

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: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558522 (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-940-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

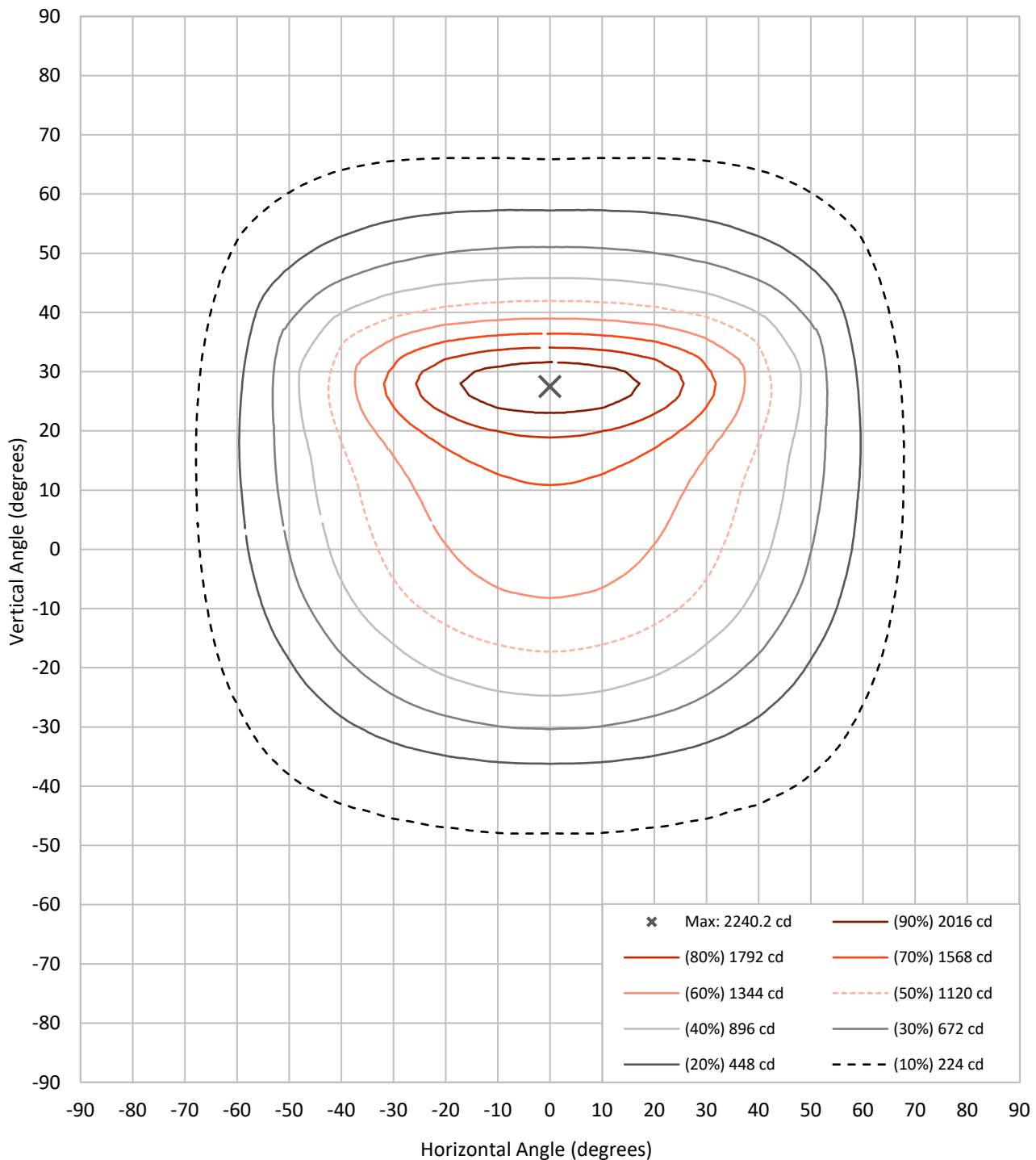
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	3265.9 lumens	Max Intensity:	2240.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	99.0 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:	1693.8 lumens	Field Lumens:	3021.2 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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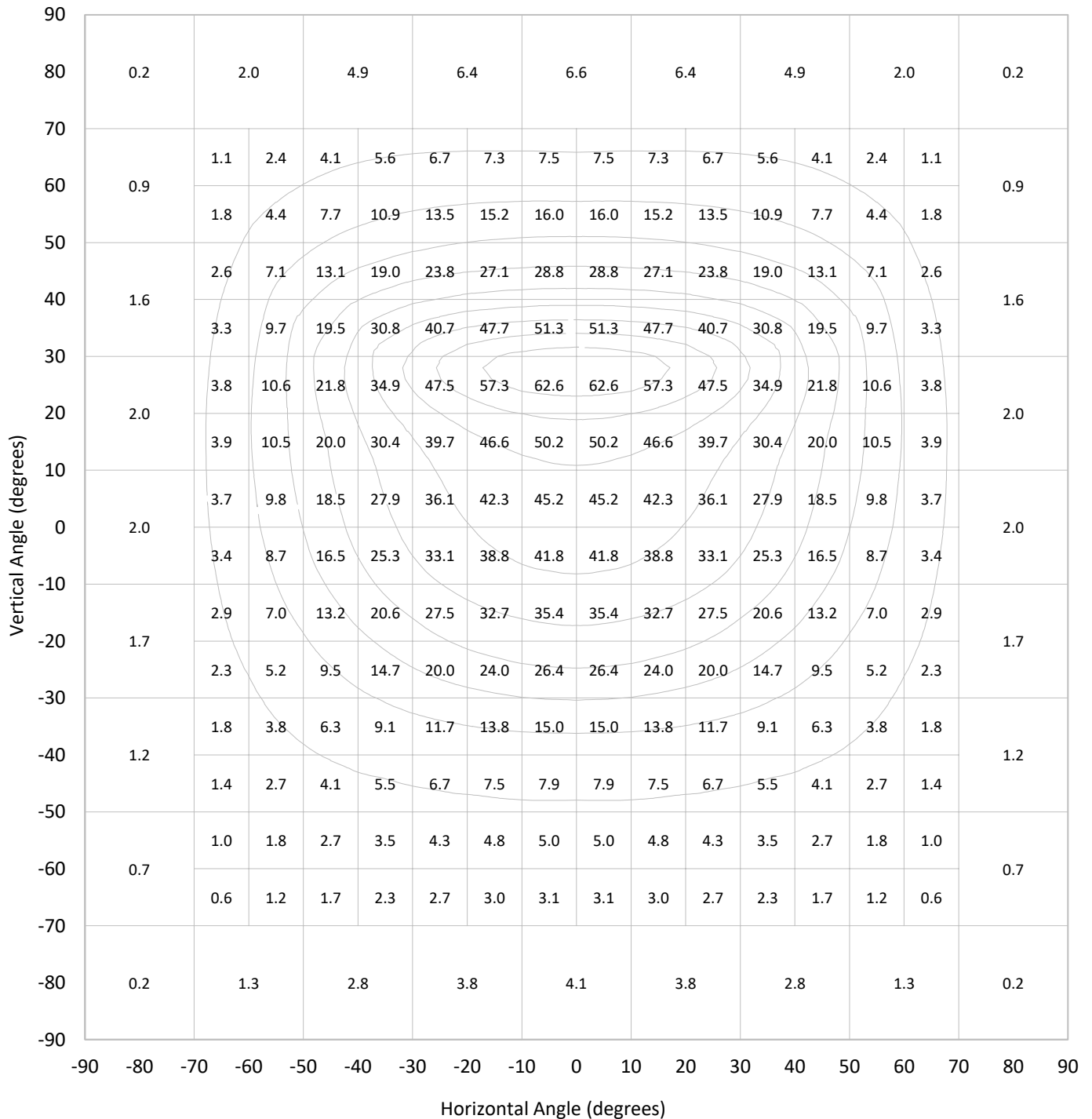
### Iso-Candela Plot





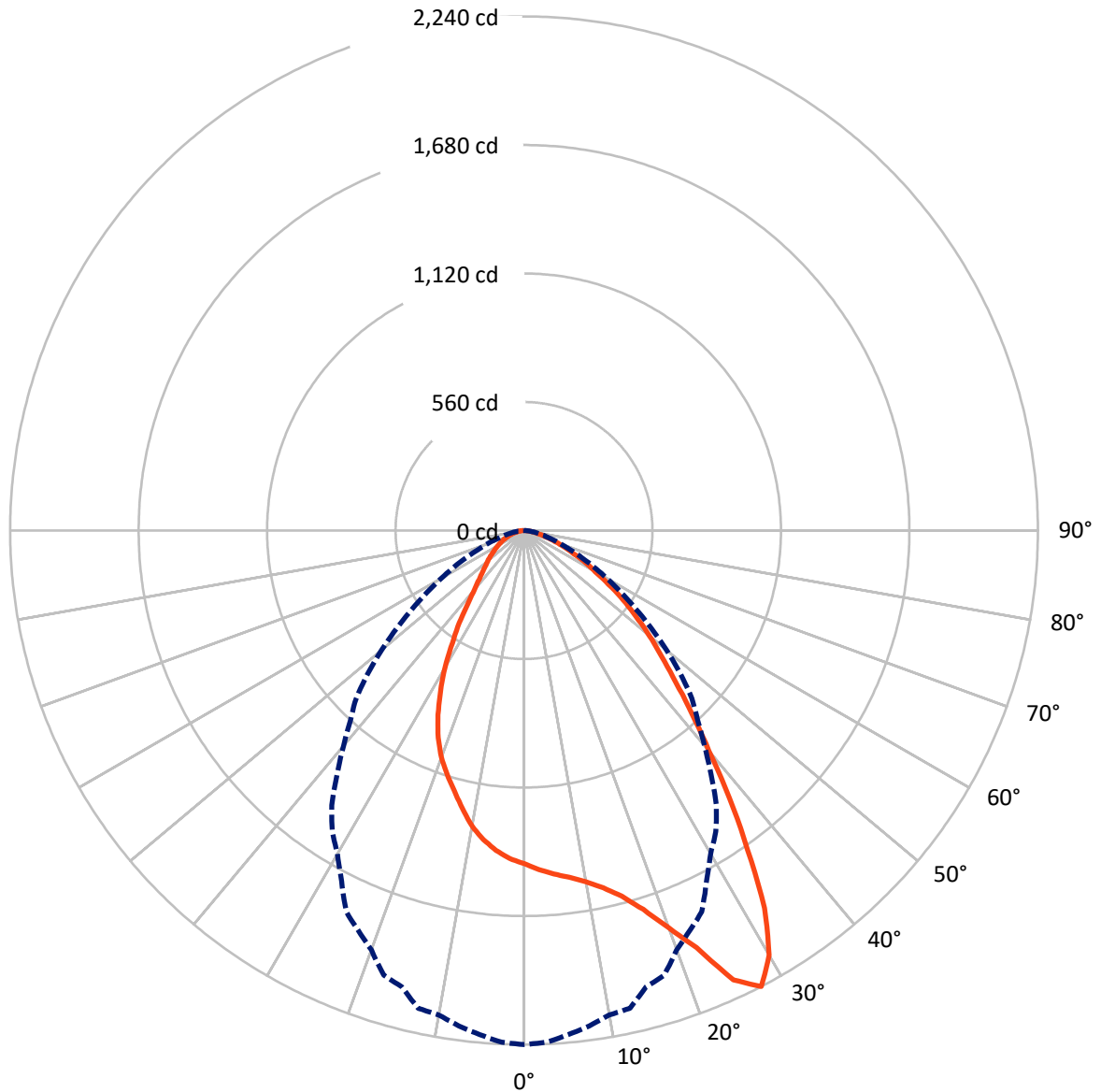
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### Lumen Table



REPORT NUMBER: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
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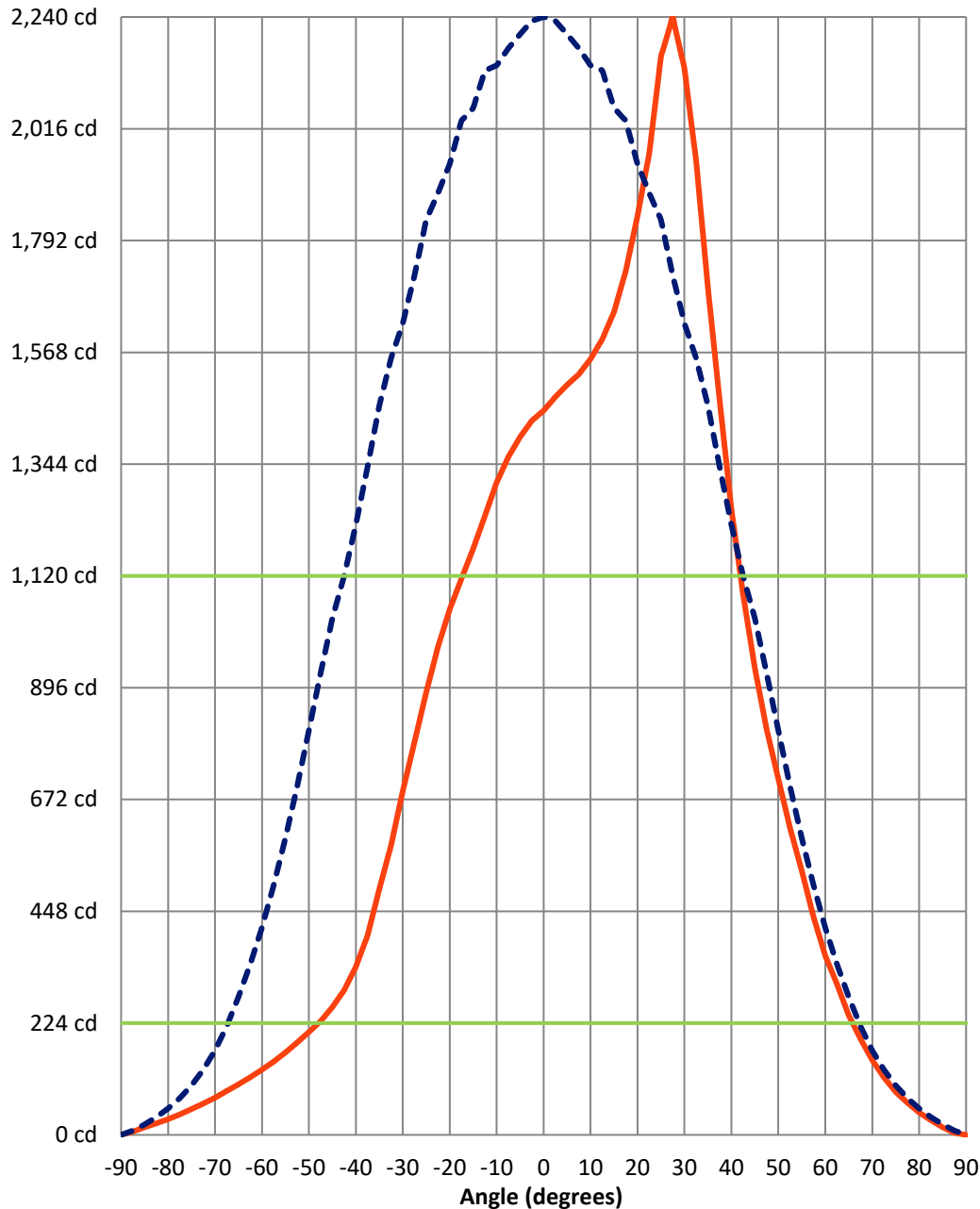
### Luminous Intensity Polar Plot



— 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: 1693.8  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 3021.2  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 244.7  
 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	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.2	3.6	3.9
85°	0.0	0.9	1.7	2.6	3.4	4.2	5.0	5.7	6.5	7.2	7.9
82.5°	0.0	1.3	2.6	3.9	5.1	6.3	7.4	8.6	9.9	12.1	14.3
80°	0.0	1.7	3.5	5.1	6.8	8.4	10.1	13.0	15.9	19.0	22.2
77.5°	0.0	2.1	4.3	6.4	8.5	10.9	14.4	18.1	21.9	25.9	30.6
75°	0.0	2.5	5.2	7.7	10.3	14.3	18.6	23.1	28.0	34.1	40.4
72.5°	0.0	2.9	6.0	8.9	12.9	17.7	22.8	28.5	35.5	42.7	50.1
70°	0.0	3.3	6.8	10.3	15.5	21.0	27.0	34.9	42.9	51.2	60.9
67.5°	0.0	3.7	7.6	12.1	18.0	24.2	32.2	41.1	50.2	60.9	71.8
65°	0.0	4.1	8.4	13.9	20.4	27.8	37.2	47.2	58.6	70.4	83.0
62.5°	0.0	4.5	9.2	15.6	22.8	31.7	42.1	54.0	66.8	80.1	95.4
60°	0.0	4.9	9.9	17.3	25.1	35.5	46.8	60.9	74.7	90.7	107.5
57.5°	0.0	5.2	11.0	19.0	27.9	39.1	52.1	67.5	83.4	100.9	121.2
55°	0.0	5.6	12.0	20.6	30.6	42.6	57.2	73.7	92.0	111.2	135.2
52.5°	0.0	5.9	13.0	22.1	33.2	46.0	62.1	80.3	100.2	122.8	148.5
50°	0.0	6.3	14.0	23.6	35.6	49.7	66.6	86.6	108.5	133.7	164.3
47.5°	0.0	6.6	14.9	25.0	37.9	53.2	71.0	92.4	117.3	143.8	179.4
45°	0.0	6.9	15.8	26.7	40.1	56.5	75.6	97.8	125.0	156.1	193.3
42.5°	0.0	7.2	16.7	28.2	42.1	59.5	79.8	103.4	132.1	167.4	208.9
40°	0.0	7.5	17.5	29.6	44.2	62.3	83.6	109.1	139.2	177.5	223.6
37.5°	0.0	7.7	18.3	31.0	46.3	64.8	87.1	114.2	146.9	186.8	236.7
35°	0.0	8.0	19.0	32.3	48.2	67.3	90.2	118.8	153.7	196.7	249.1
32.5°	0.0	8.2	19.7	33.5	49.9	69.7	93.1	122.9	159.5	205.1	260.1
30°	0.0	8.4	20.3	34.6	51.4	71.8	96.3	126.7	164.5	212.1	269.2
27.5°	0.0	8.6	20.9	35.6	52.9	73.6	99.0	130.6	169.1	217.8	276.5
25°	0.0	8.8	21.4	36.5	54.1	75.1	101.4	133.8	173.5	222.9	281.9
22.5°	0.0	8.9	21.9	37.4	55.2	76.4	103.2	136.3	176.9	227.1	286.6
20°	0.0	9.1	22.3	38.1	56.2	77.7	104.7	138.1	179.2	229.8	289.6
17.5°	0.0	9.2	22.7	38.7	56.9	78.8	106.0	139.2	180.4	231.0	291.0
15°	0.0	9.3	23.0	39.2	57.5	79.6	107.1	140.0	180.7	230.9	290.8
12.5°	0.0	9.4	23.3	39.7	57.9	80.2	107.7	140.6	180.7	229.5	289.1
10°	0.0	9.5	23.5	40.0	58.1	80.6	108.0	140.6	180.4	228.8	286.4
7.5°	0.0	9.5	23.6	40.2	58.2	80.8	107.9	140.1	179.3	227.4	283.5
5°	0.0	9.6	23.8	40.3	58.1	80.7	107.4	139.2	177.6	225.0	279.1
2.5°	0.0	9.6	23.8	40.4	57.9	80.4	106.5	137.7	175.1	221.6	273.5
0°	0.0	9.6	23.8	40.3	57.5	79.9	105.4	135.8	172.0	217.4	266.7
-2.5°	0.0	9.6	23.7	40.1	57.2	79.2	104.2	133.8	169.0	212.7	259.9
-5°	0.0	9.6	23.6	39.8	56.8	78.2	102.7	131.4	165.4	207.3	252.2
-7.5°	0.0	9.6	23.5	39.5	56.3	77.1	100.9	128.7	161.3	201.2	243.7
-10°	0.0	9.5	23.3	39.0	55.6	75.7	98.9	125.6	156.8	194.6	234.5
-12.5°	0.0	9.5	23.0	38.5	54.8	74.2	96.6	122.2	151.8	187.4	225.5
-15°	0.0	9.4	22.7	37.9	53.9	72.6	94.2	118.5	146.8	180.4	216.3
-17.5°	0.0	9.3	22.3	37.2	52.9	70.8	91.4	114.8	141.7	173.0	206.7
-20°	0.0	9.2	21.9	36.4	51.7	68.9	88.6	111.1	136.4	165.2	196.7



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 CATALOG NUMBER: GFLD-SA1B-940-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	9.1	21.5	35.5	50.5	66.9	85.8	107.1	130.9	157.2	186.3
-25°	0.0	8.9	21.0	34.6	49.1	64.9	82.8	102.9	125.1	149.0	175.7
-27.5°	0.0	8.7	20.4	33.6	47.6	62.8	79.6	98.5	119.2	141.0	165.7
-30°	0.0	8.6	19.9	32.5	46.0	60.5	76.4	93.8	113.5	133.8	155.6
