

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: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558514 (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-SA1B-935-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

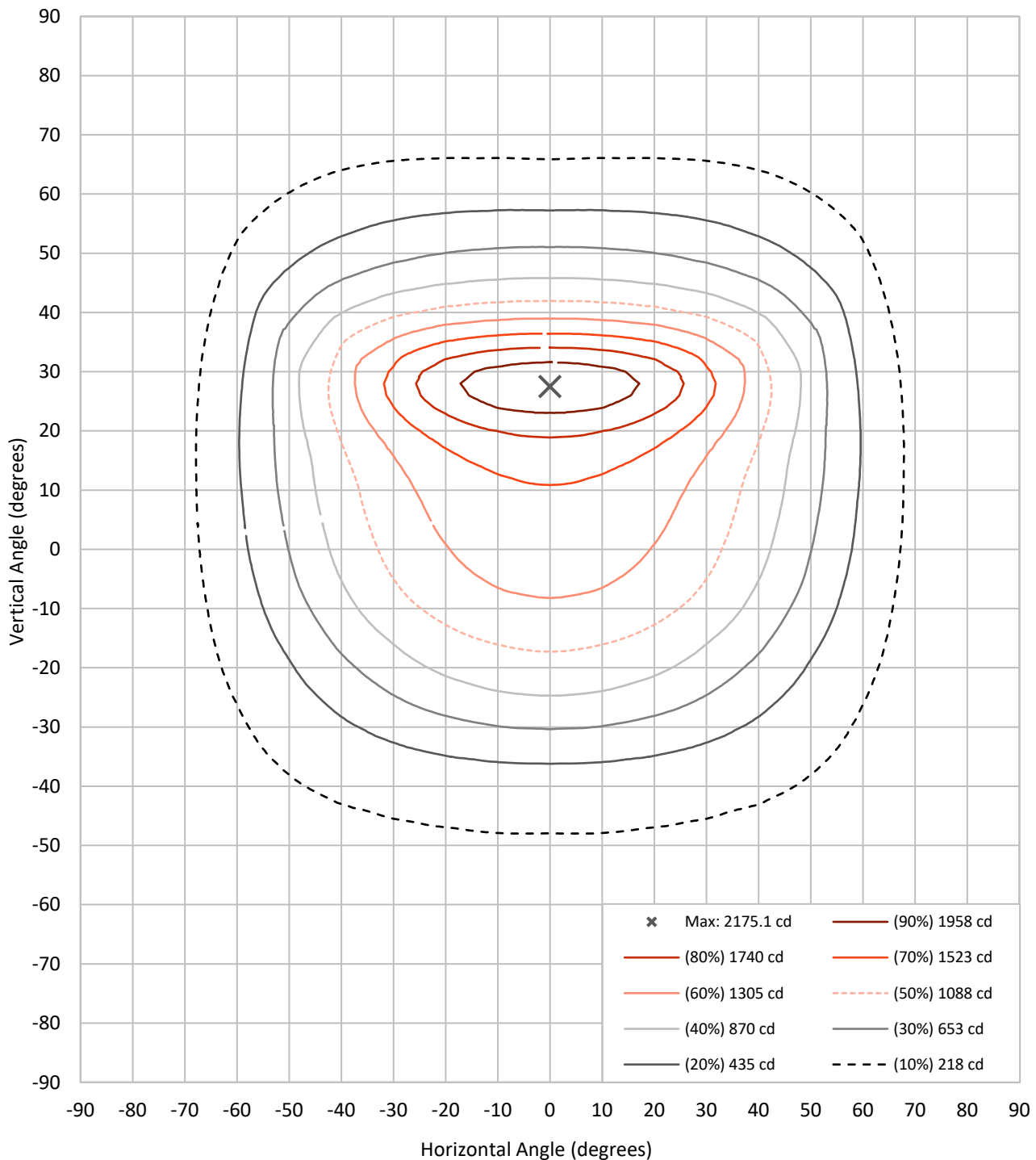
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	3170.9 lumens	Max Intensity:	2175.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	96.1 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:	1644.6 lumens	Field Lumens:	2933.4 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	33		
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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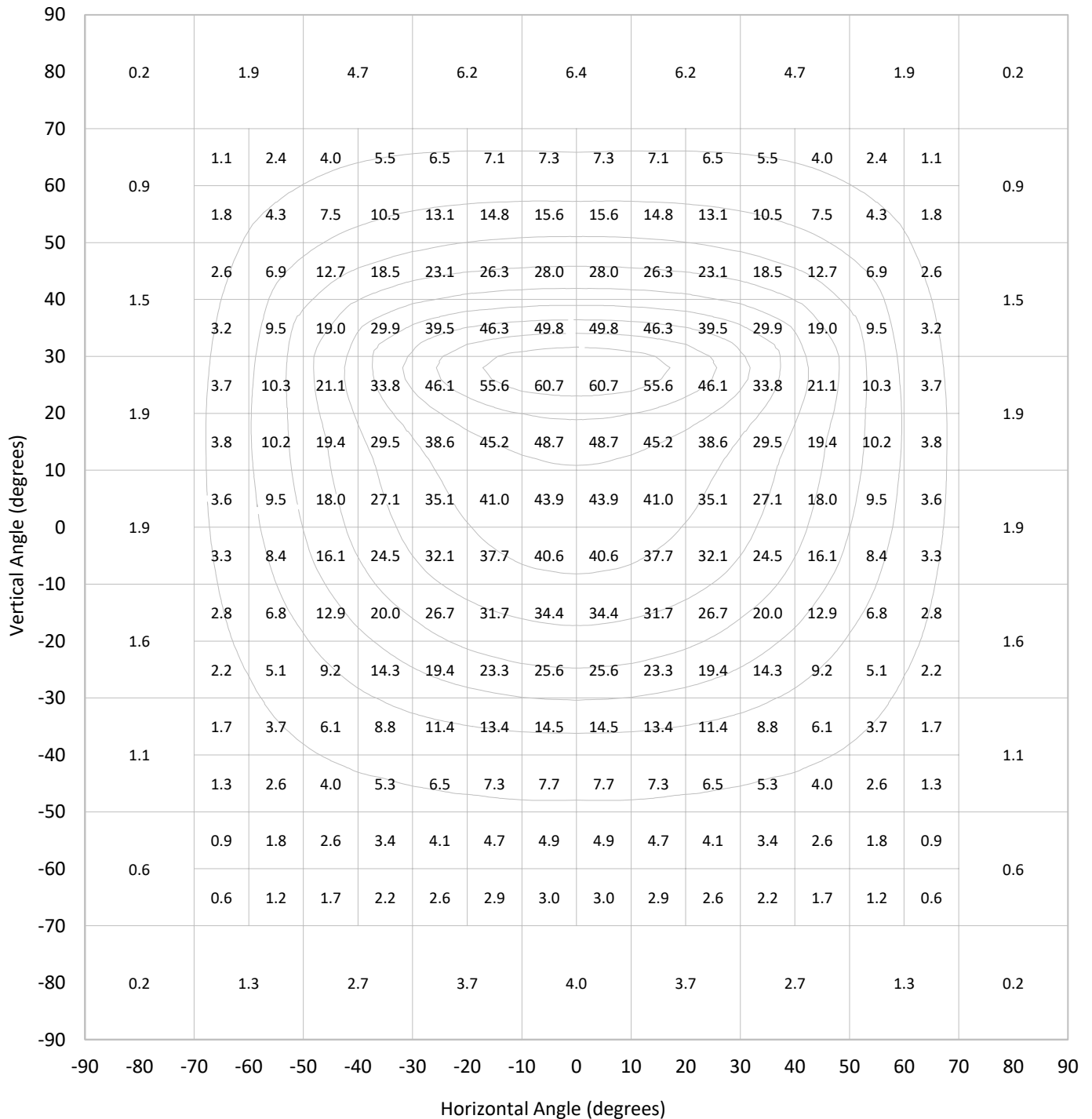
Iso-Candela Plot





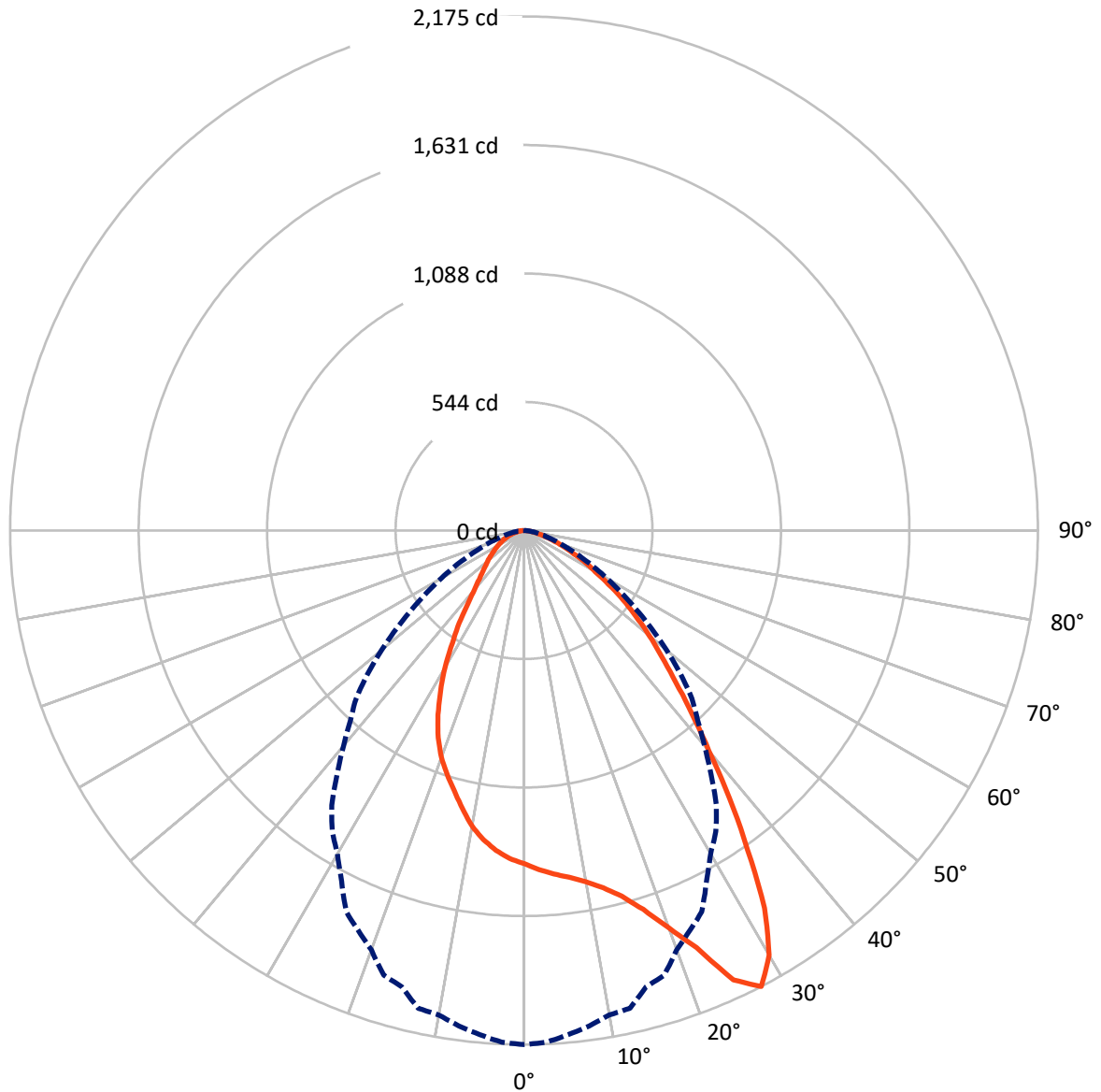
REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
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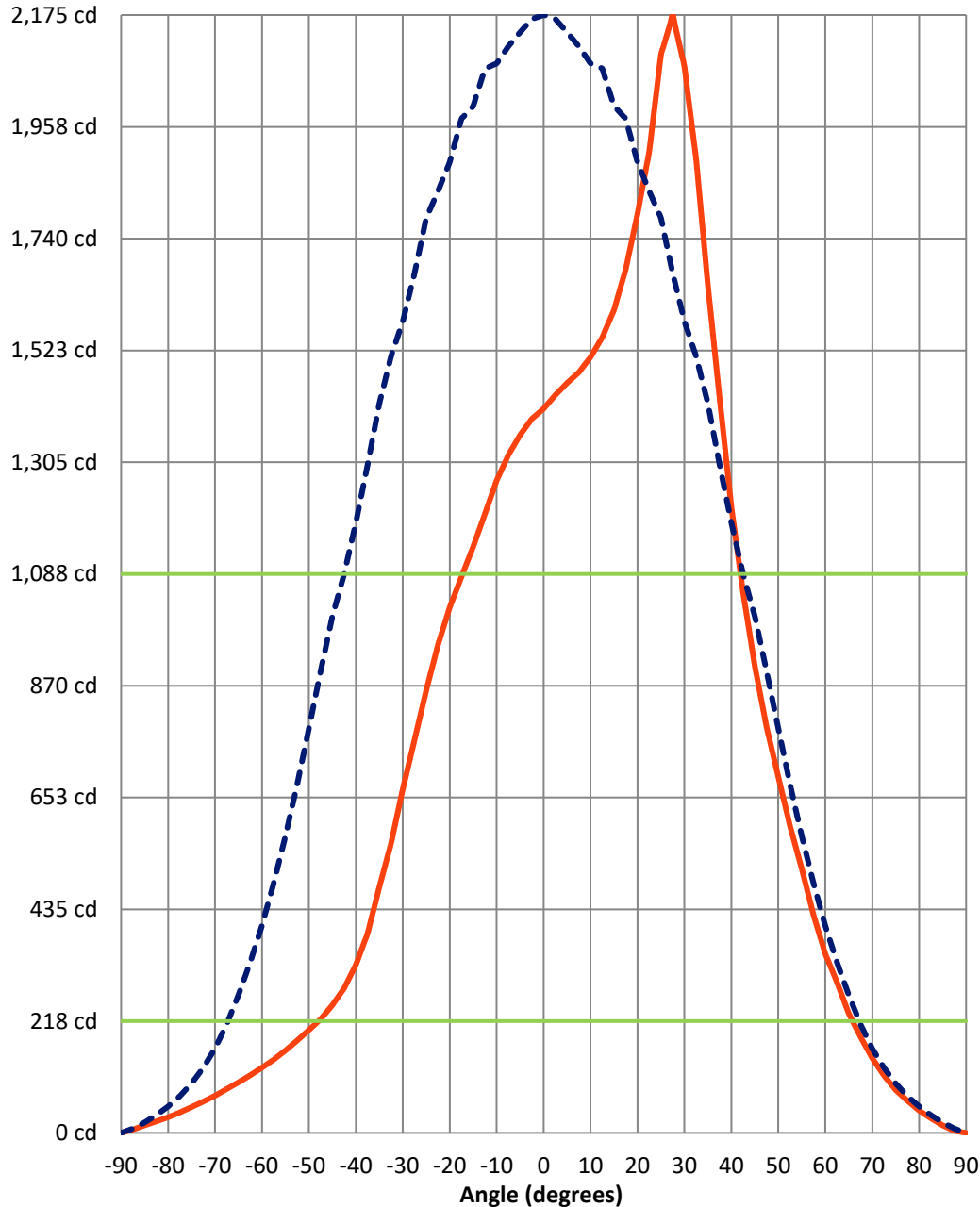
Luminous Intensity Polar Plot



— 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: 1644.6
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 2933.4
 Efficiency: 92.5%

Spill:
 Lumens: 237.5
 Efficiency: 7.5%

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



REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.4	0.8	1.3	1.7	2.1	2.4	2.8	3.1	3.5	3.8
85°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	5.6	6.3	7.0	7.6
82.5°	0.0	1.2	2.5	3.8	5.0	6.1	7.3	8.4	9.6	11.7	13.9
80°	0.0	1.7	3.4	5.0	6.6	8.2	9.9	12.6	15.5	18.5	21.5
77.5°	0.0	2.1	4.2	6.2	8.2	10.7	14.1	17.6	21.3	25.2	29.6
75°	0.0	2.5	5.0	7.5	10.0	14.0	18.2	22.5	27.2	33.1	39.2
72.5°	0.0	2.9	5.8	8.7	12.6	17.2	22.2	27.7	34.5	41.5	48.7
70°	0.0	3.3	6.6	10.0	15.0	20.4	26.3	33.9	41.7	49.7	59.1
67.5°	0.0	3.6	7.4	11.8	17.5	23.6	31.3	39.9	48.7	59.2	69.7
65°	0.0	4.0	8.2	13.5	19.9	27.0	36.2	45.8	56.9	68.4	80.6
62.5°	0.0	4.4	8.9	15.2	22.2	30.8	40.9	52.4	64.8	77.7	92.6
60°	0.0	4.8	9.7	16.8	24.4	34.5	45.4	59.1	72.6	88.0	104.3
57.5°	0.0	5.1	10.7	18.4	27.1	38.0	50.6	65.6	81.0	97.9	117.6
55°	0.0	5.5	11.7	20.0	29.7	41.3	55.5	71.6	89.3	108.0	131.3
52.5°	0.0	5.8	12.7	21.5	32.2	44.6	60.3	78.0	97.3	119.2	144.1
50°	0.0	6.1	13.6	22.9	34.6	48.3	64.7	84.0	105.3	129.8	159.5
47.5°	0.0	6.4	14.5	24.3	36.8	51.7	68.9	89.7	113.9	139.6	174.2
45°	0.0	6.7	15.4	25.9	38.9	54.8	73.4	94.9	121.4	151.5	187.7
42.5°	0.0	7.0	16.2	27.4	40.9	57.8	77.4	100.4	128.2	162.5	202.8
40°	0.0	7.3	17.0	28.8	42.9	60.5	81.2	105.9	135.1	172.4	217.1
37.5°	0.0	7.5	17.8	30.1	44.9	62.9	84.5	110.9	142.6	181.4	229.8
35°	0.0	7.8	18.5	31.4	46.8	65.4	87.5	115.3	149.2	191.0	241.8
32.5°	0.0	8.0	19.1	32.5	48.5	67.7	90.4	119.3	154.9	199.1	252.5
30°	0.0	8.2	19.7	33.6	49.9	69.7	93.5	122.9	159.7	205.9	261.3
27.5°	0.0	8.4	20.3	34.6	51.3	71.5	96.1	126.8	164.2	211.4	268.4
25°	0.0	8.6	20.8	35.5	52.6	72.9	98.4	129.9	168.5	216.4	273.7
22.5°	0.0	8.7	21.3	36.3	53.7	74.2	100.2	132.3	171.7	220.4	278.2
20°	0.0	8.9	21.7	37.0	54.5	75.5	101.6	134.1	173.9	223.1	281.1
17.5°	0.0	9.0	22.0	37.6	55.3	76.5	102.9	135.2	175.2	224.3	282.5
15°	0.0	9.1	22.3	38.1	55.8	77.3	103.9	135.9	175.4	224.2	282.3
12.5°	0.0	9.2	22.6	38.5	56.2	77.9	104.6	136.5	175.4	222.9	280.6
10°	0.0	9.3	22.8	38.8	56.5	78.3	104.8	136.5	175.1	222.2	278.1
7.5°	0.0	9.3	23.0	39.0	56.5	78.4	104.7	136.0	174.1	220.8	275.3
5°	0.0	9.4	23.1	39.1	56.5	78.4	104.3	135.1	172.4	218.5	271.0
2.5°	0.0	9.4	23.1	39.2	56.2	78.1	103.5	133.7	170.0	215.2	265.6
0°	0.0	9.4	23.1	39.1	55.9	77.6	102.4	131.8	167.0	211.1	259.0
-2.5°	0.0	9.4	23.0	38.9	55.6	76.9	101.2	129.9	164.0	206.6	252.4
-5°	0.0	9.4	22.9	38.7	55.2	75.9	99.8	127.6	160.5	201.3	244.8
-7.5°	0.0	9.4	22.8	38.3	54.7	74.8	98.1	124.9	156.6	195.3	236.6
-10°	0.0	9.3	22.6	37.9	54.0	73.5	96.1	121.9	152.2	188.8	227.7
-12.5°	0.0	9.3	22.3	37.3	53.3	72.1	93.9	118.6	147.4	181.9	218.9
-15°	0.0	9.2	22.0	36.7	52.4	70.5	91.4	115.1	142.5	175.1	210.0
-17.5°	0.0	9.1	21.7	36.0	51.3	68.7	88.8	111.5	137.6	167.9	200.6
-20°	0.0	9.0	21.3	35.3	50.2	66.9	86.0	107.9	132.4	160.4	190.9



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 CATALOG NUMBER: GFLD-SA1B-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	8.9	20.8	34.4	49.0	64.9	83.3	104.0	127.0	152.6	180.9
-25°	0.0	8.7	20.4	33.5	47.6	63.0	80.4	99.9	121.5	144.6	170.6
-27.5°	0.0	8.5	19.9	32.6	46.2	60.9	77.3	95.6	115.7	136.9	160.8
-30°	0.0	8.4	19.3	31.5	44.6	58.8	74.1	91.1	110.2	129.8	151.1
