

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: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-940-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1C-940-U-NAT-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

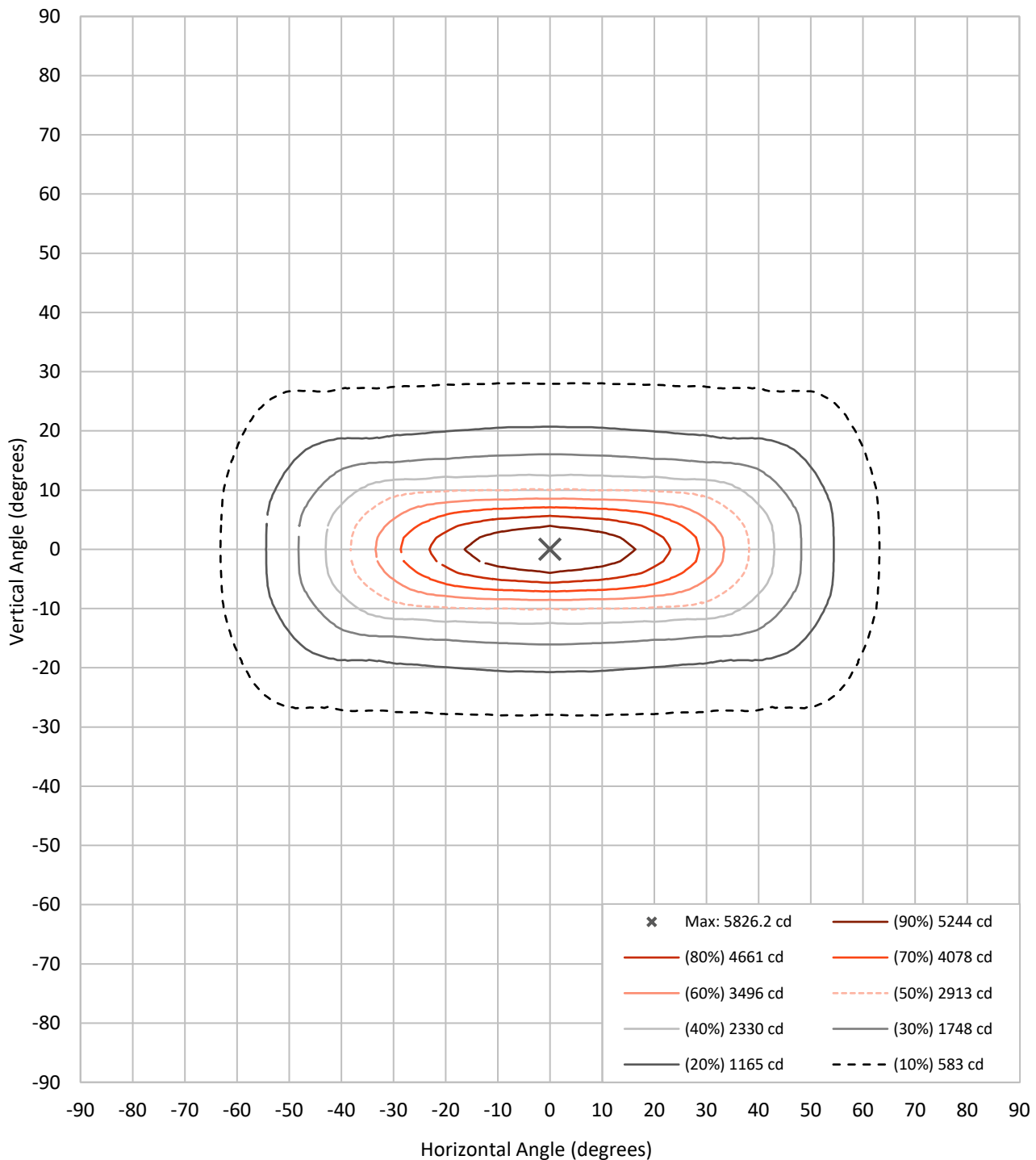
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	4172.6 lumens	Max Intensity:	5826.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1669.5 lumens	Field Lumens:	3419.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

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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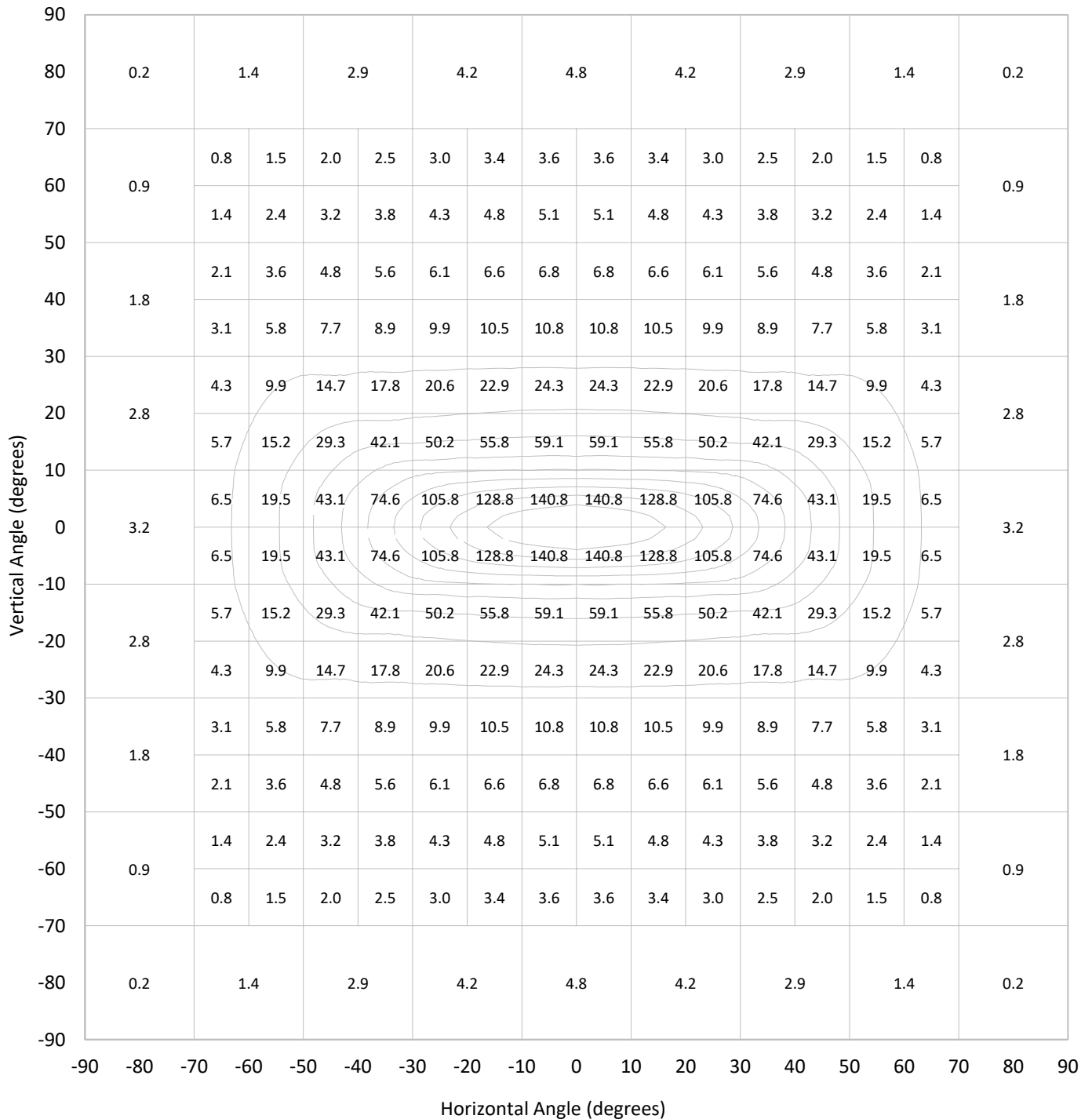
### Iso-Candela Plot





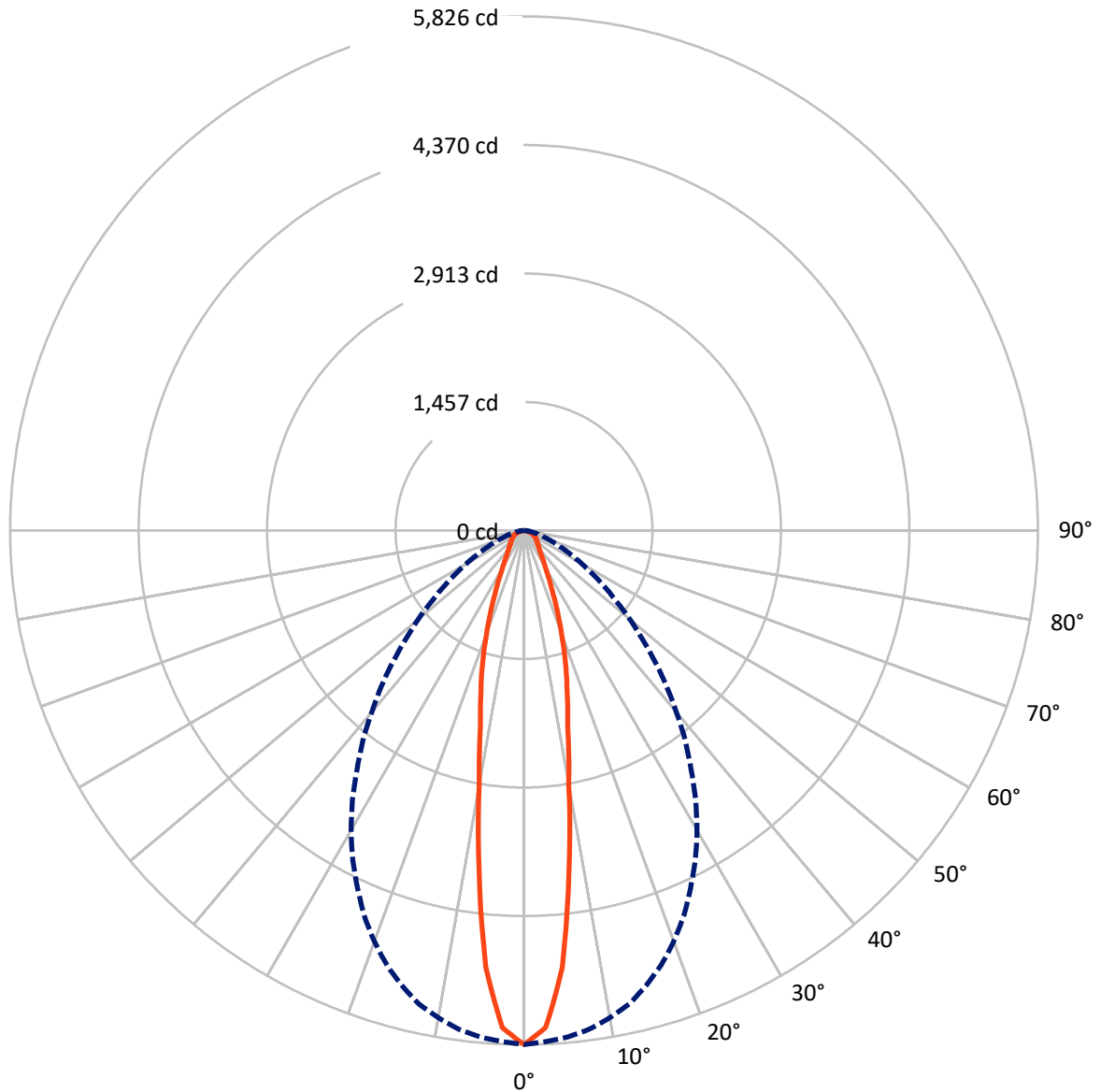
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### Lumen Table



REPORT NUMBER: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
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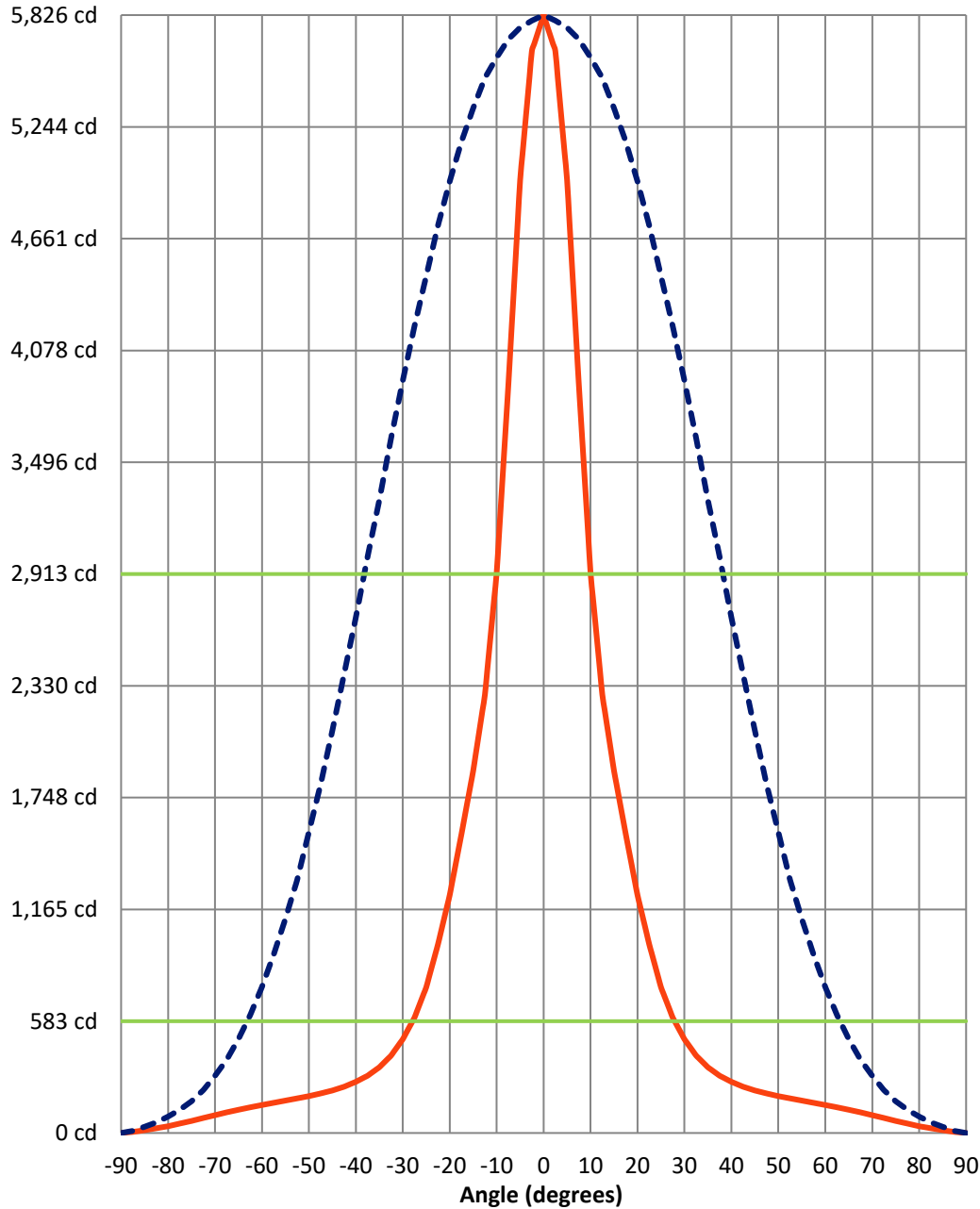
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 76.4°  
 V Angle: 20°  
 Lumens: 1669.5  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 3419.9  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 752.7  
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 0-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	1.0	1.4	1.7	2.1	2.3	2.6	2.9	3.2	3.4
85°	0.0	1.0	1.9	2.8	3.5	4.1	4.7	5.3	5.8	6.4	6.8
82.5°	0.0	1.4	2.9	4.1	5.2	6.2	7.0	7.9	9.0	10.7	12.2
80°	0.0	1.9	3.9	5.5	7.0	8.2	9.6	12.2	14.6	16.7	18.7
77.5°	0.0	2.4	4.8	6.9	8.7	10.9	14.1	17.2	20.1	22.8	25.3
75°	0.0	2.9	5.7	8.2	10.7	14.8	18.6	22.3	25.8	29.4	32.4
72.5°	0.0	3.3	6.7	9.6	13.9	18.7	23.0	27.5	32.1	36.1	39.5
70°	0.0	3.8	7.6	11.1	17.0	22.5	27.6	33.2	38.4	42.9	47.3
67.5°	0.0	4.2	8.5	13.5	20.2	26.3	32.8	39.0	44.7	50.6	55.4
65°	0.0	4.7	9.4	15.9	23.3	30.4	37.9	44.8	52.1	58.4	64.0
62.5°	0.0	5.1	10.2	18.3	26.3	34.8	43.1	51.2	59.4	66.6	73.8
60°	0.0	5.5	11.1	20.6	29.3	39.2	48.2	57.9	66.8	75.8	83.7
57.5°	0.0	6.0	12.6	22.8	32.9	43.6	54.0	64.7	75.1	85.0	94.4
55°	0.0	6.4	14.1	25.1	36.4	47.9	59.9	71.4	83.5	94.7	105.7
52.5°	0.0	6.8	15.5	27.2	39.9	52.3	65.6	78.9	92.0	105.5	117.3
50°	0.0	7.1	16.9	29.4	43.3	57.0	71.3	86.5	100.9	116.6	131.1
47.5°	0.0	7.5	18.3	31.5	46.6	61.7	77.0	94.2	111.1	127.8	145.6
45°	0.0	7.8	19.6	34.0	49.8	66.3	83.7	101.9	121.5	141.5	160.7
42.5°	0.0	8.2	20.8	36.3	53.0	70.7	90.3	110.4	131.9	155.6	177.8
40°	0.0	8.5	22.0	38.5	56.3	75.1	96.8	119.4	143.0	169.9	195.9
37.5°	0.0	8.8	23.2	40.6	59.6	79.3	103.2	128.3	155.6	184.9	214.5
35°	0.0	9.1	24.3	42.5	62.8	84.0	109.6	137.1	168.2	201.5	234.7
32.5°	0.0	9.4	25.3	44.3	65.8	89.0	116.1	145.7	180.7	218.3	256.8
30°	0.0	9.6	26.3	46.0	68.7	93.8	123.0	154.6	193.0	235.3	279.5
27.5°	0.0	9.8	27.2	47.5	71.2	98.5	129.7	164.7	205.9	252.4	302.6
25°	0.0	10.1	28.0	48.9	73.4	102.9	136.2	174.4	219.9	270.9	326.1
22.5°	0.0	10.3	28.8	50.1	75.5	106.9	142.4	183.9	233.6	290.1	351.7
20°	0.0	10.4	29.5	51.2	77.4	109.9	148.2	192.9	246.9	309.0	377.2
17.5°	0.0	10.6	30.2	52.2	79.1	112.6	152.6	201.5	259.8	327.5	402.2
15°	0.0	10.7	30.7	53.0	80.6	114.9	155.9	208.3	272.1	345.4	426.5
12.5°	0.0	10.8	31.2	53.7	82.0	116.8	158.8	212.7	280.9	362.5	450.0
10°	0.0	10.9	31.6	54.3	83.1	118.4	161.1	216.3	286.6	370.6	468.4
7.5°	0.0	11.0	32.0	54.7	84.0	119.6	162.9	219.2	291.1	376.0	476.7
5°	0.0	11.1	32.2	55.0	84.7	120.4	164.3	221.3	294.6	379.6	483.1
2.5°	0.0	11.1	32.4	55.1	85.2	120.9	165.1	222.7	296.9	381.7	487.5
0°	0.0	11.1	32.5	55.1	85.5	121.0	165.4	223.2	298.0	382.2	489.9
-2.5°	0.0	11.1	32.4	55.1	85.2	120.9	165.1	222.7	296.9	381.7	487.5
-5°	0.0	11.1	32.2	55.0	84.7	120.4	164.3	221.3	294.6	379.6	483.1
-7.5°	0.0	11.0	32.0	54.7	84.0	119.6	162.9	219.2	291.1	376.0	476.7
-10°	0.0	10.9	31.6	54.3	83.1	118.4	161.1	216.3	286.6	370.6	468.4
-12.5°	0.0	10.8	31.2	53.7	82.0	116.8	158.8	212.7	280.9	362.5	450.0
-15°	0.0	10.7	30.7	53.0	80.6	114.9	155.9	208.3	272.1	345.4	426.5
-17.5°	0.0	10.6	30.2	52.2	79.1	112.6	152.6	201.5	259.8	327.5	402.2
-20°	0.0	10.4	29.5	51.2	77.4	109.9	148.2	192.9	246.9	309.0	377.2



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 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.3	28.8	50.1	75.5	106.9	142.4	183.9	233.6	290.1	351.7
-25°	0.0	10.1	28.0	48.9	73.4	102.9	136.2	174.4	219.9	270.9	326.1
-27.5°	0.0	9.8	27.2	47.5	71.2	98.5	129.7	164.7	205.9	252.4	302.6
-30°	0.0	9.6	26.3	46.0	68.7	93.8	123.0	154.6	193.0	235.3	279.5