-32.5°	0.0	8.3	19.3	31.4	44.4	58.2	72.9	89.5	107.8	126.5	145.6
-35°	0.0	8.1	18.6	30.2	42.6	55.7	69.7	85.2	101.9	119.2	135.7
-37.5°	0.0	7.9	17.9	28.9	40.8	53.2	66.6	80.9	95.9	111.9	127.6
-40°	0.0	7.6	17.2	27.6	38.9	50.8	63.3	76.4	89.7	104.8	119.8
-42.5°	0.0	7.4	16.5	26.3	37.1	48.3	59.9	71.9	84.2	98.0	112.0
-45°	0.0	7.1	15.7	24.9	35.2	45.8	56.4	67.6	79.0	91.2	104.0
-47.5°	0.0	6.8	14.9	23.4	33.2	43.1	52.9	63.4	73.8	84.3	96.4
-50°	0.0	6.4	14.1	22.1	31.2	40.5	49.6	59.2	68.6	78.6	88.9
-52.5°	0.0	6.1	13.2	20.8	29.2	37.7	46.3	54.8	63.7	72.7	81.5
-55°	0.0	5.8	12.4	19.5	27.0	35.0	43.0	50.5	58.7	66.7	74.9
-57.5°	0.0	5.4	11.5	18.1	24.8	32.3	39.6	46.7	53.7	61.0	68.3
-60°	0.0	5.0	10.5	16.8	22.6	29.6	36.2	42.8	48.8	55.4	61.7
-62.5°	0.0	4.7	9.8	15.3	20.8	26.8	32.9	38.8	44.3	49.7	55.5
-65°	0.0	4.3	8.9	13.9	18.8	23.9	29.5	34.8	39.8	44.5	49.2
-67.5°	0.0	3.9	8.1	12.4	16.9	21.2	26.1	30.9	35.2	39.5	43.4
-70°	0.0	3.5	7.3	10.9	14.9	18.8	22.6	26.9	30.8	34.4	37.9
-72.5°	0.0	3.0	6.4	9.5	12.9	16.3	19.6	22.9	26.4	29.6	32.4
-75°	0.0	2.6	5.5	8.2	10.9	13.8	16.7	19.4	22.0	24.8	27.4
-77.5°	0.0	2.2	4.6	6.9	9.1	11.3	13.7	16.0	18.2	20.2	22.3
-80°	0.0	1.8	3.7	5.5	7.3	9.0	10.7	12.6	14.4	16.1	17.6
-82.5°	0.0	1.3	2.8	4.1	5.5	6.7	8.0	9.3	10.6	11.9	13.1
-85°	0.0	0.9	1.9	2.8	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-87.5°	0.0	0.4	0.9	1.4	1.8	2.3	2.7	3.1	3.5	3.9	4.4
-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: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	4.1	4.3	4.4	4.5	4.7	4.9	5.0	5.1	5.2	5.2	5.3
85°	8.3	8.6	9.6	10.6	11.6	12.5	13.4	14.1	14.7	15.1	15.5
82.5°	16.2	17.9	19.5	21.1	22.5	23.7	25.0	26.3	27.5	28.4	29.1
80°	24.8	27.2	30.0	32.7	35.1	37.4	39.4	41.2	42.6	44.0	45.4
77.5°	34.9	38.7	42.2	45.5	48.7	52.4	55.8	58.9	61.3	63.2	64.6
75°	45.7	50.2	55.4	60.5	65.3	69.8	74.1	79.3	83.6	86.8	89.4
72.5°	57.2	63.7	70.1	76.2	83.3	90.2	96.9	103.3	109.0	113.2	116.6
70°	69.7	77.3	86.0	94.9	103.4	112.1	121.3	129.6	136.6	141.5	146.2
67.5°	82.4	93.1	103.4	114.1	126.2	137.1	147.2	157.8	167.2	173.3	178.7
65°	97.1	109.0	122.9	137.0	150.2	163.9	176.7	188.2	200.0	208.6	215.6
62.5°	111.4	128.1	144.4	160.9	177.5	192.5	209.1	223.9	235.8	248.1	258.6
60°	128.2	148.0	168.0	187.9	206.6	227.6	245.8	263.0	278.9	292.6	305.5
57.5°	145.0	170.6	194.3	217.7	242.3	264.8	286.2	305.5	324.4	340.3	355.8
55°	162.7	195.6	223.0	251.9	279.0	304.3	328.4	352.6	372.8	394.6	413.6
52.5°	182.3	220.0	255.3	287.1	317.7	346.9	375.7	404.8	433.1	455.8	477.2
50°	200.6	245.5	288.0	324.3	359.5	394.2	430.2	466.5	497.8	523.6	546.0
47.5°	220.8	269.3	323.3	363.4	405.6	448.6	492.3	532.4	566.4	601.7	626.3
45°	240.5	293.4	351.9	407.6	456.4	508.5	556.6	600.8	650.2	688.7	721.6
42.5°	258.5	316.1	381.3	452.2	513.2	569.1	621.1	683.4	740.2	785.1	826.2
40°	276.9	336.9	408.0	493.7	569.9	629.6	692.9	761.7	835.6	890.9	940.0
37.5°	293.8	358.1	432.5	525.3	625.7	691.3	761.3	836.0	920.2	1003.4	1062.5
35°	308.8	376.0	456.8	551.0	653.8	751.1	825.2	904.7	996.8	1104.8	1185.5
32.5°	322.3	390.7	476.0	571.1	675.4	789.5	883.4	965.1	1057.5	1168.9	1305.9
30°	333.4	404.9	490.4	585.6	690.2	803.8	923.1	1012.1	1099.8	1209.1	1336.6
27.5°	341.8	415.3	500.3	594.7	698.1	810.5	925.2	1034.9	1119.9	1222.7	1338.7
25°	348.2	423.8	505.5	598.0	699.3	807.6	918.0	1021.8	1117.1	1207.8	1311.9
22.5°	353.5	429.7	511.3	595.8	694.0	797.1	901.0	1000.0	1092.3	1177.2	1266.7
20°	357.5	433.5	514.2	598.0	685.2	780.2	879.5	973.8	1062.9	1145.1	1218.0
17.5°	359.3	434.6	514.1	597.6	683.7	766.8	853.3	943.9	1031.5	1113.2	1185.2
15°	359.0	433.1	511.3	594.4	679.2	761.6	841.2	916.0	997.6	1080.1	1151.9
12.5°	356.6	429.2	505.7	588.4	671.9	753.3	831.6	906.6	979.7	1048.9	1117.5
10°	352.3	422.9	497.6	579.7	661.8	742.0	819.3	894.5	967.0	1034.8	1098.7
7.5°	347.8	415.9	487.7	568.3	649.0	727.8	804.3	879.7	950.7	1018.5	1082.9
5°	342.0	408.5	480.2	557.4	635.2	712.1	787.0	862.0	931.1	999.4	1064.2
2.5°	334.5	399.3	470.7	544.3	619.7	695.8	768.2	841.8	912.7	978.4	1042.2
0°	325.6	388.4	459.3	528.6	601.7	676.8	746.4	818.4	892.2	954.2	1016.6
-2.5°	315.9	375.3	442.7	511.6	582.2	655.9	727.3	795.5	867.7	930.4	994.1
-5°	305.0	360.8	424.3	492.4	560.5	632.3	705.0	769.9	838.9	900.9	963.5
-7.5°	293.1	345.2	404.4	470.9	535.7	603.5	672.3	734.8	801.8	863.1	924.1
-10°	280.6	329.8	385.1	446.6	507.7	570.9	635.5	696.7	761.1	822.2	880.9
-12.5°	268.6	314.6	365.2	421.1	478.1	536.5	596.6	655.7	716.7	778.1	833.0