-32.5°	0.0	8.2	18.7	30.4	43.0	56.5	70.8	86.9	104.6	122.8	141.4
-35°	0.0	7.9	18.1	29.3	41.3	54.1	67.7	82.8	98.9	115.7	131.8
-37.5°	0.0	7.7	17.4	28.0	39.6	51.6	64.6	78.5	93.1	108.6	123.8
-40°	0.0	7.4	16.7	26.8	37.7	49.3	61.5	74.2	87.1	101.8	116.3
-42.5°	0.0	7.2	16.0	25.5	35.9	46.9	58.2	69.9	81.8	95.1	108.7
-45°	0.0	6.9	15.3	24.1	34.1	44.4	54.8	65.6	76.7	88.5	101.0
-47.5°	0.0	6.6	14.5	22.7	32.2	41.8	51.3	61.6	71.7	81.9	93.6
-50°	0.0	6.3	13.7	21.4	30.3	39.2	48.1	57.5	66.7	76.3	86.3
-52.5°	0.0	6.0	12.9	20.2	28.3	36.5	45.0	53.2	61.9	70.6	79.1
-55°	0.0	5.6	12.0	18.9	26.2	34.0	41.7	49.0	57.1	64.8	72.8
-57.5°	0.0	5.3	11.1	17.6	24.1	31.3	38.4	45.3	52.2	59.3	66.3
-60°	0.0	4.9	10.3	16.3	21.9	28.7	35.1	41.5	47.4	53.8	60.0
-62.5°	0.0	4.5	9.5	14.9	20.1	25.9	31.9	37.6	43.0	48.2	53.9
-65°	0.0	4.2	8.7	13.5	18.3	23.2	28.6	33.7	38.6	43.2	47.8
-67.5°	0.0	3.8	7.9	12.0	16.4	20.6	25.3	29.9	34.1	38.3	42.2
-70°	0.0	3.4	7.1	10.6	14.5	18.2	21.9	26.1	29.9	33.3	36.8
-72.5°	0.0	3.0	6.2	9.3	12.5	15.8	19.0	22.2	25.6	28.7	31.5
-75°	0.0	2.6	5.4	8.0	10.6	13.4	16.2	18.8	21.4	24.1	26.5
-77.5°	0.0	2.1	4.5	6.7	8.8	11.0	13.3	15.5	17.6	19.6	21.6
-80°	0.0	1.7	3.6	5.4	7.1	8.7	10.4	12.2	14.0	15.6	17.1
-82.5°	0.0	1.3	2.7	4.0	5.3	6.5	7.7	9.0	10.3	11.5	12.8
-85°	0.0	0.9	1.8	2.7	3.5	4.4	5.2	6.0	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.4	3.8	4.2
-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: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	4.0	4.2	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.1	5.2
85°	8.0	8.4	9.4	10.3	11.3	12.2	13.0	13.7	14.2	14.7	15.1
82.5°	15.7	17.4	18.9	20.4	21.8	23.0	24.2	25.6	26.7	27.6	28.3
80°	24.0	26.3	29.1	31.7	34.1	36.3	38.2	40.0	41.4	42.8	44.1
77.5°	33.8	37.6	41.0	44.2	47.3	50.9	54.2	57.3	59.6	61.4	62.7
75°	44.4	48.8	53.8	58.8	63.5	67.8	72.0	77.1	81.2	84.3	86.8
72.5°	55.6	61.9	68.1	74.0	80.9	87.6	94.1	100.3	105.8	109.9	113.2
70°	67.7	75.0	83.5	92.1	100.4	108.8	117.7	125.8	132.6	137.4	141.9
67.5°	80.1	90.4	100.4	110.8	122.5	133.1	142.9	153.2	162.3	168.3	173.5
65°	94.3	105.8	119.3	133.0	145.8	159.2	171.5	182.7	194.1	202.5	209.3
62.5°	108.0	124.3	140.2	156.2	172.4	186.9	203.0	217.4	228.9	240.8	251.0
60°	124.4	143.7	163.2	182.5	200.6	221.0	238.6	255.3	270.7	284.0	296.6
57.5°	140.8	165.7	188.7	211.4	235.3	257.1	277.8	296.5	315.0	330.4	345.5
55°	157.9	190.0	216.5	244.6	270.9	295.5	318.8	342.3	361.9	383.1	401.5
52.5°	177.0	213.6	247.9	278.7	308.4	336.8	364.7	393.0	420.5	442.5	463.3
50°	194.8	238.4	279.6	314.9	349.0	382.7	417.6	452.9	483.2	508.4	530.1
47.5°	214.4	261.5	313.9	352.9	393.8	435.6	477.9	516.9	550.0	584.2	608.2
45°	233.5	284.8	341.7	395.8	443.2	493.7	540.4	583.4	631.4	668.7	700.7
42.5°	250.9	306.9	370.2	439.1	498.3	552.6	603.1	663.6	718.7	762.3	802.2
40°	268.8	327.0	396.2	479.4	553.3	611.3	672.8	739.6	811.3	865.0	912.7
37.5°	285.2	347.6	420.0	510.0	607.5	671.2	739.2	811.7	893.4	974.2	1031.6
35°	299.7	365.1	443.5	535.0	634.8	729.3	801.2	878.4	967.9	1072.7	1151.0
32.5°	312.9	379.3	462.2	554.5	655.8	766.5	857.7	937.0	1026.8	1134.9	1267.9
30°	323.7	393.1	476.2	568.6	670.1	780.4	896.2	982.6	1067.8	1173.9	1297.8
27.5°	331.8	403.2	485.7	577.4	677.8	786.9	898.3	1004.8	1087.3	1187.2	1299.8
25°	338.1	411.5	490.8	580.6	678.9	784.0	891.2	992.1	1084.7	1172.7	1273.8
22.5°	343.2	417.3	496.4	578.4	673.8	773.9	874.8	970.9	1060.5	1143.0	1229.9
20°	347.1	420.9	499.2	580.6	665.2	757.5	854.0	945.5	1032.0	1111.8	1182.6
17.5°	348.9	422.0	499.2	580.2	663.7	744.5	828.5	916.4	1001.5	1080.8	1150.7
15°	348.6	420.6	496.5	577.1	659.4	739.4	816.8	889.3	968.6	1048.7	1118.4
12.5°	346.3	416.8	491.0	571.3	652.3	731.4	807.4	880.2	951.3	1018.4	1084.9
10°	342.1	410.7	483.1	562.9	642.6	720.5	795.5	868.5	938.8	1004.7	1066.7
7.5°	337.8	403.9	473.5	551.9	630.1	706.6	780.9	854.1	923.1	988.8	1051.4
5°	332.1	396.7	466.3	541.3	616.7	691.4	764.1	836.9	904.0	970.4	1033.2
2.5°	324.8	387.7	457.1	528.4	601.7	675.6	745.9	817.3	886.1	949.9	1011.9
0°	316.2	377.1	446.0	513.2	584.2	657.1	724.7	794.6	866.2	926.5	987.0
-2.5°	306.8	364.4	429.8	496.7	565.3	636.8	706.1	772.4	842.4	903.3	965.1
-5°	296.2	350.3	412.0	478.1	544.2	613.9	684.5	747.5	814.4	874.6	935.4
-7.5°	284.7	335.2	392.6	457.2	520.2	585.9	652.8	713.4	778.4	838.0	897.2
-10°	272.5	320.2	373.9	433.6	492.9	554.2	617.0	676.4	738.9	798.2	855.3
