

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: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558562 (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-SA1D-927-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

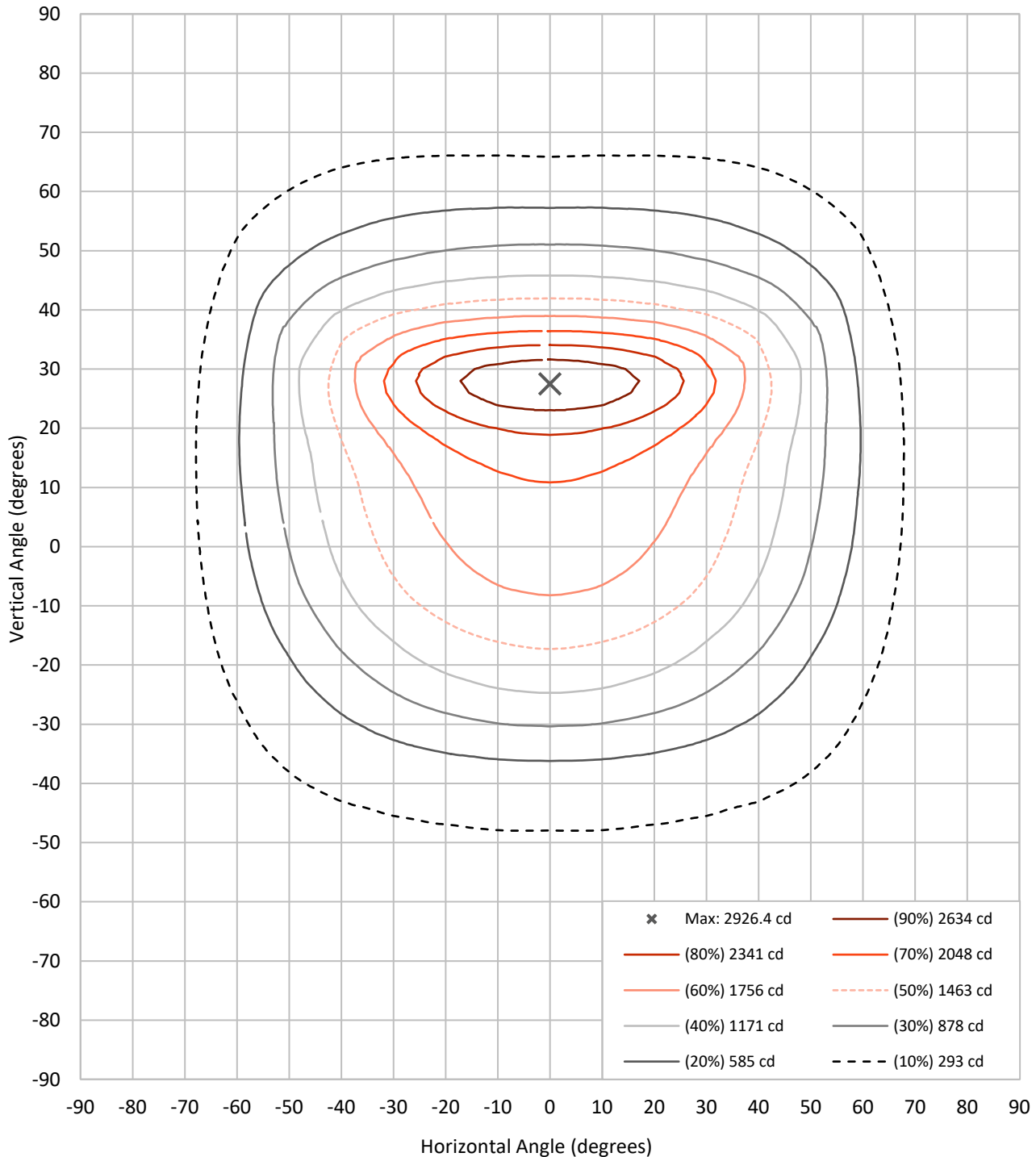
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	4266.2 lumens	Max Intensity:	2926.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	77.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	2217.2 lumens	Field Lumens:	3946.6 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	55		
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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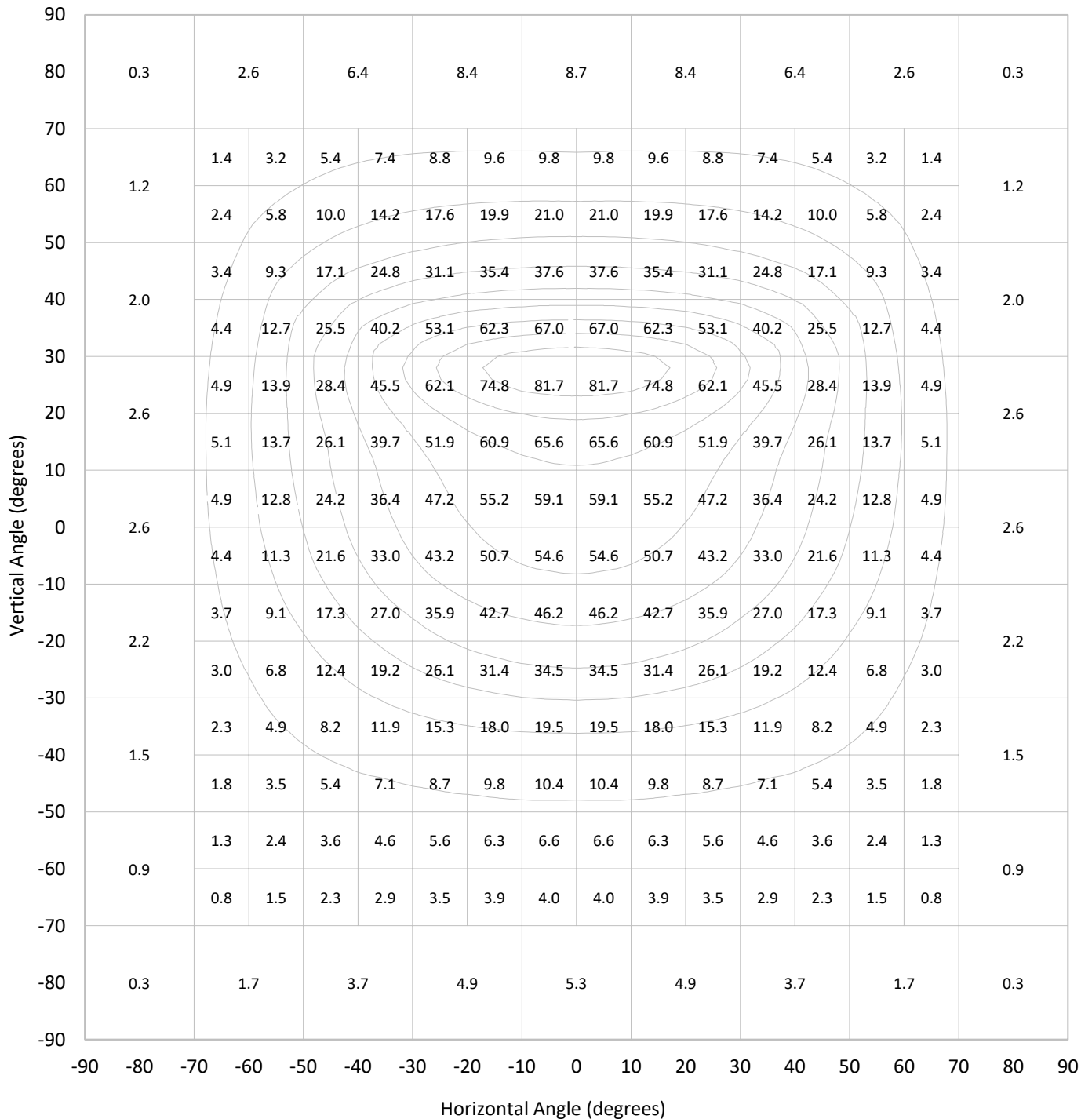
### Iso-Candela Plot





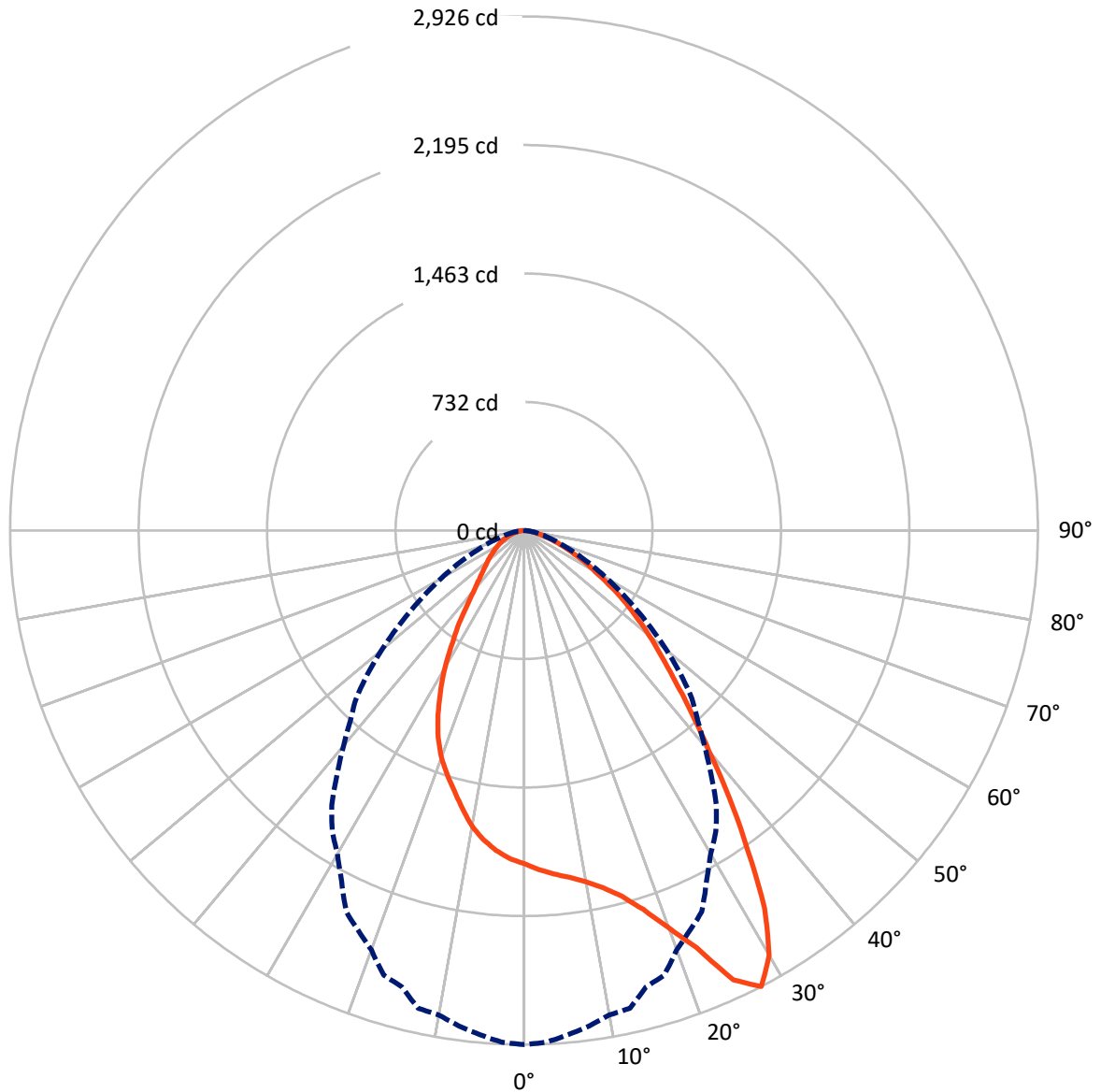
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### Lumen Table



REPORT NUMBER: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

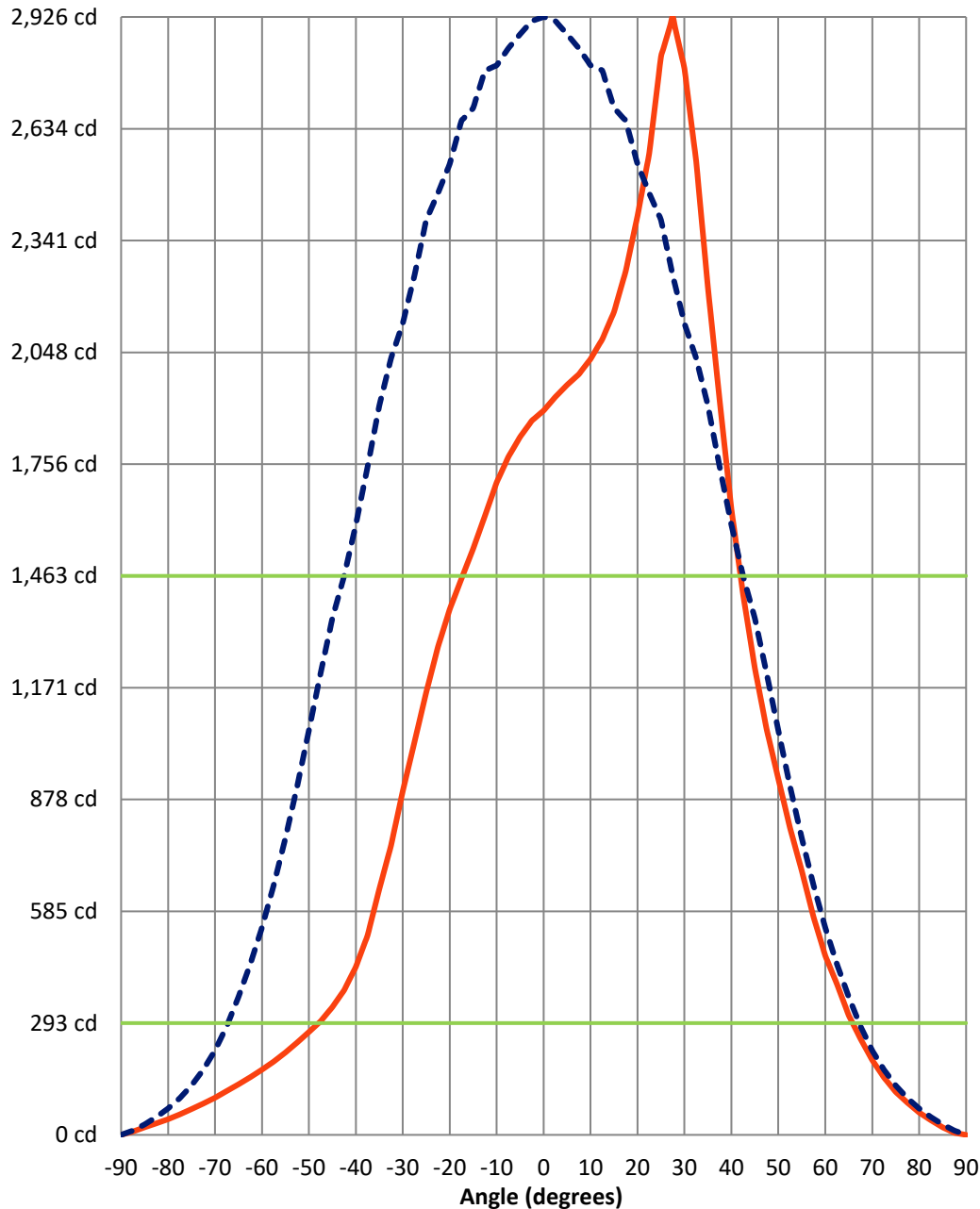
### Luminous Intensity Polar Plot



— 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: 2217.2  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 3946.6  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 319.6  
 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	0.6	1.1	1.7	2.2	2.8	3.3	3.8	4.2	4.7	5.2
85°	0.0	1.1	2.3	3.4	4.5	5.5	6.5	7.5	8.5	9.4	10.3
82.5°	0.0	1.7	3.4	5.1	6.7	8.2	9.8	11.3	13.0	15.8	18.7
80°	0.0	2.2	4.5	6.7	8.9	11.0	13.3	17.0	20.9	24.9	29.0
77.5°	0.0	2.8	5.7	8.4	11.1	14.3	18.9	23.7	28.7	33.9	39.9
75°	0.0	3.3	6.8	10.1	13.5	18.8	24.4	30.3	36.6	44.6	52.8
72.5°	0.0	3.9	7.9	11.7	16.9	23.2	29.8	37.3	46.4	55.8	65.4
70°	0.0	4.4	8.9	13.5	20.2	27.5	35.4	45.6	56.1	66.9	79.5
67.5°	0.0	4.9	10.0	15.8	23.5	31.7	42.1	53.7	65.6	79.6	93.7
65°	0.0	5.4	11.0	18.2	26.7	36.4	48.7	61.7	76.5	92.0	108.5
62.5°	0.0	5.9	12.0	20.4	29.8	41.5	55.0	70.5	87.2	104.6	124.7
60°	0.0	6.4	13.0	22.7	32.8	46.4	61.1	79.5	97.6	118.4	140.3
57.5°	0.0	6.9	14.4	24.8	36.5	51.1	68.0	88.2	109.0	131.8	158.3
55°	0.0	7.3	15.8	26.9	40.0	55.6	74.7	96.3	120.2	145.3	176.6
52.5°	0.0	7.8	17.1	28.9	43.3	60.1	81.1	104.9	130.9	160.5	193.9
50°	0.0	8.2	18.3	30.8	46.5	64.9	87.1	113.1	141.7	174.7	214.6
47.5°	0.0	8.6	19.6	32.7	49.5	69.5	92.8	120.7	153.3	187.9	234.3
45°	0.0	9.0	20.7	34.8	52.4	73.8	98.7	127.7	163.3	203.9	252.5
42.5°	0.0	9.4	21.8	36.8	55.1	77.7	104.2	135.1	172.6	218.7	272.9
40°	0.0	9.8	22.9	38.7	57.8	81.4	109.2	142.5	181.9	231.9	292.1
37.5°	0.0	10.1	23.9	40.5	60.5	84.7	113.7	149.2	191.9	244.0	309.2
35°	0.0	10.4	24.8	42.2	62.9	88.0	117.7	155.2	200.8	256.9	325.3
32.5°	0.0	10.7	25.7	43.8	65.2	91.1	121.6	160.5	208.4	267.9	339.7
30°	0.0	11.0	26.5	45.2	67.2	93.8	125.7	165.4	214.8	277.1	351.6
27.5°	0.0	11.3	27.3	46.6	69.1	96.1	129.3	170.6	220.8	284.4	361.1
25°	0.0	11.5	28.0	47.8	70.7	98.1	132.3	174.7	226.7	291.1	368.2
22.5°	0.0	11.7	28.6	48.8	72.2	99.8	134.8	178.0	231.0	296.6	374.3
20°	0.0	11.9	29.2	49.8	73.4	101.5	136.7	180.3	234.0	300.1	378.3
17.5°	0.0	12.1	29.6	50.6	74.4	102.9	138.4	181.8	235.6	301.8	380.1
15°	0.0	12.2	30.1	51.3	75.1	104.0	139.8	182.8	236.0	301.7	379.8
12.5°	0.0	12.4	30.4	51.8	75.6	104.8	140.7	183.6	236.0	299.9	377.6
10°	0.0	12.5	30.7	52.3	75.9	105.3	141.0	183.7	235.6	299.0	374.2
7.5°	0.0	12.5	30.9	52.6	76.0	105.5	140.9	183.1	234.2	297.1	370.3
5°	0.0	12.6	31.0	52.7	76.0	105.4	140.3	181.8	231.9	293.9	364.6
2.5°	0.0	12.6	31.1	52.8	75.7	105.1	139.2	179.9	228.6	289.5	357.3
0°	0.0	12.6	31.1	52.7	75.2	104.4	137.7	177.4	224.6	284.0	348.4
-2.5°	0.0	12.6	31.0	52.5	74.8	103.4	136.1	174.8	220.6	277.9	339.5
-5°	0.0	12.6	30.9	52.1	74.3	102.2	134.2	171.7	216.0	270.8	329.4
-7.5°	0.0	12.6	30.7	51.6	73.6	100.7	131.9	168.1	210.7	262.8	318.3
-10°	0.0	12.5	30.4	51.0	72.7	98.9	129.2	164.0	204.8	254.1	306.4
-12.5°	0.0	12.4	30.0	50.3	71.7	97.0	126.3	159.6	198.3	244.8	294.6
-15°	0.0	12.3	29.6	49.5	70.5	94.9	123.0	154.8	191.7	235.6	282.6
-17.5°	0.0	12.2	29.2	48.6	69.1	92.5	119.5	150.0	185.1	225.9	270.0
-20°	0.0	12.1	28.7	47.5	67.6	90.0	115.8	145.2	178.2	215.8	256.9



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 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.9	28.1	46.4	65.9	87.4	112.1	140.0	170.9	205.3	243.3
-25°	0.0	11.7	27.4	45.2	64.1	84.8	108.2	134.5	163.4	194.6	229.5
-27.5°	0.0	11.5	26.7	43.9	62.2	82.0	104.1	128.7	155.7	184.2	216.4
-30°	0.0	11.2	26.0	42.5	60.1	79.1	99.8	122.6	148.2	174.7	203.2
-32.5°	0.0	10.9	25.2	41.0	58.0	76.0	95.3	116.9	140.8	165.2	190.2