-32.5°	0.0	9.4	25.3	44.3	65.8	89.0	116.1	145.7	180.7	218.3	256.8
-35°	0.0	9.1	24.3	42.5	62.8	84.0	109.6	137.1	168.2	201.5	234.7
-37.5°	0.0	8.8	23.2	40.6	59.6	79.3	103.2	128.3	155.6	184.9	214.5
-40°	0.0	8.5	22.0	38.5	56.3	75.1	96.8	119.4	143.0	169.9	195.9
-42.5°	0.0	8.2	20.8	36.3	53.0	70.7	90.3	110.4	131.9	155.6	177.8
-45°	0.0	7.8	19.6	34.0	49.8	66.3	83.7	101.9	121.5	141.5	160.7
-47.5°	0.0	7.5	18.3	31.5	46.6	61.7	77.0	94.2	111.1	127.8	145.6
-50°	0.0	7.1	16.9	29.4	43.3	57.0	71.3	86.5	100.9	116.6	131.1
-52.5°	0.0	6.8	15.5	27.2	39.9	52.3	65.6	78.9	92.0	105.5	117.3
-55°	0.0	6.4	14.1	25.1	36.4	47.9	59.9	71.4	83.5	94.7	105.7
-57.5°	0.0	6.0	12.6	22.8	32.9	43.6	54.0	64.7	75.1	85.0	94.4
-60°	0.0	5.5	11.1	20.6	29.3	39.2	48.2	57.9	66.8	75.8	83.7
-62.5°	0.0	5.1	10.2	18.3	26.3	34.8	43.1	51.2	59.4	66.6	73.8
-65°	0.0	4.7	9.4	15.9	23.3	30.4	37.9	44.8	52.1	58.4	64.0
-67.5°	0.0	4.2	8.5	13.5	20.2	26.3	32.8	39.0	44.7	50.6	55.4
-70°	0.0	3.8	7.6	11.1	17.0	22.5	27.6	33.2	38.4	42.9	47.3
-72.5°	0.0	3.3	6.7	9.6	13.9	18.7	23.0	27.5	32.1	36.1	39.5
-75°	0.0	2.9	5.7	8.2	10.7	14.8	18.6	22.3	25.8	29.4	32.4
-77.5°	0.0	2.4	4.8	6.9	8.7	10.9	14.1	17.2	20.1	22.8	25.3
-80°	0.0	1.9	3.9	5.5	7.0	8.2	9.6	12.2	14.6	16.7	18.7
-82.5°	0.0	1.4	2.9	4.1	5.2	6.2	7.0	7.9	9.0	10.7	12.2
-85°	0.0	1.0	1.9	2.8	3.5	4.1	4.7	5.3	5.8	6.4	6.8
-87.5°	0.0	0.5	1.0	1.4	1.7	2.1	2.3	2.6	2.9	3.2	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





REPORT NUMBER: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-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°	3.7	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
85°	7.4	7.9	8.8	9.5	10.1	10.7	11.1	11.5	11.9	12.3	12.5
82.5°	13.6	14.8	15.7	16.4	17.2	17.8	18.4	18.9	19.4	19.9	20.3
80°	20.3	21.6	23.0	24.1	25.3	26.1	26.6	26.8	27.5	28.4	29.3
77.5°	27.6	29.5	31.3	32.7	33.9	35.0	35.8	36.2	37.3	38.6	39.7
75°	35.1	37.5	39.9	42.0	43.6	44.9	45.7	46.5	47.8	49.4	50.8
72.5°	42.9	46.1	49.0	51.4	53.6	55.3	56.6	57.4	58.7	60.6	62.2
70°	51.1	54.8	58.7	61.8	64.2	66.2	67.9	69.0	70.2	72.1	73.6
67.5°	59.7	64.9	69.2	72.5	75.1	77.6	79.5	80.7	81.3	83.2	84.8
65°	69.7	75.3	80.0	83.8	86.5	89.5	91.6	92.7	93.0	95.1	97.1
62.5°	79.9	86.1	91.3	95.6	99.1	102.0	104.3	105.6	105.8	107.4	109.8
60°	90.8	97.2	103.4	108.5	112.2	115.2	117.7	119.2	119.5	120.1	122.7
57.5°	102.1	109.0	116.3	122.1	126.4	128.8	131.7	133.2	133.8	133.4	136.2
55°	114.5	121.7	129.8	136.6	141.2	143.5	146.1	148.3	149.0	148.6	150.2
52.5°	128.5	135.6	144.4	151.8	157.0	159.7	161.5	164.2	165.4	164.9	164.5
50°	143.3	152.2	159.4	168.0	174.2	177.7	177.7	181.0	182.7	182.2	179.9
47.5°	159.9	170.1	175.5	185.3	193.3	197.5	197.7	199.1	201.0	201.6	199.7
45°	178.0	190.3	196.2	204.9	213.9	219.0	220.5	218.1	221.7	222.8	221.6
42.5°	196.9	212.7	221.9	225.5	236.0	243.0	245.8	244.1	243.9	246.4	246.4
40°	218.9	237.0	250.8	254.5	259.8	269.6	275.4	275.1	268.6	273.2	274.4
37.5°	242.3	265.8	283.0	290.6	286.6	299.6	308.1	311.5	307.5	302.9	308.1
35°	266.9	296.7	319.8	332.8	333.4	333.1	346.3	353.4	353.9	345.6	347.5
32.5°	294.5	329.4	360.1	381.1	390.7	384.7	388.2	403.1	410.4	407.3	395.3
30°	324.2	367.0	404.6	434.2	455.6	461.9	447.6	459.3	475.5	482.0	476.7
27.5°	354.1	406.8	454.5	495.6	528.7	549.6	550.1	532.2	550.5	566.1	572.1
25°	384.6	446.7	507.4	563.2	613.2	649.2	665.8	667.8	642.1	665.4	687.2
22.5°	417.0	487.7	559.8	635.1	704.8	757.7	798.0	822.2	821.4	796.9	816.0
20°	451.3	532.4	616.2	705.6	800.7	873.5	940.9	992.4	1023.4	1033.7	1013.6
17.5°	485.6	577.4	675.6	782.0	892.1	992.9	1093.9	1176.1	1241.2	1294.7	1313.8
15°	519.4	622.4	735.1	858.9	986.1	1112.3	1242.1	1368.1	1478.9	1576.8	1634.8
12.5°	552.5	666.7	794.2	935.4	1081.4	1233.3	1388.3	1541.7	1701.4	1859.9	1980.3
10°	584.4	709.9	852.0	1010.7	1176.7	1354.4	1534.1	1716.2	1910.2	2097.1	2277.1
7.5°	598.0	738.1	901.9	1083.5	1270.3	1473.5	1677.8	1889.2	2115.9	2334.0	2553.8
5°	606.4	749.3	915.9	1105.1	1313.0	1551.2	1795.0	2056.9	2315.5	2566.7	2825.6
2.5°	612.0	756.9	925.2	1113.7	1319.3	1564.0	1810.9	2082.7	2372.9	2663.3	2971.7
0°	614.8	761.0	929.9	1116.3	1318.5	1568.1	1817.0	2097.4	2391.5	2687.0	3002.5
-2.5°	612.0	756.9	925.2	1113.7	1319.3	1564.0	1810.9	2082.7	2372.9	2663.3	2971.7
-5°	606.4	749.3	915.9	1105.1	1313.0	1551.2	1795.0	2056.9	2315.5	2566.7	2825.6
-7.5°	598.0	738.1	901.9	1083.5	1270.3	1473.5	1677.8	1889.2	2115.9	2334.0	2553.8
-10°	584.4	709.9	852.0	1010.7	1176.7	1354.4	1534.1	1716.2	1910.2	2097.1	2277.1
