

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: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1C-927-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

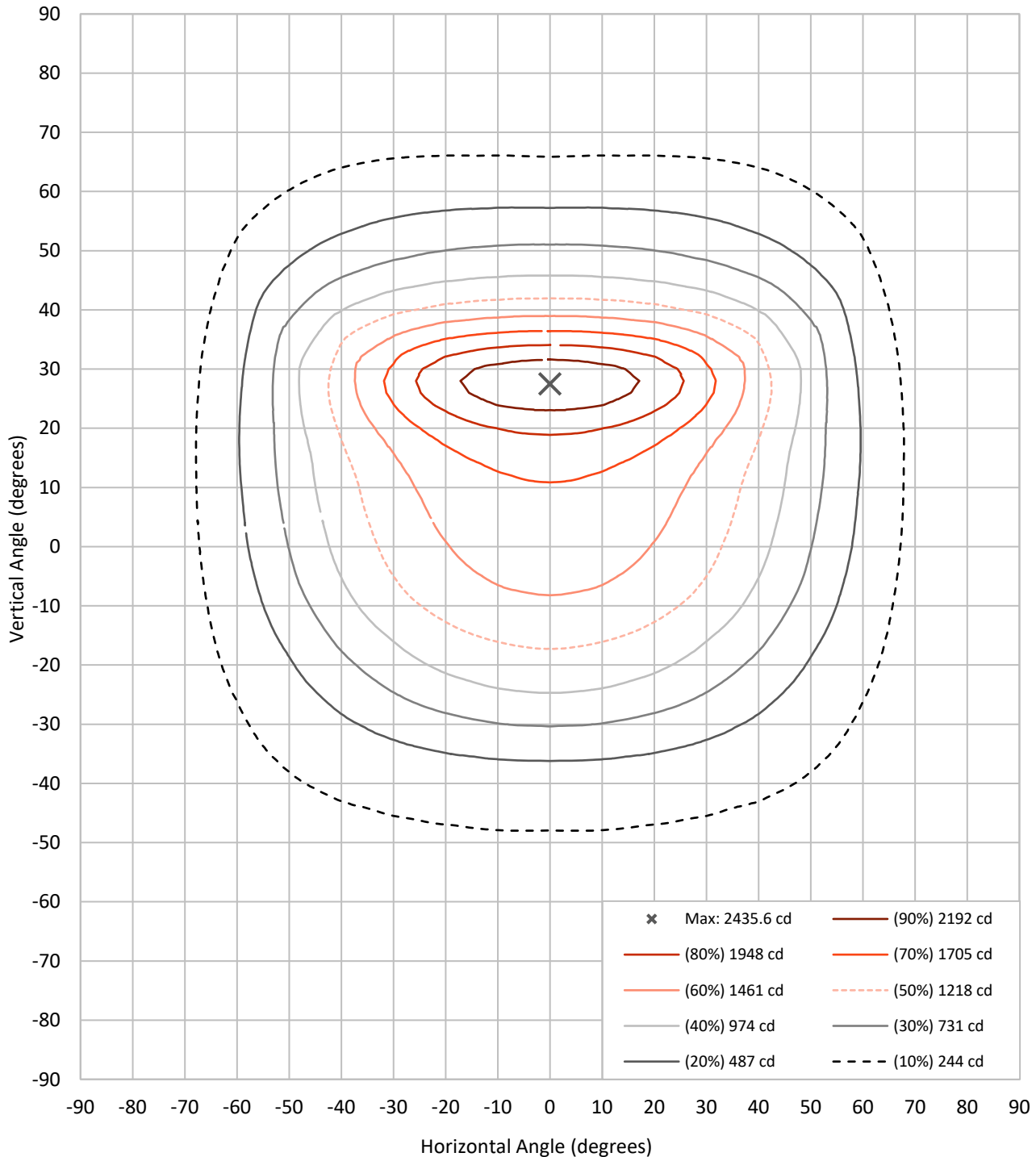
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	3550.7 lumens	Max Intensity:	2435.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	80.7 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:	1845.3 lumens	Field Lumens:	3284.7 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	44		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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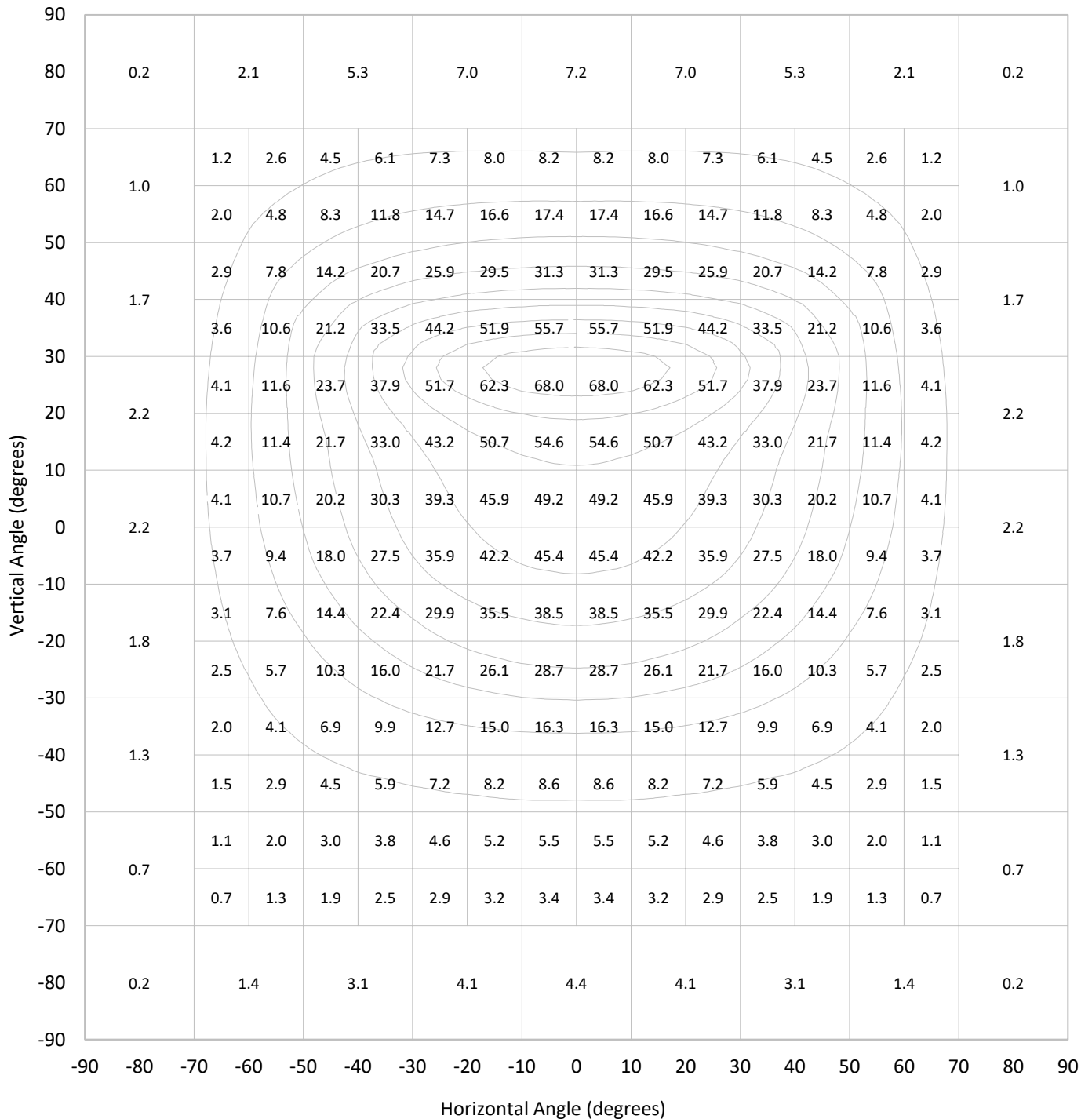
### Iso-Candela Plot





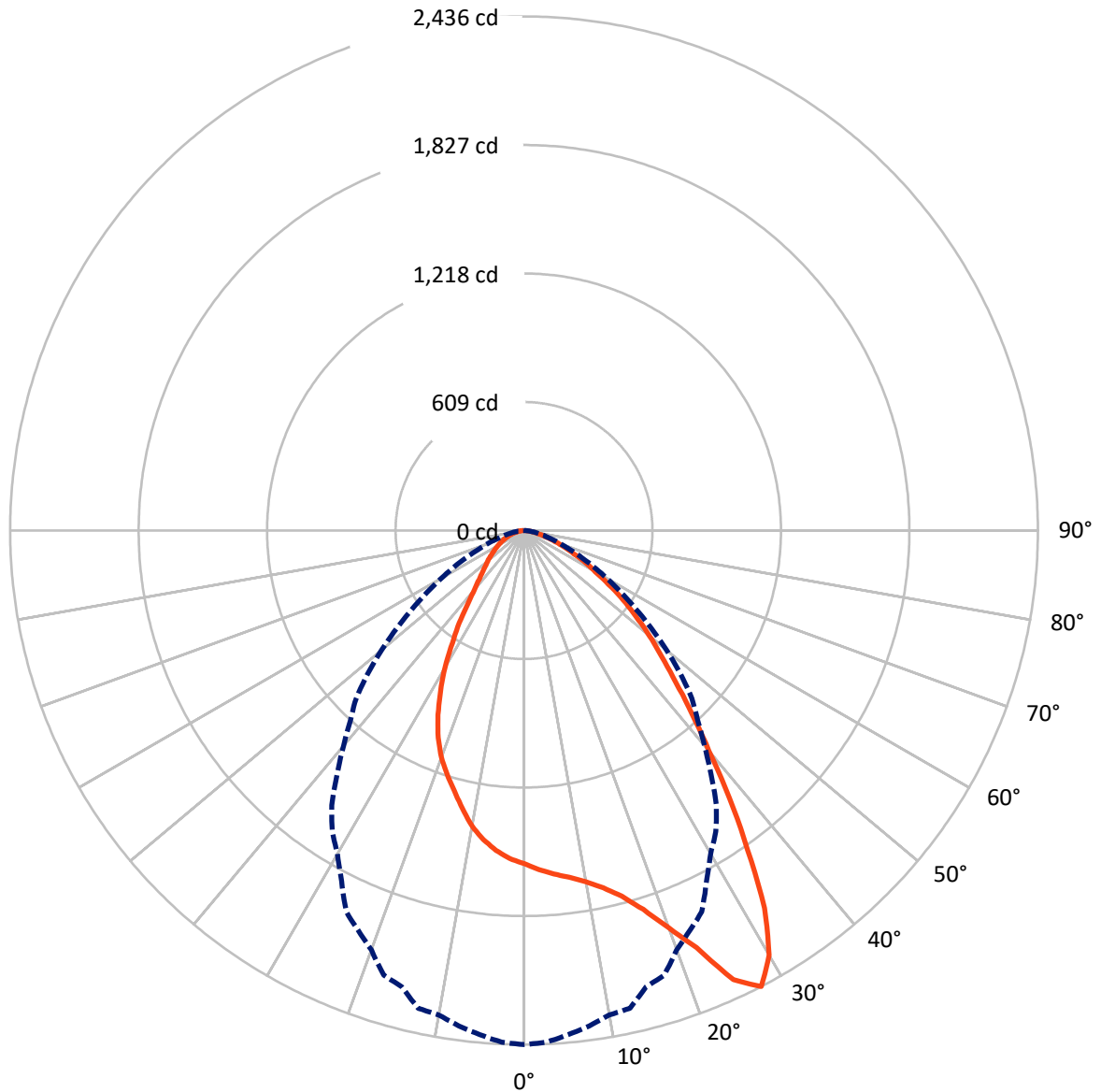
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### Lumen Table



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-927-U-WAF-XX

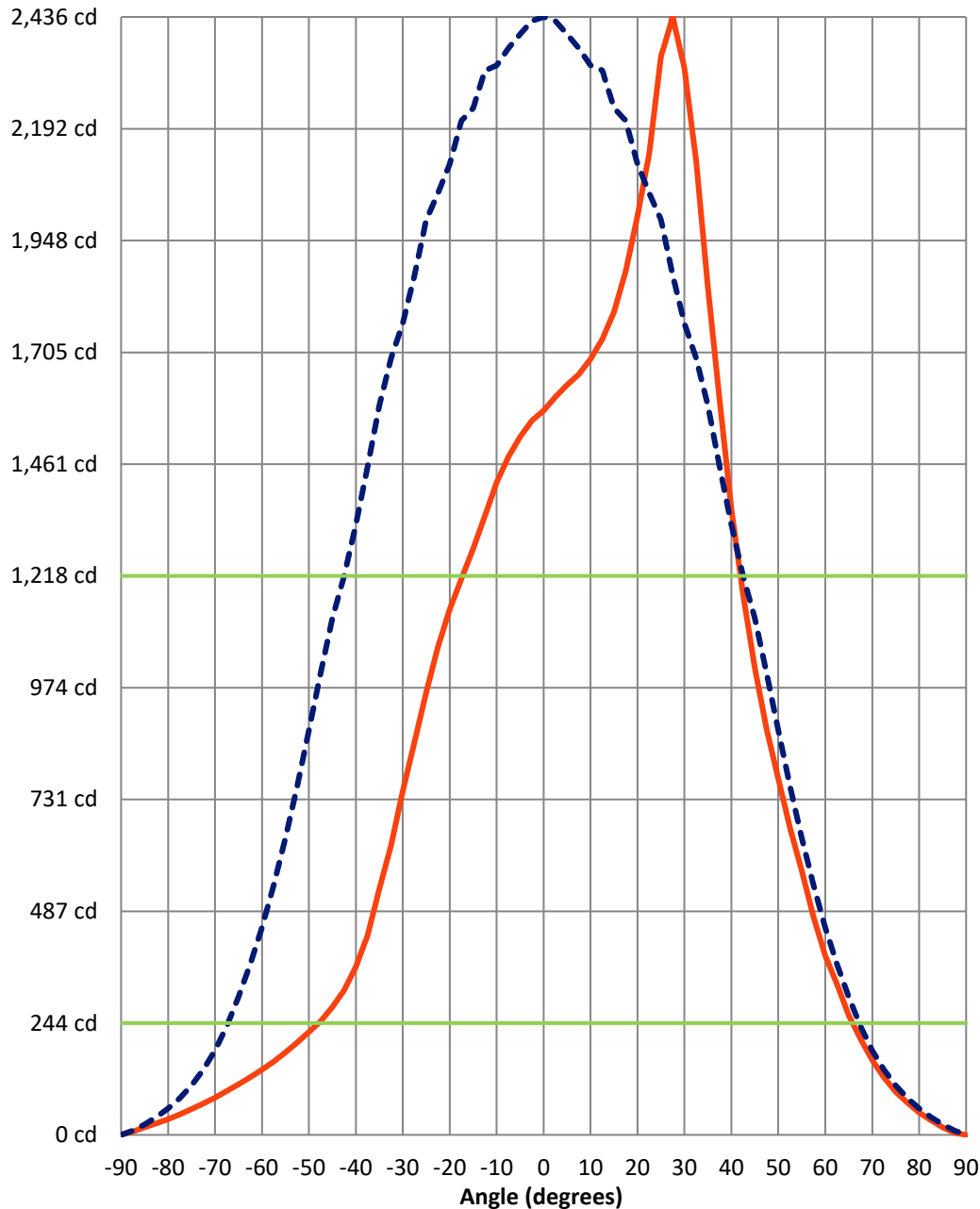
### Luminous Intensity Polar Plot



— 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: 1845.3  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 3284.7  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 266  
 Efficiency: 7.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.7	3.1	3.5	3.9	4.3
85°	0.0	0.9	1.9	2.8	3.7	4.6	5.4	6.2	7.0	7.8	8.5
82.5°	0.0	1.4	2.8	4.2	5.6	6.9	8.1	9.4	10.8	13.1	15.6
80°	0.0	1.9	3.8	5.6	7.4	9.1	11.1	14.1	17.3	20.7	24.1
77.5°	0.0	2.3	4.7	7.0	9.2	11.9	15.7	19.7	23.8	28.2	33.2
75°	0.0	2.8	5.6	8.4	11.2	15.6	20.3	25.1	30.4	37.1	43.9
72.5°	0.0	3.2	6.5	9.7	14.0	19.2	24.8	31.0	38.6	46.4	54.4
70°	0.0	3.7	7.4	11.2	16.8	22.8	29.3	37.9	46.6	55.6	66.1
67.5°	0.0	4.1	8.3	13.2	19.5	26.3	35.0	44.6	54.5	66.2	78.0
65°	0.0	4.5	9.2	15.1	22.2	30.2	40.4	51.3	63.7	76.6	90.3
62.5°	0.0	4.9	10.0	17.0	24.8	34.5	45.7	58.6	72.6	87.1	103.8
60°	0.0	5.3	10.8	18.8	27.3	38.6	50.8	66.2	81.3	98.6	116.8
57.5°	0.0	5.7	12.0	20.6	30.3	42.5	56.6	73.5	90.7	109.7	131.7
55°	0.0	6.1	13.1	22.3	33.2	46.3	62.2	80.2	100.1	121.0	147.0
52.5°	0.0	6.5	14.2	24.0	36.0	50.0	67.5	87.4	109.0	133.6	161.4
50°	0.0	6.8	15.3	25.6	38.7	54.0	72.5	94.2	118.0	145.4	178.6
47.5°	0.0	7.2	16.3	27.2	41.2	57.8	77.2	100.5	127.6	156.4	195.0
45°	0.0	7.5	17.2	28.9	43.6	61.4	82.2	106.3	136.0	169.7	210.1
42.5°	0.0	7.8	18.2	30.6	45.8	64.7	86.7	112.5	143.6	182.0	227.1
40°	0.0	8.1	19.0	32.2	48.1	67.7	90.9	118.6	151.4	193.0	243.1
37.5°	0.0	8.4	19.9	33.7	50.3	70.5	94.7	124.2	159.7	203.1	257.4
35°	0.0	8.7	20.7	35.1	52.4	73.2	98.0	129.2	167.1	213.8	270.8
32.5°	0.0	8.9	21.4	36.4	54.2	75.8	101.2	133.6	173.4	223.0	282.8
30°	0.0	9.2	22.1	37.6	55.9	78.0	104.7	137.7	178.8	230.7	292.7
27.5°	0.0	9.4	22.7	38.7	57.5	80.0	107.6	142.0	183.8	236.8	300.6
25°	0.0	9.6	23.3	39.7	58.9	81.6	110.2	145.4	188.6	242.4	306.5
22.5°	0.0	9.8	23.8	40.6	60.1	83.0	112.2	148.1	192.3	246.9	311.6
20°	0.0	9.9	24.3	41.4	61.1	84.5	113.8	150.1	194.8	249.8	314.8
17.5°	0.0	10.1	24.7	42.1	61.9	85.6	115.2	151.3	196.1	251.2	316.4
15°	0.0	10.2	25.0	42.7	62.5	86.5	116.4	152.2	196.4	251.1	316.2
12.5°	0.0	10.3	25.3	43.1	62.9	87.2	117.1	152.8	196.4	249.6	314.3
10°	0.0	10.4	25.6	43.5	63.2	87.6	117.4	152.8	196.1	248.9	311.4
7.5°	0.0	10.4	25.7	43.7	63.3	87.8	117.3	152.3	194.9	247.3	308.2
5°	0.0	10.5	25.8	43.8	63.2	87.8	116.7	151.3	193.0	244.6	303.5
2.5°	0.0	10.5	25.9	43.9	63.0	87.4	115.8	149.7	190.3	241.0	297.4
0°	0.0	10.5	25.9	43.8	62.6	86.9	114.6	147.6	186.9	236.4	290.0
-2.5°	0.0	10.5	25.8	43.6	62.3	86.1	113.3	145.4	183.6	231.3	282.6
-5°	0.0	10.5	25.7	43.3	61.8	85.0	111.7	142.8	179.7	225.4	274.2
-7.5°	0.0	10.5	25.5	42.9	61.2	83.8	109.7	139.8	175.3	218.8	264.9
-10°	0.0	10.4	25.3	42.4	60.5	82.3	107.5	136.5	170.4	211.5	255.0
-12.5°	0.0	10.4	25.0	41.8	59.6	80.7	105.1	132.8	165.1	203.7	245.2
-15°	0.0	10.3	24.7	41.2	58.6	78.9	102.4	128.8	159.6	196.1	235.2
-17.5°	0.0	10.2	24.3	40.4	57.5	77.0	99.4	124.8	154.1	188.0	224.7
-20°	0.0	10.0	23.8	39.5	56.2	74.9	96.3	120.8	148.3	179.6	213.8



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 CATALOG NUMBER: GFLD-SA1C-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	9.9	23.4	38.6	54.9	72.7	93.2	116.5	142.2	170.9	202.5
-25°	0.0	9.7	22.8	37.6	53.4	70.5	90.0	111.9	136.0	162.0	191.0
-27.5°	0.0	9.5	22.2	36.5	51.7	68.2	86.6	107.1	129.6	153.3	180.1
-30°	0.0	9.3	21.6	35.3	50.0	65.8	83.0	102.0	123.3	145.4	169.1
-32.5°	0.0	9.1	21.0	34.1	48.2	63.2	79.3	97.3	117.2	137.5	158.3