-12.5°	260.8	305.5	354.5	408.8	464.2	520.9	579.3	636.6	695.9	755.5	808.8
-15°	248.6	290.0	334.6	383.2	434.2	486.0	539.7	594.0	649.6	707.9	757.1
-17.5°	235.9	273.9	314.2	357.0	403.1	450.1	499.5	551.8	602.7	655.8	703.4
-20°	223.0	257.3	293.6	330.6	371.5	416.5	462.7	509.7	556.0	602.2	646.9



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 CATALOG NUMBER: GFLD-SA1B-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°	209.8	240.4	273.4	306.0	344.9	385.5	426.0	466.8	508.3	548.2	590.5
-25°	197.2	224.7	253.8	285.5	318.9	354.7	389.5	424.0	460.8	498.2	534.6
-27.5°	185.0	209.2	236.7	265.0	292.8	324.7	355.1	384.4	416.5	449.4	478.9
-30°	172.7	195.8	219.8	244.9	269.4	296.0	322.3	347.9	374.2	402.4	427.8
-32.5°	161.4	182.4	204.3	226.3	247.1	267.7	292.1	314.8	336.2	356.3	378.6
-35°	151.0	170.3	189.3	208.2	225.4	243.5	263.9	283.1	300.2	316.4	333.4
-37.5°	141.2	158.4	174.4	191.3	206.6	222.1	237.1	253.7	267.6	280.5	294.4
-40°	131.3	146.8	161.2	175.3	189.3	202.2	215.0	226.3	237.6	249.9	259.5
-42.5°	121.7	136.0	148.9	159.8	172.9	184.1	194.0	203.4	212.6	222.2	229.9
-45°	113.1	125.3	137.1	147.5	157.4	166.9	175.3	182.6	191.3	198.1	203.8
-47.5°	104.5	115.0	125.8	135.4	143.7	151.4	157.7	165.1	172.2	178.0	181.3
-50°	96.0	105.7	114.8	123.7	131.2	137.4	142.8	148.9	154.9	159.8	163.0
-52.5°	88.2	96.3	104.7	112.3	119.3	124.8	129.9	135.2	139.6	143.0	147.2
-55°	80.5	87.9	95.0	101.8	107.7	112.8	117.9	122.5	126.3	129.2	132.7
-57.5°	73.3	80.0	86.1	91.8	97.2	101.6	106.5	110.5	113.9	116.6	120.2
-60°	66.2	72.2	77.8	82.8	87.1	91.5	95.5	99.2	102.2	104.9	108.2
-62.5°	59.2	64.6	69.6	74.2	78.2	81.8	85.4	88.5	91.1	93.8	96.6
-65°	52.6	57.2	61.6	65.8	69.5	72.9	75.9	78.5	80.8	83.3	85.5
-67.5°	46.1	50.3	54.0	57.3	60.8	64.1	66.8	69.2	71.2	73.2	75.1
-70°	40.2	43.6	47.0	49.9	52.6	55.3	58.0	60.2	61.9	63.5	65.1
-72.5°	34.4	37.4	40.2	42.8	45.2	47.4	49.5	51.5	53.1	54.4	55.4
-75°	28.9	31.3	33.7	35.9	37.9	39.6	41.2	42.8	44.1	45.2	46.1
-77.5°	23.7	25.6	27.5	29.2	30.6	32.0	33.2	34.4	35.4	36.2	36.8
-80°	18.6	20.0	21.5	22.9	24.0	24.9	25.7	26.4	27.2	27.9	28.6
-82.5°	13.8	14.9	15.8	16.8	17.6	18.2	18.8	19.3	19.9	20.3	20.8
-85°	9.1	9.7	10.3	10.9	11.5	12.0	12.4	12.8	13.1	13.3	13.5
-87.5°	4.5	4.8	5.1	5.4	5.7	5.9	6.1	6.4	6.5	6.7	6.8
-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: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	5.2	5.3	5.2	5.2	5.2	4.9	4.7	4.4	4.2	4.3	4.4
85°	15.3	15.4	15.4	15.2	15.0	15.0	14.9	14.8	14.7	14.9	15.1
82.5°	28.9	29.1	29.1	29.0	28.7	28.8	28.9	28.8	28.6	28.8	29.0
80°	45.1	45.5	45.6	45.2	44.6	44.7	44.8	44.6	44.3	44.4	44.4
77.5°	64.3	65.3	65.6	65.5	64.8	64.6	64.2	63.3	62.1	62.0	62.1
75°	88.7	89.7	90.3	90.2	89.6	89.2	88.7	87.7	86.2	86.2	86.2
72.5°	115.7	117.2	117.9	118.5	118.5	118.2	117.5	116.0	113.7	113.5	113.8
70°	145.5	148.0	149.6	150.8	151.8	152.0	151.5	150.2	148.3	147.8	147.6
67.5°	178.6	182.6	185.7	187.7	189.6	191.0	191.5	190.9	189.3	188.8	189.0
65°	215.8	222.0	227.1	230.9	233.4	235.2	236.8	237.8	238.0	238.6	239.3
62.5°	259.2	266.8	273.9	278.8	281.3	283.0	288.1	291.0	291.9	292.1	293.2
60°	307.7	317.3	326.2	333.3	339.0	343.3	347.7	350.6	351.7	351.9	353.4
57.5°	360.7	372.8	383.1	394.2	401.8	406.3	412.1	418.1	421.2	422.1	425.8
55°	419.4	435.8	449.3	461.0	471.8	481.2	489.2	495.4	500.0	502.7	507.6
52.5°	484.3	503.6	517.6	531.5	546.9	557.7	564.8	576.2	584.5	589.0	594.8
50°	555.5	577.0	596.2	610.7	628.6	643.4	654.2	665.0	672.5	676.8	682.5
47.5°	636.6	663.1	685.3	698.8	719.5	737.0	744.0	752.2	766.4	773.2	779.3
45°	727.9	761.7	786.4	807.4	825.3	844.9	857.7	866.9	881.0	888.0	892.4
42.5°	836.5	874.1	906.6	931.9	946.9	972.3	990.8	996.0	1015.9	1029.3	1033.3
40°	958.3	1000.0	1042.9	1071.7	1095.9	1121.7	1152.2	1169.2	1186.0	1199.2	1202.2
37.5°	1085.2	1141.1	1190.1	1227.2	1267.2	1305.3	1337.6	1355.3	1366.3	1391.5	1401.0
35°	1214.3	1271.9	1340.5	1398.3	1446.7	1493.7	1530.7	1559.7	1587.5	1610.2	1623.8
32.5°	1324.1	1386.1	1470.9	1557.4	1609.7	1660.6	1721.2	1754.5	1791.5	1821.5	1843.3
30°	1414.4	1473.4	1550.5	1659.1	1730.7	1782.2	1859.0	1905.1	1945.4	1996.1	2013.8
27.5°	1418.7	1510.9	1579.1	1672.6	1780.0	1832.3	1889.2	1972.9	1998.3	2070.6	2081.1
25°	1381.5	1478.2	1548.4	1626.4	1715.7	1779.4	1831.3	1900.9	1937.3	1983.9	2019.6
22.5°	1323.3	1408.5	1480.0	1546.2	1615.9	1673.9	1721.3	1770.2	1810.2	1846.3	1879.9
20°	1258.9	1339.8	1407.7	1464.6	1519.9	1573.6	1616.2	1657.3	1691.9	1722.9	1742.0
