

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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-927-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558718 (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-SA2E-927-U-NAT-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (32) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

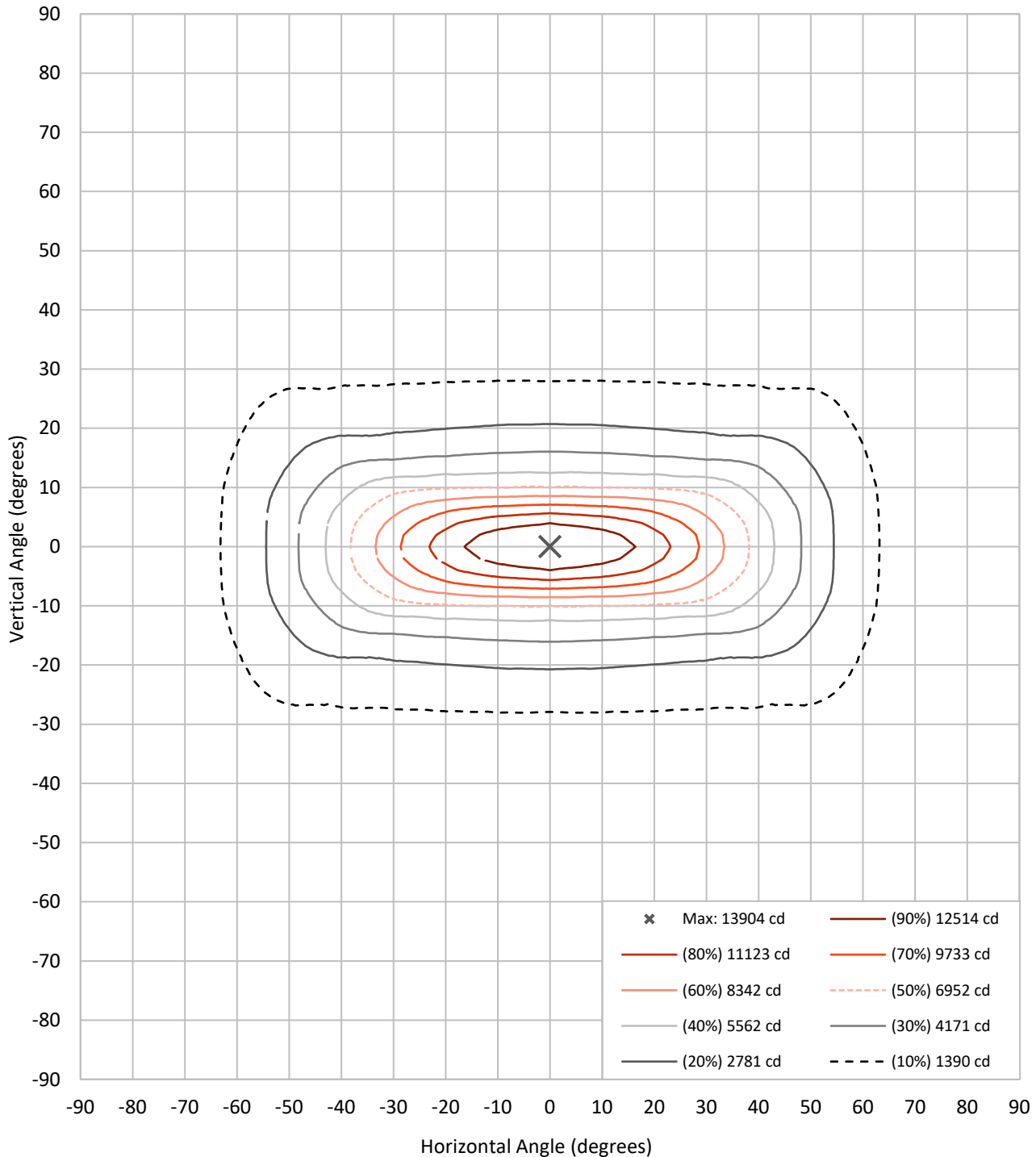
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	9957.8 lumens	Max Intensity:	13904 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	3984.1 lumens	Field Lumens:	8161.5 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 127  
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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CATALOG NUMBER: GFLD-SA2E-927-U-NAT-XX

### Iso-Candela Plot





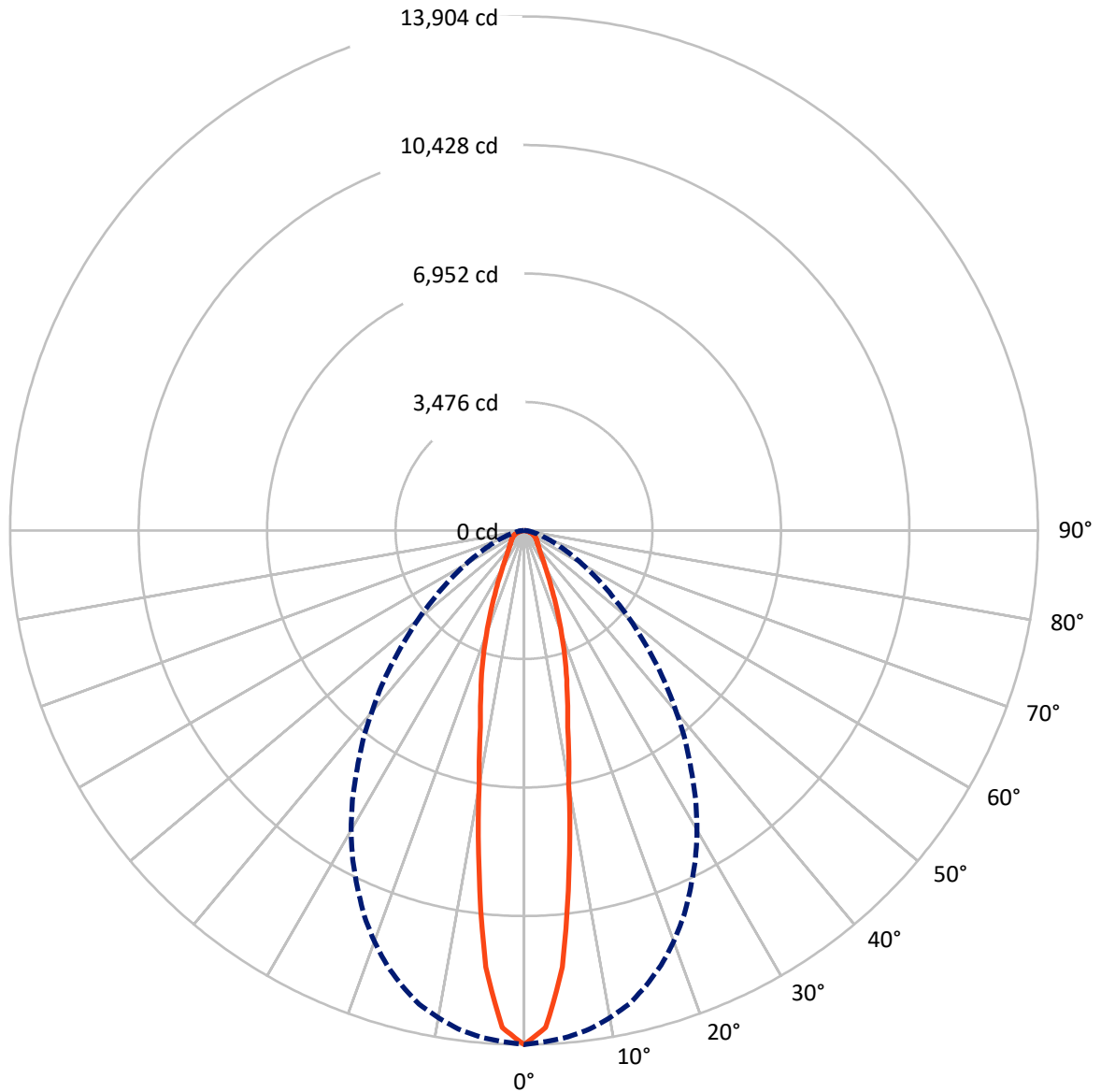
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### Lumen Table

90																			
80	0.5	3.4		7.0		10.1		11.4		10.1		7.0		3.4		0.5			
70																			
60	2.1	2.0	3.5	4.8	5.9	7.1	8.1	8.7	8.7	8.1	7.1	5.9	4.8	3.5	2.0	2.1			
50		3.3	5.7	7.6	9.0	10.4	11.5	12.2	12.2	11.5	10.4	9.0	7.6	5.7	3.3				
40	4.3	5.0	8.6	11.4	13.2	14.6	15.7	16.3	16.3	15.7	14.6	13.2	11.4	8.6	5.0	4.3			
30		7.3	13.8	18.3	21.3	23.5	25.1	25.9	25.9	25.1	23.5	21.3	18.3	13.8	7.3				
20	6.6	10.3	23.5	35.1	42.4	49.2	54.8	58.0	58.0	54.8	49.2	42.4	35.1	23.5	10.3	6.6			
10		13.6	36.3	69.8	100.4	119.7	133.3	141.0	141.0	133.3	119.7	100.4	69.8	36.3	13.6				
0	7.5	15.6	46.6	102.9	178.0	252.5	307.3	336.1	336.1	307.3	252.5	178.0	102.9	46.6	15.6	7.5			
-10		15.6	46.6	102.9	178.0	252.5	307.3	336.1	336.1	307.3	252.5	178.0	102.9	46.6	15.6				
-20	6.6	13.6	36.3	69.8	100.4	119.7	133.3	141.0	141.0	133.3	119.7	100.4	69.8	36.3	13.6	6.6			
-30		10.3	23.5	35.1	42.4	49.2	54.8	58.0	58.0	54.8	49.2	42.4	35.1	23.5	10.3				
-40	4.3	7.3	13.8	18.3	21.3	23.5	25.1	25.9	25.9	25.1	23.5	21.3	18.3	13.8	7.3	4.3			
-50		5.0	8.6	11.4	13.2	14.6	15.7	16.3	16.3	15.7	14.6	13.2	11.4	8.6	5.0				
-60	2.1	3.3	5.7	7.6	9.0	10.4	11.5	12.2	12.2	11.5	10.4	9.0	7.6	5.7	3.3	2.1			
-70		2.0	3.5	4.8	5.9	7.1	8.1	8.7	8.7	8.1	7.1	5.9	4.8	3.5	2.0				
-80	0.5	3.4		7.0		10.1		11.4		10.1		7.0		3.4		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2E-927-U-NAT-XX