-35°	0.0	8.9	20.3	32.8	46.3	60.5	75.8	92.7	110.8	129.6	147.5
-37.5°	0.0	8.6	19.5	31.4	44.4	57.8	72.4	87.9	104.3	121.7	138.6
-40°	0.0	8.3	18.7	30.0	42.3	55.2	68.8	83.1	97.6	114.0	130.3
-42.5°	0.0	8.0	17.9	28.5	40.2	52.5	65.1	78.2	91.6	106.6	121.7
-45°	0.0	7.7	17.1	27.0	38.2	49.7	61.4	73.4	85.9	99.1	113.1
-47.5°	0.0	7.4	16.2	25.4	36.1	46.9	57.5	68.9	80.2	91.7	104.9
-50°	0.0	7.0	15.3	24.0	33.9	43.9	53.9	64.3	74.6	85.4	96.7
-52.5°	0.0	6.7	14.4	22.6	31.7	40.9	50.4	59.6	69.2	79.0	88.6
-55°	0.0	6.3	13.4	21.2	29.4	38.0	46.7	54.9	63.9	72.5	81.5
-57.5°	0.0	5.9	12.4	19.7	27.0	35.1	43.1	50.7	58.4	66.4	74.2
-60°	0.0	5.5	11.4	18.2	24.6	32.1	39.3	46.4	53.0	60.2	67.1
-62.5°	0.0	5.1	10.6	16.6	22.6	29.1	35.7	42.1	48.2	54.0	60.3
-65°	0.0	4.6	9.7	15.1	20.5	26.0	32.1	37.8	43.2	48.4	53.5
-67.5°	0.0	4.2	8.8	13.5	18.3	23.1	28.3	33.5	38.2	42.9	47.3
-70°	0.0	3.8	7.9	11.8	16.2	20.4	24.6	29.2	33.5	37.4	41.2
-72.5°	0.0	3.3	6.9	10.4	14.0	17.7	21.3	24.9	28.7	32.2	35.3
-75°	0.0	2.9	6.0	8.9	11.8	15.0	18.1	21.1	24.0	27.0	29.8
-77.5°	0.0	2.4	5.0	7.5	9.8	12.3	14.9	17.4	19.8	22.0	24.3
-80°	0.0	1.9	4.0	6.0	7.9	9.7	11.6	13.7	15.6	17.5	19.2
-82.5°	0.0	1.4	3.0	4.5	5.9	7.3	8.7	10.1	11.5	12.9	14.3
-85°	0.0	1.0	2.0	3.0	4.0	4.9	5.8	6.7	7.7	8.6	9.5
-87.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.8	4.3	4.7
-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: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	4.5	4.7	4.8	4.9	5.1	5.3	5.5	5.6	5.7	5.7	5.8
85°	9.0	9.4	10.5	11.5	12.6	13.7	14.6	15.4	16.0	16.5	16.9
82.5°	17.6	19.4	21.2	22.9	24.5	25.8	27.2	28.7	29.9	30.9	31.7
80°	26.9	29.5	32.7	35.6	38.2	40.6	42.8	44.8	46.3	47.9	49.4
77.5°	37.9	42.0	45.9	49.5	52.9	56.9	60.7	64.1	66.7	68.7	70.3
75°	49.6	54.5	60.2	65.8	71.1	75.9	80.6	86.3	90.9	94.4	97.2
72.5°	62.2	69.3	76.2	82.9	90.6	98.1	105.3	112.3	118.5	123.0	126.7
70°	75.8	84.0	93.5	103.2	112.4	121.8	131.8	140.9	148.5	153.8	158.9
67.5°	89.6	101.2	112.4	124.0	137.1	149.1	160.0	171.6	181.8	188.4	194.3
65°	105.6	118.5	133.6	148.9	163.3	178.2	192.1	204.6	217.5	226.8	234.4
62.5°	121.0	139.2	156.9	174.9	193.0	209.3	227.3	243.4	256.3	269.7	281.1
60°	139.3	160.9	182.7	204.4	224.7	247.5	267.3	286.0	303.2	318.1	332.1
57.5°	157.6	185.5	211.2	236.7	263.5	287.9	311.2	332.1	352.7	369.9	386.8
55°	176.9	212.7	242.4	273.9	303.4	330.9	357.0	383.3	405.2	429.0	449.6
52.5°	198.2	239.2	277.6	312.2	345.4	377.2	408.5	440.0	470.9	495.5	518.8
50°	218.1	267.0	313.2	352.6	390.8	428.6	467.6	507.1	541.1	569.2	593.5
47.5°	240.1	292.8	351.5	395.1	441.0	487.8	535.2	578.8	615.8	654.1	680.9
45°	261.5	319.0	382.6	443.2	496.3	552.8	605.1	653.2	706.9	748.7	784.6
42.5°	281.0	343.7	414.6	491.7	558.0	618.8	675.3	743.0	804.7	853.6	898.3
40°	301.1	366.2	443.7	536.8	619.6	684.5	753.3	828.1	908.4	968.5	1022.0
37.5°	319.5	389.3	470.3	571.1	680.3	751.6	827.7	908.9	1000.4	1090.8	1155.1
35°	335.7	408.8	496.6	599.1	710.8	816.6	897.1	983.6	1083.7	1201.1	1288.8
32.5°	350.5	424.8	517.5	620.9	734.3	858.3	960.5	1049.2	1149.7	1270.8	1419.8
30°	362.5	440.2	533.1	636.7	750.4	873.9	1003.6	1100.3	1195.7	1314.5	1453.2
27.5°	371.6	451.5	543.9	646.5	759.0	881.1	1005.9	1125.2	1217.6	1329.4	1455.5
25°	378.6	460.8	549.6	650.2	760.2	878.0	998.0	1110.9	1214.6	1313.2	1426.3
22.5°	384.4	467.2	555.8	647.7	754.5	866.6	979.5	1087.2	1187.6	1279.8	1377.2
20°	388.7	471.3	559.0	650.1	744.9	848.2	956.2	1058.7	1155.7	1245.0	1324.2
17.5°	390.7	472.5	559.0	649.6	743.2	833.7	927.7	1026.2	1121.5	1210.3	1288.5
15°	390.3	470.9	555.9	646.2	738.4	827.9	914.6	995.8	1084.6	1174.3	1252.3
12.5°	387.7	466.6	549.8	639.7	730.4	819.0	904.0	985.6	1065.2	1140.3	1214.9
10°	383.0	459.8	540.9	630.3	719.5	806.7	890.7	972.5	1051.3	1125.1	1194.5
7.5°	378.2	452.2	530.2	617.9	705.5	791.2	874.5	956.4	1033.7	1107.3	1177.4
5°	371.8	444.1	522.1	606.1	690.5	774.1	855.6	937.1	1012.3	1086.6	1157.0
2.5°	363.7	434.1	511.8	591.7	673.7	756.5	835.2	915.2	992.3	1063.7	1133.0
0°	354.0	422.2	499.4	574.7	654.1	735.8	811.5	889.8	970.0	1037.4	1105.2
-2.5°	343.5	408.0	481.3	556.2	633.0	713.1	790.7	864.9	943.3	1011.5	1080.7
-5°	331.7	392.3	461.3	535.4	609.3	687.4	766.5	837.1	912.0	979.4	1047.5
-7.5°	318.7	375.3	439.7	512.0	582.5	656.1	730.9	798.9	871.7	938.3	1004.7
-10°	305.1	358.6	418.7	485.6	552.0	620.6	690.9	757.4	827.5	893.8	957.7
-12.5°	292.0	342.1	397.0	457.8	519.8	583.2	648.6	712.8	779.3	846.0	905.6