-35°	0.0	10.6	24.4	39.4	55.7	72.7	91.1	111.4	133.1	155.6	177.3
-37.5°	0.0	10.3	23.5	37.8	53.3	69.5	87.0	105.6	125.3	146.2	166.6
-40°	0.0	10.0	22.5	36.1	50.8	66.4	82.7	99.8	117.2	136.9	156.5
-42.5°	0.0	9.6	21.6	34.3	48.4	63.1	78.3	94.0	110.0	128.0	146.2
-45°	0.0	9.3	20.6	32.5	45.9	59.8	73.7	88.3	103.2	119.1	135.8
-47.5°	0.0	8.9	19.5	30.6	43.4	56.4	69.1	82.8	96.4	110.2	126.0
-50°	0.0	8.4	18.4	28.9	40.8	52.8	64.8	77.3	89.7	102.6	116.1
-52.5°	0.0	8.0	17.3	27.2	38.1	49.2	60.5	71.6	83.2	95.0	106.5
-55°	0.0	7.6	16.2	25.5	35.3	45.8	56.2	66.0	76.7	87.2	97.9
-57.5°	0.0	7.1	15.0	23.7	32.5	42.2	51.8	60.9	70.2	79.7	89.2
-60°	0.0	6.6	13.8	21.9	29.6	38.6	47.3	55.8	63.7	72.4	80.7
-62.5°	0.0	6.1	12.8	20.1	27.1	34.9	43.0	50.7	57.9	64.9	72.5
-65°	0.0	5.6	11.7	18.2	24.6	31.2	38.5	45.5	52.0	58.2	64.3
-67.5°	0.0	5.1	10.6	16.2	22.1	27.7	34.1	40.3	46.0	51.5	56.8
-70°	0.0	4.5	9.5	14.3	19.5	24.5	29.5	35.1	40.3	44.9	49.5
-72.5°	0.0	4.0	8.4	12.5	16.9	21.3	25.6	29.9	34.5	38.7	42.3
-75°	0.0	3.4	7.2	10.8	14.2	18.1	21.8	25.3	28.8	32.5	35.7
-77.5°	0.0	2.9	6.0	9.0	11.9	14.8	17.9	20.9	23.8	26.5	29.1
-80°	0.0	2.3	4.8	7.2	9.5	11.7	14.0	16.5	18.8	21.0	23.1
-82.5°	0.0	1.7	3.6	5.4	7.1	8.8	10.5	12.1	13.8	15.6	17.2
-85°	0.0	1.2	2.4	3.6	4.8	5.9	7.0	8.1	9.2	10.3	11.4
-87.5°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-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: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	5.7	5.8	6.0	6.2	6.4	6.6	6.7	6.8	6.9	7.0
85°	10.9	11.3	12.6	13.9	15.2	16.4	17.5	18.4	19.2	19.8	20.3
82.5°	21.1	23.4	25.5	27.5	29.4	31.0	32.6	34.4	35.9	37.1	38.1
80°	32.4	35.5	39.2	42.7	45.9	48.8	51.4	53.8	55.6	57.5	59.3
77.5°	45.5	50.5	55.2	59.5	63.6	68.4	72.9	77.0	80.2	82.6	84.4
75°	59.6	65.6	72.4	79.1	85.4	91.2	96.8	103.7	109.3	113.5	116.8
72.5°	74.7	83.3	91.5	99.5	108.8	117.8	126.5	135.0	142.4	147.8	152.2
70°	91.0	100.9	112.3	123.9	135.0	146.3	158.4	169.3	178.4	184.8	190.9
67.5°	107.7	121.6	135.1	149.0	164.8	179.1	192.3	206.2	218.4	226.4	233.5
65°	126.9	142.4	160.5	178.9	196.3	214.2	230.8	245.8	261.3	272.5	281.7
62.5°	145.4	167.2	188.6	210.2	231.9	251.4	273.1	292.5	308.0	324.0	337.7
60°	167.4	193.3	219.5	245.5	269.9	297.3	321.1	343.6	364.3	382.1	399.1
57.5°	189.4	222.9	253.8	284.4	316.6	345.9	373.8	399.0	423.8	444.5	464.8
55°	212.5	255.6	291.3	329.1	364.5	397.5	428.9	460.5	486.9	515.5	540.2
52.5°	238.1	287.4	333.5	375.1	415.0	453.1	490.7	528.7	565.8	595.3	623.4
50°	262.1	320.8	376.3	423.7	469.6	514.9	561.9	609.3	650.2	684.0	713.2
47.5°	288.5	351.8	422.3	474.8	529.8	586.0	643.0	695.5	740.0	786.0	818.2
45°	314.2	383.2	459.8	532.5	596.2	664.3	727.1	784.9	849.4	899.6	942.7
42.5°	337.6	413.0	498.1	590.7	670.4	743.5	811.5	892.8	966.9	1025.6	1079.3
40°	361.8	440.1	533.0	644.9	744.5	822.4	905.2	995.0	1091.5	1163.7	1228.0
37.5°	383.8	467.8	565.0	686.2	817.3	903.1	994.5	1092.0	1202.0	1310.7	1387.9
35°	403.3	491.2	596.7	719.8	854.1	981.2	1077.9	1181.8	1302.2	1443.2	1548.6
32.5°	421.0	510.4	621.8	746.0	882.2	1031.3	1154.0	1260.6	1381.4	1526.9	1705.9
30°	435.5	528.9	640.6	765.0	901.6	1050.0	1205.8	1322.1	1436.7	1579.4	1746.0
27.5°	446.5	542.5	653.5	776.8	911.9	1058.7	1208.6	1352.0	1462.9	1597.2	1748.7
25°	454.9	553.7	660.3	781.2	913.4	1054.9	1199.1	1334.8	1459.3	1577.7	1713.7
22.5°	461.9	561.4	667.8	778.2	906.5	1041.3	1177.0	1306.3	1426.8	1537.7	1654.7
20°	467.1	566.3	671.6	781.1	895.0	1019.2	1149.0	1272.1	1388.5	1495.9	1591.1
17.5°	469.4	567.7	671.6	780.6	893.0	1001.7	1114.7	1233.0	1347.5	1454.1	1548.2
15°	469.0	565.8	667.9	776.4	887.2	994.9	1099.0	1196.5	1303.2	1410.9	1504.6
12.5°	465.9	560.7	660.6	768.6	877.7	984.1	1086.3	1184.3	1279.9	1370.1	1459.7
10°	460.3	552.5	649.9	757.3	864.5	969.3	1070.2	1168.6	1263.1	1351.8	1435.2
7.5°	454.5	543.3	637.1	742.4	847.8	950.7	1050.7	1149.2	1242.0	1330.4	1414.7
5°	446.8	533.6	627.3	728.2	829.7	930.2	1028.0	1126.0	1216.4	1305.6	1390.2
2.5°	437.0	521.6	614.9	711.0	809.6	908.9	1003.5	1099.7	1192.3	1278.1	1361.4
0°	425.4	507.3	600.0	690.5	786.0	884.1	975.0	1069.1	1165.4	1246.5	1327.9
-2.5°	412.7	490.2	578.3	668.3	760.6	856.8	950.0	1039.2	1133.4	1215.3	1298.5
-5°	398.5	471.3	554.3	643.3	732.2	826.0	921.0	1005.8	1095.8	1176.7	1258.6
-7.5°	383.0	451.0	528.3	615.2	699.8	788.3	878.3	959.9	1047.4	1127.5	1207.2
-10°	366.6	430.8	503.1	583.4	663.2	745.7	830.2	910.1	994.2	1074.0	1150.7
-12.5°	350.9	411.0	477.0	550.1	624.6	700.8	779.3	856.5	936.3	1016.5	1088.2