-15°	256.0	298.7	344.6	394.7	447.2	500.6	555.8	611.8	669.1	729.1	779.8
-17.5°	243.0	282.1	323.6	367.7	415.3	463.6	514.4	568.3	620.8	675.4	724.5
-20°	229.7	265.0	302.4	340.4	382.7	429.0	476.5	524.9	572.6	620.2	666.3



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 CATALOG NUMBER: GFLD-SA1B-940-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°	216.1	247.6	281.6	315.1	355.3	397.1	438.8	480.8	523.6	564.6	608.1
-25°	203.1	231.5	261.5	294.0	328.5	365.4	401.2	436.7	474.6	513.1	550.6
-27.5°	190.5	215.5	243.9	272.9	301.6	334.5	365.8	395.9	429.0	462.9	493.2
-30°	177.9	201.7	226.5	252.3	277.5	304.9	332.0	358.4	385.4	414.4	440.6
-32.5°	166.2	187.9	210.5	233.1	254.5	275.7	300.8	324.2	346.3	367.0	389.9
-35°	155.5	175.4	195.0	214.5	232.2	250.8	271.8	291.5	309.2	325.8	343.3
-37.5°	145.4	163.1	179.7	197.1	212.7	228.8	244.2	261.3	275.6	288.9	303.2
-40°	135.3	151.1	166.0	180.6	194.9	208.3	221.4	233.1	244.6	257.4	267.3
-42.5°	125.3	140.1	153.4	164.5	178.1	189.6	199.8	209.4	218.9	228.8	236.8
-45°	116.5	129.1	141.2	151.9	162.1	171.9	180.5	188.1	197.1	204.0	210.0
-47.5°	107.6	118.5	129.6	139.5	148.0	156.0	162.4	170.0	177.3	183.3	186.8
-50°	98.9	108.9	118.3	127.5	135.1	141.5	147.1	153.4	159.5	164.5	167.9
-52.5°	90.9	99.1	107.9	115.7	122.8	128.5	133.8	139.3	143.8	147.2	151.6
-55°	82.9	90.5	97.8	104.9	111.0	116.2	121.4	126.2	130.0	133.0	136.6
-57.5°	75.5	82.3	88.7	94.6	100.1	104.6	109.6	113.7	117.3	120.1	123.8
-60°	68.2	74.3	80.1	85.2	89.7	94.2	98.3	102.1	105.2	108.0	111.4
-62.5°	60.9	66.5	71.7	76.4	80.5	84.2	87.9	91.2	93.8	96.6	99.4
-65°	54.2	58.9	63.4	67.7	71.6	75.1	78.2	80.8	83.3	85.8	88.0
-67.5°	47.4	51.8	55.6	59.1	62.6	66.0	68.9	71.3	73.3	75.4	77.3
-70°	41.4	44.9	48.4	51.5	54.2	57.0	59.8	62.1	63.9	65.5	67.0
-72.5°	35.5	38.5	41.4	44.1	46.5	48.8	51.0	53.1	54.8	56.0	57.1
-75°	29.8	32.2	34.7	37.0	39.0	40.8	42.4	44.1	45.5	46.6	47.5
-77.5°	24.4	26.4	28.3	30.1	31.5	32.9	34.2	35.4	36.5	37.3	37.9
-80°	19.1	20.6	22.1	23.6	24.7	25.7	26.5	27.2	28.0	28.8	29.5
-82.5°	14.2	15.3	16.3	17.3	18.1	18.7	19.3	19.9	20.4	20.9	21.4
-85°	9.3	9.9	10.6	11.2	11.8	12.3	12.8	13.2	13.5	13.7	13.9
-87.5°	4.7	5.0	5.3	5.5	5.8	6.1	6.3	6.6	6.7	6.9	7.0
-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: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	5.3	5.4	5.4	5.4	5.3	5.1	4.9	4.6	4.3	4.5	4.6
85°	15.8	15.8	15.8	15.7	15.4	15.4	15.4	15.3	15.1	15.4	15.6
82.5°	29.7	30.0	30.0	29.8	29.5	29.7	29.7	29.7	29.5	29.7	29.8
80°	46.5	46.9	46.9	46.6	46.0	46.0	46.1	46.0	45.7	45.8	45.7
77.5°	66.2	67.2	67.6	67.4	66.8	66.6	66.2	65.3	64.0	63.9	64.0
75°	91.4	92.4	93.0	92.9	92.3	91.9	91.3	90.3	88.8	88.7	88.7
72.5°	119.2	120.7	121.4	122.0	122.0	121.7	121.0	119.4	117.1	116.9	117.2
70°	149.8	152.4	154.0	155.2	156.2	156.4	156.0	154.7	152.7	152.2	152.0
67.5°	184.0	188.1	191.2	193.3	195.2	196.6	197.2	196.6	195.0	194.5	194.7
65°	222.3	228.6	233.9	237.8	240.4	242.3	243.9	244.9	245.1	245.7	246.5
62.5°	267.0	274.8	282.1	287.1	289.6	291.4	296.7	299.7	300.6	300.8	302.0
60°	316.9	326.8	335.9	343.2	349.1	353.6	358.1	361.1	362.2	362.4	364.0
57.5°	371.5	383.9	394.6	406.0	413.9	418.5	424.5	430.6	433.8	434.7	438.5
55°	431.9	448.9	462.8	474.9	486.0	495.7	503.9	510.2	514.9	517.7	522.7
52.5°	498.8	518.7	533.2	547.4	563.3	574.4	581.7	593.5	602.0	606.6	612.6
50°	572.1	594.3	614.0	628.9	647.4	662.7	673.8	684.9	692.7	697.1	702.9
47.5°	655.6	682.9	705.8	719.7	741.1	759.1	766.3	774.7	789.3	796.3	802.5
45°	749.6	784.5	809.9	831.6	850.0	870.2	883.4	892.9	907.3	914.6	919.1
42.5°	861.5	900.3	933.8	959.8	975.2	1001.4	1020.5	1025.8	1046.3	1060.2	1064.2
40°	987.0	1030.0	1074.2	1103.8	1128.7	1155.2	1186.7	1204.2	1221.5	1235.1	1238.2
37.5°	1117.7	1175.2	1225.7	1264.0	1305.1	1344.3	1377.7	1395.9	1407.2	1433.2	1442.9
35°	1250.6	1310.0	1380.7	1440.2	1490.1	1538.4	1576.5	1606.4	1634.9	1658.4	1672.4
32.5°	1363.8	1427.7	1515.0	1604.1	1657.9	1710.3	1772.8	1807.1	1845.1	1876.0	1898.5
30°	1456.8	1517.5	1597.0	1708.8	1782.5	1835.6	1914.8	1962.2	2003.6	2055.9	2074.1
27.5°	1461.2	1556.1	1626.4	1722.6	1833.3	1887.3	1945.8	2032.0	2058.1	2132.6	2143.3
25°	1422.8	1522.5	1594.7	1675.1	1767.1	1832.7	1886.1	1957.8	1995.3	2043.2	2080.0
22.5°	1362.8	1450.7	1524.3	1592.5	1664.3	1724.0	1772.9	1823.2	1864.4	1901.6	1936.2
20°	1296.6	1380.0	1449.8	1508.5	1565.4	1620.7	1664.6	1706.9	1742.5	1774.5	1794.2