17.5°	1213.6	1271.8	1341.2	1399.5	1447.4	1489.5	1533.7	1568.0	1598.4	1626.3	1643.7
15°	1182.7	1238.1	1287.4	1340.9	1391.4	1431.6	1464.8	1500.3	1526.5	1550.5	1569.4
12.5°	1150.6	1207.7	1259.3	1303.8	1343.3	1387.3	1422.8	1450.7	1478.2	1497.1	1516.5
10°	1123.8	1177.2	1230.7	1277.7	1319.3	1355.6	1389.2	1420.5	1445.1	1466.3	1481.6
7.5°	1108.2	1160.6	1208.7	1253.8	1294.3	1332.9	1367.6	1396.3	1420.8	1442.7	1458.7
5°	1090.2	1142.0	1190.0	1236.1	1275.1	1312.1	1346.7	1376.2	1401.5	1421.0	1436.3
2.5°	1069.5	1120.6	1168.5	1215.4	1254.3	1290.0	1322.8	1351.5	1377.9	1396.5	1409.5
0°	1045.9	1097.1	1143.9	1188.1	1227.2	1265.7	1295.8	1324.9	1350.7	1369.1	1382.1
-2.5°	1022.1	1073.0	1121.5	1163.8	1202.7	1238.2	1270.2	1297.7	1322.3	1340.7	1352.1
-5°	990.5	1041.0	1088.9	1131.6	1172.2	1207.8	1239.0	1266.9	1290.6	1310.6	1326.2
-7.5°	952.2	1003.4	1051.2	1094.7	1135.1	1168.8	1198.7	1226.9	1252.2	1274.0	1293.1
-10°	910.2	960.8	1005.9	1046.7	1084.3	1118.6	1150.4	1178.2	1201.4	1222.8	1238.9
-12.5°	861.1	908.0	952.2	992.4	1029.2	1063.5	1093.7	1120.2	1143.6	1162.5	1177.0
-15°	807.1	851.5	893.4	934.5	973.0	1006.8	1033.4	1061.3	1081.6	1099.9	1113.0
-17.5°	749.2	792.2	836.2	877.4	912.9	946.3	975.6	1001.1	1022.3	1039.2	1053.9
-20°	690.6	734.4	776.7	816.0	850.2	881.1	910.8	935.3	957.0	975.4	992.7



REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	631.7	671.9	711.6	750.0	782.4	811.6	837.5	861.0	880.2	901.8	917.1
-25°	571.2	606.4	642.3	676.2	706.8	735.5	759.1	779.6	799.7	820.5	835.4
-27.5°	510.4	541.5	570.7	600.7	627.5	652.4	674.2	692.2	711.7	725.6	742.0
-30°	450.3	478.5	502.9	523.8	548.9	570.3	587.3	605.2	621.2	634.5	648.3
-32.5°	399.4	418.7	438.1	455.6	472.4	489.9	503.6	519.2	530.2	541.7	552.8
-35°	350.5	365.4	378.3	394.6	407.2	416.7	428.1	439.6	443.9	456.4	463.1
-37.5°	306.2	315.9	328.0	339.4	348.7	355.8	366.0	372.0	375.1	383.2	387.5
-40°	268.3	274.4	285.7	293.4	299.1	304.3	312.7	316.6	320.9	324.9	325.1
-42.5°	234.9	242.9	250.4	256.5	260.1	266.0	270.0	270.4	276.0	279.6	280.2
-45°	207.6	215.7	221.7	226.2	229.7	234.8	237.4	238.8	243.4	245.8	246.9
-47.5°	186.7	192.3	197.5	201.0	205.6	209.4	211.2	213.7	217.2	219.4	221.0
-50°	168.2	172.7	176.7	179.9	184.5	187.8	189.6	192.6	195.2	196.8	198.1
-52.5°	152.1	156.0	158.8	161.8	165.7	168.7	171.0	173.9	176.1	177.5	178.6
-55°	136.9	140.6	143.3	146.6	149.4	151.4	153.4	156.2	158.4	159.8	160.7
-57.5°	123.5	126.3	128.9	132.0	134.6	136.7	138.5	140.1	141.5	142.7	143.6
-60°	110.9	113.2	115.6	118.0	120.0	121.6	123.4	124.9	125.8	126.4	127.1
-62.5°	98.9	100.9	103.1	105.0	106.6	107.9	109.4	110.6	111.4	112.0	112.5
-65°	87.4	89.2	91.0	92.6	94.0	95.1	96.2	97.0	97.6	98.1	98.5
-67.5°	76.7	78.1	79.4	80.5	81.6	82.5	83.5	84.1	84.4	84.8	85.2
-70°	66.4	67.5	68.3	69.0	69.6	70.4	71.3	71.9	72.3	72.7	73.0
-72.5°	56.4	57.2	57.9	58.4	58.7	59.2	59.9	60.4	60.8	61.1	61.2
-75°	46.7	47.4	48.0	48.4	48.7	49.0	49.4	49.5	49.6	49.7	49.8
-77.5°	37.3	38.0	38.6	39.0	39.2	39.5	39.7	39.9	39.9	39.9	39.8
-80°	29.1	29.6	30.0	30.3	30.5	30.7	30.8	30.8	30.7	30.8	30.8
-82.5°	21.2	21.6	21.9	22.2	22.4	22.6	22.7	22.8	22.9	22.9	22.9
-85°	13.7	13.9	14.1	14.2	14.4	14.5	14.5	14.6	14.5	14.5	14.5
-87.5°	6.9	6.8	6.7	6.5	6.3	6.4	6.4	6.5	6.5	6.5	6.6
-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: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	4.6	4.7	4.3	4.0	4.3	4.7	4.6	4.4	4.3	4.2	4.4
85°	15.2	15.3	15.0	14.7	15.0	15.3	15.2	15.1	14.9	14.7	14.8
82.5°	29.0	28.9	28.7	28.4	28.7	28.9	29.0	29.0	28.8	28.6	28.8
80°	44.3	44.0	43.8	43.5	43.8	44.0	44.3	44.4	44.4	44.3	44.6
77.5°	61.9	61.6	62.2	62.6	62.2	61.6	61.9	62.1	62.0	62.1	63.3
75°	85.9	85.2	84.6	83.6	84.6	85.2	85.9	86.2	86.2	86.2	87.7
72.5°	113.7	113.2	112.6	111.7	112.6	113.2	113.7	113.8	113.5	113.7	116.0
70°	146.8	145.2	145.5	145.5	145.5	145.2	146.8	147.6	147.8	148.3	150.2
67.5°	188.4	187.0	187.2	187.0	187.2	187.0	188.4	189.0	188.8	189.3	190.9
65°	238.9	237.3	235.4	232.5	235.4	237.3	238.9	239.3	238.6	238.0	237.8
62.5°	293.1	291.6	292.5	293.1	292.5	291.6	293.1	293.2	292.1	291.9	291.0
60°	353.2	351.2	350.2	348.6	350.2	351.2	353.2	353.4	351.9	351.7	350.6
57.5°	427.5	427.1	426.2	423.9	426.2	427.1	427.5	425.8	422.1	421.2	418.1
55°	509.8	509.4	511.3	513.6	511.3	509.4	509.8	507.6	502.7	500.0	495.4
52.5°	599.1	600.6	600.1	596.9	600.1	600.6	599.1	594.8	589.0	584.5	576.2