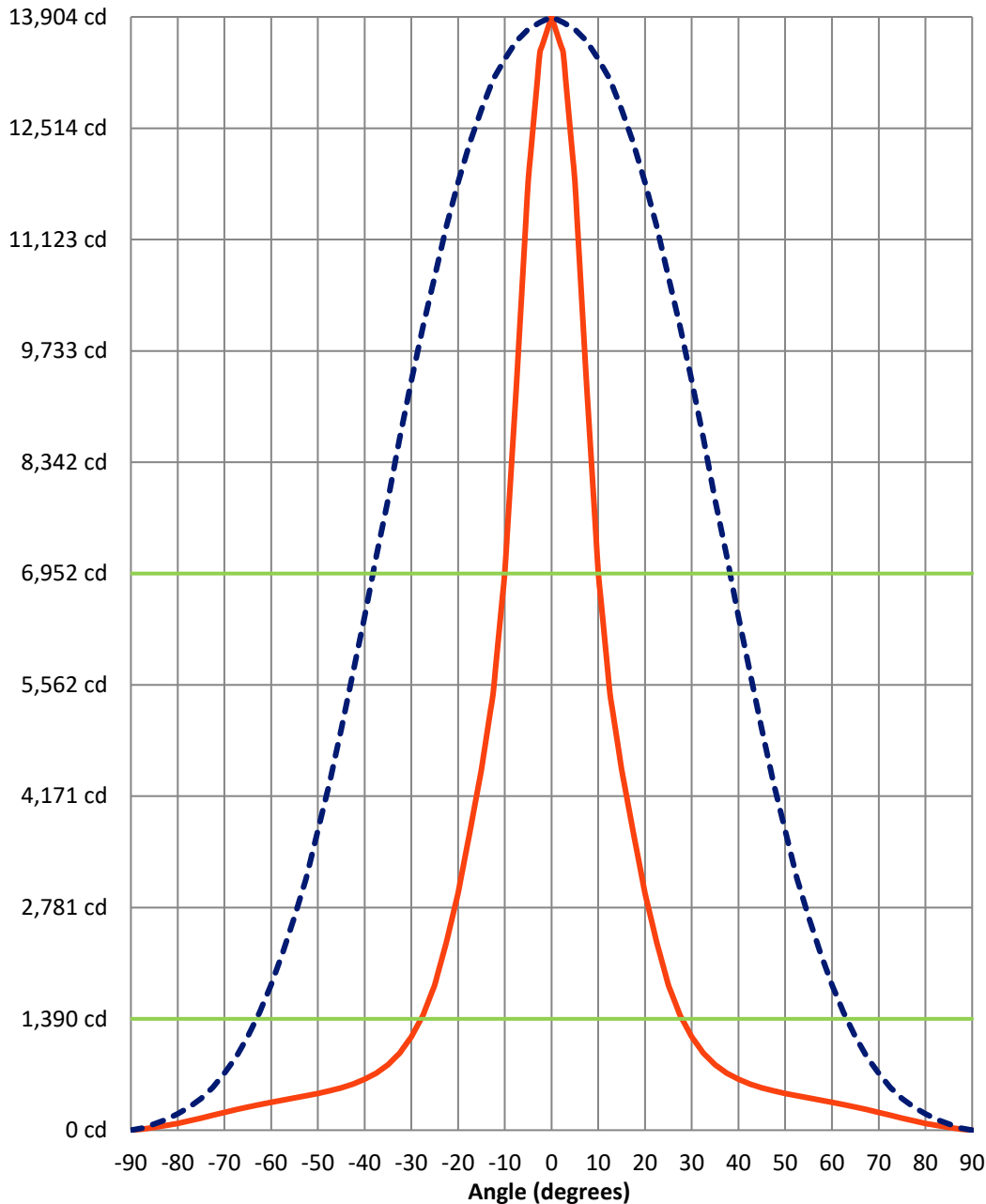
### Luminous Intensity Polar Plot



— 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: 3984.1  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 8161.5  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 1796.3  
 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	1.2	2.3	3.3	4.2	4.9	5.5	6.3	7.0	7.6	8.2
85°	0.0	2.3	4.6	6.6	8.3	9.8	11.1	12.6	13.9	15.2	16.4
82.5°	0.0	3.5	6.9	9.9	12.5	14.7	16.6	18.8	21.4	25.5	29.2
80°	0.0	4.6	9.2	13.1	16.6	19.6	22.8	29.0	34.7	40.0	44.7
77.5°	0.0	5.7	11.5	16.4	20.7	26.0	33.6	41.1	48.1	54.4	60.5
75°	0.0	6.9	13.7	19.6	25.5	35.3	44.3	53.1	61.6	70.1	77.4
72.5°	0.0	8.0	15.9	22.9	33.1	44.5	55.0	65.6	76.6	86.2	94.3
70°	0.0	9.1	18.1	26.6	40.7	53.7	65.8	79.4	91.7	102.4	112.9
67.5°	0.0	10.1	20.3	32.3	48.1	62.8	78.2	93.1	106.8	120.8	132.1
65°	0.0	11.2	22.4	38.0	55.5	72.6	90.6	106.8	124.3	139.4	152.7
62.5°	0.0	12.2	24.4	43.6	62.8	83.2	102.8	122.2	141.8	158.8	176.2
60°	0.0	13.2	26.5	49.1	70.0	93.7	115.0	138.3	159.4	180.9	199.8
57.5°	0.0	14.2	30.1	54.5	78.5	104.1	128.9	154.4	179.1	202.9	225.3
55°	0.0	15.2	33.6	59.8	86.9	114.4	142.9	170.3	199.3	225.9	252.3
52.5°	0.0	16.1	37.0	65.0	95.2	124.8	156.6	188.3	219.4	251.8	280.0
50°	0.0	17.0	40.4	70.1	103.3	136.2	170.1	206.5	240.7	278.2	313.0
47.5°	0.0	17.9	43.6	75.3	111.2	147.3	183.8	224.8	265.0	305.0	347.6
45°	0.0	18.7	46.7	81.1	119.0	158.2	199.7	243.2	289.8	337.7	383.5
42.5°	0.0	19.5	49.7	86.8	126.5	168.8	215.4	263.5	314.7	371.3	424.4
40°	0.0	20.3	52.6	92.0	134.3	179.2	231.0	285.0	341.3	405.4	467.4
37.5°	0.0	21.0	55.3	96.9	142.2	189.2	246.4	306.3	371.4	441.2	511.9
35°	0.0	21.7	57.9	101.5	149.8	200.5	261.5	327.2	401.4	480.9	560.0
32.5°	0.0	22.3	60.4	105.8	157.1	212.4	277.1	347.8	431.2	521.0	612.9
30°	0.0	22.9	62.7	109.8	164.1	223.9	293.6	369.0	460.7	561.5	667.1
27.5°	0.0	23.5	64.9	113.4	169.9	235.0	309.7	393.0	491.5	602.2	722.2
25°	0.0	24.0	66.9	116.7	175.2	245.7	325.1	416.3	524.7	646.5	778.2
22.5°	0.0	24.5	68.7	119.7	180.1	255.2	339.8	438.8	557.4	692.3	839.4
20°	0.0	24.9	70.4	122.4	184.7	262.4	353.8	460.4	589.2	737.4	900.0
17.5°	0.0	25.3	71.9	124.7	188.8	268.7	364.3	480.9	619.9	781.5	959.7
15°	0.0	25.6	73.3	126.7	192.4	274.2	372.2	497.0	649.3	824.2	1017.8
12.5°	0.0	25.9	74.5	128.3	195.6	278.8	378.9	507.5	670.4	865.2	1073.9
10°	0.0	26.1	75.4	129.6	198.3	282.5	384.5	516.2	683.8	884.5	1117.7
7.5°	0.0	26.3	76.2	130.6	200.6	285.3	388.9	523.1	694.7	897.2	1137.5
5°	0.0	26.4	76.9	131.2	202.3	287.3	392.1	528.2	702.9	906.0	1152.9
2.5°	0.0	26.5	77.3	131.6	203.5	288.4	394.0	531.3	708.4	910.9	1163.5
0°	0.0	26.5	77.5	131.6	204.1	288.7	394.8	532.6	711.1	912.1	1169.2
-2.5°	0.0	26.5	77.3	131.6	203.5	288.4	394.0	531.3	708.4	910.9	1163.5
-5°	0.0	26.4	76.9	131.2	202.3	287.3	392.1	528.2	702.9	906.0	1152.9
-7.5°	0.0	26.3	76.2	130.6	200.6	285.3	388.9	523.1	694.7	897.2	1137.5
-10°	0.0	26.1	75.4	129.6	198.3	282.5	384.5	516.2	683.8	884.5	1117.7
-12.5°	0.0	25.9	74.5	128.3	195.6	278.8	378.9	507.5	670.4	865.2	1073.9
-15°	0.0	25.6	73.3	126.7	192.4	274.2	372.2	497.0	649.3	824.2	1017.8
-17.5°	0.0	25.3	71.9	124.7	188.8	268.7	364.3	480.9	619.9	781.5	959.7
-20°	0.0	24.9	70.4	122.4	184.7	262.4	353.8	460.4	589.2	737.4	900.0



