.1	77.6	77.1	76.4	76.8	77.0	77.0	77.0	78.6
75°	106.5	105.7	104.9	103.8	104.9	105.7	106.5	106.9	106.9	107.0	108.8
72.5°	141.0	140.3	139.7	138.7	139.7	140.3	141.0	141.1	140.8	141.1	143.9
70°	182.1	180.2	180.5	180.6	180.5	180.2	182.1	183.2	183.4	184.0	186.4
67.5°	233.8	232.0	232.3	232.1	232.3	232.0	233.8	234.6	234.3	235.0	236.9
65°	296.4	294.4	292.0	288.5	292.0	294.4	296.4	297.0	296.0	295.4	295.1
62.5°	363.6	361.9	362.9	363.7	362.9	361.9	363.6	363.8	362.4	362.2	361.1
60°	438.2	435.8	434.6	432.6	434.6	435.8	438.2	438.5	436.6	436.3	435.0
57.5°	530.4	529.9	528.8	526.0	528.8	529.9	530.4	528.3	523.7	522.6	518.7
55°	632.6	632.0	634.4	637.2	634.4	632.0	632.6	629.8	623.7	620.3	614.7
52.5°	743.3	745.1	744.5	740.6	744.5	745.1	743.3	738.0	730.8	725.2	715.0
50°	852.9	855.0	857.2	859.3	857.2	855.0	852.9	846.8	839.8	834.5	825.1
47.5°	977.2	982.7	983.7	979.7	983.7	982.7	977.2	966.9	959.4	950.9	933.2
45°	1118.3	1121.7	1123.4	1126.7	1123.4	1121.7	1118.3	1107.3	1101.8	1093.1	1075.7
42.5°	1296.3	1300.1	1300.7	1304.4	1300.7	1300.1	1296.3	1282.1	1277.2	1260.5	1235.8
40°	1507.5	1513.7	1512.6	1511.1	1512.6	1513.7	1507.5	1491.7	1488.0	1471.6	1450.8
37.5°	1754.7	1765.4	1766.5	1773.1	1766.5	1765.4	1754.7	1738.3	1726.6	1695.3	1681.6
35°	2032.2	2044.7	2042.6	2045.8	2042.6	2044.7	2032.2	2014.7	1997.8	1969.6	1935.3
32.5°	2312.2	2330.9	2334.7	2350.5	2334.7	2330.9	2312.2	2287.2	2260.0	2222.8	2177.0
30°	2532.1	2558.4	2575.6	2574.3	2575.6	2558.4	2532.1	2498.6	2476.7	2413.7	2363.8
27.5°	2623.2	2657.3	2689.2	2698.8	2689.2	2657.3	2623.2	2582.1	2569.2	2479.4	2447.9
25°	2534.3	2559.2	2587.4	2602.5	2587.4	2559.2	2534.3	2505.9	2461.5	2403.7	2358.5
22.5°	2351.7	2367.9	2377.4	2369.6	2377.4	2367.9	2351.7	2332.5	2290.9	2246.0	2196.5
20°	2185.9	2206.4	2210.2	2218.5	2210.2	2206.4	2185.9	2161.4	2137.8	2099.3	2056.4
17.5°	2062.6	2076.0	2083.9	2085.7	2083.9	2076.0	2062.6	2039.5	2017.9	1983.3	1945.6
15°	1965.9	1976.7	1983.7	1986.9	1983.7	1976.7	1965.9	1947.3	1923.9	1894.1	1861.5
12.5°	1897.4	1910.5	1917.0	1920.9	1917.0	1910.5	1897.4	1881.6	1857.5	1834.1	1800.0
10°	1853.4	1866.1	1871.2	1873.1	1871.2	1866.1	1853.4	1838.3	1819.3	1793.1	1762.5
7.5°	1821.9	1830.1	1833.5	1836.2	1833.5	1830.1	1821.9	1809.9	1790.0	1762.9	1732.5
5°	1796.5	1803.0	1806.5	1810.4	1806.5	1803.0	1796.5	1782.2	1763.2	1739.0	1707.6