17.5°	1249.9	1309.9	1381.3	1441.4	1490.7	1534.1	1579.6	1615.0	1646.2	1674.9	1692.9
15°	1218.1	1275.1	1325.9	1381.0	1433.1	1474.5	1508.7	1545.2	1572.2	1596.9	1616.4
12.5°	1185.0	1243.8	1297.0	1342.9	1383.6	1428.8	1465.4	1494.1	1522.4	1541.8	1561.9
10°	1157.4	1212.4	1267.6	1316.0	1358.8	1396.1	1430.8	1463.0	1488.4	1510.2	1526.0
7.5°	1141.4	1195.3	1244.9	1291.3	1333.1	1372.8	1408.6	1438.1	1463.3	1485.8	1502.3
5°	1122.8	1176.2	1225.6	1273.1	1313.3	1351.4	1387.0	1417.4	1443.5	1463.6	1479.4
2.5°	1101.5	1154.1	1203.5	1251.8	1291.9	1328.7	1362.4	1392.0	1419.2	1438.3	1451.8
0°	1077.2	1129.9	1178.2	1223.7	1264.0	1303.6	1334.6	1364.6	1391.1	1410.1	1423.5
-2.5°	1052.7	1105.1	1155.1	1198.6	1238.7	1275.3	1308.3	1336.6	1361.9	1380.8	1392.6
-5°	1020.2	1072.2	1121.5	1165.4	1207.3	1244.0	1276.1	1304.9	1329.3	1349.9	1365.9
-7.5°	980.7	1033.4	1082.6	1127.5	1169.1	1203.8	1234.6	1263.6	1289.7	1312.2	1331.9
-10°	937.4	989.5	1036.0	1078.0	1116.8	1152.1	1184.9	1213.5	1237.4	1259.4	1276.0
-12.5°	886.9	935.2	980.6	1022.1	1060.0	1095.3	1126.5	1153.8	1177.8	1197.3	1212.3
-15°	831.3	877.0	920.1	962.4	1002.1	1036.9	1064.3	1093.1	1114.0	1132.9	1146.3
-17.5°	771.7	815.9	861.2	903.7	940.3	974.7	1004.8	1031.1	1053.0	1070.3	1085.6
-20°	711.3	756.3	800.0	840.4	875.6	907.5	938.0	963.3	985.7	1004.6	1022.4



REPORT NUMBER: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	650.6	692.0	732.9	772.4	805.8	835.9	862.6	886.8	906.6	928.8	944.5
-25°	588.3	624.6	661.5	696.4	727.9	757.5	781.8	802.9	823.6	845.1	860.4
-27.5°	525.7	557.8	587.8	618.7	646.3	671.9	694.4	713.0	733.0	747.3	764.2
-30°	463.8	492.8	517.9	539.5	565.4	587.4	604.9	623.3	639.8	653.6	667.7
-32.5°	411.4	431.2	451.3	469.3	486.5	504.6	518.7	534.8	546.1	557.9	569.4
-35°	361.0	376.3	389.6	406.4	419.4	429.2	440.9	452.7	457.3	470.1	477.0
-37.5°	315.4	325.4	337.8	349.5	359.2	366.5	377.0	383.1	386.4	394.7	399.2
-40°	276.3	282.6	294.3	302.3	308.0	313.4	322.1	326.1	330.5	334.6	334.8
-42.5°	242.0	250.1	258.0	264.3	267.9	274.0	278.1	278.5	284.3	288.0	288.6
-45°	213.9	222.2	228.4	233.0	236.6	241.9	244.5	246.0	250.7	253.2	254.3
-47.5°	192.3	198.1	203.5	207.0	211.8	215.7	217.6	220.0	223.6	225.9	227.6
-50°	173.3	177.9	182.0	185.3	190.0	193.5	195.3	198.4	201.0	202.7	204.0
-52.5°	156.6	160.7	163.6	166.7	170.7	173.7	176.1	179.1	181.3	182.8	183.9
-55°	141.0	144.8	147.6	151.1	153.9	155.9	158.0	160.9	163.1	164.6	165.5
-57.5°	127.2	130.1	132.8	135.9	138.6	140.8	142.6	144.3	145.7	146.9	147.9
-60°	114.3	116.6	119.1	121.6	123.6	125.2	127.1	128.6	129.5	130.1	130.9
-62.5°	101.9	104.0	106.2	108.2	109.8	111.1	112.7	113.9	114.8	115.4	115.8
-65°	90.0	91.9	93.8	95.4	96.8	98.0	99.1	99.9	100.5	101.0	101.5
-67.5°	79.0	80.4	81.7	82.9	83.9	85.0	85.9	86.6	86.9	87.3	87.7
-70°	68.4	69.5	70.4	71.1	71.7	72.5	73.4	74.0	74.4	74.8	75.2
-72.5°	58.1	58.9	59.6	60.2	60.6	61.1	61.7	62.2	62.6	62.9	63.1
-75°	48.1	48.8	49.4	49.9	50.2	50.5	50.9	51.0	51.1	51.2	51.3
-77.5°	38.4	39.1	39.7	40.1	40.4	40.7	40.9	41.0	41.1	41.1	41.0
-80°	30.0	30.5	30.9	31.2	31.4	31.6	31.7	31.7	31.6	31.7	31.7
-82.5°	21.8	22.2	22.5	22.8	23.0	23.2	23.4	23.5	23.6	23.6	23.6
-85°	14.1	14.3	14.5	14.6	14.8	14.9	14.9	14.9	14.9	14.9	14.9
-87.5°	7.0	7.0	6.8	6.7	6.5	6.6	6.6	6.7	6.7	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: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	4.7	4.8	4.4	4.1	4.4	4.8	4.7	4.6	4.5	4.3	4.6
85°	15.7	15.8	15.5	15.2	15.5	15.8	15.7	15.6	15.4	15.1	15.3
82.5°	29.9	29.8	29.6	29.3	29.6	29.8	29.9	29.8	29.7	29.5	29.7
80°	45.6	45.3	45.1	44.8	45.1	45.3	45.6	45.7	45.8	45.7	46.0
77.5°	63.8	63.5	64.0	64.4	64.0	63.5	63.8	64.0	63.9	64.0	65.3
75°	88.4	87.7	87.1	86.1	87.1	87.7	88.4	88.7	88.7	88.8	90.3
72.5°	117.1	116.5	116.0	115.1	116.0	116.5	117.1	117.2	116.9	117.1	119.4
70°	151.1	149.5	149.8	149.9	149.8	149.5	151.1	152.0	152.2	152.7	154.7
67.5°	194.1	192.6	192.8	192.6	192.8	192.6	194.1	194.7	194.5	195.0	196.6
65°	246.0	244.4	242.4	239.5	242.4	244.4	246.0	246.5	245.7	245.1	244.9
62.5°	301.8	300.4	301.2	301.9	301.2	300.4	301.8	302.0	300.8	300.6	299.7
60°	363.7	361.7	360.7	359.1	360.7	361.7	363.7	364.0	362.4	362.2	361.1
57.5°	440.3	439.9	439.0	436.6	439.0	439.9	440.3	438.5	434.7	433.8	430.6
55°	525.1	524.6	526.6	529.0	526.6	524.6	525.1	522.7	517.7	514.9	510.2
52.5°	617.0	618.5	618.0	614.8	618.0	618.5	617.0	612.6	606.6	602.0	593.5
50°	708.0	709.7	711.6	713.3	711.6	709.7	708.0	702.9	697.1	692.7	684.9