-15°	278.4	324.7	374.6	429.1	486.2	544.3	604.3	665.1	727.4	792.7	847.8
-17.5°	264.2	306.7	351.8	399.8	451.5	504.0	559.2	617.9	674.9	734.4	787.7
-20°	249.7	288.2	328.8	370.1	416.0	466.4	518.1	570.7	622.5	674.3	724.4



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	235.0	269.2	306.2	342.6	386.2	431.7	477.0	522.7	569.2	613.8	661.2
-25°	220.8	251.6	284.3	319.6	357.1	397.2	436.2	474.8	516.0	557.8	598.6
-27.5°	207.1	234.3	265.1	296.7	327.9	363.6	397.7	430.4	466.4	503.2	536.2
-30°	193.4	219.2	246.2	274.2	301.7	331.5	361.0	389.7	419.0	450.5	479.1
-32.5°	180.7	204.3	228.8	253.4	276.7	299.8	327.0	352.5	376.5	399.0	423.9
-35°	169.0	190.7	212.0	233.2	252.4	272.7	295.5	317.0	336.2	354.3	373.3
-37.5°	158.1	177.3	195.3	214.2	231.3	248.7	265.5	284.0	299.6	314.1	329.7
-40°	147.0	164.3	180.5	196.3	211.9	226.5	240.8	253.4	265.9	279.8	290.6
-42.5°	136.2	152.2	166.7	178.9	193.6	206.1	217.2	227.7	238.0	248.8	257.4
-45°	126.7	140.3	153.5	165.1	176.2	186.9	196.3	204.5	214.3	221.8	228.3
-47.5°	117.0	128.8	140.9	151.7	160.9	169.6	176.6	184.9	192.8	199.3	203.1
-50°	107.6	118.3	128.5	138.6	147.0	153.9	160.0	166.8	173.4	178.9	182.5
-52.5°	98.8	107.8	117.3	125.8	133.5	139.8	145.5	151.4	156.3	160.1	164.8
-55°	90.2	98.5	106.4	114.0	120.6	126.4	132.0	137.2	141.4	144.6	148.6
-57.5°	82.0	89.6	96.5	102.9	108.8	113.7	119.2	123.7	127.5	130.6	134.6
-60°	74.1	80.8	87.1	92.7	97.6	102.4	106.9	111.0	114.4	117.4	121.1
-62.5°	66.3	72.3	78.0	83.1	87.5	91.6	95.6	99.1	101.9	105.0	108.1
-65°	58.9	64.0	69.0	73.6	77.8	81.6	85.0	87.8	90.5	93.2	95.7
-67.5°	51.6	56.3	60.5	64.2	68.1	71.8	74.8	77.5	79.7	82.0	84.1
-70°	45.0	48.8	52.6	55.9	58.9	61.9	64.9	67.4	69.4	71.2	72.9
-72.5°	38.6	41.9	45.1	48.0	50.6	53.1	55.4	57.6	59.5	60.9	62.1
-75°	32.4	35.0	37.7	40.3	42.5	44.4	46.2	47.9	49.4	50.6	51.6
-77.5°	26.6	28.8	30.8	32.8	34.3	35.9	37.3	38.6	39.7	40.6	41.3
-80°	20.9	22.4	24.1	25.7	26.9	27.9	28.8	29.6	30.5	31.3	32.1
-82.5°	15.5	16.7	17.8	18.8	19.7	20.4	21.0	21.6	22.2	22.8	23.3
-85°	10.2	10.8	11.5	12.2	12.8	13.4	13.9	14.3	14.6	14.9	15.2
-87.5°	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.1	7.3	7.5	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	5.8	5.8	5.8	5.8	5.8	5.6	5.3	5.0	4.7	4.9	5.0
85°	17.2	17.3	17.2	17.0	16.7	16.7	16.7	16.5	16.4	16.6	16.8
82.5°	32.4	32.6	32.6	32.5	32.1	32.3	32.3	32.2	32.0	32.3	32.4
80°	50.6	51.0	51.0	50.7	50.0	50.1	50.1	50.0	49.7	49.8	49.8
77.5°	72.0	73.1	73.5	73.3	72.6	72.4	71.9	70.9	69.5	69.5	69.5
75°	99.3	100.4	101.0	101.0	100.3	99.9	99.3	98.1	96.6	96.5	96.5
72.5°	129.5	131.1	131.9	132.6	132.6	132.3	131.5	129.8	127.3	127.1	127.4
70°	162.8	165.6	167.4	168.8	169.9	170.1	169.6	168.2	166.1	165.5	165.3
67.5°	200.0	204.5	207.9	210.2	212.3	213.8	214.4	213.8	212.0	211.4	211.7
65°	241.7	248.6	254.3	258.5	261.4	263.5	265.2	266.3	266.6	267.2	268.0
62.5°	290.3	298.8	306.7	312.1	314.9	316.9	322.6	325.9	326.9	327.1	328.3
60°	344.5	355.3	365.2	373.2	379.6	384.5	389.4	392.6	393.8	394.0	395.7
57.5°	403.9	417.4	429.0	441.4	450.0	454.9	461.4	468.1	471.6	472.6	476.7
55°	469.6	488.0	503.1	516.3	528.3	538.9	547.8	554.7	559.8	562.9	568.3
52.5°	542.2	563.9	579.6	595.2	612.4	624.5	632.5	645.2	654.5	659.5	666.0
50°	622.0	646.1	667.6	683.8	703.9	720.4	732.5	744.6	753.1	757.9	764.2
47.5°	712.8	742.5	767.4	782.5	805.7	825.2	833.1	842.2	858.2	865.8	872.6
45°	815.0	852.9	880.5	904.1	924.1	946.0	960.4	970.7	986.4	994.3	999.3
42.5°	936.6	978.7	1015.2	1043.5	1060.3	1088.7	1109.5	1115.3	1137.5	1152.6	1157.1
40°	1073.0	1119.7	1167.8	1200.1	1227.1	1256.0	1290.2	1309.3	1328.1	1342.9	1346.2
37.5°	1215.1	1277.7	1332.6	1374.2	1419.0	1461.5	1497.8	1517.6	1530.0	1558.2	1568.7
35°	1359.7	1424.2	1501.1	1565.7	1620.0	1672.6	1714.0	1746.5	1777.6	1803.0	1818.2
32.5°	1482.7	1552.2	1647.1	1743.9	1802.5	1859.5	1927.4	1964.7	2006.1	2039.6	2064.1
30°	1583.9	1649.9	1736.3	1857.8	1938.0	1995.7	2081.7	2133.3	2178.3	2235.1	2254.9
27.5°	1588.6	1691.8	1768.2	1872.9	1993.3	2051.8	2115.5	2209.1	2237.5	2318.6	2330.3
25°	1546.9	1655.3	1733.8	1821.2	1921.2	1992.5	2050.6	2128.5	2169.3	2221.4	2261.5
22.5°	1481.7	1577.2	1657.3	1731.4	1809.5	1874.4	1927.5	1982.3	2027.0	2067.4	2105.0
20°	1409.7	1500.4	1576.3	1640.0	1701.8	1762.0	1809.8	1855.8	1894.5	1929.2	1950.6
17.5°	1359.0	1424.2	1501.8	1567.0	1620.7	1667.9	1717.4	1755.8	1789.8	1821.0	1840.6
15°	1324.4	1386.3	1441.6	1501.5	1558.0	1603.0	1640.3	1680.0	1709.3	1736.2	1757.4