2.5°	1761.8	1771.0	1777.5	1781.4	1777.5	1771.0	1761.8	1748.9	1732.7	1709.7	1677.0
0°	1727.8	1736.5	1741.1	1748.6	1741.1	1736.5	1727.8	1714.9	1698.8	1675.9	1644.0
-2.5°	1690.4	1700.5	1712.5	1724.1	1712.5	1700.5	1690.4	1677.7	1663.4	1640.7	1610.2
-5°	1661.8	1675.1	1677.6	1685.1	1677.6	1675.1	1661.8	1645.5	1626.2	1601.4	1572.0
-7.5°	1618.6	1624.7	1635.0	1636.9	1635.0	1624.7	1618.6	1604.5	1580.8	1553.7	1522.3
-10°	1552.1	1562.0	1568.4	1575.0	1568.4	1562.0	1552.1	1537.2	1517.2	1490.7	1461.9
-12.5°	1473.9	1485.6	1496.0	1494.5	1496.0	1485.6	1473.9	1460.4	1442.5	1418.9	1390.0
-15°	1397.8	1409.0	1416.2	1415.2	1416.2	1409.0	1397.8	1381.0	1364.8	1342.0	1316.9
-17.5°	1322.3	1332.5	1342.8	1342.6	1342.8	1332.5	1322.3	1307.8	1289.5	1268.5	1242.2
-20°	1244.2	1253.0	1264.1	1268.7	1264.1	1253.0	1244.2	1231.7	1210.2	1187.4	1160.5



REPORT NUMBER: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	1154.0	1165.2	1173.2	1178.2	1173.2	1165.2	1154.0	1137.9	1119.0	1092.2	1068.3
-25°	1048.8	1060.3	1066.4	1068.6	1066.4	1060.3	1048.8	1036.5	1018.1	992.2	967.4
-27.5°	932.6	945.5	951.8	948.6	951.8	945.5	932.6	920.6	900.3	883.0	859.0
-30°	813.4	821.7	822.7	829.9	822.7	821.7	813.4	804.4	787.3	770.8	750.9
-32.5°	695.8	701.4	698.2	698.7	698.2	701.4	695.8	685.9	672.1	657.9	644.2
-35°	579.7	584.2	585.0	593.2	585.0	584.2	579.7	574.6	566.3	550.9	545.4
-37.5°	486.4	488.2	485.4	481.6	485.4	488.2	486.4	480.9	475.5	465.5	461.5
-40°	407.3	408.7	407.6	405.6	407.6	408.7	407.3	403.3	403.1	398.2	392.8
-42.5°	350.3	350.3	349.4	349.1	349.4	350.3	350.3	347.6	346.9	342.5	335.5
-45°	308.2	308.7	308.6	308.4	308.6	308.7	308.2	306.3	305.0	302.0	296.3
-47.5°	275.6	275.7	275.3	274.4	275.3	275.7	275.6	274.2	272.2	269.5	265.1
-50°	246.7	246.7	247.3	248.3	247.3	246.7	246.7	245.7	244.2	242.2	239.0
-52.5°	222.3	222.2	222.5	222.9	222.5	222.2	222.3	221.6	220.2	218.4	215.8
-55°	199.9	199.8	199.5	198.9	199.5	199.8	199.9	199.4	198.2	196.4	193.8
-57.5°	178.6	178.3	177.8	176.8	177.8	178.3	178.6	178.1	177.0	175.5	173.8
-60°	158.2	158.3	158.0	157.3	158.0	158.3	158.2	157.7	156.8	156.1	155.0
-62.5°	139.7	139.4	139.4	139.1	139.4	139.4	139.7	139.6	139.0	138.3	137.2
-65°	122.3	122.0	122.2	122.1	122.2	122.0	122.3	122.2	121.7	121.1	120.4
-67.5°	106.0	105.9	106.0	105.9	106.0	105.9	106.0	105.8	105.2	104.7	104.3