47.5°	811.1	815.7	816.5	813.2	816.5	815.7	811.1	802.5	796.3	789.3	774.7
45°	928.3	931.1	932.5	935.2	932.5	931.1	928.3	919.1	914.6	907.3	892.9
42.5°	1076.0	1079.2	1079.7	1082.7	1079.7	1079.2	1076.0	1064.2	1060.2	1046.3	1025.8
40°	1251.3	1256.5	1255.6	1254.3	1255.6	1256.5	1251.3	1238.2	1235.1	1221.5	1204.2
37.5°	1456.6	1465.4	1466.4	1471.8	1466.4	1465.4	1456.6	1442.9	1433.2	1407.2	1395.9
35°	1686.9	1697.3	1695.5	1698.2	1695.5	1697.3	1686.9	1672.4	1658.4	1634.9	1606.4
32.5°	1919.3	1934.8	1937.9	1951.1	1937.9	1934.8	1919.3	1898.5	1876.0	1845.1	1807.1
30°	2101.8	2123.7	2138.0	2136.8	2138.0	2123.7	2101.8	2074.1	2055.9	2003.6	1962.2
27.5°	2177.4	2205.7	2232.3	2240.2	2232.3	2205.7	2177.4	2143.3	2132.6	2058.1	2032.0
25°	2103.6	2124.3	2147.7	2160.3	2147.7	2124.3	2103.6	2080.0	2043.2	1995.3	1957.8
22.5°	1952.1	1965.5	1973.4	1967.0	1973.4	1965.5	1952.1	1936.2	1901.6	1864.4	1823.2
20°	1814.5	1831.5	1834.7	1841.5	1834.7	1831.5	1814.5	1794.2	1774.5	1742.5	1706.9
17.5°	1712.1	1723.3	1729.8	1731.3	1729.8	1723.3	1712.1	1692.9	1674.9	1646.2	1615.0
15°	1631.8	1640.8	1646.7	1649.2	1646.7	1640.8	1631.8	1616.4	1596.9	1572.2	1545.2
12.5°	1575.0	1585.9	1591.2	1594.5	1591.2	1585.9	1575.0	1561.9	1541.8	1522.4	1494.1
10°	1538.6	1549.0	1553.3	1554.8	1553.3	1549.0	1538.6	1526.0	1510.2	1488.4	1463.0
7.5°	1512.3	1519.1	1521.9	1524.2	1521.9	1519.1	1512.3	1502.3	1485.8	1463.3	1438.1
5°	1491.2	1496.6	1499.6	1502.8	1499.6	1496.6	1491.2	1479.4	1463.6	1443.5	1417.4
2.5°	1462.5	1470.1	1475.4	1478.7	1475.4	1470.1	1462.5	1451.8	1438.3	1419.2	1392.0
0°	1434.2	1441.4	1445.2	1451.4	1445.2	1441.4	1434.2	1423.5	1410.1	1391.1	1364.6
-2.5°	1403.2	1411.6	1421.5	1431.1	1421.5	1411.6	1403.2	1392.6	1380.8	1361.9	1336.6
-5°	1379.4	1390.5	1392.6	1398.7	1392.6	1390.5	1379.4	1365.9	1349.9	1329.3	1304.9
-7.5°	1343.6	1348.6	1357.2	1358.7	1357.2	1348.6	1343.6	1331.9	1312.2	1289.7	1263.6
-10°	1288.3	1296.6	1302.0	1307.4	1302.0	1296.6	1288.3	1276.0	1259.4	1237.4	1213.5
-12.5°	1223.5	1233.2	1241.8	1240.5	1241.8	1233.2	1223.5	1212.3	1197.3	1177.8	1153.8
-15°	1160.3	1169.6	1175.5	1174.7	1175.5	1169.6	1160.3	1146.3	1132.9	1114.0	1093.1
-17.5°	1097.6	1106.1	1114.7	1114.4	1114.7	1106.1	1097.6	1085.6	1070.3	1053.0	1031.1
-20°	1032.8	1040.1	1049.2	1053.1	1049.2	1040.1	1032.8	1022.4	1004.6	985.7	963.3



REPORT NUMBER: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	957.9	967.2	973.8	978.0	973.8	967.2	957.9	944.5	928.8	906.6	886.8
-25°	870.6	880.2	885.2	887.0	885.2	880.2	870.6	860.4	845.1	823.6	802.9
-27.5°	774.1	784.9	790.1	787.4	790.1	784.9	774.1	764.2	747.3	733.0	713.0
-30°	675.2	682.1	682.9	688.8	682.9	682.1	675.2	667.7	653.6	639.8	623.3
-32.5°	577.6	582.2	579.6	580.0	579.6	582.2	577.6	569.4	557.9	546.1	534.8
-35°	481.2	484.9	485.6	492.4	485.6	484.9	481.2	477.0	470.1	457.3	452.7
-37.5°	403.8	405.2	402.9	399.7	402.9	405.2	403.8	399.2	394.7	386.4	383.1
-40°	338.1	339.2	338.4	336.7	338.4	339.2	338.1	334.8	334.6	330.5	326.1
-42.5°	290.8	290.8	290.0	289.8	290.0	290.8	290.8	288.6	288.0	284.3	278.5
-45°	255.9	256.3	256.2	256.0	256.2	256.3	255.9	254.3	253.2	250.7	246.0
-47.5°	228.7	228.8	228.5	227.8	228.5	228.8	228.7	227.6	225.9	223.6	220.0
-50°	204.8	204.8	205.3	206.1	205.3	204.8	204.8	204.0	202.7	201.0	198.4
-52.5°	184.5	184.4	184.7	185.0	184.7	184.4	184.5	183.9	182.8	181.3	179.1
-55°	166.0	165.8	165.6	165.1	165.6	165.8	166.0	165.5	164.6	163.1	160.9
-57.5°	148.2	148.0	147.6	146.8	147.6	148.0	148.2	147.9	146.9	145.7	144.3
-60°	131.4	131.4	131.2	130.6	131.2	131.4	131.4	130.9	130.1	129.5	128.6
-62.5°	115.9	115.7	115.6	115.4	115.6	115.7	115.9	115.8	115.4	114.8	113.9
-65°	101.5	101.3	101.4	101.3	101.4	101.3	101.5	101.5	101.0	100.5	99.9
-67.5°	87.9	87.8	87.9	87.9	87.9	87.8	87.9	87.7	87.3	86.9	86.6
-70°	75.4	75.5	75.0	74.4	75.0	75.5	75.4	75.2	74.8	74.4	74.0
-72.5°	63.0	62.8	62.8	62.7	62.8	62.8	63.0	63.1	62.9	62.6	62.2
-75°	51.2	51.1	51.4	51.7	51.4	51.1	51.2	51.3	51.2	51.1	51.0
-77.5°	40.8	40.5	40.8	41.0	40.8	40.5	40.8	41.0	41.1	41.1	41.0
-80°	31.7	31.6	31.5	31.4	31.5	31.6	31.7	31.7	31.7	31.6	31.7
-82.5°	23.5	23.3	23.2	23.1	23.2	23.3	23.5	23.6	23.6	23.6	23.5
-85°	14.8	14.7	15.0	15.2	15.0	14.7	14.8	14.9	14.9	14.9	14.9
-87.5°	6.8	6.9	6.7	6.5	6.7	6.9	6.8	6.8	6.7	6.7	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	4.9	5.1	5.3	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1
