

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: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-935-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3B-935-U-WR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

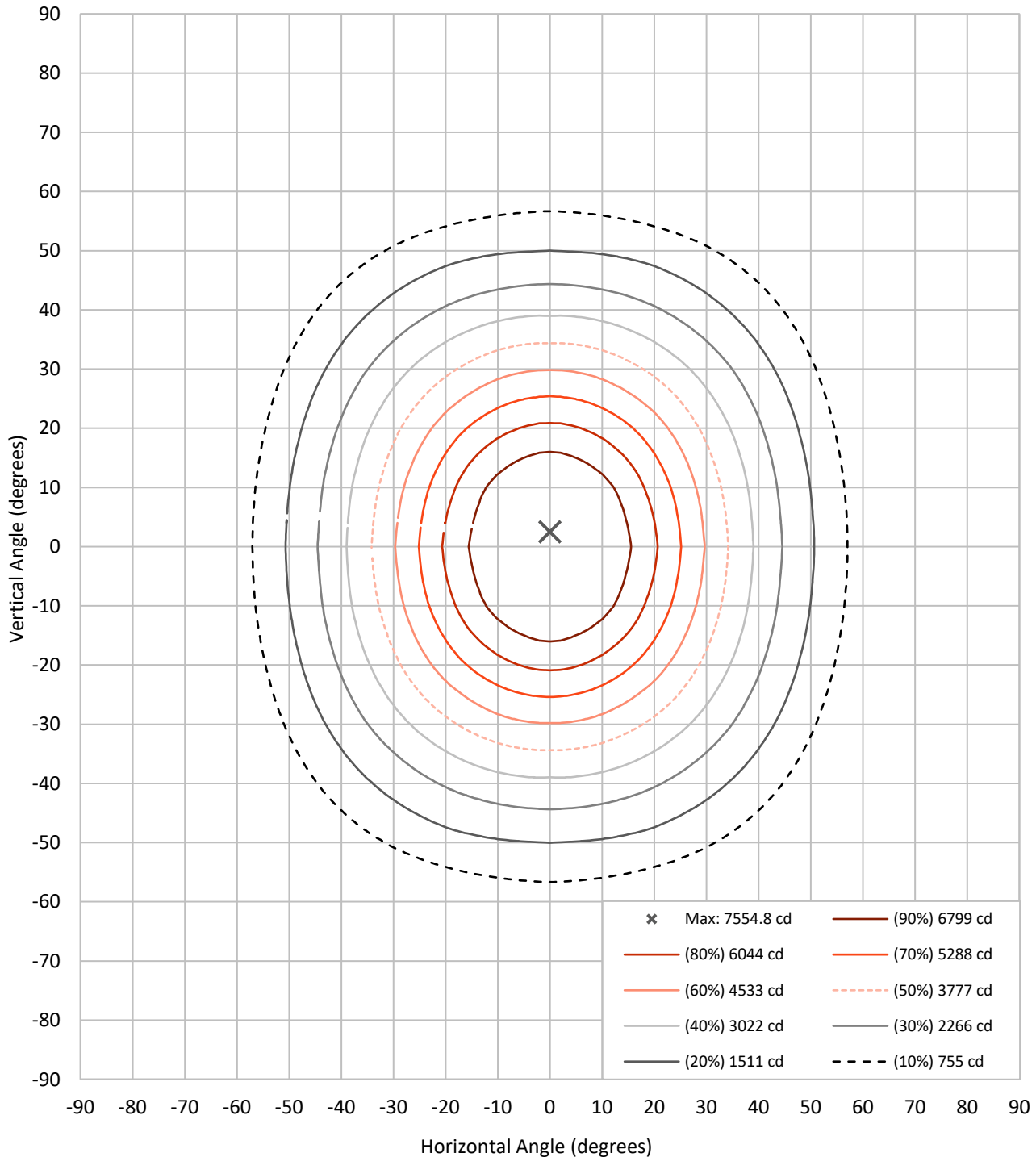
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10224.7 lumens	Max Intensity:	7554.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	112.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	6130.4 lumens	Field Lumens:	9767.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 91  
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





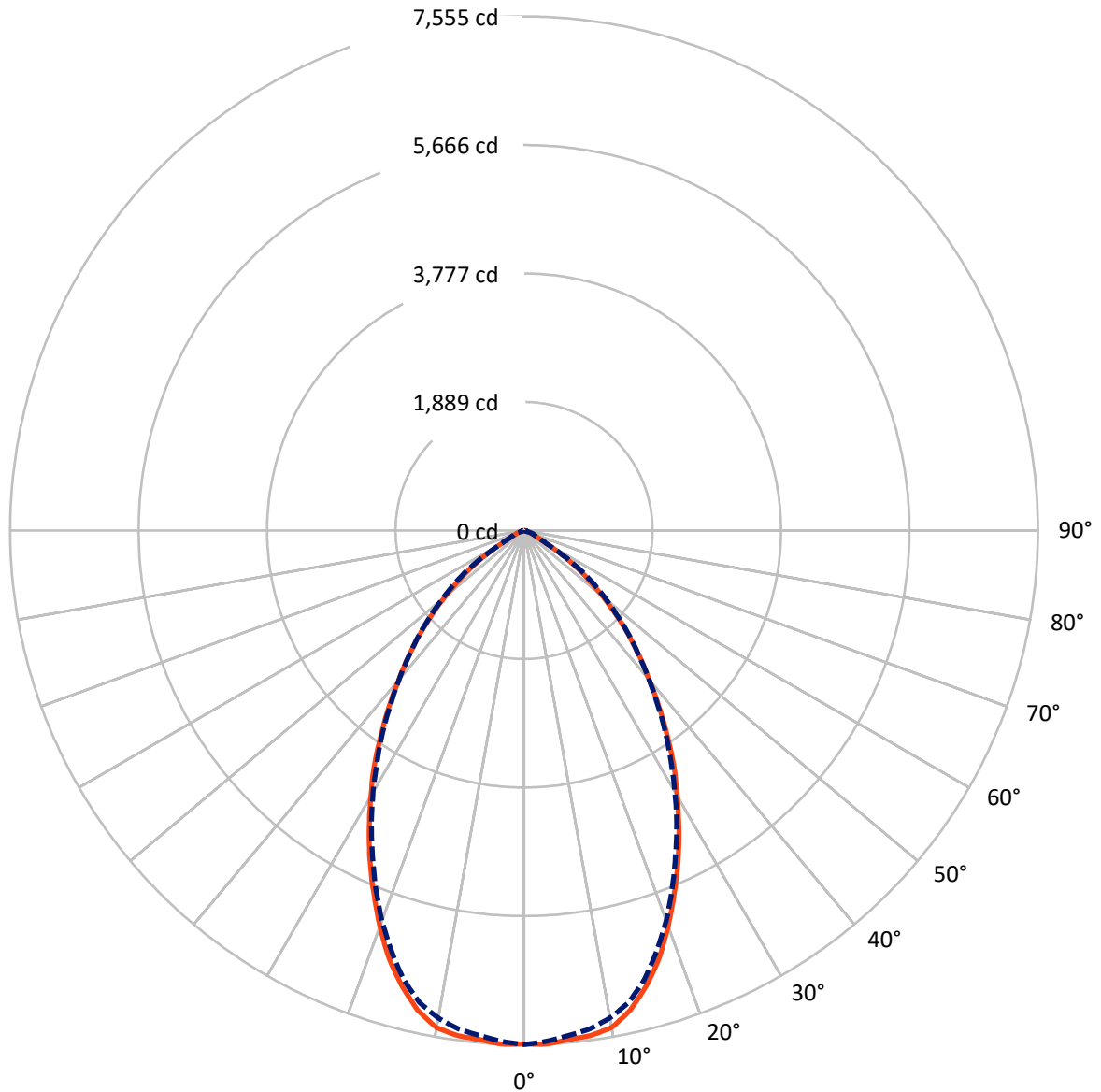
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### Lumen Table

90															90				
80	0.1	1.0		2.5		4.3		3.0		4.3		2.5		1.0	0.1				
70															70				
60	0.5	0.7	1.4	2.2	3.2	4.1	5.1	5.7	5.7	5.1	4.1	3.2	2.2	1.4	0.7	0.5			
50		1.1	2.3	4.1	7.9	15.4	23.0	27.6	27.6	23.0	15.4	7.9	4.1	2.3	1.1				
40	0.8	1.5	3.4	9.8	25.8	42.9	57.0	65.0	65.0	57.0	42.9	25.8	9.8	3.4	1.5	0.8			
30		1.8	5.8	22.6	46.3	72.3	95.7	109.8	109.8	95.7	72.3	46.3	22.6	5.8	1.8				
20	0.9	2.2	10.5	34.1	65.7	102.7	137.3	159.1	159.1	137.3	102.7	65.7	34.1	10.5	2.2	0.9			
10		2.6	14.9	42.5	80.9	128.4	174.8	204.2	204.2	174.8	128.4	80.9	42.5	14.9	2.6				
0	0.9	2.8	17.4	47.0	89.5	143.4	196.4	224.5	224.5	196.4	143.4	89.5	47.0	17.4	2.8	0.9			
-10		2.8	17.4	47.0	89.5	143.4	196.4	224.5	224.5	196.4	143.4	89.5	47.0	17.4	2.8				
-20	0.9	2.6	14.9	42.5	80.9	128.4	174.8	204.2	204.2	174.8	128.4	80.9	42.5	14.9	2.6	0.9			
-30		2.2	10.5	34.1	65.7	102.7	137.3	159.1	159.1	137.3	102.7	65.7	34.1	10.5	2.2				