-70°	90.9	90.9	90.4	89.7	90.4	90.9	90.9	90.6	90.1	89.7	89.2
-72.5°	75.9	75.7	75.7	75.6	75.7	75.7	75.9	76.0	75.8	75.4	74.9
-75°	61.8	61.6	62.0	62.3	62.0	61.6	61.8	61.8	61.7	61.5	61.5
-77.5°	49.2	48.8	49.1	49.4	49.1	48.8	49.2	49.4	49.5	49.5	49.5
-80°	38.2	38.1	38.0	37.8	38.0	38.1	38.2	38.2	38.2	38.1	38.2
-82.5°	28.3	28.1	28.0	27.8	28.0	28.1	28.3	28.4	28.4	28.4	28.3
-85°	17.9	17.8	18.1	18.3	18.1	17.8	17.9	18.0	18.0	18.0	18.0
-87.5°	8.2	8.3	8.1	7.9	8.1	8.3	8.2	8.2	8.1	8.0	8.0
-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: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	5.9	6.2	6.4	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2
85°	18.5	18.6	18.6	18.9	19.1	19.1	19.0	18.7	18.2	17.7	16.9
82.5°	35.8	35.8	35.6	36.0	36.1	36.1	35.8	35.1	34.2	33.0	31.7
80°	55.6	55.5	55.4	56.2	56.6	56.5	56.0	54.8	53.1	51.4	49.6
77.5°	79.7	80.2	80.4	81.2	81.4	81.0	79.8	77.8	76.1	73.9	71.0
75°	110.0	110.7	111.2	111.9	112.0	111.3	110.1	107.7	104.6	100.7	95.6
72.5°	145.8	146.7	147.0	147.0	146.2	145.4	143.5	140.4	136.3	131.3	124.4
70°	187.9	188.5	188.2	187.1	185.6	183.6	180.5	176.1	170.4	164.5	156.1
67.5°	237.6	236.9	235.2	232.8	230.3	226.6	221.6	215.3	208.8	201.4	190.1
65°	293.9	292.0	289.7	286.5	281.7	275.4	267.7	259.7	251.2	240.9	226.7
62.5°	357.5	351.1	348.9	345.9	339.8	331.0	321.6	311.5	298.8	284.0	269.7
60°	431.4	426.0	420.6	413.5	404.7	393.7	381.8	368.0	352.5	336.0	316.8
57.5°	511.3	504.1	498.6	489.1	475.4	462.5	447.6	428.6	409.9	390.8	368.0
55°	607.0	597.1	585.4	572.1	557.5	540.8	520.4	498.2	475.3	449.0	424.7
52.5°	700.8	692.0	678.6	659.5	642.3	624.8	600.8	574.9	549.0	521.8	487.6
50°	811.7	798.3	779.9	757.7	739.7	716.0	689.2	657.7	630.8	599.6	562.0
47.5°	923.1	914.4	892.8	867.0	850.3	822.7	789.8	754.6	724.8	682.4	641.4
45°	1064.2	1048.2	1024.0	1001.8	975.7	945.1	903.1	869.4	829.7	783.3	723.9
42.5°	1229.4	1206.4	1174.9	1156.3	1124.9	1084.6	1037.9	995.4	945.9	891.7	823.3
40°	1429.6	1391.7	1359.7	1329.8	1294.0	1240.8	1189.0	1132.5	1073.3	1006.6	917.6
37.5°	1659.7	1619.5	1572.3	1522.7	1476.6	1415.8	1346.5	1280.0	1208.8	1108.6	1007.1
35°	1899.2	1853.4	1795.1	1735.0	1663.3	1578.1	1506.6	1428.2	1331.0	1200.9	1089.9
32.5°	2135.7	2060.4	1997.3	1932.4	1825.1	1719.9	1643.0	1573.3	1408.2	1274.0	1162.6
30°	2306.7	2211.4	2147.5	2058.6	1923.9	1828.2	1755.0	1610.3	1456.6	1324.9	1219.2