-12.5°	552.5	666.7	794.2	935.4	1081.4	1233.3	1388.3	1541.7	1701.4	1859.9	1980.3
-15°	519.4	622.4	735.1	858.9	986.1	1112.3	1242.1	1368.1	1478.9	1576.8	1634.8
-17.5°	485.6	577.4	675.6	782.0	892.1	992.9	1093.9	1176.1	1241.2	1294.7	1313.8
-20°	451.3	532.4	616.2	705.6	800.7	873.5	940.9	992.4	1023.4	1033.7	1013.6



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 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	417.0	487.7	559.8	635.1	704.8	757.7	798.0	822.2	821.4	796.9	816.0
-25°	384.6	446.7	507.4	563.2	613.2	649.2	665.8	667.8	642.1	665.4	687.2
-27.5°	354.1	406.8	454.5	495.6	528.7	549.6	550.1	532.2	550.5	566.1	572.1
-30°	324.2	367.0	404.6	434.2	455.6	461.9	447.6	459.3	475.5	482.0	476.7
-32.5°	294.5	329.4	360.1	381.1	390.7	384.7	388.2	403.1	410.4	407.3	395.3
-35°	266.9	296.7	319.8	332.8	333.4	333.1	346.3	353.4	353.9	345.6	347.5
-37.5°	242.3	265.8	283.0	290.6	286.6	299.6	308.1	311.5	307.5	302.9	308.1
-40°	218.9	237.0	250.8	254.5	259.8	269.6	275.4	275.1	268.6	273.2	274.4
-42.5°	196.9	212.7	221.9	225.5	236.0	243.0	245.8	244.1	243.9	246.4	246.4
-45°	178.0	190.3	196.2	204.9	213.9	219.0	220.5	218.1	221.7	222.8	221.6
-47.5°	159.9	170.1	175.5	185.3	193.3	197.5	197.7	199.1	201.0	201.6	199.7
-50°	143.3	152.2	159.4	168.0	174.2	177.7	177.7	181.0	182.7	182.2	179.9
-52.5°	128.5	135.6	144.4	151.8	157.0	159.7	161.5	164.2	165.4	164.9	164.5
-55°	114.5	121.7	129.8	136.6	141.2	143.5	146.1	148.3	149.0	148.6	150.2
-57.5°	102.1	109.0	116.3	122.1	126.4	128.8	131.7	133.2	133.8	133.4	136.2
-60°	90.8	97.2	103.4	108.5	112.2	115.2	117.7	119.2	119.5	120.1	122.7
-62.5°	79.9	86.1	91.3	95.6	99.1	102.0	104.3	105.6	105.8	107.4	109.8
-65°	69.7	75.3	80.0	83.8	86.5	89.5	91.6	92.7	93.0	95.1	97.1
-67.5°	59.7	64.9	69.2	72.5	75.1	77.6	79.5	80.7	81.3	83.2	84.8
-70°	51.1	54.8	58.7	61.8	64.2	66.2	67.9	69.0	70.2	72.1	73.6
-72.5°	42.9	46.1	49.0	51.4	53.6	55.3	56.6	57.4	58.7	60.6	62.2
-75°	35.1	37.5	39.9	42.0	43.6	44.9	45.7	46.5	47.8	49.4	50.8
-77.5°	27.6	29.5	31.3	32.7	33.9	35.0	35.8	36.2	37.3	38.6	39.7
-80°	20.3	21.6	23.0	24.1	25.3	26.1	26.6	26.8	27.5	28.4	29.3
-82.5°	13.6	14.8	15.7	16.4	17.2	17.8	18.4	18.9	19.4	19.9	20.3
-85°	7.4	7.9	8.8	9.5	10.1	10.7	11.1	11.5	11.9	12.3	12.5
-87.5°	3.7	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
-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: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.9	5.8	5.6	5.4	5.5	5.5	5.4	5.4	5.3	5.3
85°	12.7	13.0	13.2	13.4	13.6	13.9	14.1	14.2	14.4	14.3	14.3
82.5°	20.7	21.4	22.1	22.8	23.4	23.7	23.9	24.1	24.2	24.4	24.5
80°	30.1	31.1	32.0	32.8	33.4	33.9	34.3	34.6	34.8	35.1	35.2
77.5°	40.7	41.8	42.9	43.9	44.7	45.5	46.1	46.6	47.0	47.6	48.2
75°	52.0	53.3	54.6	55.8	56.9	58.0	59.1	60.1	61.0	61.8	62.4
72.5°	63.4	64.7	66.4	67.9	69.4	70.9	72.4	73.7	74.8	75.8	76.8
70°	74.6	75.9	78.0	80.1	82.0	83.9	85.6	87.2	88.7	90.0	91.3
67.5°	86.3	87.6	90.3	92.6	94.8	96.8	98.9	100.7	102.4	103.8	105.1
65°	98.7	99.9	102.7	105.3	107.6	109.5	111.7	113.8	115.6	117.2	118.5
62.5°	111.5	112.7	115.1	117.6	119.7	121.5	124.2	126.5	128.5	130.1	131.4
60°	124.6	125.6	127.4	130.2	132.6	134.5	136.9	139.1	141.0	142.6	144.0
57.5°	138.1	139.1	140.0	142.8	145.1	146.9	149.0	151.1	153.0	154.5	155.9
55°	152.1	152.9	152.6	155.2	157.4	158.8	160.3	162.7	164.5	165.8	167.2
52.5°	166.4	167.3	166.6	167.7	170.1	171.4	172.1	174.6	176.5	177.7	178.9
50°	182.3	183.0	182.5	181.8	184.1	185.5	185.9	187.9	189.6	190.5	191.4
47.5°	199.5	200.5	200.0	197.5	199.6	201.3	201.3	202.1	203.9	204.6	205.1
45°	218.3	220.1	219.7	218.0	217.7	219.4	219.3	218.6	220.6	221.5	221.8
42.5°	242.9	242.4	242.9	241.9	238.8	240.8	241.0	238.5	241.0	242.1	241.5
40°	273.1	267.6	270.6	270.2	267.3	266.8	268.4	266.3	266.7	268.3	267.1
37.5°	308.9	305.0	303.4	304.7	303.8	300.1	303.1	302.4	300.0	302.7	301.5
35°	353.0	351.9	343.0	348.4	349.5	346.0	347.0	348.5	343.5	347.5	347.1
32.5°	404.7	407.3	405.4	402.1	407.1	407.7	401.9	408.9	406.1	407.1	409.8
30°	463.1	476.5	483.1	477.2	480.3	486.6	483.7	488.6	490.9	487.3	494.2
27.5°	565.2	560.5	576.1	582.9	575.6	587.0	595.3	591.6	603.7	596.6	606.8
25°	695.0	688.0	692.2	714.7	719.7	713.9	737.2	739.9	749.5	750.7	757.9
22.5°	847.5	864.4	862.4	869.2	897.5	907.0	915.6	937.9	932.8	953.2	956.7
20°	1017.9	1060.4	1089.6	1095.7	1107.8	1140.3	1155.2	1172.9	1184.7	1204.0	1220.2
17.5°	1306.3	1284.6	1341.9	1377.9	1396.9	1403.7	1442.8	1455.5	1484.9	1501.7	1518.4