-15°	334.4	390.2	450.1	515.6	584.2	653.9	726.1	799.2	874.0	952.5	1018.7
-17.5°	317.4	368.5	422.7	480.4	542.4	605.6	671.9	742.4	810.9	882.4	946.5
-20°	300.0	346.3	395.0	444.7	499.9	560.4	622.5	685.7	748.0	810.2	870.4



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 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	282.3	323.5	367.9	411.6	464.0	518.7	573.2	628.1	684.0	737.5	794.4
-25°	265.3	302.4	341.6	384.0	429.1	477.3	524.1	570.5	620.0	670.2	719.2
-27.5°	248.8	281.6	318.6	356.5	394.0	436.9	477.8	517.2	560.4	604.7	644.3
-30°	232.4	263.4	295.8	329.5	362.5	398.3	433.7	468.2	503.4	541.4	575.6
-32.5°	217.1	245.4	274.9	304.4	332.4	360.2	392.9	423.6	452.4	479.4	509.3
-35°	203.1	229.1	254.7	280.2	303.2	327.7	355.0	380.8	404.0	425.7	448.5
-37.5°	189.9	213.1	234.6	257.4	277.9	298.8	319.0	341.3	360.0	377.4	396.1
-40°	176.7	197.4	216.8	235.8	254.6	272.1	289.3	304.5	319.6	336.2	349.2
-42.5°	163.7	183.0	200.3	214.9	232.6	247.6	261.0	273.6	285.9	298.9	309.3
-45°	152.2	168.6	184.5	198.4	211.7	224.5	235.8	245.8	257.4	266.4	274.3
-47.5°	140.6	154.8	169.4	182.2	193.3	203.7	212.1	222.1	231.7	239.4	244.0
-50°	129.2	142.2	154.5	166.5	176.6	184.9	192.2	200.4	208.3	214.9	219.3
-52.5°	118.7	129.6	141.0	151.2	160.4	167.9	174.9	182.0	187.8	192.4	198.1
-55°	108.3	118.3	127.8	137.0	144.9	151.8	158.6	164.9	169.9	173.8	178.5
-57.5°	98.6	107.6	115.9	123.6	130.7	136.6	143.2	148.6	153.3	156.9	161.8
-60°	89.1	97.1	104.7	111.4	117.2	123.0	128.4	133.4	137.5	141.1	145.5
-62.5°	79.6	86.9	93.7	99.9	105.2	110.0	114.8	119.1	122.5	126.2	129.9
-65°	70.8	76.9	82.9	88.5	93.5	98.1	102.1	105.5	108.7	112.0	115.0
-67.5°	62.0	67.7	72.7	77.2	81.8	86.2	89.9	93.1	95.7	98.4	100.9
-70°	54.1	58.6	63.2	67.2	70.8	74.5	78.1	81.0	83.4	85.5	87.5
-72.5°	46.3	50.3	54.1	57.6	60.8	63.8	66.6	69.3	71.5	73.1	74.6
-75°	38.9	42.1	45.3	48.3	50.9	53.3	55.5	57.6	59.4	60.8	62.0
-77.5°	31.9	34.5	37.0	39.3	41.2	43.0	44.7	46.3	47.7	48.8	49.6
-80°	25.1	27.0	29.0	30.9	32.3	33.6	34.6	35.5	36.6	37.6	38.6
-82.5°	18.6	20.0	21.4	22.7	23.7	24.5	25.3	26.0	26.7	27.4	28.0
-85°	12.3	13.0	13.9	14.7	15.4	16.1	16.7	17.2	17.6	18.0	18.2
-87.5°	6.1	6.5	6.9	7.2	7.6	8.0	8.3	8.6	8.8	9.0	9.1
-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: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	7.1	7.1	7.0	7.0	6.7	6.4	6.1	5.7	5.9	6.0
85°	20.7	20.8	20.7	20.5	20.2	20.1	20.0	19.9	19.7	20.0	20.3
82.5°	38.9	39.1	39.2	39.0	38.6	38.8	38.8	38.8	38.5	38.8	39.0
80°	60.7	61.3	61.3	60.9	60.1	60.2	60.3	60.1	59.7	59.8	59.7
77.5°	86.5	87.8	88.3	88.1	87.3	87.0	86.4	85.2	83.5	83.5	83.5
75°	119.4	120.7	121.4	121.4	120.6	120.0	119.3	117.9	116.0	115.9	115.9
72.5°	155.6	157.6	158.5	159.3	159.3	159.0	158.1	156.0	153.0	152.7	153.1
70°	195.7	199.1	201.2	202.9	204.2	204.4	203.8	202.1	199.5	198.8	198.6
67.5°	240.3	245.7	249.8	252.5	255.0	256.9	257.6	256.8	254.7	254.0	254.3
65°	290.3	298.6	305.5	310.7	314.1	316.5	318.7	319.9	320.3	321.0	322.0
62.5°	348.8	359.0	368.5	375.0	378.4	380.7	387.6	391.5	392.7	392.9	394.4
60°	414.0	426.9	438.8	448.4	456.1	462.0	467.8	471.7	473.1	473.4	475.5
57.5°	485.3	501.5	515.5	530.3	540.6	546.6	554.4	562.5	566.7	567.9	572.8
55°	564.3	586.4	604.5	620.3	634.8	647.4	658.2	666.5	672.6	676.3	682.8
52.5°	651.5	677.5	696.5	715.1	735.8	750.4	759.9	775.2	786.3	792.4	800.2
50°	747.4	776.3	802.1	821.6	845.7	865.6	880.1	894.6	904.8	910.7	918.2
47.5°	856.4	892.1	922.0	940.1	968.1	991.5	1001.0	1012.0	1031.1	1040.3	1048.4
45°	979.2	1024.8	1058.0	1086.3	1110.3	1136.7	1153.9	1166.3	1185.2	1194.7	1200.7
42.5°	1125.4	1176.0	1219.8	1253.8	1274.0	1308.1	1333.0	1340.0	1366.8	1384.9	1390.2
40°	1289.3	1345.4	1403.2	1441.9	1474.4	1509.1	1550.2	1573.1	1595.7	1613.5	1617.5
37.5°	1460.0	1535.2	1601.1	1651.1	1704.9	1756.1	1799.6	1823.4	1838.2	1872.2	1884.9
35°	1633.7	1711.2	1803.6	1881.3	1946.5	2009.6	2059.3	2098.5	2135.8	2166.4	2184.7
32.5°	1781.5	1865.0	1979.0	2095.4	2165.7	2234.1	2315.8	2360.6	2410.3	2450.6	2480.0
30°	1903.0	1982.3	2086.2	2232.2	2328.5	2397.9	2501.2	2563.1	2617.3	2685.6	2709.4
27.5°	1908.8	2032.8	2124.6	2250.3	2394.9	2465.3	2541.8	2654.3	2688.4	2785.8	2799.9
25°	1858.7	1988.9	2083.2	2188.2	2308.4	2394.0	2463.9	2557.4	2606.5	2669.1	2717.2
22.5°	1780.3	1895.0	1991.3	2080.3	2174.1	2252.1	2315.9	2381.7	2435.5	2484.1	2529.2
20°	1693.7	1802.7	1894.0	1970.5	2044.9	2117.1	2174.6	2229.8	2276.3	2318.0	2343.7
17.5°	1632.8	1711.2	1804.4	1882.8	1947.3	2004.1	2063.4	2109.7	2150.5	2188.0	2211.5