27.5°	2344.1	2273.5	2208.7	2075.3	1959.3	1874.7	1760.3	1612.7	1473.0	1349.1	1246.8
25°	2272.2	2207.8	2128.8	2018.0	1921.2	1834.2	1714.1	1580.4	1455.0	1345.8	1230.9
22.5°	2135.8	2076.9	2005.0	1918.5	1836.4	1747.6	1641.8	1526.0	1418.1	1315.9	1204.7
20°	2005.4	1952.4	1885.8	1817.2	1746.6	1662.5	1562.0	1467.3	1379.6	1280.5	1173.1
17.5°	1903.0	1848.1	1795.8	1736.4	1664.1	1578.1	1505.8	1427.8	1341.1	1242.7	1137.1
15°	1817.6	1776.3	1726.4	1663.8	1597.4	1536.1	1467.5	1387.6	1301.3	1201.8	1103.5
12.5°	1765.4	1721.3	1666.8	1617.8	1562.5	1498.4	1427.6	1346.2	1263.6	1180.4	1092.2
10°	1723.6	1681.9	1637.0	1585.4	1527.0	1460.6	1394.3	1323.6	1246.7	1164.9	1077.7
7.5°	1696.9	1653.8	1606.0	1555.7	1499.7	1440.0	1375.0	1304.6	1226.9	1145.4	1059.8
5°	1670.9	1628.0	1582.1	1533.8	1476.5	1416.9	1352.6	1282.1	1204.0	1121.7	1038.5
2.5°	1641.3	1600.6	1556.4	1508.0	1449.9	1390.4	1326.9	1255.5	1178.6	1099.5	1014.2
0°	1607.8	1570.5	1522.7	1474.2	1419.4	1361.2	1297.7	1224.7	1149.5	1074.8	986.0
-2.5°	1576.1	1536.3	1492.2	1444.0	1391.5	1331.4	1268.2	1197.6	1120.8	1045.3	958.4
-5°	1537.3	1498.7	1454.4	1404.0	1351.1	1291.8	1229.0	1160.7	1085.3	1010.6	927.6
-7.5°	1487.4	1450.2	1408.4	1358.3	1304.3	1245.0	1181.5	1113.3	1039.8	965.9	885.2
-10°	1427.4	1387.9	1345.4	1298.7	1248.1	1192.0	1129.3	1061.2	990.4	916.9	839.3
-12.5°	1357.1	1319.5	1276.9	1231.3	1181.4	1126.6	1068.5	1003.5	937.4	863.5	789.9
-15°	1282.2	1249.2	1207.3	1159.5	1108.5	1056.5	1001.4	939.4	878.3	806.1	737.0
-17.5°	1210.5	1174.2	1132.8	1088.7	1037.6	982.9	929.6	872.8	813.7	747.9	684.7
-20°	1130.0	1093.3	1054.9	1012.5	963.7	911.2	856.9	802.6	747.2	689.8	632.4



REPORT NUMBER: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1039.2	1007.0	970.8	930.6	883.0	833.6	783.8	732.6	680.1	630.7	579.2
-25°	941.9	912.6	877.0	839.1	796.9	752.4	708.7	663.3	618.1	571.8	526.1
-27.5°	836.6	809.5	778.6	745.4	708.1	671.9	633.3	594.1	557.7	516.8	477.0
-30°	728.7	707.6	681.1	649.8	623.9	593.7	558.7	530.9	499.2	464.3	431.8
-32.5°	624.8	607.8	586.1	565.3	543.6	519.5	495.6	469.7	442.1	417.2	390.6
-35°	531.2	517.0	505.2	489.6	469.3	453.3	434.9	413.6	392.5	372.6	351.2
-37.5°	454.1	441.5	432.6	421.1	407.0	392.0	379.9	365.3	348.1	332.0	314.7
-40°	388.0	377.5	371.1	364.1	354.5	340.5	332.9	322.0	310.1	294.7	280.8