-40	0.8	1.8	5.8	22.6	46.3	72.3	95.7	109.8	109.8	95.7	72.3	46.3	22.6	5.8	1.8	0.8			
-50		1.5	3.4	9.8	25.8	42.9	57.0	65.0	65.0	57.0	42.9	25.8	9.8	3.4	1.5				
-60	0.5	1.1	2.3	4.1	7.9	15.4	23.0	27.6	27.6	23.0	15.4	7.9	4.1	2.3	1.1	0.5			
-70		0.7	1.4	2.2	3.2	4.1	5.1	5.7	5.7	5.1	4.1	3.2	2.2	1.4	0.7				
-80															-80				
-90	0.1	1.0		2.5		4.3		3.0		4.3		2.5		1.0	0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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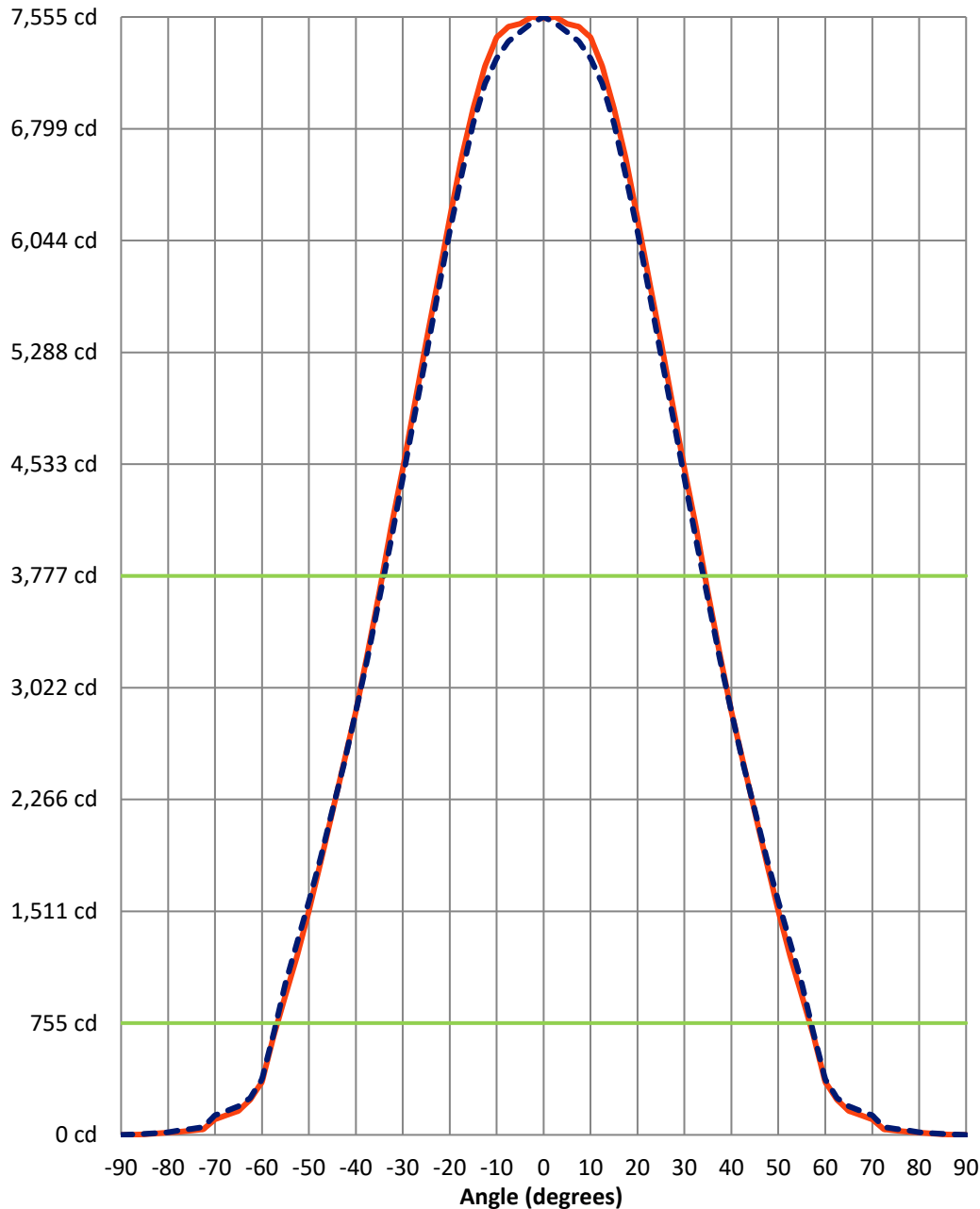
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 68°  
 V Angle: 68.7°  
 Lumens: 6130.4  
 Efficiency: 60.0%

**Field:**  
 H Angle: 114°  
 V Angle: 113.4°  
 Lumens: 9767.3  
 Efficiency: 95.5%

**Spill:**  
 Lumens: 457.4  
 Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 2.5-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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
82.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3.1	4.3	5.5
80°	0.0	0.5	1.0	1.5	2.0	2.5	3.2	4.7	6.2	7.9	9.5
77.5°	0.0	0.6	1.3	1.9	2.5	3.5	5.4	7.3	9.3	11.4	14.2
75°	0.0	0.8	1.5	2.2	3.1	5.0	7.5	9.9	12.6	16.8	21.0
72.5°	0.0	0.9	1.7	2.6	4.1	6.5	9.6	13.1	18.0	22.9	27.7
70°	0.0	1.0	2.0	3.0	5.1	7.9	11.8	17.8	23.4	29.0	36.9
67.5°	0.0	1.1	2.2	3.6	6.0	9.3	15.3	22.4	28.7	37.0	46.4
65°	0.0	1.2	2.4	4.2	6.9	11.1	18.7	27.0	35.2	44.8	55.4
62.5°	0.0	1.3	2.7	4.7	7.8	13.3	21.8	31.9	41.4	52.4	64.0
60°	0.0	1.4	2.9	5.2	8.6	15.4	24.6	36.8	47.3	60.6	72.7
57.5°	0.0	1.6	3.2	5.7	9.8	17.2	27.5	41.1	54.5	68.8	79.9
55°	0.0	1.7	3.5	6.1	10.9	18.8	30.0	44.6	62.1	76.5	86.5