15°	1591.2	1665.7	1732.1	1804.1	1872.0	1926.1	1970.8	2018.5	2053.8	2086.1	2111.5
12.5°	1548.0	1624.8	1694.2	1754.2	1807.4	1866.4	1914.2	1951.7	1988.8	2014.1	2040.2
10°	1511.9	1583.8	1655.8	1719.1	1775.1	1823.7	1869.0	1911.1	1944.3	1972.7	1993.3
7.5°	1491.0	1561.4	1626.2	1686.9	1741.5	1793.3	1840.0	1878.6	1911.5	1940.9	1962.5
5°	1466.7	1536.5	1601.1	1663.1	1715.5	1765.4	1811.9	1851.6	1885.6	1911.9	1932.5
2.5°	1438.9	1507.7	1572.1	1635.2	1687.6	1735.6	1779.6	1818.4	1853.9	1878.9	1896.4
0°	1407.2	1476.0	1539.1	1598.5	1651.1	1702.9	1743.4	1782.6	1817.2	1842.0	1859.6
-2.5°	1375.2	1443.6	1508.9	1565.8	1618.1	1665.9	1709.0	1745.9	1779.1	1803.8	1819.1
-5°	1332.7	1400.7	1465.1	1522.4	1577.0	1625.0	1666.9	1704.5	1736.5	1763.3	1784.2
-7.5°	1281.2	1350.0	1414.3	1472.8	1527.2	1572.5	1612.8	1650.7	1684.7	1714.1	1739.8
-10°	1224.6	1292.6	1353.4	1408.2	1458.9	1504.9	1547.8	1585.2	1616.4	1645.2	1666.8
-12.5°	1158.6	1221.6	1281.1	1335.1	1384.7	1430.8	1471.5	1507.2	1538.6	1564.1	1583.6
-15°	1085.9	1145.7	1202.0	1257.2	1309.1	1354.5	1390.4	1427.9	1455.2	1479.9	1497.5
-17.5°	1008.1	1065.9	1125.1	1180.5	1228.4	1273.2	1312.6	1346.9	1375.5	1398.2	1418.0
-20°	929.2	988.0	1045.0	1097.8	1143.9	1185.5	1225.4	1258.3	1287.6	1312.3	1335.5



REPORT NUMBER: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	849.9	903.9	957.4	1009.0	1052.6	1091.9	1126.9	1158.4	1184.3	1213.4	1233.9
-25°	768.5	815.9	864.2	909.8	950.9	989.5	1021.3	1048.9	1075.9	1104.0	1124.0
-27.5°	686.8	728.6	767.9	808.2	844.2	877.7	907.1	931.4	957.5	976.3	998.3
-30°	605.9	643.8	676.6	704.7	738.5	767.3	790.1	814.2	835.8	853.7	872.3
-32.5°	537.4	563.3	589.5	613.0	635.5	659.1	677.6	698.5	713.3	728.8	743.8
-35°	471.6	491.6	508.9	530.9	547.8	560.7	576.0	591.4	597.3	614.1	623.1
-37.5°	411.9	425.1	441.3	456.6	469.1	478.7	492.4	500.5	504.8	515.6	521.4
-40°	360.9	369.2	384.3	394.8	402.3	409.3	420.7	425.9	431.7	437.1	437.3
-42.5°	316.1	326.7	337.0	345.2	349.9	357.9	363.3	363.9	371.4	376.2	376.9
-45°	279.4	290.2	298.3	304.4	309.1	316.0	319.4	321.3	327.5	330.7	332.1
-47.5°	251.2	258.7	265.8	270.4	276.6	281.7	284.3	287.5	292.2	295.2	297.3
-50°	226.4	232.4	237.7	242.0	248.2	252.7	255.1	259.1	262.6	264.8	266.4
-52.5°	204.6	209.9	213.7	217.8	222.9	226.9	230.0	233.9	236.9	238.8	240.3
-55°	184.2	189.2	192.9	197.3	201.0	203.7	206.3	210.1	213.0	214.9	216.2
-57.5°	166.2	170.0	173.5	177.6	181.1	184.0	186.3	188.5	190.4	192.0	193.2
-60°	149.3	152.3	155.6	158.8	161.5	163.6	166.1	168.1	169.3	170.0	171.0
-62.5°	133.1	135.8	138.7	141.3	143.4	145.1	147.2	148.8	150.0	150.8	151.3
-65°	117.6	120.0	122.5	124.6	126.5	128.0	129.4	130.5	131.3	132.0	132.5
-67.5°	103.2	105.1	106.8	108.3	109.7	111.0	112.2	113.1	113.6	114.1	114.6
-70°	89.3	90.8	91.9	92.8	93.6	94.7	95.9	96.7	97.2	97.8	98.2
-72.5°	75.9	77.0	77.9	78.6	79.1	79.8	80.6	81.2	81.8	82.2	82.4
-75°	62.9	63.8	64.6	65.2	65.6	66.0	66.4	66.7	66.7	66.9	67.0
-77.5°	50.2	51.1	51.9	52.5	52.8	53.2	53.5	53.6	53.7	53.7	53.6
-80°	39.2	39.8	40.3	40.7	41.0	41.3	41.4	41.5	41.4	41.4	41.5
-82.5°	28.5	29.0	29.5	29.8	30.0	30.3	30.5	30.7	30.8	30.8	30.8
-85°	18.5	18.7	18.9	19.1	19.3	19.5	19.5	19.6	19.5	19.6	19.5
-87.5°	9.3	9.2	9.0	8.8	8.6	8.7	8.7	8.7	8.7	8.8	8.9
-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: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.3	5.8	5.4	5.8	6.3	6.1	6.0	5.9	5.7	6.1
85°	20.5	20.6	20.2	19.8	20.2	20.6	20.5	20.3	20.0	19.7	19.9
82.5°	39.0	39.0	38.7	38.3	38.7	39.0	39.0	39.0	38.8	38.5	38.8
80°	59.5	59.1	58.9	58.5	58.9	59.1	59.5	59.7	59.8	59.7	60.1
77.5°	83.3	82.9	83.6	84.2	83.6	82.9	83.3	83.5	83.5	83.5	85.2
75°	115.5	114.6	113.7	112.5	113.7	114.6	115.5	115.9	115.9	116.0	117.9
72.5°	152.9	152.2	151.5	150.3	151.5	152.2	152.9	153.1	152.7	153.0	156.0
70°	197.5	195.4	195.7	195.8	195.7	195.4	197.5	198.6	198.8	199.5	202.1
67.5°	253.5	251.6	251.8	251.6	251.8	251.6	253.5	254.3	254.0	254.7	256.8
65°	321.4	319.3	316.7	312.9	316.7	319.3	321.4	322.0	321.0	320.3	319.9
62.5°	394.2	392.3	393.4	394.3	393.4	392.3	394.2	394.4	392.9	392.7	391.5
60°	475.2	472.5	471.2	469.1	471.2	472.5	475.2	475.5	473.4	473.1	471.7
57.5°	575.1	574.6	573.4	570.3	573.4	574.6	575.1	572.8	567.9	566.7	562.5
55°	685.9	685.3	687.8	691.0	687.8	685.3	685.9	682.8	676.3	672.6	666.5
52.5°	806.0	808.0	807.3	803.1	807.3	808.0	806.0	800.2	792.4	786.3	775.2
50°	924.9	927.1	929.6	931.8	929.6	927.1	924.9	918.2	910.7	904.8	894.6
47.5°	1059.6	1065.6	1066.6	1062.4	1066.6	1065.6	1059.6	1048.4	1040.3	1031.1	1012.0