-42.5°	335.0	330.1	322.8	318.4	310.8	301.3	291.5	285.2	275.7	263.7	252.3
-45°	294.6	291.4	285.1	280.7	275.1	267.6	257.6	252.9	245.8	237.4	226.6
-47.5°	262.2	259.8	255.2	249.4	245.1	238.6	231.6	225.0	220.8	213.6	204.8
-50°	235.3	233.1	228.9	223.2	219.2	214.3	208.8	202.2	198.2	192.1	184.8
-52.5°	212.1	209.3	205.6	200.8	197.0	193.6	188.6	182.6	177.4	173.2	167.8
-55°	190.3	187.8	185.4	181.9	177.8	174.5	169.8	164.6	160.3	156.7	152.1
-57.5°	171.8	169.7	167.0	163.8	160.0	156.7	153.2	149.2	144.7	141.4	137.1
-60°	153.2	150.9	148.9	146.5	143.5	140.5	137.7	134.2	130.1	126.8	123.0
-62.5°	135.8	133.9	132.2	130.3	127.9	125.3	122.7	119.8	116.4	113.0	109.8
-65°	119.3	118.0	116.6	114.9	112.9	110.7	108.5	106.1	103.3	100.3	97.3
-67.5°	103.5	102.4	101.2	99.9	98.5	96.9	95.2	93.1	90.8	88.3	85.9
-70°	88.4	87.3	86.4	85.6	84.8	83.7	82.4	80.7	78.9	76.9	74.7
-72.5°	74.3	73.6	73.0	72.5	71.9	71.0	70.0	68.8	67.5	66.0	63.9
-75°	61.3	60.9	60.5	60.1	59.6	58.8	58.0	57.2	56.1	54.8	53.1
-77.5°	49.3	49.0	48.7	48.3	47.8	47.1	46.3	45.7	45.0	44.0	42.7
-80°	38.1	38.0	37.8	37.5	37.2	36.7	36.2	35.5	34.7	33.8	32.8
-82.5°	28.2	27.9	27.7	27.5	27.2	26.8	26.3	25.8	25.3	24.6	23.9
-85°	18.0	17.9	17.8	17.6	17.5	17.3	17.0	16.8	16.6	16.2	15.8
-87.5°	8.0	7.9	7.9	8.1	8.3	8.4	8.5	8.4	8.3	8.1	7.9
-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: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.7	4.3	3.9	3.5
85°	16.1	15.1	14.0	12.7	11.6	10.4	10.0	9.5	8.6	7.8	6.9
82.5°	30.0	28.6	27.1	25.4	23.5	21.5	19.5	17.2	14.5	11.9	10.4
80°	47.4	45.0	42.3	39.4	36.2	32.7	29.9	26.7	22.9	19.2	15.6
77.5°	67.2	63.1	58.6	54.8	50.9	46.6	42.0	36.8	31.2	26.4	21.8
75°	89.3	84.1	78.7	72.9	66.7	60.5	55.0	48.6	41.1	33.7	27.9
72.5°	116.7	108.6	100.4	91.9	84.4	76.8	68.9	60.3	51.5	42.8	34.4
70°	146.0	134.9	124.5	114.3	103.6	93.1	83.9	73.3	61.7	51.7	42.0
67.5°	177.3	165.2	152.0	137.4	124.6	112.1	99.3	86.4	73.4	60.4	49.5
65°	212.8	197.5	181.0	165.0	148.0	131.3	117.0	100.0	84.8	70.5	56.8
62.5°	251.8	231.9	213.9	193.8	173.9	154.2	134.1	114.9	96.4	80.4	65.0
60°	296.1	274.1	248.9	226.4	202.4	178.3	154.4	129.4	109.2	90.1	73.3
57.5°	344.7	318.9	291.9	262.2	234.0	205.5	174.6	145.9	121.5	100.5	81.4
55°	395.6	366.6	336.1	303.4	268.6	235.7	195.9	162.9	134.0	110.8	88.8
52.5°	452.5	417.9	382.7	345.9	307.5	265.0	219.6	178.8	148.0	120.7	96.8