12.5°	1288.4	1352.3	1410.1	1460.0	1504.2	1553.4	1593.2	1624.4	1655.2	1676.3	1698.1
10°	1258.4	1318.1	1378.1	1430.8	1477.3	1517.8	1555.5	1590.6	1618.2	1641.9	1659.0
7.5°	1241.0	1299.5	1353.5	1404.0	1449.4	1492.5	1531.4	1563.5	1590.9	1615.4	1633.3
5°	1220.7	1278.7	1332.6	1384.2	1427.8	1469.3	1508.0	1541.0	1569.3	1591.2	1608.4
2.5°	1197.6	1254.8	1308.4	1361.0	1404.6	1444.6	1481.1	1513.4	1542.9	1563.7	1578.4
0°	1171.2	1228.5	1280.9	1330.4	1374.2	1417.3	1451.0	1483.6	1512.5	1533.1	1547.7
-2.5°	1144.5	1201.5	1255.8	1303.2	1346.7	1386.4	1422.4	1453.2	1480.7	1501.2	1514.1
-5°	1109.1	1165.7	1219.3	1267.1	1312.5	1352.5	1387.4	1418.7	1445.2	1467.6	1484.9
-7.5°	1066.3	1123.5	1177.0	1225.8	1271.0	1308.8	1342.3	1373.9	1402.2	1426.6	1448.0
-10°	1019.2	1075.8	1126.3	1172.0	1214.2	1252.6	1288.2	1319.4	1345.3	1369.2	1387.2
-12.5°	964.3	1016.8	1066.2	1111.2	1152.4	1190.8	1224.7	1254.4	1280.5	1301.7	1318.0
-15°	903.8	953.5	1000.4	1046.4	1089.5	1127.4	1157.2	1188.5	1211.1	1231.7	1246.3
-17.5°	839.0	887.1	936.4	982.5	1022.3	1059.7	1092.4	1121.0	1144.8	1163.7	1180.2
-20°	773.3	822.3	869.8	913.7	952.0	986.6	1019.8	1047.3	1071.6	1092.2	1111.6



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	707.4	752.3	796.8	839.8	876.1	908.8	937.8	964.1	985.6	1009.8	1026.9
-25°	639.6	679.0	719.2	757.2	791.4	823.6	850.0	873.0	895.4	918.8	935.4
-27.5°	571.6	606.4	639.0	672.7	702.7	730.5	755.0	775.1	796.9	812.5	830.8
-30°	504.3	535.9	563.1	586.5	614.7	638.6	657.6	677.6	695.6	710.6	726.0
-32.5°	447.2	468.9	490.6	510.2	528.9	548.6	563.9	581.4	593.7	606.6	619.0
-35°	392.5	409.1	423.5	441.8	455.9	466.6	479.4	492.2	497.2	511.1	518.6
-37.5°	342.9	353.8	367.3	380.0	390.4	398.5	409.9	416.6	420.1	429.1	434.0
-40°	300.4	307.3	319.9	328.6	334.8	340.7	350.1	354.5	359.4	363.8	364.0
-42.5°	263.1	271.9	280.5	287.3	291.2	297.8	302.3	302.8	309.1	313.1	313.7
-45°	232.5	241.5	248.3	253.3	257.2	262.9	265.8	267.4	272.5	275.2	276.4
-47.5°	209.0	215.4	221.2	225.1	230.3	234.5	236.6	239.3	243.2	245.7	247.5
-50°	188.4	193.4	197.9	201.4	206.6	210.3	212.4	215.7	218.6	220.4	221.8
-52.5°	170.3	174.7	177.8	181.2	185.5	188.9	191.5	194.7	197.1	198.7	200.0
-55°	153.3	157.4	160.4	164.2	167.3	169.5	171.7	174.9	177.3	178.9	180.0
-57.5°	138.3	141.4	144.4	147.8	150.7	153.1	155.1	156.9	158.4	159.8	160.8
-60°	124.3	126.8	129.5	132.2	134.4	136.1	138.2	139.8	140.9	141.5	142.4
-62.5°	110.8	113.1	115.5	117.6	119.3	120.8	122.5	123.8	124.8	125.5	126.0
-65°	97.9	99.9	101.9	103.7	105.3	106.5	107.7	108.6	109.3	109.9	110.3
-67.5°	85.9	87.5	88.9	90.1	91.3	92.4	93.4	94.1	94.5	94.9	95.4
-70°	74.3	75.6	76.5	77.3	77.9	78.8	79.8	80.5	80.9	81.4	81.8
-72.5°	63.1	64.0	64.8	65.5	65.8	66.4	67.1	67.6	68.1	68.4	68.6
-75°	52.4	53.1	53.8	54.3	54.6	55.0	55.3	55.5	55.5	55.7	55.8
-77.5°	41.9	42.6	43.2	43.6	43.9	44.2	44.5	44.7	44.7	44.7	44.6
-80°	32.7	33.2	33.6	33.9	34.1	34.3	34.4	34.5	34.4	34.5	34.5
-82.5°	23.7	24.2	24.5	24.8	25.0	25.2	25.4	25.5	25.6	25.6	25.6
-85°	15.3	15.6	15.8	15.9	16.1	16.2	16.3	16.3	16.3	16.3	16.2
-87.5°	7.7	7.6	7.5	7.3	7.2	7.2	7.2	7.2	7.2	7.3	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	5.1	5.2	4.8	4.5	4.8	5.2	5.1	5.0	4.9	4.7	5.0
85°	17.0	17.1	16.8	16.5	16.8	17.1	17.0	16.8	16.6	16.4	16.5
82.5°	32.5	32.4	32.2	31.8	32.2	32.4	32.5	32.4	32.3	32.0	32.2
80°	49.6	49.3	49.0	48.7	49.0	49.3	49.6	49.8	49.8	49.7	50.0
77.5°	69.3	69.0	69.6	70.1	69.6	69.0	69.3	69.5	69.5	69.5	70.9
75°	96.1	95.4	94.7	93.7	94.7	95.4	96.1	96.5	96.5	96.6	98.1
72.5°	127.2	126.7	126.1	125.1	126.1	126.7	127.2	127.4	127.1	127.3	129.8
70°	164.3	162.6	162.9	163.0	162.9	162.6	164.3	165.3	165.5	166.1	168.2
67.5°	211.0	209.5	209.6	209.4	209.6	209.5	211.0	211.7	211.4	212.0	213.8
65°	267.5	265.7	263.5	260.4	263.5	265.7	267.5	268.0	267.2	266.6	266.3
62.5°	328.1	326.6	327.5	328.2	327.5	326.6	328.1	328.3	327.1	326.9	325.9
60°	395.5	393.3	392.2	390.4	392.2	393.3	395.5	395.7	394.0	393.8	392.6
57.5°	478.6	478.2	477.2	474.7	477.2	478.2	478.6	476.7	472.6	471.6	468.1
55°	570.9	570.3	572.5	575.1	572.5	570.3	570.9	568.3	562.9	559.8	554.7
52.5°	670.8	672.5	671.9	668.4	671.9	672.5	670.8	666.0	659.5	654.5	645.2
50°	769.7	771.6	773.6	775.5	773.6	771.6	769.7	764.2	757.9	753.1	744.6
47.5°	881.9	886.9	887.7	884.2	887.7	886.9	881.9	872.6	865.8	858.2	842.2
45°	1009.2	1012.2	1013.8	1016.8	1013.8	1012.2	1009.2	999.3	994.3	986.4	970.7