85°	15.4	15.4	15.4	15.7	15.8	15.8	15.8	15.5	15.1	14.7	14.1
82.5°	29.7	29.7	29.5	29.8	30.0	30.0	29.7	29.1	28.4	27.5	26.3
80°	46.1	46.0	46.0	46.6	46.9	46.9	46.5	45.4	44.0	42.6	41.2
77.5°	66.2	66.6	66.8	67.4	67.6	67.2	66.2	64.6	63.2	61.3	58.9
75°	91.3	91.9	92.3	92.9	93.0	92.4	91.4	89.4	86.8	83.6	79.3
72.5°	121.0	121.7	122.0	122.0	121.4	120.7	119.2	116.6	113.2	109.0	103.3
70°	156.0	156.4	156.2	155.2	154.0	152.4	149.8	146.2	141.5	136.6	129.6
67.5°	197.2	196.6	195.2	193.3	191.2	188.1	184.0	178.7	173.3	167.2	157.8
65°	243.9	242.3	240.4	237.8	233.9	228.6	222.3	215.6	208.6	200.0	188.2
62.5°	296.7	291.4	289.6	287.1	282.1	274.8	267.0	258.6	248.1	235.8	223.9
60°	358.1	353.6	349.1	343.2	335.9	326.8	316.9	305.5	292.6	278.9	263.0
57.5°	424.5	418.5	413.9	406.0	394.6	383.9	371.5	355.8	340.3	324.4	305.5
55°	503.9	495.7	486.0	474.9	462.8	448.9	431.9	413.6	394.6	372.8	352.6
52.5°	581.7	574.4	563.3	547.4	533.2	518.7	498.8	477.2	455.8	433.1	404.8
50°	673.8	662.7	647.4	628.9	614.0	594.3	572.1	546.0	523.6	497.8	466.5
47.5°	766.3	759.1	741.1	719.7	705.8	682.9	655.6	626.3	601.7	566.4	532.4
45°	883.4	870.2	850.0	831.6	809.9	784.5	749.6	721.6	688.7	650.2	600.8
42.5°	1020.5	1001.4	975.2	959.8	933.8	900.3	861.5	826.2	785.1	740.2	683.4
40°	1186.7	1155.2	1128.7	1103.8	1074.2	1030.0	987.0	940.0	890.9	835.6	761.7
37.5°	1377.7	1344.3	1305.1	1264.0	1225.7	1175.2	1117.7	1062.5	1003.4	920.2	836.0
35°	1576.5	1538.4	1490.1	1440.2	1380.7	1310.0	1250.6	1185.5	1104.8	996.8	904.7
32.5°	1772.8	1710.3	1657.9	1604.1	1515.0	1427.7	1363.8	1305.9	1168.9	1057.5	965.1
30°	1914.8	1835.6	1782.5	1708.8	1597.0	1517.5	1456.8	1336.6	1209.1	1099.8	1012.1
27.5°	1945.8	1887.3	1833.3	1722.6	1626.4	1556.1	1461.2	1338.7	1222.7	1119.9	1034.9
25°	1886.1	1832.7	1767.1	1675.1	1594.7	1522.5	1422.8	1311.9	1207.8	1117.1	1021.8
22.5°	1772.9	1724.0	1664.3	1592.5	1524.3	1450.7	1362.8	1266.7	1177.2	1092.3	1000.0
20°	1664.6	1620.7	1565.4	1508.5	1449.8	1380.0	1296.6	1218.0	1145.1	1062.9	973.8
17.5°	1579.6	1534.1	1490.7	1441.4	1381.3	1309.9	1249.9	1185.2	1113.2	1031.5	943.9
15°	1508.7	1474.5	1433.1	1381.0	1325.9	1275.1	1218.1	1151.9	1080.1	997.6	916.0
12.5°	1465.4	1428.8	1383.6	1342.9	1297.0	1243.8	1185.0	1117.5	1048.9	979.7	906.6
10°	1430.8	1396.1	1358.8	1316.0	1267.6	1212.4	1157.4	1098.7	1034.8	967.0	894.5
7.5°	1408.6	1372.8	1333.1	1291.3	1244.9	1195.3	1141.4	1082.9	1018.5	950.7	879.7
5°	1387.0	1351.4	1313.3	1273.1	1225.6	1176.2	1122.8	1064.2	999.4	931.1	862.0
2.5°	1362.4	1328.7	1291.9	1251.8	1203.5	1154.1	1101.5	1042.2	978.4	912.7	841.8
0°	1334.6	1303.6	1264.0	1223.7	1178.2	1129.9	1077.2	1016.6	954.2	892.2	818.4
-2.5°	1308.3	1275.3	1238.7	1198.6	1155.1	1105.1	1052.7	994.1	930.4	867.7	795.5
-5°	1276.1	1244.0	1207.3	1165.4	1121.5	1072.2	1020.2	963.5	900.9	838.9	769.9
-7.5°	1234.6	1203.8	1169.1	1127.5	1082.6	1033.4	980.7	924.1	863.1	801.8	734.8
-10°	1184.9	1152.1	1116.8	1078.0	1036.0	989.5	937.4	880.9	822.2	761.1	696.7
-12.5°	1126.5	1095.3	1060.0	1022.1	980.6	935.2	886.9	833.0	778.1	716.7	655.7
-15°	1064.3	1036.9	1002.1	962.4	920.1	877.0	831.3	779.8	729.1	669.1	611.8
-17.5°	1004.8	974.7	940.3	903.7	861.2	815.9	771.7	724.5	675.4	620.8	568.3
-20°	938.0	907.5	875.6	840.4	800.0	756.3	711.3	666.3	620.2	572.6	524.9



REPORT NUMBER: P558522 (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°	862.6	835.9	805.8	772.4	732.9	692.0	650.6	608.1	564.6	523.6	480.8
-25°	781.8	757.5	727.9	696.4	661.5	624.6	588.3	550.6	513.1	474.6	436.7
-27.5°	694.4	671.9	646.3	618.7	587.8	557.8	525.7	493.2	462.9	429.0	395.9
-30°	604.9	587.4	565.4	539.5	517.9	492.8	463.8	440.6	414.4	385.4	358.4
-32.5°	518.7	504.6	486.5	469.3	451.3	431.2	411.4	389.9	367.0	346.3	324.2
-35°	440.9	429.2	419.4	406.4	389.6	376.3	361.0	343.3	325.8	309.2	291.5
-37.5°	377.0	366.5	359.2	349.5	337.8	325.4	315.4	303.2	288.9	275.6	261.3
-40°	322.1	313.4	308.0	302.3	294.3	282.6	276.3	267.3	257.4	244.6	233.1
-42.5°	278.1	274.0	267.9	264.3	258.0	250.1	242.0	236.8	228.8	218.9	209.4
-45°	244.5	241.9	236.6	233.0	228.4	222.2	213.9	210.0	204.0	197.1	188.1
-47.5°	217.6	215.7	211.8	207.0	203.5	198.1	192.3	186.8	183.3	177.3	170.0
-50°	195.3	193.5	190.0	185.3	182.0	177.9	173.3	167.9	164.5	159.5	153.4
-52.5°	176.1	173.7	170.7	166.7	163.6	160.7	156.6	151.6	147.2	143.8	139.3
-55°	158.0	155.9	153.9	151.1	147.6	144.8	141.0	136.6	133.0	130.0	126.2