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 CATALOG NUMBER: GFLD-SA2E-927-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	24.5	68.7	119.7	180.1	255.2	339.8	438.8	557.4	692.3	839.4
-25°	0.0	24.0	66.9	116.7	175.2	245.7	325.1	416.3	524.7	646.5	778.2
-27.5°	0.0	23.5	64.9	113.4	169.9	235.0	309.7	393.0	491.5	602.2	722.2
-30°	0.0	22.9	62.7	109.8	164.1	223.9	293.6	369.0	460.7	561.5	667.1
-32.5°	0.0	22.3	60.4	105.8	157.1	212.4	277.1	347.8	431.2	521.0	612.9
-35°	0.0	21.7	57.9	101.5	149.8	200.5	261.5	327.2	401.4	480.9	560.0
-37.5°	0.0	21.0	55.3	96.9	142.2	189.2	246.4	306.3	371.4	441.2	511.9
-40°	0.0	20.3	52.6	92.0	134.3	179.2	231.0	285.0	341.3	405.4	467.4
-42.5°	0.0	19.5	49.7	86.8	126.5	168.8	215.4	263.5	314.7	371.3	424.4
-45°	0.0	18.7	46.7	81.1	119.0	158.2	199.7	243.2	289.8	337.7	383.5
-47.5°	0.0	17.9	43.6	75.3	111.2	147.3	183.8	224.8	265.0	305.0	347.6
-50°	0.0	17.0	40.4	70.1	103.3	136.2	170.1	206.5	240.7	278.2	313.0
-52.5°	0.0	16.1	37.0	65.0	95.2	124.8	156.6	188.3	219.4	251.8	280.0
-55°	0.0	15.2	33.6	59.8	86.9	114.4	142.9	170.3	199.3	225.9	252.3
-57.5°	0.0	14.2	30.1	54.5	78.5	104.1	128.9	154.4	179.1	202.9	225.3
-60°	0.0	13.2	26.5	49.1	70.0	93.7	115.0	138.3	159.4	180.9	199.8
-62.5°	0.0	12.2	24.4	43.6	62.8	83.2	102.8	122.2	141.8	158.8	176.2
-65°	0.0	11.2	22.4	38.0	55.5	72.6	90.6	106.8	124.3	139.4	152.7
-67.5°	0.0	10.1	20.3	32.3	48.1	62.8	78.2	93.1	106.8	120.8	132.1
-70°	0.0	9.1	18.1	26.6	40.7	53.7	65.8	79.4	91.7	102.4	112.9
-72.5°	0.0	8.0	15.9	22.9	33.1	44.5	55.0	65.6	76.6	86.2	94.3
-75°	0.0	6.9	13.7	19.6	25.5	35.3	44.3	53.1	61.6	70.1	77.4
-77.5°	0.0	5.7	11.5	16.4	20.7	26.0	33.6	41.1	48.1	54.4	60.5
-80°	0.0	4.6	9.2	13.1	16.6	19.6	22.8	29.0	34.7	40.0	44.7
-82.5°	0.0	3.5	6.9	9.9	12.5	14.7	16.6	18.8	21.4	25.5	29.2
-85°	0.0	2.3	4.6	6.6	8.3	9.8	11.1	12.6	13.9	15.2	16.4
-87.5°	0.0	1.2	2.3	3.3	4.2	4.9	5.5	6.3	7.0	7.6	8.2
-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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	8.8	9.4	10.0	10.6	11.0	11.5	11.9	12.2	12.8	13.3	13.7
85°	17.7	18.9	20.9	22.6	24.1	25.4	26.5	27.5	28.4	29.3	29.9
82.5°	32.5	35.2	37.4	39.0	40.9	42.5	43.9	45.1	46.4	47.6	48.6
80°	48.5	51.6	54.8	57.6	60.3	62.3	63.6	64.2	65.8	67.9	70.0
77.5°	65.8	70.5	74.6	78.2	81.1	83.6	85.5	86.6	89.2	92.1	94.7
75°	83.7	89.4	95.1	100.1	104.1	107.0	109.2	110.9	114.0	117.9	121.3
72.5°	102.3	110.0	116.8	122.7	128.0	132.0	135.1	137.0	140.1	144.7	148.4
70°	122.0	130.8	140.0	147.5	153.1	157.9	161.9	164.7	167.5	172.1	175.6
67.5°	142.3	154.9	165.0	173.0	179.3	185.2	189.7	192.7	193.9	198.6	202.5
65°	166.2	179.7	191.0	200.0	206.3	213.6	218.6	221.1	221.8	226.9	231.8
62.5°	190.6	205.5	217.9	228.2	236.4	243.3	249.0	252.1	252.6	256.4	261.9
60°	216.7	231.9	246.7	259.1	267.9	275.0	281.1	284.4	285.0	286.6	292.9
57.5°	243.8	260.3	277.5	291.4	301.7	307.5	314.2	317.8	319.4	318.5	325.0
55°	273.4	290.5	309.9	326.1	337.1	342.4	348.6	353.9	355.8	354.6	358.4
52.5°	306.8	323.8	344.6	362.4	374.6	380.9	385.4	391.8	394.7	393.4	392.6
50°	341.9	363.4	380.6	400.8	415.6	424.0	424.1	432.1	435.9	434.8	429.5
47.5°	381.7	405.9	418.9	442.2	461.3	471.3	471.9	475.1	479.8	481.1	476.5
45°	424.7	454.2	468.2	489.0	510.5	522.6	526.3	520.6	529.0	531.7	528.8
42.5°	470.0	507.7	529.7	538.2	563.1	580.0	586.5	582.5	582.1	588.0	587.9
40°	522.3	565.5	598.7	607.4	620.0	643.3	657.1	656.4	640.9	651.9	654.8
37.5°	578.2	634.4	675.3	693.5	683.9	715.0	735.2	743.4	733.7	722.9	735.3
35°	637.1	708.0	763.2	794.2	795.6	794.9	826.5	843.5	844.6	824.8	829.3
32.5°	702.9	786.2	859.3	909.5	932.3	918.2	926.4	962.0	979.5	972.0	943.4
30°	773.6	875.8	965.5	1036.3	1087.2	1102.2	1068.2	1096.0	1134.7	1150.1	1137.7
27.5°	845.1	970.9	1084.6	1182.8	1261.7	1311.7	1312.9	1270.0	1313.8	1351.0	1365.4
25°	917.8	1066.0	1210.9	1344.0	1463.4	1549.4	1589.0	1593.6	1532.3	1588.0	1639.9
22.5°	995.2	1163.9	1335.8	1515.6	1682.1	1808.4	1904.3	1962.1	1960.2	1901.7	1947.3
20°	1077.1	1270.5	1470.6	1683.9	1911.0	2084.5	2245.3	2368.3	2442.3	2466.9	2419.0
17.5°	1158.9	1378.0	1612.2	1866.2	2128.9	2369.5	2610.5	2806.7	2962.2	3089.8	3135.5
15°	1239.6	1485.3	1754.2	2049.7	2353.3	2654.5	2964.3	3264.8	3529.4	3762.9	3901.4
12.5°	1318.5	1591.0	1895.2	2232.4	2580.8	2943.3	3313.0	3679.2	4060.3	4438.6	4726.1
10°	1394.6	1694.0	2033.3	2411.9	2808.1	3232.1	3661.2	4095.6	4558.7	5004.8	5434.3
7.5°	1427.2	1761.4	2152.2	2585.8	3031.6	3516.4	4004.0	4508.4	5049.4	5570.0	6094.5
5°	1447.2	1788.1	2185.6	2637.3	3133.3	3701.9	4283.7	4908.5	5525.9	6125.2	6743.3
2.5°	1460.5	1806.4	2208.0	2657.7	3148.4	3732.4	4321.5	4970.3	5662.9	6355.9	7091.8
0°	1467.1	1816.1	2219.1	2663.9	3146.5	3742.3	4336.1	5005.4	5707.3	6412.3	7165.3
-2.5°	1460.5	1806.4	2208.0	2657.7	3148.4	3732.4	4321.5	4970.3	5662.9	6355.9	7091.8
-5°	1447.2	1788.1	2185.6	2637.3	3133.3	3701.9	4283.7	4908.5	5525.9	6125.2	6743.3
-7.5°	1427.2	1761.4	2152.2	2585.8	3031.6	3516.4	4004.0	4508.4	5049.4	5570.0	6094.5
-10°	1394.6	1694.0	2033.3	2411.9	2808.1	3232.1	3661.2	4095.6	4558.7	5004.8	5434.3
-12.5°	1318.5	1591.0	1895.2	2232.4	2580.8	2943.3	3313.0	3679.2	4060.3	4438.6	4726.1
-15°	1239.6	1485.3	1754.2	2049.7	2353.3	2654.5	2964.3	3264.8	3529.4	3762.9	3901.4
-17.5°	1158.9	1378.0	1612.2	1866.2	2128.9	2369.5	2610.5	2806.7	2962.2	3089.8	3135.5
-20°	1077.1	1270.5	1470.6	1683.9	1911.0	2084.5	2245.3	2368.3	2442.3	2466.9	2419.0



REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	995.2	1163.9	1335.8	1515.6	1682.1	1808.4	1904.3	1962.1	1960.2	1901.7	1947.3
-25°	917.8	1066.0	1210.9	1344.0	1463.4	1549.4	1589.0	1593.6	1532.3	1588.0	1639.9
-27.5°	845.1	970.9	1084.6	1182.8	1261.7	1311.7	1312.9	1270.0	1313.8	1351.0	1365.4
-30°	773.6	875.8	965.5	1036.3	1087.2	1102.2	1068.2	1096.0	1134.7	1150.1	1137.7
-32.5°	702.9	786.2	859.3	909.5	932.3	918.2	926.4	962.0	979.5	972.0	943.4
-35°	637.1	708.0	763.2	794.2	795.6	794.9	826.5	843.5	844.6	824.8	829.3
-37.5°	578.2	634.4	675.3	693.5	683.9	715.0	735.2	743.4	733.7	722.9	735.3
-40°	522.3	565.5	598.7	607.4	620.0	643.3	657.1	656.4	640.9	651.9	654.8
-42.5°	470.0	507.7	529.7	538.2	563.1	580.0	586.5	582.5	582.1	588.0	587.9
-45°	424.7	454.2	468.2	489.0	510.5	522.6	526.3	520.6	529.0	531.7	528.8
-47.5°	381.7	405.9	418.9	442.2	461.3	471.3	471.9	475.1	479.8	481.1	476.5
-50°	341.9	363.4	380.6	400.8	415.6	424.0	424.1	432.1	435.9	434.8	429.5
-52.5°	306.8	323.8	344.6	362.4	374.6	380.9	385.4	391.8	394.7	393.4	392.6
-55°	273.4	290.5	309.9	326.1	337.1	342.4	348.6	353.9	355.8	354.6	358.4
-57.5°	243.8	260.3	277.5	291.4	301.7	307.5	314.2	317.8	319.4	318.5	325.0
-60°	216.7	231.9	246.7	259.1	267.9	275.0	281.1	284.4	285.0	286.6	292.9
-62.5°	190.6	205.5	217.9	228.2	236.4	243.3	249.0	252.1	252.6	256.4	261.9
-65°	166.2	179.7	191.0	200.0	206.3	213.6	218.6	221.1	221.8	226.9	231.8
-67.5°	142.3	154.9	165.0	173.0	179.3	185.2	189.7	192.7	193.9	198.6	202.5
-70°	122.0	130.8	140.0	147.5	153.1	157.9	161.9	164.7	167.5	172.1	175.6
-72.5°	102.3	110.0	116.8	122.7	128.0	132.0	135.1	137.0	140.1	144.7	148.4
-75°	83.7	89.4	95.1	100.1	104.1	107.0	109.2	110.9	114.0	117.9	121.3
-77.5°	65.8	70.5	74.6	78.2	81.1	83.6	85.5	86.6	89.2	92.1	94.7
-80°	48.5	51.6	54.8	57.6	60.3	62.3	63.6	64.2	65.8	67.9	70.0
-82.5°	32.5	35.2	37.4	39.0	40.9	42.5	43.9	45.1	46.4	47.6	48.6
-85°	17.7	18.9	20.9	22.6	24.1	25.4	26.5	27.5	28.4	29.3	29.9
-87.5°	8.8	9.4	10.0	10.6	11.0	11.5	11.9	12.2	12.8	13.3	13.7
-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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	14.2	14.0	13.7	13.4	13.0	13.0	13.0	12.9	12.8	12.7	12.6
85°	30.3	30.9	31.5	32.0	32.5	33.0	33.5	33.9	34.2	34.2	34.0
82.5°	49.5	51.1	52.8	54.3	55.8	56.6	57.1	57.5	57.7	58.2	58.6
80°	71.8	74.3	76.5	78.4	79.9	81.0	81.9	82.6	83.1	83.7	84.1
77.5°	97.1	99.8	102.4	104.7	106.6	108.5	110.0	111.2	112.1	113.6	114.9
75°	124.0	127.1	130.3	133.2	135.7	138.4	141.1	143.5	145.6	147.5	148.8
72.5°	151.3	154.5	158.5	162.1	165.5	169.1	172.7	175.8	178.5	181.0	183.3
70°	178.2	181.2	186.2	191.1	195.7	200.0	204.3	208.2	211.6	214.9	217.8
67.5°	205.9	209.1	215.4	221.1	226.1	230.9	235.9	240.4	244.2	247.7	250.7
65°	235.5	238.3	245.2	251.4	256.7	261.2	266.6	271.4	275.8	279.6	282.8
62.5°	266.2	269.0	274.6	280.7	285.8	290.1	296.5	301.9	306.6	310.4	313.7
60°	297.3	299.7	304.0	310.8	316.5	321.2	326.7	332.0	336.5	340.3	343.8
57.5°	329.6	332.0	334.1	340.9	346.4	350.6	355.5	360.7	365.1	368.6	372.2
55°	362.9	364.8	364.2	370.4	375.5	379.0	382.7	388.2	392.5	395.7	398.9
52.5°	397.0	399.3	397.7	400.4	406.0	409.1	410.7	416.7	421.1	423.9	426.9
50°	435.0	436.8	435.4	433.9	439.3	442.6	443.5	448.3	452.4	454.6	456.7
47.5°	476.2	478.3	477.2	471.3	476.1	480.3	480.4	482.5	486.7	488.3	489.6
45°	520.9	525.2	524.3	520.1	519.5	523.7	523.3	521.6	526.4	528.6	529.3
42.5°	579.7	578.3	579.7	577.3	569.8	574.6	575.2	569.1	575.2	577.8	576.3
40°	651.6	638.5	645.7	644.7	637.7	636.7	640.4	635.5	636.4	640.2	637.3
37.5°	737.2	727.8	723.9	727.1	725.1	716.2	723.3	721.6	716.0	722.3	719.5
35°	842.5	839.7	818.6	831.5	834.1	825.7	828.1	831.8	819.6	829.2	828.2
32.5°	965.7	972.0	967.4	959.5	971.5	973.0	959.1	975.8	969.1	971.5	978.1
30°	1105.2	1137.2	1152.8	1138.9	1146.4	1161.3	1154.4	1166.1	1171.6	1162.9	1179.3
27.5°	1348.9	1337.5	1374.9	1391.1	1373.8	1400.9	1420.6	1411.9	1440.8	1423.7	1448.1
25°	1658.6	1642.0	1651.9	1705.6	1717.5	1703.7	1759.3	1765.9	1788.8	1791.6	1808.6
22.5°	2022.5	2062.8	2058.1	2074.4	2141.8	2164.4	2184.9	2238.4	2226.2	2274.7	2283.1
20°	2429.3	2530.6	2600.3	2614.9	2643.8	2721.3	2756.9	2799.1	2827.3	2873.3	2912.0
17.5°	3117.6	3065.7	3202.5	3288.4	3333.5	3349.7	3443.1	3473.5	3543.7	3583.8	3623.5
15°	4001.2	4031.4	3969.7	4051.6	4190.0	4236.7	4182.9	4308.4	4343.7	4411.2	4423.1
12.5°	4945.7	5098.6	5173.6	5193.9	5121.6	5318.4	5397.2	5298.3	5410.6	5390.3	5482.7
10°	5846.9	6218.4	6440.8	6597.2	6692.3	6749.6	6806.5	6908.8	6910.5	6986.3	6942.1
7.5°	6586.8	7057.8	7507.8	7944.3	8293.4	8489.2	8642.8	8790.2	8986.9	9081.2	9142.3
5°	7310.7	7854.1	8392.5	8921.6	9400.8	9861.7	10313.5	10705.4	10913.1	11155.8	11372.1
2.5°	7778.9	8466.2	9153.8	9834.8	10388.5	10896.5	11366.7	11803.4	12186.6	12541.0	12840.3
0°	7870.2	8639.5	9356.8	10036.2	10659.6	11287.1	11835.0	12328.8	12746.0	13122.5	13376.6
-2.5°	7778.9	8466.2	9153.8	9834.8	10388.5	10896.5	11366.7	11803.4	12186.6	12541.0	12840.3
-5°	7310.7	7854.1	8392.5	8921.6	9400.8	9861.7	10313.5	10705.4	10913.1	11155.8	11372.1
-7.5°	6586.8	7057.8	7507.8	7944.3	8293.4	8489.2	8642.8	8790.2	8986.9	9081.2	9142.3
-10°	5846.9	6218.4	6440.8	6597.2	6692.3	6749.6	6806.5	6908.8	6910.5	6986.3	6942.1
-12.5°	4945.7	5098.6	5173.6	5193.9	5121.6	5318.4	5397.2	5298.3	5410.6	5390.3	5482.7
-15°	4001.2	4031.4	3969.7	4051.6	4190.0	4236.7	4182.9	4308.4	4343.7	4411.2	4423.1
-17.5°	3117.6	3065.7	3202.5	3288.4	3333.5	3349.7	3443.1	3473.5	3543.7	3583.8	3623.5
-20°	2429.3	2530.6	2600.3	2614.9	2643.8	2721.3	2756.9	2799.1	2827.3	2873.3	2912.0



REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2022.5	2062.8	2058.1	2074.4	2141.8	2164.4	2184.9	2238.4	2226.2	2274.7	2283.1
-25°	1658.6	1642.0	1651.9	1705.6	1717.5	1703.7	1759.3	1765.9	1788.8	1791.6	1808.6
-27.5°	1348.9	1337.5	1374.9	1391.1	1373.8	1400.9	1420.6	1411.9	1440.8	1423.7	1448.1
-30°	1105.2	1137.2	1152.8	1138.9	1146.4	1161.3	1154.4	1166.1	1171.6	1162.9	1179.3
-32.5°	965.7	972.0	967.4	959.5	971.5	973.0	959.1	975.8	969.1	971.5	978.1
-35°	842.5	839.7	818.6	831.5	834.1	825.7	828.1	831.8	819.6	829.2	828.2
-37.5°	737.2	727.8	723.9	727.1	725.1	716.2	723.3	721.6	716.0	722.3	719.5
-40°	651.6	638.5	645.7	644.7	637.7	636.7	640.4	635.5	636.4	640.2	637.3
-42.5°	579.7	578.3	579.7	577.3	569.8	574.6	575.2	569.1	575.2	577.8	576.3
-45°	520.9	525.2	524.3	520.1	519.5	523.7	523.3	521.6	526.4	528.6	529.3
-47.5°	476.2	478.3	477.2	471.3	476.1	480.3	480.4	482.5	486.7	488.3	489.6
-50°	435.0	436.8	435.4	433.9	439.3	442.6	443.5	448.3	452.4	454.6	456.7
-52.5°	397.0	399.3	397.7	400.4	406.0	409.1	410.7	416.7	421.1	423.9	426.9
-55°	362.9	364.8	364.2	370.4	375.5	379.0	382.7	388.2	392.5	395.7	398.9
-57.5°	329.6	332.0	334.1	340.9	346.4	350.6	355.5	360.7	365.1	368.6	372.2
-60°	297.3	299.7	304.0	310.8	316.5	321.2	326.7	332.0	336.5	340.3	343.8
-62.5°	266.2	269.0	274.6	280.7	285.8	290.1	296.5	301.9	306.6	310.4	313.7
-65°	235.5	238.3	245.2	251.4	256.7	261.2	266.6	271.4	275.8	279.6	282.8
-67.5°	205.9	209.1	215.4	221.1	226.1	230.9	235.9	240.4	244.2	247.7	250.7
-70°	178.2	181.2	186.2	191.1	195.7	200.0	204.3	208.2	211.6	214.9	217.8
-72.5°	151.3	154.5	158.5	162.1	165.5	169.1	172.7	175.8	178.5	181.0	183.3
-75°	124.0	127.1	130.3	133.2	135.7	138.4	141.1	143.5	145.6	147.5	148.8
-77.5°	97.1	99.8	102.4	104.7	106.6	108.5	110.0	111.2	112.1	113.6	114.9
-80°	71.8	74.3	76.5	78.4	79.9	81.0	81.9	82.6	83.1	83.7	84.1
-82.5°	49.5	51.1	52.8	54.3	55.8	56.6	57.1	57.5	57.7	58.2	58.6
-85°	30.3	30.9	31.5	32.0	32.5	33.0	33.5	33.9	34.2	34.2	34.0
-87.5°	14.2	14.0	13.7	13.4	13.0	13.0	13.0	12.9	12.8	12.7	12.6
-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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	12.4	12.2	12.7	13.3	12.7	12.2	12.4	12.6	12.7	12.8	12.9
85°	33.8	33.5	34.2	34.7	34.2	33.5	33.8	34.0	34.2	34.2	33.9
82.5°	58.8	58.9	59.1	59.2	59.1	58.9	58.8	58.6	58.2	57.7	57.5
80°	84.3	84.3	84.1	83.7	84.1	84.3	84.3	84.1	83.7	83.1	82.6
77.5°	115.9	116.7	117.1	117.3	117.1	116.7	115.9	114.9	113.6	112.1	111.2
75°	149.8	150.2	150.3	150.0	150.3	150.2	149.8	148.8	147.5	145.6	143.5
72.5°	185.2	186.7	187.0	186.7	187.0	186.7	185.2	183.3	181.0	178.5	175.8
70°	220.3	222.2	222.2	221.4	222.2	222.2	220.3	217.8	214.9	211.6	208.2
67.5°	253.1	254.9	256.3	257.1	256.3	254.9	253.1	250.7	247.7	244.2	240.4
65°	285.4	287.3	288.4	288.7	288.4	287.3	285.4	282.8	279.6	275.8	271.4
62.5°	316.1	317.9	319.0	319.3	319.0	317.9	316.1	313.7	310.4	306.6	301.9
60°	346.4	348.4	348.7	347.9	348.7	348.4	346.4	343.8	340.3	336.5	332.0
57.5°	374.9	376.9	376.9	375.5	376.9	376.9	374.9	372.2	368.6	365.1	360.7
55°	401.3	402.7	403.2	403.0	403.2	402.7	401.3	398.9	395.7	392.5	388.2
52.5°	429.1	430.3	430.7	430.5	430.7	430.3	429.1	426.9	423.9	421.1	416.7
50°	458.2	458.3	458.2	458.1	458.2	458.3	458.2	456.7	454.6	452.4	448.3
47.5°	491.4	491.7	491.8	491.8	491.8	491.7	491.4	489.6	488.3	486.7	482.5
45°	530.6	529.5	528.4	528.5	528.4	529.5	530.6	529.3	528.6	526.4	521.6
42.5°	577.7	576.5	575.0	575.4	575.0	576.5	577.7	576.3	577.8	575.2	569.1
40°	639.8	639.5	637.4	636.6	637.4	639.5	639.8	637.3	640.2	636.4	635.5
37.5°	719.9	718.8	714.1	712.1	714.1	718.8	719.9	719.5	722.3	716.0	721.6
35°	825.4	823.8	816.7	817.2	816.7	823.8	825.4	828.2	829.2	819.6	831.8
32.5°	974.8	975.3	964.6	962.1	964.6	975.3	974.8	978.1	971.5	969.1	975.8
30°	1169.1	1173.4	1160.7	1166.2	1160.7	1173.4	1169.1	1179.3	1162.9	1171.6	1166.1
27.5°	1447.6	1455.7	1444.5	1435.5	1444.5	1455.7	1447.6	1448.1	1423.7	1440.8	1411.9
25°	1830.9	1837.0	1824.2	1813.0	1824.2	1837.0	1830.9	1808.6	1791.6	1788.8	1765.9
22.5°	2329.9	2329.5	2328.9	2346.6	2328.9	2329.5	2329.9	2283.1	2274.7	2226.2	2238.4
20°	2937.1	2922.4	2944.4	2958.7	2944.4	2922.4	2937.1	2912.0	2873.3	2827.3	2799.1
17.5°	3632.7	3660.3	3681.5	3716.8	3681.5	3660.3	3632.7	3623.5	3583.8	3543.7	3473.5
15°	4453.0	4494.6	4515.8	4504.4	4515.8	4494.6	4453.0	4423.1	4411.2	4343.7	4308.4
12.5°	5486.0	5535.6	5499.0	5453.3	5499.0	5535.6	5486.0	5482.7	5390.3	5410.6	5298.3
10°	6942.8	7049.7	7055.7	6966.3	7055.7	7049.7	6942.8	6942.1	6986.3	6910.5	6908.8
7.5°	9177.9	9229.9	9308.9	9312.9	9308.9	9229.9	9177.9	9142.3	9081.2	8986.9	8790.2
5°	11470.3	11608.7	11697.9	11852.3	11697.9	11608.7	11470.3	11372.1	11155.8	10913.1	10705.4
2.5°	13033.6	13212.5	13281.3	13456.1	13281.3	13212.5	13033.6	12840.3	12541.0	12186.6	11803.4
0°	13603.1	13747.9	13834.7	13904.0	13834.7	13747.9	13603.1	13376.6	13122.5	12746.0	12328.8
-2.5°	13033.6	13212.5	13281.3	13456.1	13281.3	13212.5	13033.6	12840.3	12541.0	12186.6	11803.4
-5°	11470.3	11608.7	11697.9	11852.3	11697.9	11608.7	11470.3	11372.1	11155.8	10913.1	10705.4
-7.5°	9177.9	9229.9	9308.9	9312.9	9308.9	9229.9	9177.9	9142.3	9081.2	8986.9	8790.2
-10°	6942.8	7049.7	7055.7	6966.3	7055.7	7049.7	6942.8	6942.1	6986.3	6910.5	6908.8
-12.5°	5486.0	5535.6	5499.0	5453.3	5499.0	5535.6	5486.0	5482.7	5390.3	5410.6	5298.3
-15°	4453.0	4494.6	4515.8	4504.4	4515.8	4494.6	4453.0	4423.1	4411.2	4343.7	4308.4
-17.5°	3632.7	3660.3	3681.5	3716.8	3681.5	3660.3	3632.7	3623.5	3583.8	3543.7	3473.5
-20°	2937.1	2922.4	2944.4	2958.7	2944.4	2922.4	2937.1	2912.0	2873.3	2827.3	2799.1



REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	2329.9	2329.5	2328.9	2346.6	2328.9	2329.5	2329.9	2283.1	2274.7	2226.2	2238.4
-25°	1830.9	1837.0	1824.2	1813.0	1824.2	1837.0	1830.9	1808.6	1791.6	1788.8	1765.9
-27.5°	1447.6	1455.7	1444.5	1435.5	1444.5	1455.7	1447.6	1448.1	1423.7	1440.8	1411.9
-30°	1169.1	1173.4	1160.7	1166.2	1160.7	1173.4	1169.1	1179.3	1162.9	1171.6	1166.1
-32.5°	974.8	975.3	964.6	962.1	964.6	975.3	974.8	978.1	971.5	969.1	975.8
-35°	825.4	823.8	816.7	817.2	816.7	823.8	825.4	828.2	829.2	819.6	831.8
-37.5°	719.9	718.8	714.1	712.1	714.1	718.8	719.9	719.5	722.3	716.0	721.6
-40°	639.8	639.5	637.4	636.6	637.4	639.5	639.8	637.3	640.2	636.4	635.5
-42.5°	577.7	576.5	575.0	575.4	575.0	576.5	577.7	576.3	577.8	575.2	569.1
-45°	530.6	529.5	528.4	528.5	528.4	529.5	530.6	529.3	528.6	526.4	521.6
-47.5°	491.4	491.7	491.8	491.8	491.8	491.7	491.4	489.6	488.3	486.7	482.5
-50°	458.2	458.3	458.2	458.1	458.2	458.3	458.2	456.7	454.6	452.4	448.3
-52.5°	429.1	430.3	430.7	430.5	430.7	430.3	429.1	426.9	423.9	421.1	416.7
-55°	401.3	402.7	403.2	403.0	403.2	402.7	401.3	398.9	395.7	392.5	388.2
-57.5°	374.9	376.9	376.9	375.5	376.9	376.9	374.9	372.2	368.6	365.1	360.7
-60°	346.4	348.4	348.7	347.9	348.7	348.4	346.4	343.8	340.3	336.5	332.0
-62.5°	316.1	317.9	319.0	319.3	319.0	317.9	316.1	313.7	310.4	306.6	301.9
-65°	285.4	287.3	288.4	288.7	288.4	287.3	285.4	282.8	279.6	275.8	271.4
-67.5°	253.1	254.9	256.3	257.1	256.3	254.9	253.1	250.7	247.7	244.2	240.4
-70°	220.3	222.2	222.2	221.4	222.2	222.2	220.3	217.8	214.9	211.6	208.2
-72.5°	185.2	186.7	187.0	186.7	187.0	186.7	185.2	183.3	181.0	178.5	175.8
-75°	149.8	150.2	150.3	150.0	150.3	150.2	149.8	148.8	147.5	145.6	143.5
-77.5°	115.9	116.7	117.1	117.3	117.1	116.7	115.9	114.9	113.6	112.1	111.2
-80°	84.3	84.3	84.1	83.7	84.1	84.3	84.3	84.1	83.7	83.1	82.6
-82.5°	58.8	58.9	59.1	59.2	59.1	58.9	58.8	58.6	58.2	57.7	57.5
-85°	33.8	33.5	34.2	34.7	34.2	33.5	33.8	34.0	34.2	34.2	33.9
-87.5°	12.4	12.2	12.7	13.3	12.7	12.2	12.4	12.6	12.7	12.8	12.9
-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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	13.0	13.0	13.0	13.4	13.7	14.0	14.2	13.7	13.3	12.8	12.2
85°	33.5	33.0	32.5	32.0	31.5	30.9	30.3	29.9	29.3	28.4	27.5
82.5°	57.1	56.6	55.8	54.3	52.8	51.1	49.5	48.6	47.6	46.4	45.1
80°	81.9	81.0	79.9	78.4	76.5	74.3	71.8	70.0	67.9	65.8	64.2
77.5°	110.0	108.5	106.6	104.7	102.4	99.8	97.1	94.7	92.1	89.2	86.6
75°	141.1	138.4	135.7	133.2	130.3	127.1	124.0	121.3	117.9	114.0	110.9
72.5°	172.7	169.1	165.5	162.1	158.5	154.5	151.3	148.4	144.7	140.1	137.0
70°	204.3	200.0	195.7	191.1	186.2	181.2	178.2	175.6	172.1	167.5	164.7
67.5°	235.9	230.9	226.1	221.1	215.4	209.1	205.9	202.5	198.6	193.9	192.7
65°	266.6	261.2	256.7	251.4	245.2	238.3	235.5	231.8	226.9	221.8	221.1
62.5°	296.5	290.1	285.8	280.7	274.6	269.0	266.2	261.9	256.4	252.6	252.1
60°	326.7	321.2	316.5	310.8	304.0	299.7	297.3	292.9	286.6	285.0	284.4
57.5°	355.5	350.6	346.4	340.9	334.1	332.0	329.6	325.0	318.5	319.4	317.8
55°	382.7	379.0	375.5	370.4	364.2	364.8	362.9	358.4	354.6	355.8	353.9
52.5°	410.7	409.1	406.0	400.4	397.7	399.3	397.0	392.6	393.4	394.7	391.8
50°	443.5	442.6	439.3	433.9	435.4	436.8	435.0	429.5	434.8	435.9	432.1
47.5°	480.4	480.3	476.1	471.3	477.2	478.3	476.2	476.5	481.1	479.8	475.1
45°	523.3	523.7	519.5	520.1	524.3	525.2	520.9	528.8	531.7	529.0	520.6
42.5°	575.2	574.6	569.8	577.3	579.7	578.3	579.7	587.9	588.0	582.1	582.5
40°	640.4	636.7	637.7	644.7	645.7	638.5	651.6	654.8	651.9	640.9	656.4
37.5°	723.3	716.2	725.1	727.1	723.9	727.8	737.2	735.3	722.9	733.7	743.4
35°	828.1	825.7	834.1	831.5	818.6	839.7	842.5	829.3	824.8	844.6	843.5
32.5°	959.1	973.0	971.5	959.5	967.4	972.0	965.7	943.4	972.0	979.5	962.0
30°	1154.4	1161.3	1146.4	1138.9	1152.8	1137.2	1105.2	1137.7	1150.1	1134.7	1096.0
27.5°	1420.6	1400.9	1373.8	1391.1	1374.9	1337.5	1348.9	1365.4	1351.0	1313.8	1270.0
25°	1759.3	1703.7	1717.5	1705.6	1651.9	1642.0	1658.6	1639.9	1588.0	1532.3	1593.6
22.5°	2184.9	2164.4	2141.8	2074.4	2058.1	2062.8	2022.5	1947.3	1901.7	1960.2	1962.1
20°	2756.9	2721.3	2643.8	2614.9	2600.3	2530.6	2429.3	2419.0	2466.9	2442.3	2368.3
17.5°	3443.1	3349.7	3333.5	3288.4	3202.5	3065.7	3117.6	3135.5	3089.8	2962.2	2806.7
15°	4182.9	4236.7	4190.0	4051.6	3969.7	4031.4	4001.2	3901.4	3762.9	3529.4	3264.8
12.5°	5397.2	5318.4	5121.6	5193.9	5173.6	5098.6	4945.7	4726.1	4438.6	4060.3	3679.2
10°	6806.5	6749.6	6692.3	6597.2	6440.8	6218.4	5846.9	5434.3	5004.8	4558.7	4095.6
7.5°	8642.8	8489.2	8293.4	7944.3	7507.8	7057.8	6586.8	6094.5	5570.0	5049.4	4508.4
5°	10313.5	9861.7	9400.8	8921.6	8392.5	7854.1	7310.7	6743.3	6125.2	5525.9	4908.5
2.5°	11366.7	10896.5	10388.5	9834.8	9153.8	8466.2	7778.9	7091.8	6355.9	5662.9	4970.3
0°	11835.0	11287.1	10659.6	10036.2	9356.8	8639.5	7870.2	7165.3	6412.3	5707.3	5005.4
-2.5°	11366.7	10896.5	10388.5	9834.8	9153.8	8466.2	7778.9	7091.8	6355.9	5662.9	4970.3
-5°	10313.5	9861.7	9400.8	8921.6	8392.5	7854.1	7310.7	6743.3	6125.2	5525.9	4908.5
-7.5°	8642.8	8489.2	8293.4	7944.3	7507.8	7057.8	6586.8	6094.5	5570.0	5049.4	4508.4
-10°	6806.5	6749.6	6692.3	6597.2	6440.8	6218.4	5846.9	5434.3	5004.8	4558.7	4095.6
-12.5°	5397.2	5318.4	5121.6	5193.9	5173.6	5098.6	4945.7	4726.1	4438.6	4060.3	3679.2
-15°	4182.9	4236.7	4190.0	4051.6	3969.7	4031.4	4001.2	3901.4	3762.9	3529.4	3264.8
-17.5°	3443.1	3349.7	3333.5	3288.4	3202.5	3065.7	3117.6	3135.5	3089.8	2962.2	2806.7
-20°	2756.9	2721.3	2643.8	2614.9	2600.3	2530.6	2429.3	2419.0	2466.9	2442.3	2368.3



REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2184.9	2164.4	2141.8	2074.4	2058.1	2062.8	2022.5	1947.3	1901.7	1960.2	1962.1
-25°	1759.3	1703.7	1717.5	1705.6	1651.9	1642.0	1658.6	1639.9	1588.0	1532.3	1593.6
-27.5°	1420.6	1400.9	1373.8	1391.1	1374.9	1337.5	1348.9	1365.4	1351.0	1313.8	1270.0
-30°	1154.4	1161.3	1146.4	1138.9	1152.8	1137.2	1105.2	1137.7	1150.1	1134.7	1096.0
-32.5°	959.1	973.0	971.5	959.5	967.4	972.0	965.7	943.4	972.0	979.5	962.0
-35°	828.1	825.7	834.1	831.5	818.6	839.7	842.5	829.3	824.8	844.6	843.5
-37.5°	723.3	716.2	725.1	727.1	723.9	727.8	737.2	735.3	722.9	733.7	743.4
-40°	640.4	636.7	637.7	644.7	645.7	638.5	651.6	654.8	651.9	640.9	656.4
-42.5°	575.2	574.6	569.8	577.3	579.7	578.3	579.7	587.9	588.0	582.1	582.5
-45°	523.3	523.7	519.5	520.1	524.3	525.2	520.9	528.8	531.7	529.0	520.6
-47.5°	480.4	480.3	476.1	471.3	477.2	478.3	476.2	476.5	481.1	479.8	475.1
-50°	443.5	442.6	439.3	433.9	435.4	436.8	435.0	429.5	434.8	435.9	432.1
-52.5°	410.7	409.1	406.0	400.4	397.7	399.3	397.0	392.6	393.4	394.7	391.8
-55°	382.7	379.0	375.5	370.4	364.2	364.8	362.9	358.4	354.6	355.8	353.9
-57.5°	355.5	350.6	346.4	340.9	334.1	332.0	329.6	325.0	318.5	319.4	317.8
-60°	326.7	321.2	316.5	310.8	304.0	299.7	297.3	292.9	286.6	285.0	284.4
-62.5°	296.5	290.1	285.8	280.7	274.6	269.0	266.2	261.9	256.4	252.6	252.1
-65°	266.6	261.2	256.7	251.4	245.2	238.3	235.5	231.8	226.9	221.8	221.1
-67.5°	235.9	230.9	226.1	221.1	215.4	209.1	205.9	202.5	198.6	193.9	192.7
-70°	204.3	200.0	195.7	191.1	186.2	181.2	178.2	175.6	172.1	167.5	164.7
-72.5°	172.7	169.1	165.5	162.1	158.5	154.5	151.3	148.4	144.7	140.1	137.0
-75°	141.1	138.4	135.7	133.2	130.3	127.1	124.0	121.3	117.9	114.0	110.9
-77.5°	110.0	108.5	106.6	104.7	102.4	99.8	97.1	94.7	92.1	89.2	86.6
-80°	81.9	81.0	79.9	78.4	76.5	74.3	71.8	70.0	67.9	65.8	64.2
-82.5°	57.1	56.6	55.8	54.3	52.8	51.1	49.5	48.6	47.6	46.4	45.1
-85°	33.5	33.0	32.5	32.0	31.5	30.9	30.3	29.9	29.3	28.4	27.5
-87.5°	13.0	13.0	13.0	13.4	13.7	14.0	14.2	13.7	13.3	12.8	12.2
-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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-U-NAT-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°	11.9	11.5	11.0	10.6	10.0	9.4	8.8	8.2	7.6	7.0	6.3
85°	26.5	25.4	24.1	22.6	20.9	18.9	17.7	16.4	15.2	13.9	12.6
82.5°	43.9	42.5	40.9	39.0	37.4	35.2	32.5	29.2	25.5	21.4	18.8
80°	63.6	62.3	60.3	57.6	54.8	51.6	48.5	44.7	40.0	34.7	29.0
77.5°	85.5	83.6	81.1	78.2	74.6	70.5	65.8	60.5	54.4	48.1	41.1
75°	109.2	107.0	104.1	100.1	95.1	89.4	83.7	77.4	70.1	61.6	53.1
72.5°	135.1	132.0	128.0	122.7	116.8	110.0	102.3	94.3	86.2	76.6	65.6
70°	161.9	157.9	153.1	147.5	140.0	130.8	122.0	112.9	102.4	91.7	79.4
67.5°	189.7	185.2	179.3	173.0	165.0	154.9	142.3	132.1	120.8	106.8	93.1
65°	218.6	213.6	206.3	200.0	191.0	179.7	166.2	152.7	139.4	124.3	106.8
62.5°	249.0	243.3	236.4	228.2	217.9	205.5	190.6	176.2	158.8	141.8	122.2
60°	281.1	275.0	267.9	259.1	246.7	231.9	216.7	199.8	180.9	159.4	138.3
57.5°	314.2	307.5	301.7	291.4	277.5	260.3	243.8	225.3	202.9	179.1	154.4
55°	348.6	342.4	337.1	326.1	309.9	290.5	273.4	252.3	225.9	199.3	170.3
52.5°	385.4	380.9	374.6	362.4	344.6	323.8	306.8	280.0	251.8	219.4	188.3
50°	424.1	424.0	415.6	400.8	380.6	363.4	341.9	313.0	278.2	240.7	206.5
47.5°	471.9	471.3	461.3	442.2	418.9	405.9	381.7	347.6	305.0	265.0	224.8
45°	526.3	522.6	510.5	489.0	468.2	454.2	424.7	383.5	337.7	289.8	243.2
42.5°	586.5	580.0	563.1	538.2	529.7	507.7	470.0	424.4	371.3	314.7	263.5
40°	657.1	643.3	620.0	607.4	598.7	565.5	522.3	467.4	405.4	341.3	285.0
37.5°	735.2	715.0	683.9	693.5	675.3	634.4	578.2	511.9	441.2	371.4	306.3
35°	826.5	794.9	795.6	794.2	763.2	708.0	637.1	560.0	480.9	401.4	327.2
32.5°	926.4	918.2	932.3	909.5	859.3	786.2	702.9	612.9	521.0	431.2	347.8
30°	1068.2	1102.2	1087.2	1036.3	965.5	875.8	773.6	667.1	561.5	460.7	369.0
27.5°	1312.9	1311.7	1261.7	1182.8	1084.6	970.9	845.1	722.2	602.2	491.5	393.0
25°	1589.0	1549.4	1463.4	1344.0	1210.9	1066.0	917.8	778.2	646.5	524.7	416.3
22.5°	1904.3	1808.4	1682.1	1515.6	1335.8	1163.9	995.2	839.4	692.3	557.4	438.8
20°	2245.3	2084.5	1911.0	1683.9	1470.6	1270.5	1077.1	900.0	737.4	589.2	460.4
17.5°	2610.5	2369.5	2128.9	1866.2	1612.2	1378.0	1158.9	959.7	781.5	619.9	480.9
15°	2964.3	2654.5	2353.3	2049.7	1754.2	1485.3	1239.6	1017.8	824.2	649.3	497.0
12.5°	3313.0	2943.3	2580.8	2232.4	1895.2	1591.0	1318.5	1073.9	865.2	670.4	507.5
10°	3661.2	3232.1	2808.1	2411.9	2033.3	1694.0	1394.6	1117.7	884.5	683.8	516.2
7.5°	4004.0	3516.4	3031.6	2585.8	2152.2	1761.4	1427.2	1137.5	897.2	694.7	523.1
5°	4283.7	3701.9	3133.3	2637.3	2185.6	1788.1	1447.2	1152.9	906.0	702.9	528.2
2.5°	4321.5	3732.4	3148.4	2657.7	2208.0	1806.4	1460.5	1163.5	910.9	708.4	531.3
0°	4336.1	3742.3	3146.5	2663.9	2219.1	1816.1	1467.1	1169.2	912.1	711.1	532.6
-2.5°	4321.5	3732.4	3148.4	2657.7	2208.0	1806.4	1460.5	1163.5	910.9	708.4	531.3
-5°	4283.7	3701.9	3133.3	2637.3	2185.6	1788.1	1447.2	1152.9	906.0	702.9	528.2
-7.5°	4004.0	3516.4	3031.6	2585.8	2152.2	1761.4	1427.2	1137.5	897.2	694.7	523.1
-10°	3661.2	3232.1	2808.1	2411.9	2033.3	1694.0	1394.6	1117.7	884.5	683.8	516.2
-12.5°	3313.0	2943.3	2580.8	2232.4	1895.2	1591.0	1318.5	1073.9	865.2	670.4	507.5
-15°	2964.3	2654.5	2353.3	2049.7	1754.2	1485.3	1239.6	1017.8	824.2	649.3	497.0
-17.5°	2610.5	2369.5	2128.9	1866.2	1612.2	1378.0	1158.9	959.7	781.5	619.9	480.9
-20°	2245.3	2084.5	1911.0	1683.9	1470.6	1270.5	1077.1	900.0	737.4	589.2	460.4



REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-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°	1904.3	1808.4	1682.1	1515.6	1335.8	1163.9	995.2	839.4	692.3	557.4	438.8
-25°	1589.0	1549.4	1463.4	1344.0	1210.9	1066.0	917.8	778.2	646.5	524.7	416.3
-27.5°	1312.9	1311.7	1261.7	1182.8	1084.6	970.9	845.1	722.2	602.2	491.5	393.0
-30°	1068.2	1102.2	1087.2	1036.3	965.5	875.8	773.6	667.1	561.5	460.7	369.0
-32.5°	926.4	918.2	932.3	909.5	859.3	786.2	702.9	612.9	521.0	431.2	347.8
-35°	826.5	794.9	795.6	794.2	763.2	708.0	637.1	560.0	480.9	401.4	327.2
-37.5°	735.2	715.0	683.9	693.5	675.3	634.4	578.2	511.9	441.2	371.4	306.3
-40°	657.1	643.3	620.0	607.4	598.7	565.5	522.3	467.4	405.4	341.3	285.0
-42.5°	586.5	580.0	563.1	538.2	529.7	507.7	470.0	424.4	371.3	314.7	263.5
-45°	526.3	522.6	510.5	489.0	468.2	454.2	424.7	383.5	337.7	289.8	243.2
-47.5°	471.9	471.3	461.3	442.2	418.9	405.9	381.7	347.6	305.0	265.0	224.8
-50°	424.1	424.0	415.6	400.8	380.6	363.4	341.9	313.0	278.2	240.7	206.5
-52.5°	385.4	380.9	374.6	362.4	344.6	323.8	306.8	280.0	251.8	219.4	188.3
-55°	348.6	342.4	337.1	326.1	309.9	290.5	273.4	252.3	225.9	199.3	170.3
-57.5°	314.2	307.5	301.7	291.4	277.5	260.3	243.8	225.3	202.9	179.1	154.4
-60°	281.1	275.0	267.9	259.1	246.7	231.9	216.7	199.8	180.9	159.4	138.3
-62.5°	249.0	243.3	236.4	228.2	217.9	205.5	190.6	176.2	158.8	141.8	122.2
-65°	218.6	213.6	206.3	200.0	191.0	179.7	166.2	152.7	139.4	124.3	106.8
-67.5°	189.7	185.2	179.3	173.0	165.0	154.9	142.3	132.1	120.8	106.8	93.1
-70°	161.9	157.9	153.1	147.5	140.0	130.8	122.0	112.9	102.4	91.7	79.4
-72.5°	135.1	132.0	128.0	122.7	116.8	110.0	102.3	94.3	86.2	76.6	65.6
-75°	109.2	107.0	104.1	100.1	95.1	89.4	83.7	77.4	70.1	61.6	53.1
-77.5°	85.5	83.6	81.1	78.2	74.6	70.5	65.8	60.5	54.4	48.1	41.1
-80°	63.6	62.3	60.3	57.6	54.8	51.6	48.5	44.7	40.0	34.7	29.0
-82.5°	43.9	42.5	40.9	39.0	37.4	35.2	32.5	29.2	25.5	21.4	18.8
-85°	26.5	25.4	24.1	22.6	20.9	18.9	17.7	16.4	15.2	13.9	12.6
-87.5°	11.9	11.5	11.0	10.6	10.0	9.4	8.8	8.2	7.6	7.0	6.3
-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: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-U-NAT-XX

**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°	5.5	4.9	4.2	3.3	2.3	1.2	0.0
85°	11.1	9.8	8.3	6.6	4.6	2.3	0.0
82.5°	16.6	14.7	12.5	9.9	6.9	3.5	0.0
80°	22.8	19.6	16.6	13.1	9.2	4.6	0.0
77.5°	33.6	26.0	20.7	16.4	11.5	5.7	0.0
75°	44.3	35.3	25.5	19.6	13.7	6.9	0.0
72.5°	55.0	44.5	33.1	22.9	15.9	8.0	0.0
70°	65.8	53.7	40.7	26.6	18.1	9.1	0.0
67.5°	78.2	62.8	48.1	32.3	20.3	10.1	0.0
65°	90.6	72.6	55.5	38.0	22.4	11.2	0.0
62.5°	102.8	83.2	62.8	43.6	24.4	12.2	0.0
60°	115.0	93.7	70.0	49.1	26.5	13.2	0.0
57.5°	128.9	104.1	78.5	54.5	30.1	14.2	0.0
55°	142.9	114.4	86.9	59.8	33.6	15.2	0.0
52.5°	156.6	124.8	95.2	65.0	37.0	16.1	0.0
50°	170.1	136.2	103.3	70.1	40.4	17.0	0.0
47.5°	183.8	147.3	111.2	75.3	43.6	17.9	0.0
45°	199.7	158.2	119.0	81.1	46.7	18.7	0.0
42.5°	215.4	168.8	126.5	86.8	49.7	19.5	0.0
40°	231.0	179.2	134.3	92.0	52.6	20.3	0.0
37.5°	246.4	189.2	142.2	96.9	55.3	21.0	0.0
35°	261.5	200.5	149.8	101.5	57.9	21.7	0.0
32.5°	277.1	212.4	157.1	105.8	60.4	22.3	0.0
30°	293.6	223.9	164.1	109.8	62.7	22.9	0.0
27.5°	309.7	235.0	169.9	113.4	64.9	23.5	0.0
25°	325.1	245.7	175.2	116.7	66.9	24.0	0.0
22.5°	339.8	255.2	180.1	119.7	68.7	24.5	0.0
20°	353.8	262.4	184.7	122.4	70.4	24.9	0.0
17.5°	364.3	268.7	188.8	124.7	71.9	25.3	0.0
15°	372.2	274.2	192.4	126.7	73.3	25.6	0.0
12.5°	378.9	278.8	195.6	128.3	74.5	25.9	0.0
10°	384.5	282.5	198.3	129.6	75.4	26.1	0.0
7.5°	388.9	285.3	200.6	130.6	76.2	26.3	0.0
5°	392.1	287.3	202.3	131.2	76.9	26.4	0.0
2.5°	394.0	288.4	203.5	131.6	77.3	26.5	0.0
0°	394.8	288.7	204.1	131.6	77.5	26.5	0.0
-2.5°	394.0	288.4	203.5	131.6	77.3	26.5	0.0
-5°	392.1	287.3	202.3	131.2	76.9	26.4	0.0
-7.5°	388.9	285.3	200.6	130.6	76.2	26.3	0.0
-10°	384.5	282.5	198.3	129.6	75.4	26.1	0.0
-12.5°	378.9	278.8	195.6	128.3	74.5	25.9	0.0
-15°	372.2	274.2	192.4	126.7	73.3	25.6	0.0
-17.5°	364.3	268.7	188.8	124.7	71.9	25.3	0.0
-20°	353.8	262.4	184.7	122.4	70.4	24.9	0.0



REPORT NUMBER: P558718 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	339.8	255.2	180.1	119.7	68.7	24.5	0.0
-25°	325.1	245.7	175.2	116.7	66.9	24.0	0.0
-27.5°	309.7	235.0	169.9	113.4	64.9	23.5	0.0
-30°	293.6	223.9	164.1	109.8	62.7	22.9	0.0
-32.5°	277.1	212.4	157.1	105.8	60.4	22.3	0.0
-35°	261.5	200.5	149.8	101.5	57.9	21.7	0.0
-37.5°	246.4	189.2	142.2	96.9	55.3	21.0	0.0
-40°	231.0	179.2	134.3	92.0	52.6	20.3	0.0
-42.5°	215.4	168.8	126.5	86.8	49.7	19.5	0.0
-45°	199.7	158.2	119.0	81.1	46.7	18.7	0.0
-47.5°	183.8	147.3	111.2	75.3	43.6	17.9	0.0
-50°	170.1	136.2	103.3	70.1	40.4	17.0	0.0
-52.5°	156.6	124.8	95.2	65.0	37.0	16.1	0.0
-55°	142.9	114.4	86.9	59.8	33.6	15.2	0.0
-57.5°	128.9	104.1	78.5	54.5	30.1	14.2	0.0
-60°	115.0	93.7	70.0	49.1	26.5	13.2	0.0
-62.5°	102.8	83.2	62.8	43.6	24.4	12.2	0.0
-65°	90.6	72.6	55.5	38.0	22.4	11.2	0.0
-67.5°	78.2	62.8	48.1	32.3	20.3	10.1	0.0
-70°	65.8	53.7	40.7	26.6	18.1	9.1	0.0
-72.5°	55.0	44.5	33.1	22.9	15.9	8.0	0.0
-75°	44.3	35.3	25.5	19.6	13.7	6.9	0.0
-77.5°	33.6	26.0	20.7	16.4	11.5	5.7	0.0
-80°	22.8	19.6	16.6	13.1	9.2	4.6	0.0
-82.5°	16.6	14.7	12.5	9.9	6.9	3.5	0.0
-85°	11.1	9.8	8.3	6.6	4.6	2.3	0.0
-87.5°	5.5	4.9	4.2	3.3	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)