52.5°	0.0	1.8	3.7	6.5	11.8	20.2	32.2	49.6	69.6	82.6	93.0
50°	0.0	1.9	4.0	6.9	12.6	21.6	34.0	54.4	76.5	88.6	99.9
47.5°	0.0	2.0	4.3	7.2	13.3	22.6	35.7	58.5	81.8	94.5	106.4
45°	0.0	2.1	4.5	7.6	13.9	23.4	38.6	61.9	84.1	99.9	112.5
42.5°	0.0	2.1	4.7	7.9	14.3	24.0	41.0	63.9	85.6	104.9	119.2
40°	0.0	2.2	5.0	8.2	14.5	24.2	43.0	64.6	86.5	109.1	125.8
37.5°	0.0	2.3	5.2	8.6	14.6	24.2	44.4	64.8	87.5	110.9	132.2
35°	0.0	2.4	5.4	9.0	14.6	24.8	45.4	64.5	88.4	115.0	138.6
32.5°	0.0	2.4	5.6	9.4	14.4	25.4	45.6	63.6	89.3	120.2	144.9
30°	0.0	2.5	5.8	9.7	14.0	25.8	44.7	62.7	90.1	126.3	150.9
27.5°	0.0	2.6	5.9	10.0	14.3	25.8	43.5	62.9	92.3	133.4	156.6
25°	0.0	2.6	6.1	10.3	14.8	25.5	41.9	62.9	97.1	139.0	161.9
22.5°	0.0	2.7	6.2	10.6	15.2	25.5	40.0	62.7	102.2	143.3	168.7
20°	0.0	2.7	6.3	10.8	15.6	26.7	37.8	62.4	107.4	147.1	174.8
17.5°	0.0	2.8	6.4	11.0	15.9	27.7	37.4	61.8	112.6	150.6	180.1
15°	0.0	2.8	6.5	11.2	16.3	28.6	38.1	61.5	117.7	153.7	184.6
12.5°	0.0	2.8	6.6	11.3	16.5	29.4	38.8	61.1	122.2	156.3	188.4
10°	0.0	2.9	6.7	11.5	16.8	30.0	39.4	59.9	126.0	158.3	191.2
7.5°	0.0	2.9	6.7	11.6	17.0	30.5	39.9	58.0	129.0	160.0	192.9
5°	0.0	2.9	6.8	11.6	17.2	30.8	40.3	55.5	131.1	161.2	193.7
2.5°	0.0	2.9	6.8	11.7	17.5	31.1	40.8	49.5	132.1	162.2	193.3
0°	0.0	2.9	6.8	11.7	17.5	31.1	40.8	49.5	132.1	162.2	193.3
-2.5°	0.0	2.9	6.8	11.7	17.4	31.0	40.6	52.6	132.2	161.9	193.9
-5°	0.0	2.9	6.8	11.6	17.2	30.8	40.3	55.5	131.1	161.2	193.7
-7.5°	0.0	2.9	6.7	11.6	17.0	30.5	39.9	58.0	129.0	160.0	192.9
-10°	0.0	2.9	6.7	11.5	16.8	30.0	39.4	59.9	126.0	158.3	191.2
-12.5°	0.0	2.8	6.6	11.3	16.5	29.4	38.8	61.1	122.2	156.3	188.4
-15°	0.0	2.8	6.5	11.2	16.3	28.6	38.1	61.5	117.7	153.7	184.6