15°	1676.6	1689.3	1663.4	1697.8	1755.7	1775.3	1752.8	1805.4	1820.1	1848.4	1853.4
12.5°	2072.4	2136.5	2167.9	2176.4	2146.1	2228.6	2261.6	2220.2	2267.2	2258.7	2297.4
10°	2450.0	2605.7	2698.9	2764.4	2804.3	2828.3	2852.1	2895.0	2895.7	2927.5	2909.0
7.5°	2760.0	2957.4	3146.0	3328.9	3475.2	3557.2	3621.6	3683.4	3765.8	3805.3	3830.9
5°	3063.4	3291.1	3516.7	3738.5	3939.2	4132.4	4321.7	4485.9	4572.9	4674.6	4765.3
2.5°	3259.6	3547.6	3835.8	4121.1	4353.1	4566.0	4763.0	4946.0	5106.6	5255.1	5380.5
0°	3297.9	3620.2	3920.8	4205.5	4466.7	4729.6	4959.2	5166.1	5341.0	5498.7	5605.2
-2.5°	3259.6	3547.6	3835.8	4121.1	4353.1	4566.0	4763.0	4946.0	5106.6	5255.1	5380.5
-5°	3063.4	3291.1	3516.7	3738.5	3939.2	4132.4	4321.7	4485.9	4572.9	4674.6	4765.3
-7.5°	2760.0	2957.4	3146.0	3328.9	3475.2	3557.2	3621.6	3683.4	3765.8	3805.3	3830.9
-10°	2450.0	2605.7	2698.9	2764.4	2804.3	2828.3	2852.1	2895.0	2895.7	2927.5	2909.0
-12.5°	2072.4	2136.5	2167.9	2176.4	2146.1	2228.6	2261.6	2220.2	2267.2	2258.7	2297.4
-15°	1676.6	1689.3	1663.4	1697.8	1755.7	1775.3	1752.8	1805.4	1820.1	1848.4	1853.4
-17.5°	1306.3	1284.6	1341.9	1377.9	1396.9	1403.7	1442.8	1455.5	1484.9	1501.7	1518.4
-20°	1017.9	1060.4	1089.6	1095.7	1107.8	1140.3	1155.2	1172.9	1184.7	1204.0	1220.2



REPORT NUMBER: P558550 (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°	847.5	864.4	862.4	869.2	897.5	907.0	915.6	937.9	932.8	953.2	956.7
-25°	695.0	688.0	692.2	714.7	719.7	713.9	737.2	739.9	749.5	750.7	757.9
-27.5°	565.2	560.5	576.1	582.9	575.6	587.0	595.3	591.6	603.7	596.6	606.8
-30°	463.1	476.5	483.1	477.2	480.3	486.6	483.7	488.6	490.9	487.3	494.2
-32.5°	404.7	407.3	405.4	402.1	407.1	407.7	401.9	408.9	406.1	407.1	409.8
-35°	353.0	351.9	343.0	348.4	349.5	346.0	347.0	348.5	343.5	347.5	347.1
-37.5°	308.9	305.0	303.4	304.7	303.8	300.1	303.1	302.4	300.0	302.7	301.5
-40°	273.1	267.6	270.6	270.2	267.3	266.8	268.4	266.3	266.7	268.3	267.1
-42.5°	242.9	242.4	242.9	241.9	238.8	240.8	241.0	238.5	241.0	242.1	241.5
-45°	218.3	220.1	219.7	218.0	217.7	219.4	219.3	218.6	220.6	221.5	221.8
-47.5°	199.5	200.5	200.0	197.5	199.6	201.3	201.3	202.1	203.9	204.6	205.1
-50°	182.3	183.0	182.5	181.8	184.1	185.5	185.9	187.9	189.6	190.5	191.4
-52.5°	166.4	167.3	166.6	167.7	170.1	171.4	172.1	174.6	176.5	177.7	178.9
-55°	152.1	152.9	152.6	155.2	157.4	158.8	160.3	162.7	164.5	165.8	167.2
-57.5°	138.1	139.1	140.0	142.8	145.1	146.9	149.0	151.1	153.0	154.5	155.9
-60°	124.6	125.6	127.4	130.2	132.6	134.5	136.9	139.1	141.0	142.6	144.0
-62.5°	111.5	112.7	115.1	117.6	119.7	121.5	124.2	126.5	128.5	130.1	131.4
-65°	98.7	99.9	102.7	105.3	107.6	109.5	111.7	113.8	115.6	117.2	118.5
-67.5°	86.3	87.6	90.3	92.6	94.8	96.8	98.9	100.7	102.4	103.8	105.1
-70°	74.6	75.9	78.0	80.1	82.0	83.9	85.6	87.2	88.7	90.0	91.3
-72.5°	63.4	64.7	66.4	67.9	69.4	70.9	72.4	73.7	74.8	75.8	76.8
-75°	52.0	53.3	54.6	55.8	56.9	58.0	59.1	60.1	61.0	61.8	62.4
-77.5°	40.7	41.8	42.9	43.9	44.7	45.5	46.1	46.6	47.0	47.6	48.2
-80°	30.1	31.1	32.0	32.8	33.4	33.9	34.3	34.6	34.8	35.1	35.2
-82.5°	20.7	21.4	22.1	22.8	23.4	23.7	23.9	24.1	24.2	24.4	24.5
-85°	12.7	13.0	13.2	13.4	13.6	13.9	14.1	14.2	14.4	14.3	14.3
-87.5°	6.0	5.9	5.8	5.6	5.4	5.5	5.5	5.4	5.4	5.3	5.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-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°	5.2	5.1	5.3	5.6	5.3	5.1	5.2	5.3	5.3	5.4	5.4
85°	14.2	14.0	14.3	14.5	14.3	14.0	14.2	14.3	14.3	14.4	14.2
82.5°	24.6	24.7	24.8	24.8	24.8	24.7	24.6	24.5	24.4	24.2	24.1
80°	35.3	35.3	35.3	35.1	35.3	35.3	35.3	35.2	35.1	34.8	34.6
77.5°	48.6	48.9	49.1	49.2	49.1	48.9	48.6	48.2	47.6	47.0	46.6
75°	62.8	63.0	63.0	62.8	63.0	63.0	62.8	62.4	61.8	61.0	60.1
72.5°	77.6	78.3	78.4	78.2	78.4	78.3	77.6	76.8	75.8	74.8	73.7
70°	92.3	93.1	93.1	92.8	93.1	93.1	92.3	91.3	90.0	88.7	87.2
67.5°	106.1	106.8	107.4	107.7	107.4	106.8	106.1	105.1	103.8	102.4	100.7
65°	119.6	120.4	120.9	121.0	120.9	120.4	119.6	118.5	117.2	115.6	113.8
62.5°	132.5	133.2	133.7	133.8	133.7	133.2	132.5	131.4	130.1	128.5	126.5
60°	145.2	146.0	146.1	145.8	146.1	146.0	145.2	144.0	142.6	141.0	139.1
57.5°	157.1	157.9	157.9	157.3	157.9	157.9	157.1	155.9	154.5	153.0	151.1
55°	168.2	168.7	169.0	168.9	169.0	168.7	168.2	167.2	165.8	164.5	162.7
52.5°	179.8	180.3	180.5	180.4	180.5	180.3	179.8	178.9	177.7	176.5	174.6
50°	192.0	192.0	192.0	192.0	192.0	192.0	192.0	191.4	190.5	189.6	187.9