50°	687.4	689.1	690.9	692.6	690.9	689.1	687.4	682.5	676.8	672.5	665.0
47.5°	787.6	792.0	792.8	789.6	792.8	792.0	787.6	779.3	773.2	766.4	752.2
45°	901.3	904.0	905.3	908.0	905.3	904.0	901.3	892.4	888.0	881.0	866.9
42.5°	1044.7	1047.8	1048.3	1051.2	1048.3	1047.8	1044.7	1033.3	1029.3	1015.9	996.0
40°	1215.0	1220.0	1219.1	1217.9	1219.1	1220.0	1215.0	1202.2	1199.2	1186.0	1169.2
37.5°	1414.2	1422.8	1423.7	1429.0	1423.7	1422.8	1414.2	1401.0	1391.5	1366.3	1355.3
35°	1637.9	1647.9	1646.2	1648.8	1646.2	1647.9	1637.9	1623.8	1610.2	1587.5	1559.7
32.5°	1863.5	1878.6	1881.7	1894.4	1881.7	1878.6	1863.5	1843.3	1821.5	1791.5	1754.5
30°	2040.7	2061.9	2075.8	2074.7	2075.8	2061.9	2040.7	2013.8	1996.1	1945.4	1905.1
27.5°	2114.2	2141.6	2167.3	2175.1	2167.3	2141.6	2114.2	2081.1	2070.6	1998.3	1972.9
25°	2042.5	2062.6	2085.3	2097.5	2085.3	2062.6	2042.5	2019.6	1983.9	1937.3	1900.9
22.5°	1895.3	1908.4	1916.1	1909.8	1916.1	1908.4	1895.3	1879.9	1846.3	1810.2	1770.2
20°	1761.7	1778.3	1781.4	1788.0	1781.4	1778.3	1761.7	1742.0	1722.9	1691.9	1657.3
17.5°	1662.3	1673.2	1679.5	1680.9	1679.5	1673.2	1662.3	1643.7	1626.3	1598.4	1568.0
15°	1584.4	1593.1	1598.8	1601.3	1598.8	1593.1	1584.4	1569.4	1550.5	1526.5	1500.3
12.5°	1529.2	1539.8	1545.0	1548.1	1545.0	1539.8	1529.2	1516.5	1497.1	1478.2	1450.7
10°	1493.8	1504.0	1508.1	1509.6	1508.1	1504.0	1493.8	1481.6	1466.3	1445.1	1420.5
7.5°	1468.3	1474.9	1477.7	1479.8	1477.7	1474.9	1468.3	1458.7	1442.7	1420.8	1396.3
5°	1447.8	1453.1	1456.0	1459.1	1456.0	1453.1	1447.8	1436.3	1421.0	1401.5	1376.2
2.5°	1419.9	1427.4	1432.5	1435.7	1432.5	1427.4	1419.9	1409.5	1396.5	1377.9	1351.5
0°	1392.5	1399.5	1403.2	1409.2	1403.2	1399.5	1392.5	1382.1	1369.1	1350.7	1324.9
-2.5°	1362.3	1370.5	1380.2	1389.5	1380.2	1370.5	1362.3	1352.1	1340.7	1322.3	1297.7
-5°	1339.3	1350.0	1352.1	1358.1	1352.1	1350.0	1339.3	1326.2	1310.6	1290.6	1266.9
-7.5°	1304.6	1309.5	1317.8	1319.2	1317.8	1309.5	1304.6	1293.1	1274.0	1252.2	1226.9
-10°	1250.9	1258.9	1264.1	1269.4	1264.1	1258.9	1250.9	1238.9	1222.8	1201.4	1178.2
-12.5°	1187.9	1197.3	1205.7	1204.5	1205.7	1197.3	1187.9	1177.0	1162.5	1143.6	1120.2
-15°	1126.5	1135.6	1141.4	1140.6	1141.4	1135.6	1126.5	1113.0	1099.9	1081.6	1061.3
-17.5°	1065.6	1073.9	1082.3	1082.0	1082.3	1073.9	1065.6	1053.9	1039.2	1022.3	1001.1
-20°	1002.8	1009.9	1018.7	1022.5	1018.7	1009.9	1002.8	992.7	975.4	957.0	935.3



REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	930.1	939.1	945.5	949.5	945.5	939.1	930.1	917.1	901.8	880.2	861.0
-25°	845.3	854.5	859.4	861.2	859.4	854.5	845.3	835.4	820.5	799.7	779.6
-27.5°	751.6	762.0	767.1	764.5	767.1	762.0	751.6	742.0	725.6	711.7	692.2
-30°	655.6	662.2	663.0	668.8	663.0	662.2	655.6	648.3	634.5	621.2	605.2
-32.5°	560.8	565.3	562.7	563.1	562.7	565.3	560.8	552.8	541.7	530.2	519.2
-35°	467.2	470.8	471.5	478.1	471.5	470.8	467.2	463.1	456.4	443.9	439.6
-37.5°	392.0	393.4	391.2	388.1	391.2	393.4	392.0	387.5	383.2	375.1	372.0
-40°	328.2	329.4	328.5	326.9	328.5	329.4	328.2	325.1	324.9	320.9	316.6
-42.5°	282.3	282.3	281.6	281.4	281.6	282.3	282.3	280.2	279.6	276.0	270.4
-45°	248.4	248.8	248.7	248.6	248.7	248.8	248.4	246.9	245.8	243.4	238.8
-47.5°	222.1	222.2	221.8	221.2	221.8	222.2	222.1	221.0	219.4	217.2	213.7
-50°	198.8	198.8	199.3	200.1	199.3	198.8	198.8	198.1	196.8	195.2	192.6
-52.5°	179.2	179.1	179.4	179.7	179.4	179.1	179.2	178.6	177.5	176.1	173.9
-55°	161.2	161.1	160.8	160.3	160.8	161.1	161.2	160.7	159.8	158.4	156.2
-57.5°	143.9	143.7	143.3	142.5	143.3	143.7	143.9	143.6	142.7	141.5	140.1
-60°	127.5	127.6	127.4	126.8	127.4	127.6	127.5	127.1	126.4	125.8	124.9
-62.5°	112.6	112.4	112.3	112.1	112.3	112.4	112.6	112.5	112.0	111.4	110.6
-65°	98.6	98.3	98.4	98.4	98.4	98.3	98.6	98.5	98.1	97.6	97.0
-67.5°	85.4	85.4	85.4	85.3	85.4	85.4	85.4	85.2	84.8	84.4	84.1
-70°	73.2	73.3	72.9	72.3	72.9	73.3	73.2	73.0	72.7	72.3	71.9
-72.5°	61.2	60.9	61.0	60.9	61.0	60.9	61.2	61.2	61.1	60.8	60.4
-75°	49.8	49.7	50.0	50.2	50.0	49.7	49.8	49.8	49.7	49.6	49.5
-77.5°	39.6	39.4	39.6	39.8	39.6	39.4	39.6	39.8	39.9	39.9	39.9
-80°	30.8	30.7	30.6	30.4	30.6	30.7	30.8	30.8	30.8	30.7	30.8
-82.5°	22.8	22.7	22.6	22.4	22.6	22.7	22.8	22.9	22.9	22.9	22.8
-85°	14.4	14.3	14.5	14.7	14.5	14.3	14.4	14.5	14.5	14.5	14.6
-87.5°	6.6	6.7	6.5	6.4	6.5	6.7	6.6	6.6	6.5	6.5	6.5