-17.5°	0.0	2.8	6.4	11.0	15.9	27.7	37.4	61.8	112.6	150.6	180.1
-20°	0.0	2.7	6.3	10.8	15.6	26.7	37.8	62.4	107.4	147.1	174.8



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.7	6.2	10.6	15.2	25.5	40.0	62.7	102.2	143.3	168.7
-25°	0.0	2.6	6.1	10.3	14.8	25.5	41.9	62.9	97.1	139.0	161.9
-27.5°	0.0	2.6	5.9	10.0	14.3	25.8	43.5	62.9	92.3	133.4	156.6
-30°	0.0	2.5	5.8	9.7	14.0	25.8	44.7	62.7	90.1	126.3	150.9
-32.5°	0.0	2.4	5.6	9.4	14.4	25.4	45.6	63.6	89.3	120.2	144.9
-35°	0.0	2.4	5.4	9.0	14.6	24.8	45.4	64.5	88.4	115.0	138.6
-37.5°	0.0	2.3	5.2	8.6	14.6	24.2	44.4	64.8	87.5	110.9	132.2
-40°	0.0	2.2	5.0	8.2	14.5	24.2	43.0	64.6	86.5	109.1	125.8
-42.5°	0.0	2.1	4.7	7.9	14.3	24.0	41.0	63.9	85.6	104.9	119.2
-45°	0.0	2.1	4.5	7.6	13.9	23.4	38.6	61.9	84.1	99.9	112.5
-47.5°	0.0	2.0	4.3	7.2	13.3	22.6	35.7	58.5	81.8	94.5	106.4
-50°	0.0	1.9	4.0	6.9	12.6	21.6	34.0	54.4	76.5	88.6	99.9
-52.5°	0.0	1.8	3.7	6.5	11.8	20.2	32.2	49.6	69.6	82.6	93.0
-55°	0.0	1.7	3.5	6.1	10.9	18.8	30.0	44.6	62.1	76.5	86.5
-57.5°	0.0	1.6	3.2	5.7	9.8	17.2	27.5	41.1	54.5	68.8	79.9
-60°	0.0	1.4	2.9	5.2	8.6	15.4	24.6	36.8	47.3	60.6	72.7
-62.5°	0.0	1.3	2.7	4.7	7.8	13.3	21.8	31.9	41.4	52.4	64.0
-65°	0.0	1.2	2.4	4.2	6.9	11.1	18.7	27.0	35.2	44.8	55.4
-67.5°	0.0	1.1	2.2	3.6	6.0	9.3	15.3	22.4	28.7	37.0	46.4
-70°	0.0	1.0	2.0	3.0	5.1	7.9	11.8	17.8	23.4	29.0	36.9
-72.5°	0.0	0.9	1.7	2.6	4.1	6.5	9.6	13.1	18.0	22.9	27.7
-75°	0.0	0.8	1.5	2.2	3.1	5.0	7.5	9.9	12.6	16.8	21.0
-77.5°	0.0	0.6	1.3	1.9	2.5	3.5	5.4	7.3	9.3	11.4	14.2
-80°	0.0	0.5	1.0	1.5	2.0	2.5	3.2	4.7	6.2	7.9	9.5
-82.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3.1	4.3	5.5