-57.5°	142.6	140.8	138.6	135.9	132.8	130.1	127.2	123.8	120.1	117.3	113.7
-60°	127.1	125.2	123.6	121.6	119.1	116.6	114.3	111.4	108.0	105.2	102.1
-62.5°	112.7	111.1	109.8	108.2	106.2	104.0	101.9	99.4	96.6	93.8	91.2
-65°	99.1	98.0	96.8	95.4	93.8	91.9	90.0	88.0	85.8	83.3	80.8
-67.5°	85.9	85.0	83.9	82.9	81.7	80.4	79.0	77.3	75.4	73.3	71.3
-70°	73.4	72.5	71.7	71.1	70.4	69.5	68.4	67.0	65.5	63.9	62.1
-72.5°	61.7	61.1	60.6	60.2	59.6	58.9	58.1	57.1	56.0	54.8	53.1
-75°	50.9	50.5	50.2	49.9	49.4	48.8	48.1	47.5	46.6	45.5	44.1
-77.5°	40.9	40.7	40.4	40.1	39.7	39.1	38.4	37.9	37.3	36.5	35.4
-80°	31.7	31.6	31.4	31.2	30.9	30.5	30.0	29.5	28.8	28.0	27.2
-82.5°	23.4	23.2	23.0	22.8	22.5	22.2	21.8	21.4	20.9	20.4	19.9
-85°	14.9	14.9	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.5	13.2
-87.5°	6.6	6.6	6.5	6.7	6.8	7.0	7.0	7.0	6.9	6.7	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: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	5.0	4.9	4.7	4.5	4.4	4.3	4.1	3.9	3.6	3.2	2.9
85°	13.4	12.5	11.6	10.6	9.6	8.6	8.3	7.9	7.2	6.5	5.7
82.5°	25.0	23.7	22.5	21.1	19.5	17.9	16.2	14.3	12.1	9.9	8.6
80°	39.4	37.4	35.1	32.7	30.0	27.2	24.8	22.2	19.0	15.9	13.0
77.5°	55.8	52.4	48.7	45.5	42.2	38.7	34.9	30.6	25.9	21.9	18.1
75°	74.1	69.8	65.3	60.5	55.4	50.2	45.7	40.4	34.1	28.0	23.1
72.5°	96.9	90.2	83.3	76.2	70.1	63.7	57.2	50.1	42.7	35.5	28.5
70°	121.3	112.1	103.4	94.9	86.0	77.3	69.7	60.9	51.2	42.9	34.9
67.5°	147.2	137.1	126.2	114.1	103.4	93.1	82.4	71.8	60.9	50.2	41.1
65°	176.7	163.9	150.2	137.0	122.9	109.0	97.1	83.0	70.4	58.6	47.2
62.5°	209.1	192.5	177.5	160.9	144.4	128.1	111.4	95.4	80.1	66.8	54.0
60°	245.8	227.6	206.6	187.9	168.0	148.0	128.2	107.5	90.7	74.7	60.9
57.5°	286.2	264.8	242.3	217.7	194.3	170.6	145.0	121.2	100.9	83.4	67.5
55°	328.4	304.3	279.0	251.9	223.0	195.6	162.7	135.2	111.2	92.0	73.7
52.5°	375.7	346.9	317.7	287.1	255.3	220.0	182.3	148.5	122.8	100.2	80.3
50°	430.2	394.2	359.5	324.3	288.0	245.5	200.6	164.3	133.7	108.5	86.6
47.5°	492.3	448.6	405.6	363.4	323.3	269.3	220.8	179.4	143.8	117.3	92.4
45°	556.6	508.5	456.4	407.6	351.9	293.4	240.5	193.3	156.1	125.0	97.8
42.5°	621.1	569.1	513.2	452.2	381.3	316.1	258.5	208.9	167.4	132.1	103.4
40°	692.9	629.6	569.9	493.7	408.0	336.9	276.9	223.6	177.5	139.2	109.1
37.5°	761.3	691.3	625.7	525.3	432.5	358.1	293.8	236.7	186.8	146.9	114.2
35°	825.2	751.1	653.8	551.0	456.8	376.0	308.8	249.1	196.7	153.7	118.8
32.5°	883.4	789.5	675.4	571.1	476.0	390.7	322.3	260.1	205.1	159.5	122.9
30°	923.1	803.8	690.2	585.6	490.4	404.9	333.4	269.2	212.1	164.5	126.7
27.5°	925.2	810.5	698.1	594.7	500.3	415.3	341.8	276.5	217.8	169.1	130.6
25°	918.0	807.6	699.3	598.0	505.5	423.8	348.2	281.9	222.9	173.5	133.8
22.5°	901.0	797.1	694.0	595.8	511.3	429.7	353.5	286.6	227.1	176.9	136.3
20°	879.5	780.2	685.2	598.0	514.2	433.5	357.5	289.6	229.8	179.2	138.1
17.5°	853.3	766.8	683.7	597.6	514.1	434.6	359.3	291.0	231.0	180.4	139.2
15°	841.2	761.6	679.2	594.4	511.3	433.1	359.0	290.8	230.9	180.7	140.0
12.5°	831.6	753.3	671.9	588.4	505.7	429.2	356.6	289.1	229.5	180.7	140.6
10°	819.3	742.0	661.8	579.7	497.6	422.9	352.3	286.4	228.8	180.4	140.6
7.5°	804.3	727.8	649.0	568.3	487.7	415.9	347.8	283.5	227.4	179.3	140.1
5°	787.0	712.1	635.2	557.4	480.2	408.5	342.0	279.1	225.0	177.6	139.2
2.5°	768.2	695.8	619.7	544.3	470.7	399.3	334.5	273.5	221.6	175.1	137.7
0°	746.4	676.8	601.7	528.6	459.3	388.4	325.6	266.7	217.4	172.0	135.8
-2.5°	727.3	655.9	582.2	511.6	442.7	375.3	315.9	259.9	212.7	169.0	133.8
-5°	705.0	632.3	560.5	492.4	424.3	360.8	305.0	252.2	207.3	165.4	131.4
-7.5°	672.3	603.5	535.7	470.9	404.4	345.2	293.1	243.7	201.2	161.3	128.7
-10°	635.5	570.9	507.7	446.6	385.1	329.8	280.6	234.5	194.6	156.8	125.6
-12.5°	596.6	536.5	478.1	421.1	365.2	314.6	268.6	225.5	187.4	151.8	122.2
-15°	555.8	500.6	447.2	394.7	344.6	298.7	256.0	216.3	180.4	146.8	118.5
-17.5°	514.4	463.6	415.3	367.7	323.6	282.1	243.0	206.7	173.0	141.7	114.8
-20°	476.5	429.0	382.7	340.4	302.4	265.0	229.7	196.7	165.2	136.4	111.1



REPORT NUMBER: P558522 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-940-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°	438.8	397.1	355.3	315.1	281.6	247.6	216.1	186.3	157.2	130.9	107.1
-25°	401.2	365.4	328.5	294.0	261.5	231.5	203.1	175.7	149.0	125.1	102.9
-27.5°	365.8	334.5	301.6	272.9	243.9	215.5	190.5	165.7	141.0	119.2	98.5
-30°	332.0	304.9	277.5	252.3	226.5	201.7	177.9	155.6	133.8	113.5	93.8