-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: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	4.7	4.9	5.2	5.2	5.2	5.3	5.2	5.2	5.1	5.1	5.0
85°	14.9	15.0	15.0	15.2	15.4	15.4	15.3	15.1	14.7	14.2	13.7
82.5°	28.9	28.8	28.7	29.0	29.1	29.1	28.9	28.3	27.6	26.7	25.6
80°	44.8	44.7	44.6	45.2	45.6	45.5	45.1	44.1	42.8	41.4	40.0
77.5°	64.2	64.6	64.8	65.5	65.6	65.3	64.3	62.7	61.4	59.6	57.3
75°	88.7	89.2	89.6	90.2	90.3	89.7	88.7	86.8	84.3	81.2	77.1
72.5°	117.5	118.2	118.5	118.5	117.9	117.2	115.7	113.2	109.9	105.8	100.3
70°	151.5	152.0	151.8	150.8	149.6	148.0	145.5	141.9	137.4	132.6	125.8
67.5°	191.5	191.0	189.6	187.7	185.7	182.6	178.6	173.5	168.3	162.3	153.2
65°	236.8	235.2	233.4	230.9	227.1	222.0	215.8	209.3	202.5	194.1	182.7
62.5°	288.1	283.0	281.3	278.8	273.9	266.8	259.2	251.0	240.8	228.9	217.4
60°	347.7	343.3	339.0	333.3	326.2	317.3	307.7	296.6	284.0	270.7	255.3
57.5°	412.1	406.3	401.8	394.2	383.1	372.8	360.7	345.5	330.4	315.0	296.5
55°	489.2	481.2	471.8	461.0	449.3	435.8	419.4	401.5	383.1	361.9	342.3
52.5°	564.8	557.7	546.9	531.5	517.6	503.6	484.3	463.3	442.5	420.5	393.0
50°	654.2	643.4	628.6	610.7	596.2	577.0	555.5	530.1	508.4	483.2	452.9
47.5°	744.0	737.0	719.5	698.8	685.3	663.1	636.6	608.2	584.2	550.0	516.9
45°	857.7	844.9	825.3	807.4	786.4	761.7	727.9	700.7	668.7	631.4	583.4
42.5°	990.8	972.3	946.9	931.9	906.6	874.1	836.5	802.2	762.3	718.7	663.6
40°	1152.2	1121.7	1095.9	1071.7	1042.9	1000.0	958.3	912.7	865.0	811.3	739.6
37.5°	1337.6	1305.3	1267.2	1227.2	1190.1	1141.1	1085.2	1031.6	974.2	893.4	811.7
35°	1530.7	1493.7	1446.7	1398.3	1340.5	1271.9	1214.3	1151.0	1072.7	967.9	878.4
32.5°	1721.2	1660.6	1609.7	1557.4	1470.9	1386.1	1324.1	1267.9	1134.9	1026.8	937.0
30°	1859.0	1782.2	1730.7	1659.1	1550.5	1473.4	1414.4	1297.8	1173.9	1067.8	982.6
27.5°	1889.2	1832.3	1780.0	1672.6	1579.1	1510.9	1418.7	1299.8	1187.2	1087.3	1004.8
25°	1831.3	1779.4	1715.7	1626.4	1548.4	1478.2	1381.5	1273.8	1172.7	1084.7	992.1
22.5°	1721.3	1673.9	1615.9	1546.2	1480.0	1408.5	1323.3	1229.9	1143.0	1060.5	970.9
20°	1616.2	1573.6	1519.9	1464.6	1407.7	1339.8	1258.9	1182.6	1111.8	1032.0	945.5
17.5°	1533.7	1489.5	1447.4	1399.5	1341.2	1271.8	1213.6	1150.7	1080.8	1001.5	916.4
15°	1464.8	1431.6	1391.4	1340.9	1287.4	1238.1	1182.7	1118.4	1048.7	968.6	889.3
12.5°	1422.8	1387.3	1343.3	1303.8	1259.3	1207.7	1150.6	1084.9	1018.4	951.3	880.2
10°	1389.2	1355.6	1319.3	1277.7	1230.7	1177.2	1123.8	1066.7	1004.7	938.8	868.5
7.5°	1367.6	1332.9	1294.3	1253.8	1208.7	1160.6	1108.2	1051.4	988.8	923.1	854.1
5°	1346.7	1312.1	1275.1	1236.1	1190.0	1142.0	1090.2	1033.2	970.4	904.0	836.9
2.5°	1322.8	1290.0	1254.3	1215.4	1168.5	1120.6	1069.5	1011.9	949.9	886.1	817.3
0°	1295.8	1265.7	1227.2	1188.1	1143.9	1097.1	1045.9	987.0	926.5	866.2	794.6
-2.5°	1270.2	1238.2	1202.7	1163.8	1121.5	1073.0	1022.1	965.1	903.3	842.4	772.4
-5°	1239.0	1207.8	1172.2	1131.6	1088.9	1041.0	990.5	935.4	874.6	814.4	747.5
-7.5°	1198.7	1168.8	1135.1	1094.7	1051.2	1003.4	952.2	897.2	838.0	778.4	713.4
-10°	1150.4	1118.6	1084.3	1046.7	1005.9	960.8	910.2	855.3	798.2	738.9	676.4
-12.5°	1093.7	1063.5	1029.2	992.4	952.2	908.0	861.1	808.8	755.5	695.9	636.6
-15°	1033.4	1006.8	973.0	934.5	893.4	851.5	807.1	757.1	707.9	649.6	594.0
-17.5°	975.6	946.3	912.9	877.4	836.2	792.2	749.2	703.4	655.8	602.7	551.8
-20°	910.8	881.1	850.2	816.0	776.7	734.4	690.6	646.9	602.2	556.0	509.7



REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	837.5	811.6	782.4	750.0	711.6	671.9	631.7	590.5	548.2	508.3	466.8
-25°	759.1	735.5	706.8	676.2	642.3	606.4	571.2	534.6	498.2	460.8	424.0
-27.5°	674.2	652.4	627.5	600.7	570.7	541.5	510.4	478.9	449.4	416.5	384.4
-30°	587.3	570.3	548.9	523.8	502.9	478.5	450.3	427.8	402.4	374.2	347.9
-32.5°	503.6	489.9	472.4	455.6	438.1	418.7	399.4	378.6	356.3	336.2	314.8
-35°	428.1	416.7	407.2	394.6	378.3	365.4	350.5	333.4	316.4	300.2	283.1
-37.5°	366.0	355.8	348.7	339.4	328.0	315.9	306.2	294.4	280.5	267.6	253.7
-40°	312.7	304.3	299.1	293.4	285.7	274.4	268.3	259.5	249.9	237.6	226.3
-42.5°	270.0	266.0	260.1	256.5	250.4	242.9	234.9	229.9	222.2	212.6	203.4
-45°	237.4	234.8	229.7	226.2	221.7	215.7	207.6	203.8	198.1	191.3	182.6
-47.5°	211.2	209.4	205.6	201.0	197.5	192.3	186.7	181.3	178.0	172.2	165.1
-50°	189.6	187.8	184.5	179.9	176.7	172.7	168.2	163.0	159.8	154.9	148.9
-52.5°	171.0	168.7	165.7	161.8	158.8	156.0	152.1	147.2	143.0	139.6	135.2