45°	1212.6	1216.3	1218.1	1221.7	1218.1	1216.3	1212.6	1200.7	1194.7	1185.2	1166.3
42.5°	1405.6	1409.8	1410.5	1414.4	1410.5	1409.8	1405.6	1390.2	1384.9	1366.8	1340.0
40°	1634.6	1641.4	1640.2	1638.5	1640.2	1641.4	1634.6	1617.5	1613.5	1595.7	1573.1
37.5°	1902.8	1914.3	1915.5	1922.6	1915.5	1914.3	1902.8	1884.9	1872.2	1838.2	1823.4
35°	2203.6	2217.2	2214.9	2218.3	2214.9	2217.2	2203.6	2184.7	2166.4	2135.8	2098.5
32.5°	2507.2	2527.5	2531.6	2548.7	2531.6	2527.5	2507.2	2480.0	2450.6	2410.3	2360.6
30°	2745.6	2774.1	2792.7	2791.4	2792.7	2774.1	2745.6	2709.4	2685.6	2617.3	2563.1
27.5°	2844.4	2881.4	2916.0	2926.4	2916.0	2881.4	2844.4	2799.9	2785.8	2688.4	2654.3
25°	2748.0	2775.0	2805.6	2822.0	2805.6	2775.0	2748.0	2717.2	2669.1	2606.5	2557.4
22.5°	2549.9	2567.5	2577.9	2569.4	2577.9	2567.5	2549.9	2529.2	2484.1	2435.5	2381.7
20°	2370.3	2392.5	2396.6	2405.6	2396.6	2392.5	2370.3	2343.7	2318.0	2276.3	2229.8
17.5°	2236.5	2251.1	2259.6	2261.5	2259.6	2251.1	2236.5	2211.5	2188.0	2150.5	2109.7
15°	2131.7	2143.3	2151.0	2154.4	2151.0	2143.3	2131.7	2111.5	2086.1	2053.8	2018.5
12.5°	2057.4	2071.6	2078.6	2082.8	2078.6	2071.6	2057.4	2040.2	2014.1	1988.8	1951.7
10°	2009.8	2023.5	2029.0	2031.1	2029.0	2023.5	2009.8	1993.3	1972.7	1944.3	1911.1
7.5°	1975.6	1984.4	1988.1	1991.0	1988.1	1984.4	1975.6	1962.5	1940.9	1911.5	1878.6
5°	1947.9	1954.9	1958.9	1963.1	1958.9	1954.9	1947.9	1932.5	1911.9	1885.6	1851.6
2.5°	1910.4	1920.4	1927.4	1931.6	1927.4	1920.4	1910.4	1896.4	1878.9	1853.9	1818.4
0°	1873.5	1883.0	1887.9	1896.0	1887.9	1883.0	1873.5	1859.6	1842.0	1817.2	1782.6
-2.5°	1833.0	1843.9	1856.9	1869.5	1856.9	1843.9	1833.0	1819.1	1803.8	1779.1	1745.9
-5°	1802.0	1816.4	1819.1	1827.2	1819.1	1816.4	1802.0	1784.2	1763.3	1736.5	1704.5
-7.5°	1755.1	1761.7	1772.9	1774.9	1772.9	1761.7	1755.1	1739.8	1714.1	1684.7	1650.7
-10°	1683.0	1693.7	1700.8	1707.9	1700.8	1693.7	1683.0	1666.8	1645.2	1616.4	1585.2
-12.5°	1598.3	1610.9	1622.1	1620.5	1622.1	1610.9	1598.3	1583.6	1564.1	1538.6	1507.2
-15°	1515.7	1527.9	1535.6	1534.6	1535.6	1527.9	1515.7	1497.5	1479.9	1455.2	1427.9
-17.5°	1433.8	1444.8	1456.0	1455.8	1456.0	1444.8	1433.8	1418.0	1398.2	1375.5	1346.9
-20°	1349.2	1358.6	1370.6	1375.7	1370.6	1358.6	1349.2	1335.5	1312.3	1287.6	1258.3



REPORT NUMBER: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1251.3	1263.5	1272.2	1277.5	1272.2	1263.5	1251.3	1233.9	1213.4	1184.3	1158.4
-25°	1137.2	1149.7	1156.4	1158.7	1156.4	1149.7	1137.2	1124.0	1104.0	1075.9	1048.9
-27.5°	1011.3	1025.2	1032.0	1028.6	1032.0	1025.2	1011.3	998.3	976.3	957.5	931.4
-30°	882.0	891.0	892.0	899.8	892.0	891.0	882.0	872.3	853.7	835.8	814.2
-32.5°	754.5	760.6	757.2	757.6	757.2	760.6	754.5	743.8	728.8	713.3	698.5
-35°	628.7	633.5	634.4	643.3	634.4	633.5	628.7	623.1	614.1	597.3	591.4
-37.5°	527.4	529.4	526.4	522.2	526.4	529.4	527.4	521.4	515.6	504.8	500.5
-40°	441.6	443.1	442.0	439.8	442.0	443.1	441.6	437.3	437.1	431.7	425.9
-42.5°	379.9	379.9	378.9	378.6	378.9	379.9	379.9	376.9	376.2	371.4	363.9
-45°	334.2	334.7	334.6	334.5	334.6	334.7	334.2	332.1	330.7	327.5	321.3
-47.5°	298.9	298.9	298.5	297.5	298.5	298.9	298.9	297.3	295.2	292.2	287.5
-50°	267.5	267.5	268.1	269.2	268.1	267.5	267.5	266.4	264.8	262.6	259.1
-52.5°	241.0	241.0	241.3	241.7	241.3	241.0	241.0	240.3	238.8	236.9	233.9
-55°	216.8	216.7	216.3	215.6	216.3	216.7	216.8	216.2	214.9	213.0	210.1
-57.5°	193.6	193.4	192.8	191.8	192.8	193.4	193.6	193.2	192.0	190.4	188.5
-60°	171.6	171.7	171.4	170.6	171.4	171.7	171.6	171.0	170.0	169.3	168.1
-62.5°	151.5	151.2	151.1	150.8	151.1	151.2	151.5	151.3	150.8	150.0	148.8
-65°	132.6	132.3	132.4	132.3	132.4	132.3	132.6	132.5	132.0	131.3	130.5
-67.5°	114.9	114.7	114.9	114.8	114.9	114.7	114.9	114.6	114.1	113.6	113.1
-70°	98.5	98.5	98.0	97.2	98.0	98.5	98.5	98.2	97.8	97.2	96.7
-72.5°	82.3	82.1	82.1	81.9	82.1	82.1	82.3	82.4	82.2	81.8	81.2
-75°	67.0	66.8	67.2	67.5	67.2	66.8	67.0	67.0	66.9	66.7	66.7
-77.5°	53.3	52.9	53.3	53.6	53.3	52.9	53.3	53.6	53.7	53.7	53.6
-80°	41.4	41.2	41.2	41.0	41.2	41.2	41.4	41.5	41.4	41.4	41.5
-82.5°	30.7	30.5	30.4	30.2	30.4	30.5	30.7	30.8	30.8	30.8	30.7
-85°	19.4	19.3	19.6	19.8	19.6	19.3	19.4	19.5	19.6	19.5	19.6
-87.5°	8.9	9.0	8.8	8.6	8.8	9.0	8.9	8.9	8.8	8.7	8.7
-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: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	6.4	6.7	7.0	7.0	7.1	7.1	7.0	7.0	6.9	6.8	6.7