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-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):**

	-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°	1.2	1.2	1.2	1.1	1.2	1.2	1.3	1.3	1.2	1.1	1.0
85°	2.5	2.4	2.7	2.9	3.2	3.4	3.5	3.5	4.0	4.5	5.2
82.5°	6.1	6.6	6.8	6.8	7.0	6.9	6.8	6.8	8.4	10.4	12.7
80°	10.3	10.7	12.4	14.1	15.1	15.0	14.3	12.7	15.1	18.8	23.4
77.5°	16.8	19.3	21.9	24.6	25.1	23.9	21.8	18.9	22.3	29.0	36.6
75°	24.5	27.9	31.7	34.6	34.6	32.5	29.8	29.3	34.9	43.0	49.7
72.5°	33.5	38.4	42.1	44.6	44.4	44.0	45.1	47.5	52.1	58.1	63.2
70°	44.4	49.3	52.0	53.3	53.8	56.5	60.5	63.5	66.8	72.6	78.0
67.5°	55.2	58.9	61.3	63.0	67.5	72.7	76.7	80.4	84.4	90.4	95.4
65°	64.8	68.6	72.0	77.0	83.7	88.5	93.3	98.3	105.3	112.0	116.1
62.5°	74.1	78.3	83.4	90.3	97.4	103.6	111.4	120.2	129.4	136.3	144.2
60°	81.4	87.3	94.6	102.7	111.2	121.4	131.4	141.7	151.2	160.3	171.9
57.5°	88.4	96.8	105.9	115.4	126.7	139.4	151.7	162.8	174.7	187.5	200.5
55°	95.9	106.9	117.1	128.5	142.3	158.4	172.0	185.2	199.4	220.9	239.7
52.5°	104.2	116.4	127.9	141.8	159.0	176.2	191.6	210.1	233.9	265.9	317.8
50°	112.0	125.2	138.6	156.6	175.2	193.2	215.6	241.4	289.0	348.7	453.2
47.5°	119.8	133.8	151.5	171.0	191.2	215.1	243.5	299.8	364.7	513.3	661.4
45°	127.6	144.1	163.7	185.8	209.9	239.9	298.8	368.3	544.8	715.8	893.9
42.5°	135.1	154.5	176.9	200.4	231.9	286.2	362.1	545.6	736.7	933.1	1104.1
40°	143.7	164.1	190.1	220.0	261.5	344.0	514.4	720.9	936.4	1121.9	1288.3
37.5°	151.8	175.9	204.1	238.9	313.7	451.3	670.8	900.0	1108.6	1289.9	1467.6
35°	159.1	187.4	221.0	273.1	364.8	591.6	829.6	1062.6	1262.0	1455.6	1650.0