-55°	153.4	151.4	149.4	146.6	143.3	140.6	136.9	132.7	129.2	126.3	122.5
-57.5°	138.5	136.7	134.6	132.0	128.9	126.3	123.5	120.2	116.6	113.9	110.5
-60°	123.4	121.6	120.0	118.0	115.6	113.2	110.9	108.2	104.9	102.2	99.2
-62.5°	109.4	107.9	106.6	105.0	103.1	100.9	98.9	96.6	93.8	91.1	88.5
-65°	96.2	95.1	94.0	92.6	91.0	89.2	87.4	85.5	83.3	80.8	78.5
-67.5°	83.5	82.5	81.6	80.5	79.4	78.1	76.7	75.1	73.2	71.2	69.2
-70°	71.3	70.4	69.6	69.0	68.3	67.5	66.4	65.1	63.5	61.9	60.2
-72.5°	59.9	59.2	58.7	58.4	57.9	57.2	56.4	55.4	54.4	53.1	51.5
-75°	49.4	49.0	48.7	48.4	48.0	47.4	46.7	46.1	45.2	44.1	42.8
-77.5°	39.7	39.5	39.2	39.0	38.6	38.0	37.3	36.8	36.2	35.4	34.4
-80°	30.8	30.7	30.5	30.3	30.0	29.6	29.1	28.6	27.9	27.2	26.4
-82.5°	22.7	22.6	22.4	22.2	21.9	21.6	21.2	20.8	20.3	19.9	19.3
-85°	14.5	14.5	14.4	14.2	14.1	13.9	13.7	13.5	13.3	13.1	12.8
-87.5°	6.4	6.4	6.3	6.5	6.7	6.8	6.9	6.8	6.7	6.5	6.4
-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: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.8	3.5	3.1	2.8
85°	13.0	12.2	11.3	10.3	9.4	8.4	8.0	7.6	7.0	6.3	5.6
82.5°	24.2	23.0	21.8	20.4	18.9	17.4	15.7	13.9	11.7	9.6	8.4
80°	38.2	36.3	34.1	31.7	29.1	26.3	24.0	21.5	18.5	15.5	12.6
77.5°	54.2	50.9	47.3	44.2	41.0	37.6	33.8	29.6	25.2	21.3	17.6
75°	72.0	67.8	63.5	58.8	53.8	48.8	44.4	39.2	33.1	27.2	22.5
72.5°	94.1	87.6	80.9	74.0	68.1	61.9	55.6	48.7	41.5	34.5	27.7
70°	117.7	108.8	100.4	92.1	83.5	75.0	67.7	59.1	49.7	41.7	33.9
67.5°	142.9	133.1	122.5	110.8	100.4	90.4	80.1	69.7	59.2	48.7	39.9
65°	171.5	159.2	145.8	133.0	119.3	105.8	94.3	80.6	68.4	56.9	45.8
62.5°	203.0	186.9	172.4	156.2	140.2	124.3	108.0	92.6	77.7	64.8	52.4
60°	238.6	221.0	200.6	182.5	163.2	143.7	124.4	104.3	88.0	72.6	59.1
57.5°	277.8	257.1	235.3	211.4	188.7	165.7	140.8	117.6	97.9	81.0	65.6
55°	318.8	295.5	270.9	244.6	216.5	190.0	157.9	131.3	108.0	89.3	71.6
52.5°	364.7	336.8	308.4	278.7	247.9	213.6	177.0	144.1	119.2	97.3	78.0
50°	417.6	382.7	349.0	314.9	279.6	238.4	194.8	159.5	129.8	105.3	84.0
47.5°	477.9	435.6	393.8	352.9	313.9	261.5	214.4	174.2	139.6	113.9	89.7
45°	540.4	493.7	443.2	395.8	341.7	284.8	233.5	187.7	151.5	121.4	94.9
42.5°	603.1	552.6	498.3	439.1	370.2	306.9	250.9	202.8	162.5	128.2	100.4
40°	672.8	611.3	553.3	479.4	396.2	327.0	268.8	217.1	172.4	135.1	105.9
37.5°	739.2	671.2	607.5	510.0	420.0	347.6	285.2	229.8	181.4	142.6	110.9
35°	801.2	729.3	634.8	535.0	443.5	365.1	299.7	241.8	191.0	149.2	115.3
32.5°	857.7	766.5	655.8	554.5	462.2	379.3	312.9	252.5	199.1	154.9	119.3
30°	896.2	780.4	670.1	568.6	476.2	393.1	323.7	261.3	205.9	159.7	122.9
27.5°	898.3	786.9	677.8	577.4	485.7	403.2	331.8	268.4	211.4	164.2	126.8
25°	891.2	784.0	678.9	580.6	490.8	411.5	338.1	273.7	216.4	168.5	129.9
22.5°	874.8	773.9	673.8	578.4	496.4	417.3	343.2	278.2	220.4	171.7	132.3
20°	854.0	757.5	665.2	580.6	499.2	420.9	347.1	281.1	223.1	173.9	134.1
17.5°	828.5	744.5	663.7	580.2	499.2	422.0	348.9	282.5	224.3	175.2	135.2
15°	816.8	739.4	659.4	577.1	496.5	420.6	348.6	282.3	224.2	175.4	135.9
12.5°	807.4	731.4	652.3	571.3	491.0	416.8	346.3	280.6	222.9	175.4	136.5
10°	795.5	720.5	642.6	562.9	483.1	410.7	342.1	278.1	222.2	175.1	136.5
7.5°	780.9	706.6	630.1	551.9	473.5	403.9	337.8	275.3	220.8	174.1	136.0
5°	764.1	691.4	616.7	541.3	466.3	396.7	332.1	271.0	218.5	172.4	135.1
2.5°	745.9	675.6	601.7	528.4	457.1	387.7	324.8	265.6	215.2	170.0	133.7
0°	724.7	657.1	584.2	513.2	446.0	377.1	316.2	259.0	211.1	167.0	131.8
-2.5°	706.1	636.8	565.3	496.7	429.8	364.4	306.8	252.4	206.6	164.0	129.9
-5°	684.5	613.9	544.2	478.1	412.0	350.3	296.2	244.8	201.3	160.5	127.6
-7.5°	652.8	585.9	520.2	457.2	392.6	335.2	284.7	236.6	195.3	156.6	124.9
-10°	617.0	554.2	492.9	433.6	373.9	320.2	272.5	227.7	188.8	152.2	121.9
-12.5°	579.3	520.9	464.2	408.8	354.5	305.5	260.8	218.9	181.9	147.4	118.6
-15°	539.7	486.0	434.2	383.2	334.6	290.0	248.6	210.0	175.1	142.5	115.1
-17.5°	499.5	450.1	403.1	357.0	314.2	273.9	235.9	200.6	167.9	137.6	111.5
-20°	462.7	416.5	371.5	330.6	293.6	257.3	223.0	190.9	160.4	132.4	107.9



REPORT NUMBER: P558514 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	426.0	385.5	344.9	306.0	273.4	240.4	209.8	180.9	152.6	127.0	104.0
-25°	389.5	354.7	318.9	285.5	253.8	224.7	197.2	170.6	144.6	121.5	99.9
-27.5°	355.1	324.7	292.8	265.0	236.7	209.2	185.0	160.8	136.9	115.7	95.6
-30°	322.3	296.0	269.4	244.9	219.8	195.8	172.7	151.1	129.8	110.2	91.1