85°	20.0	20.1	20.2	20.5	20.7	20.8	20.7	20.3	19.8	19.2	18.4
82.5°	38.8	38.8	38.6	39.0	39.2	39.1	38.9	38.1	37.1	35.9	34.4
80°	60.3	60.2	60.1	60.9	61.3	61.3	60.7	59.3	57.5	55.6	53.8
77.5°	86.4	87.0	87.3	88.1	88.3	87.8	86.5	84.4	82.6	80.2	77.0
75°	119.3	120.0	120.6	121.4	121.4	120.7	119.4	116.8	113.5	109.3	103.7
72.5°	158.1	159.0	159.3	159.3	158.5	157.6	155.6	152.2	147.8	142.4	135.0
70°	203.8	204.4	204.2	202.9	201.2	199.1	195.7	190.9	184.8	178.4	169.3
67.5°	257.6	256.9	255.0	252.5	249.8	245.7	240.3	233.5	226.4	218.4	206.2
65°	318.7	316.5	314.1	310.7	305.5	298.6	290.3	281.7	272.5	261.3	245.8
62.5°	387.6	380.7	378.4	375.0	368.5	359.0	348.8	337.7	324.0	308.0	292.5
60°	467.8	462.0	456.1	448.4	438.8	426.9	414.0	399.1	382.1	364.3	343.6
57.5°	554.4	546.6	540.6	530.3	515.5	501.5	485.3	464.8	444.5	423.8	399.0
55°	658.2	647.4	634.8	620.3	604.5	586.4	564.3	540.2	515.5	486.9	460.5
52.5°	759.9	750.4	735.8	715.1	696.5	677.5	651.5	623.4	595.3	565.8	528.7
50°	880.1	865.6	845.7	821.6	802.1	776.3	747.4	713.2	684.0	650.2	609.3
47.5°	1001.0	991.5	968.1	940.1	922.0	892.1	856.4	818.2	786.0	740.0	695.5
45°	1153.9	1136.7	1110.3	1086.3	1058.0	1024.8	979.2	942.7	899.6	849.4	784.9
42.5°	1333.0	1308.1	1274.0	1253.8	1219.8	1176.0	1125.4	1079.3	1025.6	966.9	892.8
40°	1550.2	1509.1	1474.4	1441.9	1403.2	1345.4	1289.3	1228.0	1163.7	1091.5	995.0
37.5°	1799.6	1756.1	1704.9	1651.1	1601.1	1535.2	1460.0	1387.9	1310.7	1202.0	1092.0
35°	2059.3	2009.6	1946.5	1881.3	1803.6	1711.2	1633.7	1548.6	1443.2	1302.2	1181.8
32.5°	2315.8	2234.1	2165.7	2095.4	1979.0	1865.0	1781.5	1705.9	1526.9	1381.4	1260.6
30°	2501.2	2397.9	2328.5	2232.2	2086.2	1982.3	1903.0	1746.0	1579.4	1436.7	1322.1
27.5°	2541.8	2465.3	2394.9	2250.3	2124.6	2032.8	1908.8	1748.7	1597.2	1462.9	1352.0
25°	2463.9	2394.0	2308.4	2188.2	2083.2	1988.9	1858.7	1713.7	1577.7	1459.3	1334.8
22.5°	2315.9	2252.1	2174.1	2080.3	1991.3	1895.0	1780.3	1654.7	1537.7	1426.8	1306.3
20°	2174.6	2117.1	2044.9	1970.5	1894.0	1802.7	1693.7	1591.1	1495.9	1388.5	1272.1
17.5°	2063.4	2004.1	1947.3	1882.8	1804.4	1711.2	1632.8	1548.2	1454.1	1347.5	1233.0
15°	1970.8	1926.1	1872.0	1804.1	1732.1	1665.7	1591.2	1504.6	1410.9	1303.2	1196.5
12.5°	1914.2	1866.4	1807.4	1754.2	1694.2	1624.8	1548.0	1459.7	1370.1	1279.9	1184.3
10°	1869.0	1823.7	1775.1	1719.1	1655.8	1583.8	1511.9	1435.2	1351.8	1263.1	1168.6
7.5°	1840.0	1793.3	1741.5	1686.9	1626.2	1561.4	1491.0	1414.7	1330.4	1242.0	1149.2
5°	1811.9	1765.4	1715.5	1663.1	1601.1	1536.5	1466.7	1390.2	1305.6	1216.4	1126.0
2.5°	1779.6	1735.6	1687.6	1635.2	1572.1	1507.7	1438.9	1361.4	1278.1	1192.3	1099.7
0°	1743.4	1702.9	1651.1	1598.5	1539.1	1476.0	1407.2	1327.9	1246.5	1165.4	1069.1
-2.5°	1709.0	1665.9	1618.1	1565.8	1508.9	1443.6	1375.2	1298.5	1215.3	1133.4	1039.2
-5°	1666.9	1625.0	1577.0	1522.4	1465.1	1400.7	1332.7	1258.6	1176.7	1095.8	1005.8
-7.5°	1612.8	1572.5	1527.2	1472.8	1414.3	1350.0	1281.2	1207.2	1127.5	1047.4	959.9
-10°	1547.8	1504.9	1458.9	1408.2	1353.4	1292.6	1224.6	1150.7	1074.0	994.2	910.1
-12.5°	1471.5	1430.8	1384.7	1335.1	1281.1	1221.6	1158.6	1088.2	1016.5	936.3	856.5
-15°	1390.4	1354.5	1309.1	1257.2	1202.0	1145.7	1085.9	1018.7	952.5	874.0	799.2
-17.5°	1312.6	1273.2	1228.4	1180.5	1125.1	1065.9	1008.1	946.5	882.4	810.9	742.4
-20°	1225.4	1185.5	1143.9	1097.8	1045.0	988.0	929.2	870.4	810.2	748.0	685.7



REPORT NUMBER: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1126.9	1091.9	1052.6	1009.0	957.4	903.9	849.9	794.4	737.5	684.0	628.1
-25°	1021.3	989.5	950.9	909.8	864.2	815.9	768.5	719.2	670.2	620.0	570.5
-27.5°	907.1	877.7	844.2	808.2	767.9	728.6	686.8	644.3	604.7	560.4	517.2
-30°	790.1	767.3	738.5	704.7	676.6	643.8	605.9	575.6	541.4	503.4	468.2
-32.5°	677.6	659.1	635.5	613.0	589.5	563.3	537.4	509.3	479.4	452.4	423.6
-35°	576.0	560.7	547.8	530.9	508.9	491.6	471.6	448.5	425.7	404.0	380.8
-37.5°	492.4	478.7	469.1	456.6	441.3	425.1	411.9	396.1	377.4	360.0	341.3
-40°	420.7	409.3	402.3	394.8	384.3	369.2	360.9	349.2	336.2	319.6	304.5
-42.5°	363.3	357.9	349.9	345.2	337.0	326.7	316.1	309.3	298.9	285.9	273.6
-45°	319.4	316.0	309.1	304.4	298.3	290.2	279.4	274.3	266.4	257.4	245.8
-47.5°	284.3	281.7	276.6	270.4	265.8	258.7	251.2	244.0	239.4	231.7	222.1
-50°	255.1	252.7	248.2	242.0	237.7	232.4	226.4	219.3	214.9	208.3	200.4
-52.5°	230.0	226.9	222.9	217.8	213.7	209.9	204.6	198.1	192.4	187.8	182.0
-55°	206.3	203.7	201.0	197.3	192.9	189.2	184.2	178.5	173.8	169.9	164.9