47.5°	205.9	206.0	206.1	206.1	206.1	206.0	205.9	205.1	204.6	203.9	202.1
45°	222.3	221.9	221.4	221.5	221.4	221.9	222.3	221.8	221.5	220.6	218.6
42.5°	242.1	241.6	240.9	241.1	240.9	241.6	242.1	241.5	242.1	241.0	238.5
40°	268.1	268.0	267.1	266.8	267.1	268.0	268.1	267.1	268.3	266.7	266.3
37.5°	301.7	301.2	299.2	298.4	299.2	301.2	301.7	301.5	302.7	300.0	302.4
35°	345.9	345.2	342.2	342.4	342.2	345.2	345.9	347.1	347.5	343.5	348.5
32.5°	408.4	408.7	404.2	403.2	404.2	408.7	408.4	409.8	407.1	406.1	408.9
30°	489.9	491.7	486.4	488.7	486.4	491.7	489.9	494.2	487.3	490.9	488.6
27.5°	606.6	610.0	605.3	601.5	605.3	610.0	606.6	606.8	596.6	603.7	591.6
25°	767.2	769.8	764.4	759.7	764.4	769.8	767.2	757.9	750.7	749.5	739.9
22.5°	976.3	976.1	975.9	983.3	975.9	976.1	976.3	956.7	953.2	932.8	937.9
20°	1230.7	1224.6	1233.8	1239.8	1233.8	1224.6	1230.7	1220.2	1204.0	1184.7	1172.9
17.5°	1522.3	1533.8	1542.7	1557.5	1542.7	1533.8	1522.3	1518.4	1501.7	1484.9	1455.5
15°	1866.0	1883.4	1892.2	1887.5	1892.2	1883.4	1866.0	1853.4	1848.4	1820.1	1805.4
12.5°	2298.8	2319.6	2304.2	2285.1	2304.2	2319.6	2298.8	2297.4	2258.7	2267.2	2220.2
10°	2909.2	2954.1	2956.5	2919.1	2956.5	2954.1	2909.2	2909.0	2927.5	2895.7	2895.0
7.5°	3845.9	3867.6	3900.7	3902.4	3900.7	3867.6	3845.9	3830.9	3805.3	3765.8	3683.4
5°	4806.4	4864.4	4901.8	4966.5	4901.8	4864.4	4806.4	4765.3	4674.6	4572.9	4485.9
2.5°	5461.5	5536.5	5565.3	5638.5	5565.3	5536.5	5461.5	5380.5	5255.1	5106.6	4946.0
0°	5700.1	5760.8	5797.2	5826.2	5797.2	5760.8	5700.1	5605.2	5498.7	5341.0	5166.1
-2.5°	5461.5	5536.5	5565.3	5638.5	5565.3	5536.5	5461.5	5380.5	5255.1	5106.6	4946.0
-5°	4806.4	4864.4	4901.8	4966.5	4901.8	4864.4	4806.4	4765.3	4674.6	4572.9	4485.9
-7.5°	3845.9	3867.6	3900.7	3902.4	3900.7	3867.6	3845.9	3830.9	3805.3	3765.8	3683.4
-10°	2909.2	2954.1	2956.5	2919.1	2956.5	2954.1	2909.2	2909.0	2927.5	2895.7	2895.0
-12.5°	2298.8	2319.6	2304.2	2285.1	2304.2	2319.6	2298.8	2297.4	2258.7	2267.2	2220.2
-15°	1866.0	1883.4	1892.2	1887.5	1892.2	1883.4	1866.0	1853.4	1848.4	1820.1	1805.4
-17.5°	1522.3	1533.8	1542.7	1557.5	1542.7	1533.8	1522.3	1518.4	1501.7	1484.9	1455.5
-20°	1230.7	1224.6	1233.8	1239.8	1233.8	1224.6	1230.7	1220.2	1204.0	1184.7	1172.9



REPORT NUMBER: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	976.3	976.1	975.9	983.3	975.9	976.1	976.3	956.7	953.2	932.8	937.9
-25°	767.2	769.8	764.4	759.7	764.4	769.8	767.2	757.9	750.7	749.5	739.9
-27.5°	606.6	610.0	605.3	601.5	605.3	610.0	606.6	606.8	596.6	603.7	591.6
-30°	489.9	491.7	486.4	488.7	486.4	491.7	489.9	494.2	487.3	490.9	488.6
-32.5°	408.4	408.7	404.2	403.2	404.2	408.7	408.4	409.8	407.1	406.1	408.9
-35°	345.9	345.2	342.2	342.4	342.2	345.2	345.9	347.1	347.5	343.5	348.5
-37.5°	301.7	301.2	299.2	298.4	299.2	301.2	301.7	301.5	302.7	300.0	302.4
-40°	268.1	268.0	267.1	266.8	267.1	268.0	268.1	267.1	268.3	266.7	266.3
-42.5°	242.1	241.6	240.9	241.1	240.9	241.6	242.1	241.5	242.1	241.0	238.5
-45°	222.3	221.9	221.4	221.5	221.4	221.9	222.3	221.8	221.5	220.6	218.6
-47.5°	205.9	206.0	206.1	206.1	206.1	206.0	205.9	205.1	204.6	203.9	202.1
-50°	192.0	192.0	192.0	192.0	192.0	192.0	192.0	191.4	190.5	189.6	187.9
-52.5°	179.8	180.3	180.5	180.4	180.5	180.3	179.8	178.9	177.7	176.5	174.6
-55°	168.2	168.7	169.0	168.9	169.0	168.7	168.2	167.2	165.8	164.5	162.7
-57.5°	157.1	157.9	157.9	157.3	157.9	157.9	157.1	155.9	154.5	153.0	151.1
-60°	145.2	146.0	146.1	145.8	146.1	146.0	145.2	144.0	142.6	141.0	139.1
-62.5°	132.5	133.2	133.7	133.8	133.7	133.2	132.5	131.4	130.1	128.5	126.5
-65°	119.6	120.4	120.9	121.0	120.9	120.4	119.6	118.5	117.2	115.6	113.8
-67.5°	106.1	106.8	107.4	107.7	107.4	106.8	106.1	105.1	103.8	102.4	100.7
-70°	92.3	93.1	93.1	92.8	93.1	93.1	92.3	91.3	90.0	88.7	87.2
-72.5°	77.6	78.3	78.4	78.2	78.4	78.3	77.6	76.8	75.8	74.8	73.7
-75°	62.8	63.0	63.0	62.8	63.0	63.0	62.8	62.4	61.8	61.0	60.1
-77.5°	48.6	48.9	49.1	49.2	49.1	48.9	48.6	48.2	47.6	47.0	46.6
-80°	35.3	35.3	35.3	35.1	35.3	35.3	35.3	35.2	35.1	34.8	34.6
-82.5°	24.6	24.7	24.8	24.8	24.8	24.7	24.6	24.5	24.4	24.2	24.1
-85°	14.2	14.0	14.3	14.5	14.3	14.0	14.2	14.3	14.3	14.4	14.2
-87.5°	5.2	5.1	5.3	5.6	5.3	5.1	5.2	5.3	5.3	5.4	5.4
-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: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-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°	5.5	5.5	5.4	5.6	5.8	5.9	6.0	5.8	5.6	5.4	5.2