32.5°	167.8	198.5	237.1	318.5	481.9	727.1	980.3	1202.3	1411.2	1617.6	1839.6
30°	177.4	212.2	259.7	361.7	598.0	858.7	1109.6	1336.4	1552.9	1782.1	2019.9
27.5°	186.5	225.4	297.0	445.6	707.1	981.6	1227.2	1460.6	1693.0	1937.0	2193.0
25°	194.7	238.0	332.0	537.5	812.5	1086.4	1335.3	1572.9	1823.8	2089.1	2358.5
22.5°	203.6	250.2	363.6	621.3	908.8	1179.7	1430.9	1682.7	1948.3	2229.5	2510.5
20°	213.1	276.4	415.6	698.7	996.4	1264.5	1516.6	1784.8	2064.9	2356.1	2652.8
17.5°	221.8	299.5	477.8	772.0	1070.0	1338.2	1593.8	1877.3	2166.2	2470.6	2783.2
15°	229.7	319.6	532.5	836.9	1132.6	1400.9	1669.1	1959.3	2256.2	2573.3	2898.0
12.5°	236.6	336.5	579.5	893.0	1185.3	1454.4	1732.4	2028.5	2336.5	2663.1	3001.5
10°	242.4	350.4	618.7	940.0	1228.2	1498.6	1783.2	2086.1	2400.4	2735.4	3084.9
7.5°	246.2	361.7	649.6	977.4	1261.2	1533.2	1821.5	2131.5	2447.1	2791.9	3148.0
5°	248.6	371.0	672.0	1005.1	1285.3	1559.3	1849.1	2164.1	2477.1	2831.5	3190.4
2.5°	249.7	377.4	685.6	1022.9	1300.4	1577.6	1871.9	2192.7	2508.7	2859.7	3223.3
0°	249.6	380.7	690.5	1030.4	1306.2	1585.9	1883.1	2207.5	2528.9	2871.8	3245.7
-2.5°	249.7	377.4	685.6	1022.9	1300.4	1577.6	1871.9	2192.7	2508.7	2859.7	3223.3
-5°	248.6	371.0	672.0	1005.1	1285.3	1559.3	1849.1	2164.1	2477.1	2831.5	3190.4
-7.5°	246.2	361.7	649.6	977.4	1261.2	1533.2	1821.5	2131.5	2447.1	2791.9	3148.0
-10°	242.4	350.4	618.7	940.0	1228.2	1498.6	1783.2	2086.1	2400.4	2735.4	3084.9
-12.5°	236.6	336.5	579.5	893.0	1185.3	1454.4	1732.4	2028.5	2336.5	2663.1	3001.5
-15°	229.7	319.6	532.5	836.9	1132.6	1400.9	1669.1	1959.3	2256.2	2573.3	2898.0
-17.5°	221.8	299.5	477.8	772.0	1070.0	1338.2	1593.8	1877.3	2166.2	2470.6	2783.2