-32.5°	292.1	267.7	247.1	226.3	204.3	182.4	161.4	141.4	122.8	104.6	86.9
-35°	263.9	243.5	225.4	208.2	189.3	170.3	151.0	131.8	115.7	98.9	82.8
-37.5°	237.1	222.1	206.6	191.3	174.4	158.4	141.2	123.8	108.6	93.1	78.5
-40°	215.0	202.2	189.3	175.3	161.2	146.8	131.3	116.3	101.8	87.1	74.2
-42.5°	194.0	184.1	172.9	159.8	148.9	136.0	121.7	108.7	95.1	81.8	69.9
-45°	175.3	166.9	157.4	147.5	137.1	125.3	113.1	101.0	88.5	76.7	65.6
-47.5°	157.7	151.4	143.7	135.4	125.8	115.0	104.5	93.6	81.9	71.7	61.6
-50°	142.8	137.4	131.2	123.7	114.8	105.7	96.0	86.3	76.3	66.7	57.5
-52.5°	129.9	124.8	119.3	112.3	104.7	96.3	88.2	79.1	70.6	61.9	53.2
-55°	117.9	112.8	107.7	101.8	95.0	87.9	80.5	72.8	64.8	57.1	49.0
-57.5°	106.5	101.6	97.2	91.8	86.1	80.0	73.3	66.3	59.3	52.2	45.3
-60°	95.5	91.5	87.1	82.8	77.8	72.2	66.2	60.0	53.8	47.4	41.5
-62.5°	85.4	81.8	78.2	74.2	69.6	64.6	59.2	53.9	48.2	43.0	37.6
-65°	75.9	72.9	69.5	65.8	61.6	57.2	52.6	47.8	43.2	38.6	33.7
-67.5°	66.8	64.1	60.8	57.3	54.0	50.3	46.1	42.2	38.3	34.1	29.9
-70°	58.0	55.3	52.6	49.9	47.0	43.6	40.2	36.8	33.3	29.9	26.1
-72.5°	49.5	47.4	45.2	42.8	40.2	37.4	34.4	31.5	28.7	25.6	22.2
-75°	41.2	39.6	37.9	35.9	33.7	31.3	28.9	26.5	24.1	21.4	18.8
-77.5°	33.2	32.0	30.6	29.2	27.5	25.6	23.7	21.6	19.6	17.6	15.5
-80°	25.7	24.9	24.0	22.9	21.5	20.0	18.6	17.1	15.6	14.0	12.2
-82.5°	18.8	18.2	17.6	16.8	15.8	14.9	13.8	12.8	11.5	10.3	9.0
-85°	12.4	12.0	11.5	10.9	10.3	9.7	9.1	8.4	7.6	6.8	6.0
-87.5°	6.1	5.9	5.7	5.4	5.1	4.8	4.5	4.2	3.8	3.4	3.0
-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°	2.4	2.1	1.7	1.3	0.8	0.4	0.0
85°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
82.5°	7.3	6.1	5.0	3.8	2.5	1.2	0.0
80°	9.9	8.2	6.6	5.0	3.4	1.7	0.0
77.5°	14.1	10.7	8.2	6.2	4.2	2.1	0.0
75°	18.2	14.0	10.0	7.5	5.0	2.5	0.0
72.5°	22.2	17.2	12.6	8.7	5.8	2.9	0.0
70°	26.3	20.4	15.0	10.0	6.6	3.3	0.0
67.5°	31.3	23.6	17.5	11.8	7.4	3.6	0.0
65°	36.2	27.0	19.9	13.5	8.2	4.0	0.0
62.5°	40.9	30.8	22.2	15.2	8.9	4.4	0.0
60°	45.4	34.5	24.4	16.8	9.7	4.8	0.0
57.5°	50.6	38.0	27.1	18.4	10.7	5.1	0.0
55°	55.5	41.3	29.7	20.0	11.7	5.5	0.0
52.5°	60.3	44.6	32.2	21.5	12.7	5.8	0.0
50°	64.7	48.3	34.6	22.9	13.6	6.1	0.0
47.5°	68.9	51.7	36.8	24.3	14.5	6.4	0.0
45°	73.4	54.8	38.9	25.9	15.4	6.7	0.0
42.5°	77.4	57.8	40.9	27.4	16.2	7.0	0.0
40°	81.2	60.5	42.9	28.8	17.0	7.3	0.0
37.5°	84.5	62.9	44.9	30.1	17.8	7.5	0.0
35°	87.5	65.4	46.8	31.4	18.5	7.8	0.0
32.5°	90.4	67.7	48.5	32.5	19.1	8.0	0.0
30°	93.5	69.7	49.9	33.6	19.7	8.2	0.0
27.5°	96.1	71.5	51.3	34.6	20.3	8.4	0.0
25°	98.4	72.9	52.6	35.5	20.8	8.6	0.0
22.5°	100.2	74.2	53.7	36.3	21.3	8.7	0.0
20°	101.6	75.5	54.5	37.0	21.7	8.9	0.0
17.5°	102.9	76.5	55.3	37.6	22.0	9.0	0.0
15°	103.9	77.3	55.8	38.1	22.3	9.1	0.0
12.5°	104.6	77.9	56.2	38.5	22.6	9.2	0.0
10°	104.8	78.3	56.5	38.8	22.8	9.3	0.0
7.5°	104.7	78.4	56.5	39.0	23.0	9.3	0.0
5°	104.3	78.4	56.5	39.1	23.1	9.4	0.0
2.5°	103.5	78.1	56.2	39.2	23.1	9.4	0.0
0°	102.4	77.6	55.9	39.1	23.1	9.4	0.0
-2.5°	101.2	76.9	55.6	38.9	23.0	9.4	0.0
-5°	99.8	75.9	55.2	38.7	22.9	9.4	0.0
-7.5°	98.1	74.8	54.7	38.3	22.8	9.4	0.0
-10°	96.1	73.5	54.0	37.9	22.6	9.3	0.0
-12.5°	93.9	72.1	53.3	37.3	22.3	9.3	0.0
-15°	91.4	70.5	52.4	36.7	22.0	9.2	0.0
-17.5°	88.8	68.7	51.3	36.0	21.7	9.1	0.0
-20°	86.0	66.9	50.2	35.3	21.3	9.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.3	64.9	49.0	34.4	20.8	8.9	0.0
-25°	80.4	63.0	47.6	33.5	20.4	8.7	0.0
-27.5°	77.3	60.9	46.2	32.6	19.9	8.5	0.0
-30°	74.1	58.8	44.6	31.5	19.3	8.4	0.0
-32.5°	70.8	56.5	43.0	30.4	18.7	8.2	0.0
-35°	67.7	54.1	41.3	29.3	18.1	7.9	0.0
-37.5°	64.6	51.6	39.6	28.0	17.4	7.7	0.0
-40°	61.5	49.3	37.7	26.8	16.7	7.4	0.0
-42.5°	58.2	46.9	35.9	25.5	16.0	7.2	0.0
-45°	54.8	44.4	34.1	24.1	15.3	6.9	0.0
-47.5°	51.3	41.8	32.2	22.7	14.5	6.6	0.0
-50°	48.1	39.2	30.3	21.4	13.7	6.3	0.0
-52.5°	45.0	36.5	28.3	20.2	12.9	6.0	0.0
-55°	41.7	34.0	26.2	18.9	12.0	5.6	0.0
-57.5°	38.4	31.3	24.1	17.6	11.1	5.3	0.0
-60°	35.1	28.7	21.9	16.3	10.3	4.9	0.0
-62.5°	31.9	25.9	20.1	14.9	9.5	4.5	0.0
-65°	28.6	23.2	18.3	13.5	8.7	4.2	0.0
-67.5°	25.3	20.6	16.4	12.0	7.9	3.8	0.0
-70°	21.9	18.2	14.5	10.6	7.1	3.4	0.0
-72.5°	19.0	15.8	12.5	9.3	6.2	3.0	0.0
-75°	16.2	13.4	10.6	8.0	5.4	2.6	0.0
-77.5°	13.3	11.0	8.8	6.7	4.5	2.1	0.0
-80°	10.4	8.7	7.1	5.4	3.6	1.7	0.0
-82.5°	7.7	6.5	5.3	4.0	2.7	1.3	0.0
-85°	5.2	4.4	3.5	2.7	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)