85°	14.1	13.9	13.6	13.4	13.2	13.0	12.7	12.5	12.3	11.9	11.5
82.5°	23.9	23.7	23.4	22.8	22.1	21.4	20.7	20.3	19.9	19.4	18.9
80°	34.3	33.9	33.4	32.8	32.0	31.1	30.1	29.3	28.4	27.5	26.8
77.5°	46.1	45.5	44.7	43.9	42.9	41.8	40.7	39.7	38.6	37.3	36.2
75°	59.1	58.0	56.9	55.8	54.6	53.3	52.0	50.8	49.4	47.8	46.5
72.5°	72.4	70.9	69.4	67.9	66.4	64.7	63.4	62.2	60.6	58.7	57.4
70°	85.6	83.9	82.0	80.1	78.0	75.9	74.6	73.6	72.1	70.2	69.0
67.5°	98.9	96.8	94.8	92.6	90.3	87.6	86.3	84.8	83.2	81.3	80.7
65°	111.7	109.5	107.6	105.3	102.7	99.9	98.7	97.1	95.1	93.0	92.7
62.5°	124.2	121.5	119.7	117.6	115.1	112.7	111.5	109.8	107.4	105.8	105.6
60°	136.9	134.5	132.6	130.2	127.4	125.6	124.6	122.7	120.1	119.5	119.2
57.5°	149.0	146.9	145.1	142.8	140.0	139.1	138.1	136.2	133.4	133.8	133.2
55°	160.3	158.8	157.4	155.2	152.6	152.9	152.1	150.2	148.6	149.0	148.3
52.5°	172.1	171.4	170.1	167.7	166.6	167.3	166.4	164.5	164.9	165.4	164.2
50°	185.9	185.5	184.1	181.8	182.5	183.0	182.3	179.9	182.2	182.7	181.0
47.5°	201.3	201.3	199.6	197.5	200.0	200.5	199.5	199.7	201.6	201.0	199.1
45°	219.3	219.4	217.7	218.0	219.7	220.1	218.3	221.6	222.8	221.7	218.1
42.5°	241.0	240.8	238.8	241.9	242.9	242.4	242.9	246.4	246.4	243.9	244.1
40°	268.4	266.8	267.3	270.2	270.6	267.6	273.1	274.4	273.2	268.6	275.1
37.5°	303.1	300.1	303.8	304.7	303.4	305.0	308.9	308.1	302.9	307.5	311.5
35°	347.0	346.0	349.5	348.4	343.0	351.9	353.0	347.5	345.6	353.9	353.4
32.5°	401.9	407.7	407.1	402.1	405.4	407.3	404.7	395.3	407.3	410.4	403.1
30°	483.7	486.6	480.3	477.2	483.1	476.5	463.1	476.7	482.0	475.5	459.3
27.5°	595.3	587.0	575.6	582.9	576.1	560.5	565.2	572.1	566.1	550.5	532.2
25°	737.2	713.9	719.7	714.7	692.2	688.0	695.0	687.2	665.4	642.1	667.8
22.5°	915.6	907.0	897.5	869.2	862.4	864.4	847.5	816.0	796.9	821.4	822.2
20°	1155.2	1140.3	1107.8	1095.7	1089.6	1060.4	1017.9	1013.6	1033.7	1023.4	992.4
17.5°	1442.8	1403.7	1396.9	1377.9	1341.9	1284.6	1306.3	1313.8	1294.7	1241.2	1176.1
15°	1752.8	1775.3	1755.7	1697.8	1663.4	1689.3	1676.6	1634.8	1576.8	1478.9	1368.1
12.5°	2261.6	2228.6	2146.1	2176.4	2167.9	2136.5	2072.4	1980.3	1859.9	1701.4	1541.7
10°	2852.1	2828.3	2804.3	2764.4	2698.9	2605.7	2450.0	2277.1	2097.1	1910.2	1716.2
7.5°	3621.6	3557.2	3475.2	3328.9	3146.0	2957.4	2760.0	2553.8	2334.0	2115.9	1889.2
5°	4321.7	4132.4	3939.2	3738.5	3516.7	3291.1	3063.4	2825.6	2566.7	2315.5	2056.9
2.5°	4763.0	4566.0	4353.1	4121.1	3835.8	3547.6	3259.6	2971.7	2663.3	2372.9	2082.7
0°	4959.2	4729.6	4466.7	4205.5	3920.8	3620.2	3297.9	3002.5	2687.0	2391.5	2097.4
-2.5°	4763.0	4566.0	4353.1	4121.1	3835.8	3547.6	3259.6	2971.7	2663.3	2372.9	2082.7
-5°	4321.7	4132.4	3939.2	3738.5	3516.7	3291.1	3063.4	2825.6	2566.7	2315.5	2056.9
-7.5°	3621.6	3557.2	3475.2	3328.9	3146.0	2957.4	2760.0	2553.8	2334.0	2115.9	1889.2
-10°	2852.1	2828.3	2804.3	2764.4	2698.9	2605.7	2450.0	2277.1	2097.1	1910.2	1716.2
-12.5°	2261.6	2228.6	2146.1	2176.4	2167.9	2136.5	2072.4	1980.3	1859.9	1701.4	1541.7
-15°	1752.8	1775.3	1755.7	1697.8	1663.4	1689.3	1676.6	1634.8	1576.8	1478.9	1368.1
-17.5°	1442.8	1403.7	1396.9	1377.9	1341.9	1284.6	1306.3	1313.8	1294.7	1241.2	1176.1
-20°	1155.2	1140.3	1107.8	1095.7	1089.6	1060.4	1017.9	1013.6	1033.7	1023.4	992.4



REPORT NUMBER: P558550 (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°	915.6	907.0	897.5	869.2	862.4	864.4	847.5	816.0	796.9	821.4	822.2
-25°	737.2	713.9	719.7	714.7	692.2	688.0	695.0	687.2	665.4	642.1	667.8
-27.5°	595.3	587.0	575.6	582.9	576.1	560.5	565.2	572.1	566.1	550.5	532.2
-30°	483.7	486.6	480.3	477.2	483.1	476.5	463.1	476.7	482.0	475.5	459.3
-32.5°	401.9	407.7	407.1	402.1	405.4	407.3	404.7	395.3	407.3	410.4	403.1
-35°	347.0	346.0	349.5	348.4	343.0	351.9	353.0	347.5	345.6	353.9	353.4
-37.5°	303.1	300.1	303.8	304.7	303.4	305.0	308.9	308.1	302.9	307.5	311.5
-40°	268.4	266.8	267.3	270.2	270.6	267.6	273.1	274.4	273.2	268.6	275.1
-42.5°	241.0	240.8	238.8	241.9	242.9	242.4	242.9	246.4	246.4	243.9	244.1
-45°	219.3	219.4	217.7	218.0	219.7	220.1	218.3	221.6	222.8	221.7	218.1
-47.5°	201.3	201.3	199.6	197.5	200.0	200.5	199.5	199.7	201.6	201.0	199.1
-50°	185.9	185.5	184.1	181.8	182.5	183.0	182.3	179.9	182.2	182.7	181.0
-52.5°	172.1	171.4	170.1	167.7	166.6	167.3	166.4	164.5	164.9	165.4	164.2
-55°	160.3	158.8	157.4	155.2	152.6	152.9	152.1	150.2	148.6	149.0	148.3
-57.5°	149.0	146.9	145.1	142.8	140.0	139.1	138.1	136.2	133.4	133.8	133.2