-20°	213.1	276.4	415.6	698.7	996.4	1264.5	1516.6	1784.8	2064.9	2356.1	2652.8



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	203.6	250.2	363.6	621.3	908.8	1179.7	1430.9	1682.7	1948.3	2229.5	2510.5
-25°	194.7	238.0	332.0	537.5	812.5	1086.4	1335.3	1572.9	1823.8	2089.1	2358.5
-27.5°	186.5	225.4	297.0	445.6	707.1	981.6	1227.2	1460.6	1693.0	1937.0	2193.0
-30°	177.4	212.2	259.7	361.7	598.0	858.7	1109.6	1336.4	1552.9	1782.1	2019.9
-32.5°	167.8	198.5	237.1	318.5	481.9	727.1	980.3	1202.3	1411.2	1617.6	1839.6
-35°	159.1	187.4	221.0	273.1	364.8	591.6	829.6	1062.6	1262.0	1455.6	1650.0
-37.5°	151.8	175.9	204.1	238.9	313.7	451.3	670.8	900.0	1108.6	1289.9	1467.6
-40°	143.7	164.1	190.1	220.0	261.5	344.0	514.4	720.9	936.4	1121.9	1288.3
-42.5°	135.1	154.5	176.9	200.4	231.9	286.2	362.1	545.6	736.7	933.1	1104.1
-45°	127.6	144.1	163.7	185.8	209.9	239.9	298.8	368.3	544.8	715.8	893.9
-47.5°	119.8	133.8	151.5	171.0	191.2	215.1	243.5	299.8	364.7	513.3	661.4
-50°	112.0	125.2	138.6	156.6	175.2	193.2	215.6	241.4	289.0	348.7	453.2
-52.5°	104.2	116.4	127.9	141.8	159.0	176.2	191.6	210.1	233.9	265.9	317.8
-55°	95.9	106.9	117.1	128.5	142.3	158.4	172.0	185.2	199.4	220.9	239.7
-57.5°	88.4	96.8	105.9	115.4	126.7	139.4	151.7	162.8	174.7	187.5	200.5
-60°	81.4	87.3	94.6	102.7	111.2	121.4	131.4	141.7	151.2	160.3	171.9
-62.5°	74.1	78.3	83.4	90.3	97.4	103.6	111.4	120.2	129.4	136.3	144.2
-65°	64.8	68.6	72.0	77.0	83.7	88.5	93.3	98.3	105.3	112.0	116.1
-67.5°	55.2	58.9	61.3	63.0	67.5	72.7	76.7	80.4	84.4	90.4	95.4
-70°	44.4	49.3	52.0	53.3	53.8	56.5	60.5	63.5	66.8	72.6	78.0
-72.5°	33.5	38.4	42.1	44.6	44.4	44.0	45.1	47.5	52.1	58.1	63.2