42.5°	1169.9	1173.3	1173.9	1177.1	1173.9	1173.3	1169.9	1157.1	1152.6	1137.5	1115.3
40°	1360.5	1366.1	1365.2	1363.7	1365.2	1366.1	1360.5	1346.2	1342.9	1328.1	1309.3
37.5°	1583.6	1593.2	1594.2	1600.1	1594.2	1593.2	1583.6	1568.7	1558.2	1530.0	1517.6
35°	1834.0	1845.3	1843.4	1846.3	1843.4	1845.3	1834.0	1818.2	1803.0	1777.6	1746.5
32.5°	2086.7	2103.6	2107.0	2121.3	2107.0	2103.6	2086.7	2064.1	2039.6	2006.1	1964.7
30°	2285.1	2308.9	2324.4	2323.2	2324.4	2308.9	2285.1	2254.9	2235.1	2178.3	2133.3
27.5°	2367.3	2398.1	2426.9	2435.6	2426.9	2398.1	2367.3	2330.3	2318.6	2237.5	2209.1
25°	2287.1	2309.6	2335.1	2348.7	2335.1	2309.6	2287.1	2261.5	2221.4	2169.3	2128.5
22.5°	2122.3	2136.9	2145.6	2138.5	2145.6	2136.9	2122.3	2105.0	2067.4	2027.0	1982.3
20°	1972.7	1991.2	1994.7	2002.1	1994.7	1991.2	1972.7	1950.6	1929.2	1894.5	1855.8
17.5°	1861.4	1873.5	1880.6	1882.2	1880.6	1873.5	1861.4	1840.6	1821.0	1789.8	1755.8
15°	1774.2	1783.8	1790.2	1793.1	1790.2	1783.8	1774.2	1757.4	1736.2	1709.3	1680.0
12.5°	1712.3	1724.2	1730.0	1733.5	1730.0	1724.2	1712.3	1698.1	1676.3	1655.2	1624.4
10°	1672.7	1684.1	1688.7	1690.4	1688.7	1684.1	1672.7	1659.0	1641.9	1618.2	1590.6
7.5°	1644.2	1651.6	1654.7	1657.1	1654.7	1651.6	1644.2	1633.3	1615.4	1590.9	1563.5
5°	1621.2	1627.1	1630.4	1633.8	1630.4	1627.1	1621.2	1608.4	1591.2	1569.3	1541.0
2.5°	1590.0	1598.3	1604.1	1607.6	1604.1	1598.3	1590.0	1578.4	1563.7	1542.9	1513.4
0°	1559.3	1567.2	1571.3	1578.0	1571.3	1567.2	1559.3	1547.7	1533.1	1512.5	1483.6
-2.5°	1525.5	1534.7	1545.4	1555.9	1545.4	1534.7	1525.5	1514.1	1501.2	1480.7	1453.2
-5°	1499.7	1511.8	1514.0	1520.7	1514.0	1511.8	1499.7	1484.9	1467.6	1445.2	1418.7
-7.5°	1460.8	1466.2	1475.6	1477.2	1475.6	1466.2	1460.8	1448.0	1426.6	1402.2	1373.9
-10°	1400.8	1409.7	1415.5	1421.4	1415.5	1409.7	1400.8	1387.2	1369.2	1345.3	1319.4
-12.5°	1330.2	1340.7	1350.1	1348.7	1350.1	1340.7	1330.2	1318.0	1301.7	1280.5	1254.4
-15°	1261.5	1271.6	1278.1	1277.2	1278.1	1271.6	1261.5	1246.3	1231.7	1211.1	1188.5
-17.5°	1193.3	1202.5	1211.9	1211.6	1211.9	1202.5	1193.3	1180.2	1163.7	1144.8	1121.0
-20°	1122.9	1130.7	1140.8	1144.9	1140.8	1130.7	1122.9	1111.6	1092.2	1071.6	1047.3



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	1041.4	1051.6	1058.8	1063.3	1058.8	1051.6	1041.4	1026.9	1009.8	985.6	964.1
-25°	946.5	956.9	962.4	964.3	962.4	956.9	946.5	935.4	918.8	895.4	873.0
-27.5°	841.7	853.3	859.0	856.1	859.0	853.3	841.7	830.8	812.5	796.9	775.1
-30°	734.1	741.6	742.4	748.9	742.4	741.6	734.1	726.0	710.6	695.6	677.6
-32.5°	628.0	633.0	630.1	630.5	630.1	633.0	628.0	619.0	606.6	593.7	581.4
-35°	523.2	527.2	528.0	535.4	528.0	527.2	523.2	518.6	511.1	497.2	492.2
-37.5°	439.0	440.6	438.1	434.6	438.1	440.6	439.0	434.0	429.1	420.1	416.6
-40°	367.5	368.8	367.9	366.0	367.9	368.8	367.5	364.0	363.8	359.4	354.5
-42.5°	316.2	316.2	315.3	315.1	315.3	316.2	316.2	313.7	313.1	309.1	302.8
-45°	278.2	278.6	278.5	278.4	278.5	278.6	278.2	276.4	275.2	272.5	267.4
-47.5°	248.7	248.8	248.4	247.6	248.4	248.8	248.7	247.5	245.7	243.2	239.3
-50°	222.7	222.6	223.1	224.0	223.1	222.6	222.7	221.8	220.4	218.6	215.7
-52.5°	200.6	200.6	200.9	201.2	200.9	200.6	200.6	200.0	198.7	197.1	194.7
-55°	180.5	180.4	180.1	179.5	180.1	180.4	180.5	180.0	178.9	177.3	174.9
-57.5°	161.2	161.0	160.5	159.6	160.5	161.0	161.2	160.8	159.8	158.4	156.9
-60°	142.8	142.9	142.7	142.0	142.7	142.9	142.8	142.4	141.5	140.9	139.8
-62.5°	126.1	125.8	125.8	125.5	125.8	125.8	126.1	126.0	125.5	124.8	123.8
-65°	110.4	110.1	110.2	110.1	110.2	110.1	110.4	110.3	109.9	109.3	108.6
-67.5°	95.6	95.5	95.6	95.5	95.6	95.5	95.6	95.4	94.9	94.5	94.1
-70°	82.0	82.0	81.6	80.9	81.6	82.0	82.0	81.8	81.4	80.9	80.5
-72.5°	68.5	68.3	68.3	68.2	68.3	68.3	68.5	68.6	68.4	68.1	67.6
-75°	55.7	55.6	55.9	56.2	55.9	55.6	55.7	55.8	55.7	55.5	55.5
-77.5°	44.4	44.0	44.3	44.6	44.3	44.0	44.4	44.6	44.7	44.7	44.7
-80°	34.5	34.4	34.3	34.1	34.3	34.4	34.5	34.5	34.5	34.4	34.5
-82.5°	25.5	25.4	25.3	25.1	25.3	25.4	25.5	25.6	25.6	25.6	25.5
-85°	16.2	16.0	16.3	16.5	16.3	16.0	16.2	16.2	16.3	16.3	16.3
-87.5°	7.4	7.5	7.3	7.1	7.3	7.5	7.4	7.4	7.3	7.2	7.2
-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: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	5.3	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6
85°	16.7	16.7	16.7	17.0	17.2	17.3	17.2	16.9	16.5	16.0	15.4
82.5°	32.3	32.3	32.1	32.5	32.6	32.6	32.4	31.7	30.9	29.9	28.7