50°	518.2	474.9	433.1	390.8	347.0	295.8	241.7	197.9	161.1	130.7	104.3
47.5°	593.1	540.4	488.6	437.9	389.5	324.5	266.0	216.1	173.3	141.4	111.3
45°	670.5	612.6	549.9	491.1	424.0	353.4	289.7	232.8	188.0	150.6	117.8
42.5°	748.3	685.7	618.3	544.8	459.4	380.9	311.4	251.7	201.6	159.1	124.6
40°	834.7	758.5	686.6	594.7	491.6	405.9	333.6	269.4	213.9	167.7	131.4
37.5°	917.1	832.8	753.8	632.8	521.1	431.4	354.0	285.2	225.1	177.0	137.6
35°	994.1	904.9	787.7	663.8	550.3	453.0	372.0	300.1	237.0	185.2	143.2
32.5°	1064.2	951.0	813.6	688.0	573.5	470.7	388.3	313.3	247.1	192.2	148.1
30°	1112.1	968.3	831.5	705.5	590.8	487.8	401.6	324.3	255.6	198.2	152.6
27.5°	1114.6	976.4	841.0	716.4	602.7	500.4	411.7	333.0	262.3	203.7	157.3
25°	1105.9	972.8	842.4	720.4	609.0	510.6	419.5	339.6	268.5	209.1	161.2
22.5°	1085.4	960.3	836.0	717.7	615.9	517.7	425.9	345.2	273.6	213.1	164.2
20°	1059.6	939.9	825.4	720.4	619.4	522.2	430.7	348.8	276.8	215.9	166.4
17.5°	1028.0	923.8	823.6	719.9	619.4	523.6	432.9	350.5	278.3	217.4	167.7
15°	1013.4	917.4	818.2	716.0	616.0	521.8	432.5	350.3	278.2	217.7	168.7
12.5°	1001.8	907.5	809.4	708.9	609.3	517.1	429.6	348.2	276.5	217.7	169.4
10°	987.0	893.9	797.2	698.4	599.4	509.5	424.4	345.0	275.7	217.3	169.4
7.5°	968.9	876.8	781.8	684.7	587.6	501.1	419.1	341.5	274.0	216.0	168.8
5°	948.0	857.8	765.1	671.6	578.5	492.1	412.0	336.3	271.1	213.9	167.7
2.5°	925.4	838.2	746.5	655.7	567.2	481.0	403.0	329.5	267.1	210.9	165.9
0°	899.2	815.3	724.8	636.8	553.4	467.9	392.3	321.3	262.0	207.2	163.6
-2.5°	876.2	790.2	701.4	616.3	533.3	452.1	380.6	313.1	256.3	203.5	161.2
-5°	849.3	761.8	675.2	593.2	511.2	434.7	367.5	303.8	249.8	199.2	158.3
-7.5°	810.0	727.0	645.4	567.3	487.2	415.9	353.2	293.5	242.4	194.3	155.0
-10°	765.6	687.7	611.6	538.0	463.9	397.4	338.1	282.5	234.3	188.9	151.3
-12.5°	718.7	646.3	576.0	507.3	439.9	379.1	323.6	271.7	225.7	182.9	147.2
-15°	669.6	603.1	538.8	475.5	415.1	359.9	308.4	260.6	217.3	176.8	142.8
-17.5°	619.7	558.5	500.3	443.0	389.8	339.9	292.7	249.0	208.3	170.8	138.4
-20°	574.1	516.8	461.0	410.2	364.3	319.3	276.7	236.9	199.0	164.3	133.9



REPORT NUMBER: P558546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-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°	528.6	478.4	428.0	379.6	339.3	298.3	260.4	224.4	189.4	157.7	129.1
-25°	483.3	440.2	395.7	354.2	315.0	278.8	244.7	211.6	179.5	150.7	124.0