-60°	136.9	134.5	132.6	130.2	127.4	125.6	124.6	122.7	120.1	119.5	119.2
-62.5°	124.2	121.5	119.7	117.6	115.1	112.7	111.5	109.8	107.4	105.8	105.6
-65°	111.7	109.5	107.6	105.3	102.7	99.9	98.7	97.1	95.1	93.0	92.7
-67.5°	98.9	96.8	94.8	92.6	90.3	87.6	86.3	84.8	83.2	81.3	80.7
-70°	85.6	83.9	82.0	80.1	78.0	75.9	74.6	73.6	72.1	70.2	69.0
-72.5°	72.4	70.9	69.4	67.9	66.4	64.7	63.4	62.2	60.6	58.7	57.4
-75°	59.1	58.0	56.9	55.8	54.6	53.3	52.0	50.8	49.4	47.8	46.5
-77.5°	46.1	45.5	44.7	43.9	42.9	41.8	40.7	39.7	38.6	37.3	36.2
-80°	34.3	33.9	33.4	32.8	32.0	31.1	30.1	29.3	28.4	27.5	26.8
-82.5°	23.9	23.7	23.4	22.8	22.1	21.4	20.7	20.3	19.9	19.4	18.9
-85°	14.1	13.9	13.6	13.4	13.2	13.0	12.7	12.5	12.3	11.9	11.5
-87.5°	5.5	5.5	5.4	5.6	5.8	5.9	6.0	5.8	5.6	5.4	5.2
-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: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	4.8	4.6	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.6
85°	11.1	10.7	10.1	9.5	8.8	7.9	7.4	6.8	6.4	5.8	5.3
82.5°	18.4	17.8	17.2	16.4	15.7	14.8	13.6	12.2	10.7	9.0	7.9
80°	26.6	26.1	25.3	24.1	23.0	21.6	20.3	18.7	16.7	14.6	12.2
77.5°	35.8	35.0	33.9	32.7	31.3	29.5	27.6	25.3	22.8	20.1	17.2
75°	45.7	44.9	43.6	42.0	39.9	37.5	35.1	32.4	29.4	25.8	22.3
72.5°	56.6	55.3	53.6	51.4	49.0	46.1	42.9	39.5	36.1	32.1	27.5
70°	67.9	66.2	64.2	61.8	58.7	54.8	51.1	47.3	42.9	38.4	33.2
67.5°	79.5	77.6	75.1	72.5	69.2	64.9	59.7	55.4	50.6	44.7	39.0
65°	91.6	89.5	86.5	83.8	80.0	75.3	69.7	64.0	58.4	52.1	44.8
62.5°	104.3	102.0	99.1	95.6	91.3	86.1	79.9	73.8	66.6	59.4	51.2
60°	117.7	115.2	112.2	108.5	103.4	97.2	90.8	83.7	75.8	66.8	57.9
57.5°	131.7	128.8	126.4	122.1	116.3	109.0	102.1	94.4	85.0	75.1	64.7
55°	146.1	143.5	141.2	136.6	129.8	121.7	114.5	105.7	94.7	83.5	71.4
52.5°	161.5	159.7	157.0	151.8	144.4	135.6	128.5	117.3	105.5	92.0	78.9
50°	177.7	177.7	174.2	168.0	159.4	152.2	143.3	131.1	116.6	100.9	86.5
47.5°	197.7	197.5	193.3	185.3	175.5	170.1	159.9	145.6	127.8	111.1	94.2
45°	220.5	219.0	213.9	204.9	196.2	190.3	178.0	160.7	141.5	121.5	101.9
42.5°	245.8	243.0	236.0	225.5	221.9	212.7	196.9	177.8	155.6	131.9	110.4
40°	275.4	269.6	259.8	254.5	250.8	237.0	218.9	195.9	169.9	143.0	119.4
37.5°	308.1	299.6	286.6	290.6	283.0	265.8	242.3	214.5	184.9	155.6	128.3
35°	346.3	333.1	333.4	332.8	319.8	296.7	266.9	234.7	201.5	168.2	137.1
32.5°	388.2	384.7	390.7	381.1	360.1	329.4	294.5	256.8	218.3	180.7	145.7
30°	447.6	461.9	455.6	434.2	404.6	367.0	324.2	279.5	235.3	193.0	154.6
27.5°	550.1	549.6	528.7	495.6	454.5	406.8	354.1	302.6	252.4	205.9	164.7
25°	665.8	649.2	613.2	563.2	507.4	446.7	384.6	326.1	270.9	219.9	174.4
22.5°	798.0	757.7	704.8	635.1	559.8	487.7	417.0	351.7	290.1	233.6	183.9
20°	940.9	873.5	800.7	705.6	616.2	532.4	451.3	377.2	309.0	246.9	192.9
17.5°	1093.9	992.9	892.1	782.0	675.6	577.4	485.6	402.2	327.5	259.8	201.5
15°	1242.1	1112.3	986.1	858.9	735.1	622.4	519.4	426.5	345.4	272.1	208.3
12.5°	1388.3	1233.3	1081.4	935.4	794.2	666.7	552.5	450.0	362.5	280.9	212.7
10°	1534.1	1354.4	1176.7	1010.7	852.0	709.9	584.4	468.4	370.6	286.6	216.3
7.5°	1677.8	1473.5	1270.3	1083.5	901.9	738.1	598.0	476.7	376.0	291.1	219.2
5°	1795.0	1551.2	1313.0	1105.1	915.9	749.3	606.4	483.1	379.6	294.6	221.3
2.5°	1810.9	1564.0	1319.3	1113.7	925.2	756.9	612.0	487.5	381.7	296.9	222.7
0°	1817.0	1568.1	1318.5	1116.3	929.9	761.0	614.8	489.9	382.2	298.0	223.2
-2.5°	1810.9	1564.0	1319.3	1113.7	925.2	756.9	612.0	487.5	381.7	296.9	222.7
-5°	1795.0	1551.2	1313.0	1105.1	915.9	749.3	606.4	483.1	379.6	294.6	221.3
-7.5°	1677.8	1473.5	1270.3	1083.5	901.9	738.1	598.0	476.7	376.0	291.1	219.2
-10°	1534.1	1354.4	1176.7	1010.7	852.0	709.9	584.4	468.4	370.6	286.6	216.3
-12.5°	1388.3	1233.3	1081.4	935.4	794.2	666.7	552.5	450.0	362.5	280.9	212.7
-15°	1242.1	1112.3	986.1	858.9	735.1	622.4	519.4	426.5	345.4	272.1	208.3
-17.5°	1093.9	992.9	892.1	782.0	675.6	577.4	485.6	402.2	327.5	259.8	201.5
-20°	940.9	873.5	800.7	705.6	616.2	532.4	451.3	377.2	309.0	246.9	192.9



REPORT NUMBER: P558550 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	798.0	757.7	704.8	635.1	559.8	487.7	417.0	351.7	290.1	233.6	183.9
-25°	665.8	649.2	613.2	563.2	507.4	446.7	384.6	326.1	270.9	219.9	174.4
-27.5°	550.1	549.6	528.7	495.6	454.5	406.8	354.1	302.6	252.4	205.9	164.7
-30°	447.6	461.9	455.6	434.2	404.6	367.0	324.2	279.5	235.3	193.0	154.6
-32.5°	388.2	384.7	390.7	381.1	360.1	329.4	294.5	256.8	218.3	180.7	145.7