-57.5°	186.3	184.0	181.1	177.6	173.5	170.0	166.2	161.8	156.9	153.3	148.6
-60°	166.1	163.6	161.5	158.8	155.6	152.3	149.3	145.5	141.1	137.5	133.4
-62.5°	147.2	145.1	143.4	141.3	138.7	135.8	133.1	129.9	126.2	122.5	119.1
-65°	129.4	128.0	126.5	124.6	122.5	120.0	117.6	115.0	112.0	108.7	105.5
-67.5°	112.2	111.0	109.7	108.3	106.8	105.1	103.2	100.9	98.4	95.7	93.1
-70°	95.9	94.7	93.6	92.8	91.9	90.8	89.3	87.5	85.5	83.4	81.0
-72.5°	80.6	79.8	79.1	78.6	77.9	77.0	75.9	74.6	73.1	71.5	69.3
-75°	66.4	66.0	65.6	65.2	64.6	63.8	62.9	62.0	60.8	59.4	57.6
-77.5°	53.5	53.2	52.8	52.5	51.9	51.1	50.2	49.6	48.8	47.7	46.3
-80°	41.4	41.3	41.0	40.7	40.3	39.8	39.2	38.6	37.6	36.6	35.5
-82.5°	30.5	30.3	30.0	29.8	29.5	29.0	28.5	28.0	27.4	26.7	26.0
-85°	19.5	19.5	19.3	19.1	18.9	18.7	18.5	18.2	18.0	17.6	17.2
-87.5°	8.7	8.7	8.6	8.8	9.0	9.2	9.3	9.1	9.0	8.8	8.6
-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: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.4	6.2	6.0	5.8	5.7	5.4	5.2	4.7	4.2	3.8
85°	17.5	16.4	15.2	13.9	12.6	11.3	10.9	10.3	9.4	8.5	7.5
82.5°	32.6	31.0	29.4	27.5	25.5	23.4	21.1	18.7	15.8	13.0	11.3
80°	51.4	48.8	45.9	42.7	39.2	35.5	32.4	29.0	24.9	20.9	17.0
77.5°	72.9	68.4	63.6	59.5	55.2	50.5	45.5	39.9	33.9	28.7	23.7
75°	96.8	91.2	85.4	79.1	72.4	65.6	59.6	52.8	44.6	36.6	30.3
72.5°	126.5	117.8	108.8	99.5	91.5	83.3	74.7	65.4	55.8	46.4	37.3
70°	158.4	146.3	135.0	123.9	112.3	100.9	91.0	79.5	66.9	56.1	45.6
67.5°	192.3	179.1	164.8	149.0	135.1	121.6	107.7	93.7	79.6	65.6	53.7
65°	230.8	214.2	196.3	178.9	160.5	142.4	126.9	108.5	92.0	76.5	61.7
62.5°	273.1	251.4	231.9	210.2	188.6	167.2	145.4	124.7	104.6	87.2	70.5
60°	321.1	297.3	269.9	245.5	219.5	193.3	167.4	140.3	118.4	97.6	79.5
57.5°	373.8	345.9	316.6	284.4	253.8	222.9	189.4	158.3	131.8	109.0	88.2
55°	428.9	397.5	364.5	329.1	291.3	255.6	212.5	176.6	145.3	120.2	96.3
52.5°	490.7	453.1	415.0	375.1	333.5	287.4	238.1	193.9	160.5	130.9	104.9
50°	561.9	514.9	469.6	423.7	376.3	320.8	262.1	214.6	174.7	141.7	113.1
47.5°	643.0	586.0	529.8	474.8	422.3	351.8	288.5	234.3	187.9	153.3	120.7
45°	727.1	664.3	596.2	532.5	459.8	383.2	314.2	252.5	203.9	163.3	127.7
42.5°	811.5	743.5	670.4	590.7	498.1	413.0	337.6	272.9	218.7	172.6	135.1
40°	905.2	822.4	744.5	644.9	533.0	440.1	361.8	292.1	231.9	181.9	142.5
37.5°	994.5	903.1	817.3	686.2	565.0	467.8	383.8	309.2	244.0	191.9	149.2
35°	1077.9	981.2	854.1	719.8	596.7	491.2	403.3	325.3	256.9	200.8	155.2
32.5°	1154.0	1031.3	882.2	746.0	621.8	510.4	421.0	339.7	267.9	208.4	160.5
30°	1205.8	1050.0	901.6	765.0	640.6	528.9	435.5	351.6	277.1	214.8	165.4
27.5°	1208.6	1058.7	911.9	776.8	653.5	542.5	446.5	361.1	284.4	220.8	170.6
25°	1199.1	1054.9	913.4	781.2	660.3	553.7	454.9	368.2	291.1	226.7	174.7
22.5°	1177.0	1041.3	906.5	778.2	667.8	561.4	461.9	374.3	296.6	231.0	178.0
20°	1149.0	1019.2	895.0	781.1	671.6	566.3	467.1	378.3	300.1	234.0	180.3
17.5°	1114.7	1001.7	893.0	780.6	671.6	567.7	469.4	380.1	301.8	235.6	181.8
15°	1099.0	994.9	887.2	776.4	667.9	565.8	469.0	379.8	301.7	236.0	182.8
12.5°	1086.3	984.1	877.7	768.6	660.6	560.7	465.9	377.6	299.9	236.0	183.6
10°	1070.2	969.3	864.5	757.3	649.9	552.5	460.3	374.2	299.0	235.6	183.7
7.5°	1050.7	950.7	847.8	742.4	637.1	543.3	454.5	370.3	297.1	234.2	183.1
5°	1028.0	930.2	829.7	728.2	627.3	533.6	446.8	364.6	293.9	231.9	181.8
2.5°	1003.5	908.9	809.6	711.0	614.9	521.6	437.0	357.3	289.5	228.6	179.9
0°	975.0	884.1	786.0	690.5	600.0	507.3	425.4	348.4	284.0	224.6	177.4
-2.5°	950.0	856.8	760.6	668.3	578.3	490.2	412.7	339.5	277.9	220.6	174.8
-5°	921.0	826.0	732.2	643.3	554.3	471.3	398.5	329.4	270.8	216.0	171.7
-7.5°	878.3	788.3	699.8	615.2	528.3	451.0	383.0	318.3	262.8	210.7	168.1
-10°	830.2	745.7	663.2	583.4	503.1	430.8	366.6	306.4	254.1	204.8	164.0
-12.5°	779.3	700.8	624.6	550.1	477.0	411.0	350.9	294.6	244.8	198.3	159.6
-15°	726.1	653.9	584.2	515.6	450.1	390.2	334.4	282.6	235.6	191.7	154.8
-17.5°	671.9	605.6	542.4	480.4	422.7	368.5	317.4	270.0	225.9	185.1	150.0
-20°	622.5	560.4	499.9	444.7	395.0	346.3	300.0	256.9	215.8	178.2	145.2



REPORT NUMBER: P558562 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	573.2	518.7	464.0	411.6	367.9	323.5	282.3	243.3	205.3	170.9	140.0
-25°	524.1	477.3	429.1	384.0	341.6	302.4	265.3	229.5	194.6	163.4	134.5
-27.5°	477.8	436.9	394.0	356.5	318.6	281.6	248.8	216.4	184.2	155.7	128.7
-30°	433.7	398.3	362.5	329.5	295.8	263.4	232.4	203.2	174.7	148.2	122.6
-32.5°	392.9	360.2	332.4	304.4	274.9	245.4	217.1	190.2	165.2	140.8	116.9