-32.5°	300.8	275.7	254.5	233.1	210.5	187.9	166.2	145.6	126.5	107.8	89.5
-35°	271.8	250.8	232.2	214.5	195.0	175.4	155.5	135.7	119.2	101.9	85.2
-37.5°	244.2	228.8	212.7	197.1	179.7	163.1	145.4	127.6	111.9	95.9	80.9
-40°	221.4	208.3	194.9	180.6	166.0	151.1	135.3	119.8	104.8	89.7	76.4
-42.5°	199.8	189.6	178.1	164.5	153.4	140.1	125.3	112.0	98.0	84.2	71.9
-45°	180.5	171.9	162.1	151.9	141.2	129.1	116.5	104.0	91.2	79.0	67.6
-47.5°	162.4	156.0	148.0	139.5	129.6	118.5	107.6	96.4	84.3	73.8	63.4
-50°	147.1	141.5	135.1	127.5	118.3	108.9	98.9	88.9	78.6	68.6	59.2
-52.5°	133.8	128.5	122.8	115.7	107.9	99.1	90.9	81.5	72.7	63.7	54.8
-55°	121.4	116.2	111.0	104.9	97.8	90.5	82.9	74.9	66.7	58.7	50.5
-57.5°	109.6	104.6	100.1	94.6	88.7	82.3	75.5	68.3	61.0	53.7	46.7
-60°	98.3	94.2	89.7	85.2	80.1	74.3	68.2	61.7	55.4	48.8	42.8
-62.5°	87.9	84.2	80.5	76.4	71.7	66.5	60.9	55.5	49.7	44.3	38.8
-65°	78.2	75.1	71.6	67.7	63.4	58.9	54.2	49.2	44.5	39.8	34.8
-67.5°	68.9	66.0	62.6	59.1	55.6	51.8	47.4	43.4	39.5	35.2	30.9
-70°	59.8	57.0	54.2	51.5	48.4	44.9	41.4	37.9	34.4	30.8	26.9
-72.5°	51.0	48.8	46.5	44.1	41.4	38.5	35.5	32.4	29.6	26.4	22.9
-75°	42.4	40.8	39.0	37.0	34.7	32.2	29.8	27.4	24.8	22.0	19.4
-77.5°	34.2	32.9	31.5	30.1	28.3	26.4	24.4	22.3	20.2	18.2	16.0
-80°	26.5	25.7	24.7	23.6	22.1	20.6	19.1	17.6	16.1	14.4	12.6
-82.5°	19.3	18.7	18.1	17.3	16.3	15.3	14.2	13.1	11.9	10.6	9.3
-85°	12.8	12.3	11.8	11.2	10.6	9.9	9.3	8.7	7.9	7.0	6.2
-87.5°	6.3	6.1	5.8	5.5	5.3	5.0	4.7	4.4	3.9	3.5	3.1
-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°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
85°	5.0	4.2	3.4	2.6	1.7	0.9	0.0
82.5°	7.4	6.3	5.1	3.9	2.6	1.3	0.0
80°	10.1	8.4	6.8	5.1	3.5	1.7	0.0
77.5°	14.4	10.9	8.5	6.4	4.3	2.1	0.0
75°	18.6	14.3	10.3	7.7	5.2	2.5	0.0
72.5°	22.8	17.7	12.9	8.9	6.0	2.9	0.0
70°	27.0	21.0	15.5	10.3	6.8	3.3	0.0
67.5°	32.2	24.2	18.0	12.1	7.6	3.7	0.0
65°	37.2	27.8	20.4	13.9	8.4	4.1	0.0
62.5°	42.1	31.7	22.8	15.6	9.2	4.5	0.0
60°	46.8	35.5	25.1	17.3	9.9	4.9	0.0
57.5°	52.1	39.1	27.9	19.0	11.0	5.2	0.0
55°	57.2	42.6	30.6	20.6	12.0	5.6	0.0
52.5°	62.1	46.0	33.2	22.1	13.0	5.9	0.0
50°	66.6	49.7	35.6	23.6	14.0	6.3	0.0
47.5°	71.0	53.2	37.9	25.0	14.9	6.6	0.0
45°	75.6	56.5	40.1	26.7	15.8	6.9	0.0
42.5°	79.8	59.5	42.1	28.2	16.7	7.2	0.0
40°	83.6	62.3	44.2	29.6	17.5	7.5	0.0
37.5°	87.1	64.8	46.3	31.0	18.3	7.7	0.0
35°	90.2	67.3	48.2	32.3	19.0	8.0	0.0
32.5°	93.1	69.7	49.9	33.5	19.7	8.2	0.0
30°	96.3	71.8	51.4	34.6	20.3	8.4	0.0
27.5°	99.0	73.6	52.9	35.6	20.9	8.6	0.0
25°	101.4	75.1	54.1	36.5	21.4	8.8	0.0
22.5°	103.2	76.4	55.2	37.4	21.9	8.9	0.0
20°	104.7	77.7	56.2	38.1	22.3	9.1	0.0
17.5°	106.0	78.8	56.9	38.7	22.7	9.2	0.0
15°	107.1	79.6	57.5	39.2	23.0	9.3	0.0
12.5°	107.7	80.2	57.9	39.7	23.3	9.4	0.0
10°	108.0	80.6	58.1	40.0	23.5	9.5	0.0
7.5°	107.9	80.8	58.2	40.2	23.6	9.5	0.0
5°	107.4	80.7	58.1	40.3	23.8	9.6	0.0
2.5°	106.5	80.4	57.9	40.4	23.8	9.6	0.0
0°	105.4	79.9	57.5	40.3	23.8	9.6	0.0
-2.5°	104.2	79.2	57.2	40.1	23.7	9.6	0.0
-5°	102.7	78.2	56.8	39.8	23.6	9.6	0.0
-7.5°	100.9	77.1	56.3	39.5	23.5	9.6	0.0
-10°	98.9	75.7	55.6	39.0	23.3	9.5	0.0
-12.5°	96.6	74.2	54.8	38.5	23.0	9.5	0.0
-15°	94.2	72.6	53.9	37.9	22.7	9.4	0.0
-17.5°	91.4	70.8	52.9	37.2	22.3	9.3	0.0
-20°	88.6	68.9	51.7	36.4	21.9	9.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	85.8	66.9	50.5	35.5	21.5	9.1	0.0
-25°	82.8	64.9	49.1	34.6	21.0	8.9	0.0
-27.5°	79.6	62.8	47.6	33.6	20.4	8.7	0.0
-30°	76.4	60.5	46.0	32.5	19.9	8.6	0.0
-32.5°	72.9	58.2	44.4	31.4	19.3	8.3	0.0
-35°	69.7	55.7	42.6	30.2	18.6	8.1	0.0
-37.5°	66.6	53.2	40.8	28.9	17.9	7.9	0.0
-40°	63.3	50.8	38.9	27.6	17.2	7.6	0.0
-42.5°	59.9	48.3	37.1	26.3	16.5	7.4	0.0
-45°	56.4	45.8	35.2	24.9	15.7	7.1	0.0
-47.5°	52.9	43.1	33.2	23.4	14.9	6.8	0.0
-50°	49.6	40.5	31.2	22.1	14.1	6.4	0.0
-52.5°	46.3	37.7	29.2	20.8	13.2	6.1	0.0
-55°	43.0	35.0	27.0	19.5	12.4	5.8	0.0
-57.5°	39.6	32.3	24.8	18.1	11.5	5.4	0.0
-60°	36.2	29.6	22.6	16.8	10.5	5.0	0.0
-62.5°	32.9	26.8	20.8	15.3	9.8	4.7	0.0
-65°	29.5	23.9	18.8	13.9	8.9	4.3	0.0
-67.5°	26.1	21.2	16.9	12.4	8.1	3.9	0.0
-70°	22.6	18.8	14.9	10.9	7.3	3.5	0.0
-72.5°	19.6	16.3	12.9	9.5	6.4	3.0	0.0
-75°	16.7	13.8	10.9	8.2	5.5	2.6	0.0
-77.5°	13.7	11.3	9.1	6.9	4.6	2.2	0.0
-80°	10.7	9.0	7.3	5.5	3.7	1.8	0.0
-82.5°	8.0	6.7	5.5	4.1	2.8	1.3	0.0
-85°	5.3	4.5	3.6	2.8	1.9	0.9	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)