-35°	346.3	333.1	333.4	332.8	319.8	296.7	266.9	234.7	201.5	168.2	137.1
-37.5°	308.1	299.6	286.6	290.6	283.0	265.8	242.3	214.5	184.9	155.6	128.3
-40°	275.4	269.6	259.8	254.5	250.8	237.0	218.9	195.9	169.9	143.0	119.4
-42.5°	245.8	243.0	236.0	225.5	221.9	212.7	196.9	177.8	155.6	131.9	110.4
-45°	220.5	219.0	213.9	204.9	196.2	190.3	178.0	160.7	141.5	121.5	101.9
-47.5°	197.7	197.5	193.3	185.3	175.5	170.1	159.9	145.6	127.8	111.1	94.2
-50°	177.7	177.7	174.2	168.0	159.4	152.2	143.3	131.1	116.6	100.9	86.5
-52.5°	161.5	159.7	157.0	151.8	144.4	135.6	128.5	117.3	105.5	92.0	78.9
-55°	146.1	143.5	141.2	136.6	129.8	121.7	114.5	105.7	94.7	83.5	71.4
-57.5°	131.7	128.8	126.4	122.1	116.3	109.0	102.1	94.4	85.0	75.1	64.7
-60°	117.7	115.2	112.2	108.5	103.4	97.2	90.8	83.7	75.8	66.8	57.9
-62.5°	104.3	102.0	99.1	95.6	91.3	86.1	79.9	73.8	66.6	59.4	51.2
-65°	91.6	89.5	86.5	83.8	80.0	75.3	69.7	64.0	58.4	52.1	44.8
-67.5°	79.5	77.6	75.1	72.5	69.2	64.9	59.7	55.4	50.6	44.7	39.0
-70°	67.9	66.2	64.2	61.8	58.7	54.8	51.1	47.3	42.9	38.4	33.2
-72.5°	56.6	55.3	53.6	51.4	49.0	46.1	42.9	39.5	36.1	32.1	27.5
-75°	45.7	44.9	43.6	42.0	39.9	37.5	35.1	32.4	29.4	25.8	22.3
-77.5°	35.8	35.0	33.9	32.7	31.3	29.5	27.6	25.3	22.8	20.1	17.2
-80°	26.6	26.1	25.3	24.1	23.0	21.6	20.3	18.7	16.7	14.6	12.2
-82.5°	18.4	17.8	17.2	16.4	15.7	14.8	13.6	12.2	10.7	9.0	7.9
-85°	11.1	10.7	10.1	9.5	8.8	7.9	7.4	6.8	6.4	5.8	5.3
-87.5°	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.6
-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°	2.3	2.1	1.7	1.4	1.0	0.5	0.0
85°	4.7	4.1	3.5	2.8	1.9	1.0	0.0
82.5°	7.0	6.2	5.2	4.1	2.9	1.4	0.0
80°	9.6	8.2	7.0	5.5	3.9	1.9	0.0
77.5°	14.1	10.9	8.7	6.9	4.8	2.4	0.0
75°	18.6	14.8	10.7	8.2	5.7	2.9	0.0
72.5°	23.0	18.7	13.9	9.6	6.7	3.3	0.0
70°	27.6	22.5	17.0	11.1	7.6	3.8	0.0
67.5°	32.8	26.3	20.2	13.5	8.5	4.2	0.0
65°	37.9	30.4	23.3	15.9	9.4	4.7	0.0
62.5°	43.1	34.8	26.3	18.3	10.2	5.1	0.0
60°	48.2	39.2	29.3	20.6	11.1	5.5	0.0
57.5°	54.0	43.6	32.9	22.8	12.6	6.0	0.0
55°	59.9	47.9	36.4	25.1	14.1	6.4	0.0
52.5°	65.6	52.3	39.9	27.2	15.5	6.8	0.0
50°	71.3	57.0	43.3	29.4	16.9	7.1	0.0
47.5°	77.0	61.7	46.6	31.5	18.3	7.5	0.0
45°	83.7	66.3	49.8	34.0	19.6	7.8	0.0
42.5°	90.3	70.7	53.0	36.3	20.8	8.2	0.0
40°	96.8	75.1	56.3	38.5	22.0	8.5	0.0
37.5°	103.2	79.3	59.6	40.6	23.2	8.8	0.0
35°	109.6	84.0	62.8	42.5	24.3	9.1	0.0
32.5°	116.1	89.0	65.8	44.3	25.3	9.4	0.0
30°	123.0	93.8	68.7	46.0	26.3	9.6	0.0
27.5°	129.7	98.5	71.2	47.5	27.2	9.8	0.0
25°	136.2	102.9	73.4	48.9	28.0	10.1	0.0
22.5°	142.4	106.9	75.5	50.1	28.8	10.3	0.0
20°	148.2	109.9	77.4	51.2	29.5	10.4	0.0
17.5°	152.6	112.6	79.1	52.2	30.2	10.6	0.0
15°	155.9	114.9	80.6	53.0	30.7	10.7	0.0
12.5°	158.8	116.8	82.0	53.7	31.2	10.8	0.0
10°	161.1	118.4	83.1	54.3	31.6	10.9	0.0
7.5°	162.9	119.6	84.0	54.7	32.0	11.0	0.0
5°	164.3	120.4	84.7	55.0	32.2	11.1	0.0
2.5°	165.1	120.9	85.2	55.1	32.4	11.1	0.0
0°	165.4	121.0	85.5	55.1	32.5	11.1	0.0
-2.5°	165.1	120.9	85.2	55.1	32.4	11.1	0.0
-5°	164.3	120.4	84.7	55.0	32.2	11.1	0.0
-7.5°	162.9	119.6	84.0	54.7	32.0	11.0	0.0
-10°	161.1	118.4	83.1	54.3	31.6	10.9	0.0
-12.5°	158.8	116.8	82.0	53.7	31.2	10.8	0.0
-15°	155.9	114.9	80.6	53.0	30.7	10.7	0.0
-17.5°	152.6	112.6	79.1	52.2	30.2	10.6	0.0
-20°	148.2	109.9	77.4	51.2	29.5	10.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	142.4	106.9	75.5	50.1	28.8	10.3	0.0
-25°	136.2	102.9	73.4	48.9	28.0	10.1	0.0
-27.5°	129.7	98.5	71.2	47.5	27.2	9.8	0.0
-30°	123.0	93.8	68.7	46.0	26.3	9.6	0.0
-32.5°	116.1	89.0	65.8	44.3	25.3	9.4	0.0
-35°	109.6	84.0	62.8	42.5	24.3	9.1	0.0
-37.5°	103.2	79.3	59.6	40.6	23.2	8.8	0.0
-40°	96.8	75.1	56.3	38.5	22.0	8.5	0.0
-42.5°	90.3	70.7	53.0	36.3	20.8	8.2	0.0
-45°	83.7	66.3	49.8	34.0	19.6	7.8	0.0
-47.5°	77.0	61.7	46.6	31.5	18.3	7.5	0.0
-50°	71.3	57.0	43.3	29.4	16.9	7.1	0.0
-52.5°	65.6	52.3	39.9	27.2	15.5	6.8	0.0
-55°	59.9	47.9	36.4	25.1	14.1	6.4	0.0
-57.5°	54.0	43.6	32.9	22.8	12.6	6.0	0.0
-60°	48.2	39.2	29.3	20.6	11.1	5.5	0.0
-62.5°	43.1	34.8	26.3	18.3	10.2	5.1	0.0
-65°	37.9	30.4	23.3	15.9	9.4	4.7	0.0
-67.5°	32.8	26.3	20.2	13.5	8.5	4.2	0.0
-70°	27.6	22.5	17.0	11.1	7.6	3.8	0.0
-72.5°	23.0	18.7	13.9	9.6	6.7	3.3	0.0
-75°	18.6	14.8	10.7	8.2	5.7	2.9	0.0
-77.5°	14.1	10.9	8.7	6.9	4.8	2.4	0.0
-80°	9.6	8.2	7.0	5.5	3.9	1.9	0.0
-82.5°	7.0	6.2	5.2	4.1	2.9	1.4	0.0
-85°	4.7	4.1	3.5	2.8	1.9	1.0	0.0
-87.5°	2.3	2.1	1.7	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)