-35°	355.0	327.7	303.2	280.2	254.7	229.1	203.1	177.3	155.6	133.1	111.4
-37.5°	319.0	298.8	277.9	257.4	234.6	213.1	189.9	166.6	146.2	125.3	105.6
-40°	289.3	272.1	254.6	235.8	216.8	197.4	176.7	156.5	136.9	117.2	99.8
-42.5°	261.0	247.6	232.6	214.9	200.3	183.0	163.7	146.2	128.0	110.0	94.0
-45°	235.8	224.5	211.7	198.4	184.5	168.6	152.2	135.8	119.1	103.2	88.3
-47.5°	212.1	203.7	193.3	182.2	169.4	154.8	140.6	126.0	110.2	96.4	82.8
-50°	192.2	184.9	176.6	166.5	154.5	142.2	129.2	116.1	102.6	89.7	77.3
-52.5°	174.9	167.9	160.4	151.2	141.0	129.6	118.7	106.5	95.0	83.2	71.6
-55°	158.6	151.8	144.9	137.0	127.8	118.3	108.3	97.9	87.2	76.7	66.0
-57.5°	143.2	136.6	130.7	123.6	115.9	107.6	98.6	89.2	79.7	70.2	60.9
-60°	128.4	123.0	117.2	111.4	104.7	97.1	89.1	80.7	72.4	63.7	55.8
-62.5°	114.8	110.0	105.2	99.9	93.7	86.9	79.6	72.5	64.9	57.9	50.7
-65°	102.1	98.1	93.5	88.5	82.9	76.9	70.8	64.3	58.2	52.0	45.5
-67.5°	89.9	86.2	81.8	77.2	72.7	67.7	62.0	56.8	51.5	46.0	40.3
-70°	78.1	74.5	70.8	67.2	63.2	58.6	54.1	49.5	44.9	40.3	35.1
-72.5°	66.6	63.8	60.8	57.6	54.1	50.3	46.3	42.3	38.7	34.5	29.9
-75°	55.5	53.3	50.9	48.3	45.3	42.1	38.9	35.7	32.5	28.8	25.3
-77.5°	44.7	43.0	41.2	39.3	37.0	34.5	31.9	29.1	26.5	23.8	20.9
-80°	34.6	33.6	32.3	30.9	29.0	27.0	25.1	23.1	21.0	18.8	16.5
-82.5°	25.3	24.5	23.7	22.7	21.4	20.0	18.6	17.2	15.6	13.8	12.1
-85°	16.7	16.1	15.4	14.7	13.9	13.0	12.3	11.4	10.3	9.2	8.1
-87.5°	8.3	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.2	4.6	4.1
-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°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
85°	6.5	5.5	4.5	3.4	2.3	1.1	0.0
82.5°	9.8	8.2	6.7	5.1	3.4	1.7	0.0
80°	13.3	11.0	8.9	6.7	4.5	2.2	0.0
77.5°	18.9	14.3	11.1	8.4	5.7	2.8	0.0
75°	24.4	18.8	13.5	10.1	6.8	3.3	0.0
72.5°	29.8	23.2	16.9	11.7	7.9	3.9	0.0
70°	35.4	27.5	20.2	13.5	8.9	4.4	0.0
67.5°	42.1	31.7	23.5	15.8	10.0	4.9	0.0
65°	48.7	36.4	26.7	18.2	11.0	5.4	0.0
62.5°	55.0	41.5	29.8	20.4	12.0	5.9	0.0
60°	61.1	46.4	32.8	22.7	13.0	6.4	0.0
57.5°	68.0	51.1	36.5	24.8	14.4	6.9	0.0
55°	74.7	55.6	40.0	26.9	15.8	7.3	0.0
52.5°	81.1	60.1	43.3	28.9	17.1	7.8	0.0
50°	87.1	64.9	46.5	30.8	18.3	8.2	0.0
47.5°	92.8	69.5	49.5	32.7	19.6	8.6	0.0
45°	98.7	73.8	52.4	34.8	20.7	9.0	0.0
42.5°	104.2	77.7	55.1	36.8	21.8	9.4	0.0
40°	109.2	81.4	57.8	38.7	22.9	9.8	0.0
37.5°	113.7	84.7	60.5	40.5	23.9	10.1	0.0
35°	117.7	88.0	62.9	42.2	24.8	10.4	0.0
32.5°	121.6	91.1	65.2	43.8	25.7	10.7	0.0
30°	125.7	93.8	67.2	45.2	26.5	11.0	0.0
27.5°	129.3	96.1	69.1	46.6	27.3	11.3	0.0
25°	132.3	98.1	70.7	47.8	28.0	11.5	0.0
22.5°	134.8	99.8	72.2	48.8	28.6	11.7	0.0
20°	136.7	101.5	73.4	49.8	29.2	11.9	0.0
17.5°	138.4	102.9	74.4	50.6	29.6	12.1	0.0
15°	139.8	104.0	75.1	51.3	30.1	12.2	0.0
12.5°	140.7	104.8	75.6	51.8	30.4	12.4	0.0
10°	141.0	105.3	75.9	52.3	30.7	12.5	0.0
7.5°	140.9	105.5	76.0	52.6	30.9	12.5	0.0
5°	140.3	105.4	76.0	52.7	31.0	12.6	0.0
2.5°	139.2	105.1	75.7	52.8	31.1	12.6	0.0
0°	137.7	104.4	75.2	52.7	31.1	12.6	0.0
-2.5°	136.1	103.4	74.8	52.5	31.0	12.6	0.0
-5°	134.2	102.2	74.3	52.1	30.9	12.6	0.0
-7.5°	131.9	100.7	73.6	51.6	30.7	12.6	0.0
-10°	129.2	98.9	72.7	51.0	30.4	12.5	0.0
-12.5°	126.3	97.0	71.7	50.3	30.0	12.4	0.0
-15°	123.0	94.9	70.5	49.5	29.6	12.3	0.0
-17.5°	119.5	92.5	69.1	48.6	29.2	12.2	0.0
-20°	115.8	90.0	67.6	47.5	28.7	12.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	112.1	87.4	65.9	46.4	28.1	11.9	0.0
-25°	108.2	84.8	64.1	45.2	27.4	11.7	0.0
-27.5°	104.1	82.0	62.2	43.9	26.7	11.5	0.0
-30°	99.8	79.1	60.1	42.5	26.0	11.2	0.0
-32.5°	95.3	76.0	58.0	41.0	25.2	10.9	0.0
-35°	91.1	72.7	55.7	39.4	24.4	10.6	0.0
-37.5°	87.0	69.5	53.3	37.8	23.5	10.3	0.0
-40°	82.7	66.4	50.8	36.1	22.5	10.0	0.0
-42.5°	78.3	63.1	48.4	34.3	21.6	9.6	0.0
-45°	73.7	59.8	45.9	32.5	20.6	9.3	0.0
-47.5°	69.1	56.4	43.4	30.6	19.5	8.9	0.0
-50°	64.8	52.8	40.8	28.9	18.4	8.4	0.0
-52.5°	60.5	49.2	38.1	27.2	17.3	8.0	0.0
-55°	56.2	45.8	35.3	25.5	16.2	7.6	0.0
-57.5°	51.8	42.2	32.5	23.7	15.0	7.1	0.0
-60°	47.3	38.6	29.6	21.9	13.8	6.6	0.0
-62.5°	43.0	34.9	27.1	20.1	12.8	6.1	0.0
-65°	38.5	31.2	24.6	18.2	11.7	5.6	0.0
-67.5°	34.1	27.7	22.1	16.2	10.6	5.1	0.0
-70°	29.5	24.5	19.5	14.3	9.5	4.5	0.0
-72.5°	25.6	21.3	16.9	12.5	8.4	4.0	0.0
-75°	21.8	18.1	14.2	10.8	7.2	3.4	0.0
-77.5°	17.9	14.8	11.9	9.0	6.0	2.9	0.0
-80°	14.0	11.7	9.5	7.2	4.8	2.3	0.0
-82.5°	10.5	8.8	7.1	5.4	3.6	1.7	0.0
-85°	7.0	5.9	4.8	3.6	2.4	1.2	0.0
-87.5°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)