80°	50.1	50.1	50.0	50.7	51.0	51.0	50.6	49.4	47.9	46.3	44.8
77.5°	71.9	72.4	72.6	73.3	73.5	73.1	72.0	70.3	68.7	66.7	64.1
75°	99.3	99.9	100.3	101.0	101.0	100.4	99.3	97.2	94.4	90.9	86.3
72.5°	131.5	132.3	132.6	132.6	131.9	131.1	129.5	126.7	123.0	118.5	112.3
70°	169.6	170.1	169.9	168.8	167.4	165.6	162.8	158.9	153.8	148.5	140.9
67.5°	214.4	213.8	212.3	210.2	207.9	204.5	200.0	194.3	188.4	181.8	171.6
65°	265.2	263.5	261.4	258.5	254.3	248.6	241.7	234.4	226.8	217.5	204.6
62.5°	322.6	316.9	314.9	312.1	306.7	298.8	290.3	281.1	269.7	256.3	243.4
60°	389.4	384.5	379.6	373.2	365.2	355.3	344.5	332.1	318.1	303.2	286.0
57.5°	461.4	454.9	450.0	441.4	429.0	417.4	403.9	386.8	369.9	352.7	332.1
55°	547.8	538.9	528.3	516.3	503.1	488.0	469.6	449.6	429.0	405.2	383.3
52.5°	632.5	624.5	612.4	595.2	579.6	563.9	542.2	518.8	495.5	470.9	440.0
50°	732.5	720.4	703.9	683.8	667.6	646.1	622.0	593.5	569.2	541.1	507.1
47.5°	833.1	825.2	805.7	782.5	767.4	742.5	712.8	680.9	654.1	615.8	578.8
45°	960.4	946.0	924.1	904.1	880.5	852.9	815.0	784.6	748.7	706.9	653.2
42.5°	1109.5	1088.7	1060.3	1043.5	1015.2	978.7	936.6	898.3	853.6	804.7	743.0
40°	1290.2	1256.0	1227.1	1200.1	1167.8	1119.7	1073.0	1022.0	968.5	908.4	828.1
37.5°	1497.8	1461.5	1419.0	1374.2	1332.6	1277.7	1215.1	1155.1	1090.8	1000.4	908.9
35°	1714.0	1672.6	1620.0	1565.7	1501.1	1424.2	1359.7	1288.8	1201.1	1083.7	983.6
32.5°	1927.4	1859.5	1802.5	1743.9	1647.1	1552.2	1482.7	1419.8	1270.8	1149.7	1049.2
30°	2081.7	1995.7	1938.0	1857.8	1736.3	1649.9	1583.9	1453.2	1314.5	1195.7	1100.3
27.5°	2115.5	2051.8	1993.3	1872.9	1768.2	1691.8	1588.6	1455.5	1329.4	1217.6	1125.2
25°	2050.6	1992.5	1921.2	1821.2	1733.8	1655.3	1546.9	1426.3	1313.2	1214.6	1110.9
22.5°	1927.5	1874.4	1809.5	1731.4	1657.3	1577.2	1481.7	1377.2	1279.8	1187.6	1087.2
20°	1809.8	1762.0	1701.8	1640.0	1576.3	1500.4	1409.7	1324.2	1245.0	1155.7	1058.7
17.5°	1717.4	1667.9	1620.7	1567.0	1501.8	1424.2	1359.0	1288.5	1210.3	1121.5	1026.2
15°	1640.3	1603.0	1558.0	1501.5	1441.6	1386.3	1324.4	1252.3	1174.3	1084.6	995.8
12.5°	1593.2	1553.4	1504.2	1460.0	1410.1	1352.3	1288.4	1214.9	1140.3	1065.2	985.6
10°	1555.5	1517.8	1477.3	1430.8	1378.1	1318.1	1258.4	1194.5	1125.1	1051.3	972.5
7.5°	1531.4	1492.5	1449.4	1404.0	1353.5	1299.5	1241.0	1177.4	1107.3	1033.7	956.4
5°	1508.0	1469.3	1427.8	1384.2	1332.6	1278.7	1220.7	1157.0	1086.6	1012.3	937.1
2.5°	1481.1	1444.6	1404.6	1361.0	1308.4	1254.8	1197.6	1133.0	1063.7	992.3	915.2
0°	1451.0	1417.3	1374.2	1330.4	1280.9	1228.5	1171.2	1105.2	1037.4	970.0	889.8
-2.5°	1422.4	1386.4	1346.7	1303.2	1255.8	1201.5	1144.5	1080.7	1011.5	943.3	864.9
-5°	1387.4	1352.5	1312.5	1267.1	1219.3	1165.7	1109.1	1047.5	979.4	912.0	837.1
-7.5°	1342.3	1308.8	1271.0	1225.8	1177.0	1123.5	1066.3	1004.7	938.3	871.7	798.9
-10°	1288.2	1252.6	1214.2	1172.0	1126.3	1075.8	1019.2	957.7	893.8	827.5	757.4
-12.5°	1224.7	1190.8	1152.4	1111.2	1066.2	1016.8	964.3	905.6	846.0	779.3	712.8
-15°	1157.2	1127.4	1089.5	1046.4	1000.4	953.5	903.8	847.8	792.7	727.4	665.1
-17.5°	1092.4	1059.7	1022.3	982.5	936.4	887.1	839.0	787.7	734.4	674.9	617.9
-20°	1019.8	986.6	952.0	913.7	869.8	822.3	773.3	724.4	674.3	622.5	570.7



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	937.8	908.8	876.1	839.8	796.8	752.3	707.4	661.2	613.8	569.2	522.7
-25°	850.0	823.6	791.4	757.2	719.2	679.0	639.6	598.6	557.8	516.0	474.8
-27.5°	755.0	730.5	702.7	672.7	639.0	606.4	571.6	536.2	503.2	466.4	430.4
-30°	657.6	638.6	614.7	586.5	563.1	535.9	504.3	479.1	450.5	419.0	389.7
-32.5°	563.9	548.6	528.9	510.2	490.6	468.9	447.2	423.9	399.0	376.5	352.5
-35°	479.4	466.6	455.9	441.8	423.5	409.1	392.5	373.3	354.3	336.2	317.0
-37.5°	409.9	398.5	390.4	380.0	367.3	353.8	342.9	329.7	314.1	299.6	284.0
-40°	350.1	340.7	334.8	328.6	319.9	307.3	300.4	290.6	279.8	265.9	253.4
-42.5°	302.3	297.8	291.2	287.3	280.5	271.9	263.1	257.4	248.8	238.0	227.7
-45°	265.8	262.9	257.2	253.3	248.3	241.5	232.5	228.3	221.8	214.3	204.5
-47.5°	236.6	234.5	230.3	225.1	221.2	215.4	209.0	203.1	199.3	192.8	184.9
-50°	212.4	210.3	206.6	201.4	197.9	193.4	188.4	182.5	178.9	173.4	166.8
-52.5°	191.5	188.9	185.5	181.2	177.8	174.7	170.3	164.8	160.1	156.3	151.4
-55°	171.7	169.5	167.3	164.2	160.4	157.4	153.3	148.6	144.6	141.4	137.2
-57.5°	155.1	153.1	150.7	147.8	144.4	141.4	138.3	134.6	130.6	127.5	123.7