-27.5°	440.7	402.9	363.3	328.8	293.8	259.6	229.5	199.5	169.9	143.6	118.7
-30°	399.9	367.3	334.3	303.9	272.8	242.9	214.3	187.4	161.1	136.7	113.1
-32.5°	362.3	332.1	306.6	280.8	253.5	226.4	200.2	175.4	152.4	129.9	107.9
-35°	327.4	302.2	279.7	258.4	234.9	211.3	187.3	163.5	143.6	122.8	102.7
-37.5°	294.1	275.6	256.3	237.4	216.4	196.5	175.1	153.6	134.8	115.6	97.5
-40°	266.8	251.0	234.8	217.5	200.0	182.0	163.0	144.3	126.3	108.1	92.1
-42.5°	240.7	228.4	214.5	198.2	184.7	168.7	151.0	134.9	118.1	101.5	86.7
-45°	217.5	207.1	195.3	183.0	170.1	155.5	140.4	125.3	109.9	95.2	81.4
-47.5°	195.6	187.9	178.3	168.0	156.2	142.8	129.7	116.2	101.6	89.0	76.4
-50°	177.2	170.6	162.8	153.5	142.5	131.2	119.2	107.1	94.7	82.8	71.3
-52.5°	161.3	154.8	147.9	139.4	130.0	119.5	109.5	98.2	87.6	76.8	66.0
-55°	146.2	140.0	133.6	126.3	117.9	109.2	99.9	90.3	80.4	70.8	60.8
-57.5°	132.1	125.9	120.5	114.0	106.9	99.3	90.9	82.3	73.6	64.7	56.2
-60°	118.4	113.5	108.1	102.7	96.6	89.6	82.2	74.4	66.7	58.7	51.5
-62.5°	105.9	101.5	97.0	92.1	86.4	80.2	73.4	66.9	59.8	53.3	46.7
-65°	94.2	90.5	86.3	81.6	76.4	70.9	65.3	59.2	53.6	47.9	41.9
-67.5°	83.0	79.5	75.4	71.1	67.0	62.4	57.1	52.3	47.5	42.4	37.2
-70°	72.0	68.7	65.2	62.0	58.2	54.0	49.9	45.7	41.4	37.1	32.4
-72.5°	61.4	58.8	56.0	53.1	49.9	46.4	42.7	39.1	35.7	31.8	27.6
-75°	51.1	49.1	47.0	44.6	41.8	38.8	35.9	33.0	29.9	26.5	23.4
-77.5°	41.3	39.7	38.0	36.3	34.1	31.8	29.4	26.8	24.4	21.9	19.3
-80°	31.9	31.0	29.8	28.5	26.7	24.8	23.1	21.3	19.4	17.4	15.2
-82.5°	23.3	22.6	21.8	20.9	19.7	18.5	17.2	15.9	14.4	12.8	11.2
-85°	15.4	14.8	14.2	13.5	12.8	12.0	11.3	10.6	9.6	8.5	7.5
-87.5°	7.6	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.8	4.3	3.8
-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°	3.0	2.5	2.0	1.6	1.0	0.5	0.0
85°	6.0	5.1	4.1	3.1	2.1	1.0	0.0
82.5°	9.0	7.6	6.1	4.6	3.1	1.5	0.0
80°	12.2	10.1	8.2	6.2	4.2	2.0	0.0
77.5°	17.4	13.2	10.2	7.7	5.2	2.6	0.0
75°	22.5	17.3	12.4	9.2	6.2	3.1	0.0
72.5°	27.5	21.3	15.5	10.7	7.2	3.5	0.0
70°	32.6	25.3	18.6	12.3	8.2	4.0	0.0
67.5°	38.8	29.2	21.6	14.5	9.2	4.5	0.0
65°	44.9	33.5	24.6	16.7	10.1	5.0	0.0
62.5°	50.7	38.2	27.5	18.8	11.0	5.4	0.0
60°	56.3	42.7	30.3	20.9	11.9	5.9	0.0
57.5°	62.7	47.1	33.6	22.8	13.2	6.3	0.0
55°	68.9	51.2	36.8	24.7	14.5	6.7	0.0
52.5°	74.8	55.3	39.9	26.6	15.7	7.2	0.0