-60°	138.2	136.1	134.4	132.2	129.5	126.8	124.3	121.1	117.4	114.4	111.0
-62.5°	122.5	120.8	119.3	117.6	115.5	113.1	110.8	108.1	105.0	101.9	99.1
-65°	107.7	106.5	105.3	103.7	101.9	99.9	97.9	95.7	93.2	90.5	87.8
-67.5°	93.4	92.4	91.3	90.1	88.9	87.5	85.9	84.1	82.0	79.7	77.5
-70°	79.8	78.8	77.9	77.3	76.5	75.6	74.3	72.9	71.2	69.4	67.4
-72.5°	67.1	66.4	65.8	65.5	64.8	64.0	63.1	62.1	60.9	59.5	57.6
-75°	55.3	55.0	54.6	54.3	53.8	53.1	52.4	51.6	50.6	49.4	47.9
-77.5°	44.5	44.2	43.9	43.6	43.2	42.6	41.9	41.3	40.6	39.7	38.6
-80°	34.4	34.3	34.1	33.9	33.6	33.2	32.7	32.1	31.3	30.5	29.6
-82.5°	25.4	25.2	25.0	24.8	24.5	24.2	23.7	23.3	22.8	22.2	21.6
-85°	16.3	16.2	16.1	15.9	15.8	15.6	15.3	15.2	14.9	14.6	14.3
-87.5°	7.2	7.2	7.2	7.3	7.5	7.6	7.7	7.6	7.5	7.3	7.1
-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: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	5.5	5.3	5.1	4.9	4.8	4.7	4.5	4.3	3.9	3.5	3.1
85°	14.6	13.7	12.6	11.5	10.5	9.4	9.0	8.5	7.8	7.0	6.2
82.5°	27.2	25.8	24.5	22.9	21.2	19.4	17.6	15.6	13.1	10.8	9.4
80°	42.8	40.6	38.2	35.6	32.7	29.5	26.9	24.1	20.7	17.3	14.1
77.5°	60.7	56.9	52.9	49.5	45.9	42.0	37.9	33.2	28.2	23.8	19.7
75°	80.6	75.9	71.1	65.8	60.2	54.5	49.6	43.9	37.1	30.4	25.1
72.5°	105.3	98.1	90.6	82.9	76.2	69.3	62.2	54.4	46.4	38.6	31.0
70°	131.8	121.8	112.4	103.2	93.5	84.0	75.8	66.1	55.6	46.6	37.9
67.5°	160.0	149.1	137.1	124.0	112.4	101.2	89.6	78.0	66.2	54.5	44.6
65°	192.1	178.2	163.3	148.9	133.6	118.5	105.6	90.3	76.6	63.7	51.3
62.5°	227.3	209.3	193.0	174.9	156.9	139.2	121.0	103.8	87.1	72.6	58.6
60°	267.3	247.5	224.7	204.4	182.7	160.9	139.3	116.8	98.6	81.3	66.2
57.5°	311.2	287.9	263.5	236.7	211.2	185.5	157.6	131.7	109.7	90.7	73.5
55°	357.0	330.9	303.4	273.9	242.4	212.7	176.9	147.0	121.0	100.1	80.2
52.5°	408.5	377.2	345.4	312.2	277.6	239.2	198.2	161.4	133.6	109.0	87.4
50°	467.6	428.6	390.8	352.6	313.2	267.0	218.1	178.6	145.4	118.0	94.2
47.5°	535.2	487.8	441.0	395.1	351.5	292.8	240.1	195.0	156.4	127.6	100.5
45°	605.1	552.8	496.3	443.2	382.6	319.0	261.5	210.1	169.7	136.0	106.3
42.5°	675.3	618.8	558.0	491.7	414.6	343.7	281.0	227.1	182.0	143.6	112.5
40°	753.3	684.5	619.6	536.8	443.7	366.2	301.1	243.1	193.0	151.4	118.6
37.5°	827.7	751.6	680.3	571.1	470.3	389.3	319.5	257.4	203.1	159.7	124.2
35°	897.1	816.6	710.8	599.1	496.6	408.8	335.7	270.8	213.8	167.1	129.2
32.5°	960.5	858.3	734.3	620.9	517.5	424.8	350.5	282.8	223.0	173.4	133.6
30°	1003.6	873.9	750.4	636.7	533.1	440.2	362.5	292.7	230.7	178.8	137.7
27.5°	1005.9	881.1	759.0	646.5	543.9	451.5	371.6	300.6	236.8	183.8	142.0
25°	998.0	878.0	760.2	650.2	549.6	460.8	378.6	306.5	242.4	188.6	145.4
22.5°	979.5	866.6	754.5	647.7	555.8	467.2	384.4	311.6	246.9	192.3	148.1
20°	956.2	848.2	744.9	650.1	559.0	471.3	388.7	314.8	249.8	194.8	150.1
17.5°	927.7	833.7	743.2	649.6	559.0	472.5	390.7	316.4	251.2	196.1	151.3
15°	914.6	827.9	738.4	646.2	555.9	470.9	390.3	316.2	251.1	196.4	152.2
12.5°	904.0	819.0	730.4	639.7	549.8	466.6	387.7	314.3	249.6	196.4	152.8
10°	890.7	806.7	719.5	630.3	540.9	459.8	383.0	311.4	248.9	196.1	152.8
7.5°	874.5	791.2	705.5	617.9	530.2	452.2	378.2	308.2	247.3	194.9	152.3
5°	855.6	774.1	690.5	606.1	522.1	444.1	371.8	303.5	244.6	193.0	151.3
2.5°	835.2	756.5	673.7	591.7	511.8	434.1	363.7	297.4	241.0	190.3	149.7
0°	811.5	735.8	654.1	574.7	499.4	422.2	354.0	290.0	236.4	186.9	147.6
-2.5°	790.7	713.1	633.0	556.2	481.3	408.0	343.5	282.6	231.3	183.6	145.4
-5°	766.5	687.4	609.3	535.4	461.3	392.3	331.7	274.2	225.4	179.7	142.8
-7.5°	730.9	656.1	582.5	512.0	439.7	375.3	318.7	264.9	218.8	175.3	139.8
-10°	690.9	620.6	552.0	485.6	418.7	358.6	305.1	255.0	211.5	170.4	136.5
-12.5°	648.6	583.2	519.8	457.8	397.0	342.1	292.0	245.2	203.7	165.1	132.8
-15°	604.3	544.3	486.2	429.1	374.6	324.7	278.4	235.2	196.1	159.6	128.8
-17.5°	559.2	504.0	451.5	399.8	351.8	306.7	264.2	224.7	188.0	154.1	124.8
-20°	518.1	466.4	416.0	370.1	328.8	288.2	249.7	213.8	179.6	148.3	120.8



REPORT NUMBER: P558530 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-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°	477.0	431.7	386.2	342.6	306.2	269.2	235.0	202.5	170.9	142.2	116.5
-25°	436.2	397.2	357.1	319.6	284.3	251.6	220.8	191.0	162.0	136.0	111.9
-27.5°	397.7	363.6	327.9	296.7	265.1	234.3	207.1	180.1	153.3	129.6	107.1
-30°	361.0	331.5	301.7	274.2	246.2	219.2	193.4	169.1	145.4	123.3	102.0
-32.5°	327.0	299.8	276.7	253.4	228.8	204.3	180.7	158.3	137.5	117.2	97.3
-35°	295.5	272.7	252.4	233.2	212.0	190.7	169.0	147.5	129.6	110.8	92.7
-37.5°	265.5	248.7	231.3	214.2	195.3	177.3	158.1	138.6	121.7	104.3	87.9
-40°	240.8	226.5	211.9	196.3	180.5	164.3	147.0	130.3	114.0	97.6	83.1
-42.5°	217.2	206.1	193.6	178.9	166.7	152.2	136.2	121.7	106.6	91.6	78.2
-45°	196.3	186.9	176.2	165.1	153.5	140.3	126.7	113.1	99.1	85.9	73.4
-47.5°	176.6	169.6	160.9	151.7	140.9	128.8	117.0	104.9	91.7	80.2	68.9
-50°	160.0	153.9	147.0	138.6	128.5	118.3	107.6	96.7	85.4	74.6	64.3
-52.5°	145.5	139.8	133.5	125.8	117.3	107.8	98.8	88.6	79.0	69.2	59.6
-55°	132.0	126.4	120.6	114.0	106.4	98.5	90.2	81.5	72.5	63.9	54.9
-57.5°	119.2	113.7	108.8	102.9	96.5	89.6	82.0	74.2	66.4	58.4	50.7
-60°	106.9	102.4	97.6	92.7	87.1	80.8	74.1	67.1	60.2	53.0	46.4
-62.5°	95.6	91.6	87.5	83.1	78.0	72.3	66.3	60.3	54.0	48.2	42.1
-65°	85.0	81.6	77.8	73.6	69.0	64.0	58.9	53.5	48.4	43.2	37.8
-67.5°	74.8	71.8	68.1	64.2	60.5	56.3	51.6	47.3	42.9	38.2	33.5
-70°	64.9	61.9	58.9	55.9	52.6	48.8	45.0	41.2	37.4	33.5	29.2
-72.5°	55.4	53.1	50.6	48.0	45.1	41.9	38.6	35.3	32.2	28.7	24.9
-75°	46.2	44.4	42.5	40.3	37.7	35.0	32.4	29.8	27.0	24.0	21.1
-77.5°	37.3	35.9	34.3	32.8	30.8	28.8	26.6	24.3	22.0	19.8	17.4
-80°	28.8	27.9	26.9	25.7	24.1	22.4	20.9	19.2	17.5	15.6	13.7
-82.5°	21.0	20.4	19.7	18.8	17.8	16.7	15.5	14.3	12.9	11.5	10.1
-85°	13.9	13.4	12.8	12.2	11.5	10.8	10.2	9.5	8.6	7.7	6.7
-87.5°	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.7	4.3	3.8	3.4
-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°	2.7	2.3	1.9	1.4	0.9	0.5	0.0
85°	5.4	4.6	3.7	2.8	1.9	0.9	0.0
82.5°	8.1	6.9	5.6	4.2	2.8	1.4	0.0
80°	11.1	9.1	7.4	5.6	3.8	1.9	0.0
77.5°	15.7	11.9	9.2	7.0	4.7	2.3	0.0
75°	20.3	15.6	11.2	8.4	5.6	2.8	0.0
72.5°	24.8	19.2	14.0	9.7	6.5	3.2	0.0
70°	29.3	22.8	16.8	11.2	7.4	3.7	0.0
67.5°	35.0	26.3	19.5	13.2	8.3	4.1	0.0
65°	40.4	30.2	22.2	15.1	9.2	4.5	0.0
62.5°	45.7	34.5	24.8	17.0	10.0	4.9	0.0
60°	50.8	38.6	27.3	18.8	10.8	5.3	0.0
57.5°	56.6	42.5	30.3	20.6	12.0	5.7	0.0
55°	62.2	46.3	33.2	22.3	13.1	6.1	0.0
52.5°	67.5	50.0	36.0	24.0	14.2	6.5	0.0
50°	72.5	54.0	38.7	25.6	15.3	6.8	0.0
47.5°	77.2	57.8	41.2	27.2	16.3	7.2	0.0
45°	82.2	61.4	43.6	28.9	17.2	7.5	0.0
42.5°	86.7	64.7	45.8	30.6	18.2	7.8	0.0
40°	90.9	67.7	48.1	32.2	19.0	8.1	0.0
37.5°	94.7	70.5	50.3	33.7	19.9	8.4	0.0
35°	98.0	73.2	52.4	35.1	20.7	8.7	0.0
32.5°	101.2	75.8	54.2	36.4	21.4	8.9	0.0
30°	104.7	78.0	55.9	37.6	22.1	9.2	0.0
27.5°	107.6	80.0	57.5	38.7	22.7	9.4	0.0
25°	110.2	81.6	58.9	39.7	23.3	9.6	0.0
22.5°	112.2	83.0	60.1	40.6	23.8	9.8	0.0
20°	113.8	84.5	61.1	41.4	24.3	9.9	0.0
17.5°	115.2	85.6	61.9	42.1	24.7	10.1	0.0
15°	116.4	86.5	62.5	42.7	25.0	10.2	0.0
12.5°	117.1	87.2	62.9	43.1	25.3	10.3	0.0
10°	117.4	87.6	63.2	43.5	25.6	10.4	0.0
7.5°	117.3	87.8	63.3	43.7	25.7	10.4	0.0
5°	116.7	87.8	63.2	43.8	25.8	10.5	0.0
2.5°	115.8	87.4	63.0	43.9	25.9	10.5	0.0
0°	114.6	86.9	62.6	43.8	25.9	10.5	0.0
-2.5°	113.3	86.1	62.3	43.6	25.8	10.5	0.0
-5°	111.7	85.0	61.8	43.3	25.7	10.5	0.0
-7.5°	109.7	83.8	61.2	42.9	25.5	10.5	0.0
-10°	107.5	82.3	60.5	42.4	25.3	10.4	0.0
-12.5°	105.1	80.7	59.6	41.8	25.0	10.4	0.0
-15°	102.4	78.9	58.6	41.2	24.7	10.3	0.0
-17.5°	99.4	77.0	57.5	40.4	24.3	10.2	0.0
-20°	96.3	74.9	56.2	39.5	23.8	10.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.2	72.7	54.9	38.6	23.4	9.9	0.0
-25°	90.0	70.5	53.4	37.6	22.8	9.7	0.0
-27.5°	86.6	68.2	51.7	36.5	22.2	9.5	0.0
-30°	83.0	65.8	50.0	35.3	21.6	9.3	0.0
-32.5°	79.3	63.2	48.2	34.1	21.0	9.1	0.0
-35°	75.8	60.5	46.3	32.8	20.3	8.9	0.0
-37.5°	72.4	57.8	44.4	31.4	19.5	8.6	0.0
-40°	68.8	55.2	42.3	30.0	18.7	8.3	0.0
-42.5°	65.1	52.5	40.2	28.5	17.9	8.0	0.0
-45°	61.4	49.7	38.2	27.0	17.1	7.7	0.0
-47.5°	57.5	46.9	36.1	25.4	16.2	7.4	0.0
-50°	53.9	43.9	33.9	24.0	15.3	7.0	0.0
-52.5°	50.4	40.9	31.7	22.6	14.4	6.7	0.0
-55°	46.7	38.0	29.4	21.2	13.4	6.3	0.0
-57.5°	43.1	35.1	27.0	19.7	12.4	5.9	0.0
-60°	39.3	32.1	24.6	18.2	11.4	5.5	0.0
-62.5°	35.7	29.1	22.6	16.6	10.6	5.1	0.0
-65°	32.1	26.0	20.5	15.1	9.7	4.6	0.0
-67.5°	28.3	23.1	18.3	13.5	8.8	4.2	0.0
-70°	24.6	20.4	16.2	11.8	7.9	3.8	0.0
-72.5°	21.3	17.7	14.0	10.4	6.9	3.3	0.0
-75°	18.1	15.0	11.8	8.9	6.0	2.9	0.0
-77.5°	14.9	12.3	9.8	7.5	5.0	2.4	0.0
-80°	11.6	9.7	7.9	6.0	4.0	1.9	0.0
-82.5°	8.7	7.3	5.9	4.5	3.0	1.4	0.0
-85°	5.8	4.9	4.0	3.0	2.0	1.0	0.0
-87.5°	2.9	2.4	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)