50°	80.3	59.8	42.9	28.4	16.9	7.6	0.0
47.5°	85.5	64.1	45.7	30.1	18.0	7.9	0.0
45°	91.0	68.0	48.3	32.1	19.1	8.3	0.0
42.5°	96.1	71.6	50.7	33.9	20.1	8.7	0.0
40°	100.7	75.0	53.2	35.7	21.1	9.0	0.0
37.5°	104.9	78.0	55.7	37.4	22.0	9.3	0.0
35°	108.6	81.1	58.0	38.9	22.9	9.6	0.0
32.5°	112.2	83.9	60.1	40.4	23.7	9.9	0.0
30°	116.0	86.5	61.9	41.7	24.4	10.1	0.0
27.5°	119.3	88.6	63.7	42.9	25.1	10.4	0.0
25°	122.1	90.4	65.2	44.0	25.7	10.6	0.0
22.5°	124.4	92.0	66.5	45.0	26.3	10.8	0.0
20°	126.2	93.6	67.6	45.9	26.8	11.0	0.0
17.5°	127.8	94.9	68.5	46.6	27.3	11.1	0.0
15°	129.0	95.9	69.2	47.3	27.7	11.3	0.0
12.5°	129.8	96.7	69.7	47.8	28.0	11.4	0.0
10°	130.1	97.1	70.0	48.2	28.2	11.5	0.0
7.5°	130.0	97.3	70.1	48.5	28.4	11.5	0.0
5°	129.4	97.3	70.0	48.6	28.5	11.6	0.0
2.5°	128.4	96.9	69.7	48.7	28.6	11.6	0.0
0°	127.0	96.3	69.3	48.6	28.6	11.6	0.0
-2.5°	125.6	95.4	69.0	48.4	28.5	11.6	0.0
-5°	123.8	94.2	68.5	48.0	28.4	11.6	0.0
-7.5°	121.6	92.9	67.8	47.6	28.2	11.6	0.0
-10°	119.2	91.3	67.0	47.0	28.0	11.5	0.0
-12.5°	116.5	89.5	66.1	46.4	27.6	11.5	0.0
-15°	113.5	87.5	65.0	45.6	27.3	11.4	0.0
-17.5°	110.2	85.4	63.7	44.8	26.8	11.2	0.0
-20°	106.8	83.1	62.3	43.8	26.4	11.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	103.4	80.6	60.8	42.8	25.8	10.9	0.0
-25°	99.8	78.2	59.1	41.7	25.2	10.8	0.0
-27.5°	96.0	75.6	57.3	40.5	24.6	10.6	0.0
-30°	92.0	72.9	55.4	39.2	23.9	10.3	0.0
-32.5°	87.9	70.1	53.4	37.8	23.2	10.1	0.0
-35°	84.1	67.1	51.3	36.3	22.4	9.8	0.0
-37.5°	80.2	64.1	49.2	34.8	21.6	9.5	0.0
-40°	76.3	61.2	46.9	33.2	20.8	9.2	0.0
-42.5°	72.2	58.2	44.6	31.6	19.9	8.9	0.0
-45°	68.0	55.1	42.4	29.9	18.9	8.5	0.0
-47.5°	63.7	52.0	40.0	28.2	18.0	8.2	0.0
-50°	59.7	48.7	37.6	26.6	17.0	7.8	0.0
-52.5°	55.8	45.4	35.1	25.1	16.0	7.4	0.0
-55°	51.8	42.2	32.5	23.5	14.9	7.0	0.0
-57.5°	47.7	38.9	29.9	21.8	13.8	6.5	0.0
-60°	43.6	35.6	27.2	20.2	12.7	6.1	0.0
-62.5°	39.6	32.2	25.0	18.5	11.8	5.6	0.0
-65°	35.6	28.8	22.7	16.7	10.8	5.2	0.0
-67.5°	31.4	25.6	20.4	15.0	9.8	4.7	0.0
-70°	27.2	22.7	18.0	13.2	8.8	4.2	0.0
-72.5°	23.6	19.7	15.6	11.5	7.7	3.7	0.0
-75°	20.1	16.7	13.2	9.9	6.6	3.2	0.0
-77.5°	16.5	13.7	10.9	8.3	5.6	2.6	0.0
-80°	12.9	10.9	8.8	6.7	4.5	2.1	0.0
-82.5°	9.7	8.2	6.6	5.0	3.4	1.6	0.0
-85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-87.5°	3.2	2.7	2.2	1.7	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)