-75°	24.5	27.9	31.7	34.6	34.6	32.5	29.8	29.3	34.9	43.0	49.7
-77.5°	16.8	19.3	21.9	24.6	25.1	23.9	21.8	18.9	22.3	29.0	36.6
-80°	10.3	10.7	12.4	14.1	15.1	15.0	14.3	12.7	15.1	18.8	23.4
-82.5°	6.1	6.6	6.8	6.8	7.0	6.9	6.8	6.8	8.4	10.4	12.7
-85°	2.5	2.4	2.7	2.9	3.2	3.4	3.5	3.5	4.0	4.5	5.2
-87.5°	1.2	1.2	1.2	1.1	1.2	1.2	1.3	1.3	1.2	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	5.9	5.8	5.6	5.3	4.9	5.1	5.2	5.4	5.5	5.1	4.7
82.5°	15.2	16.3	17.4	18.6	19.8	19.6	19.1	18.3	17.3	15.4	13.3
80°	28.5	31.2	33.0	34.5	35.6	34.5	32.8	30.9	28.7	25.5	22.0
77.5°	44.3	47.0	48.4	50.1	51.9	52.3	52.4	52.6	52.8	46.8	39.2
75°	55.0	58.6	61.5	64.1	66.4	67.5	68.2	69.0	69.6	61.7	51.4
72.5°	67.6	71.1	73.9	76.7	79.1	81.0	82.5	83.7	84.7	78.3	69.3
70°	82.4	85.8	89.0	91.9	94.7	97.3	99.6	101.8	103.7	104.1	104.6
67.5°	99.0	101.1	104.9	108.5	112.9	116.1	119.6	123.0	126.0	128.6	130.8
65°	119.6	127.0	134.4	138.1	138.4	143.0	150.2	154.3	155.4	156.3	158.7
62.5°	154.2	163.7	168.7	175.2	184.2	193.9	197.6	203.0	209.5	216.8	223.5
60°	181.7	189.8	201.8	214.1	224.9	234.8	258.8	280.0	298.2	313.9	329.0
57.5°	215.9	229.2	247.6	280.7	311.0	338.3	385.1	442.3	493.2	537.7	576.9
55°	270.2	309.0	343.8	422.0	505.5	577.7	645.4	717.7	776.6	822.7	865.3
52.5°	363.0	469.4	577.3	678.7	778.5	869.4	950.9	1015.0	1065.1	1102.6	1138.2
50°	581.1	709.4	840.8	961.8	1059.8	1149.4	1234.2	1297.8	1351.1	1396.9	1437.5
47.5°	818.9	969.1	1093.2	1204.9	1310.5	1409.8	1502.6	1580.1	1645.6	1706.1	1756.5
45°	1055.6	1189.9	1317.2	1436.9	1551.9	1663.2	1763.0	1851.1	1937.9	2009.6	2066.3
42.5°	1255.7	1397.9	1533.3	1670.3	1798.8	1923.8	2044.3	2151.5	2243.6	2322.0	2385.0
40°	1447.7	1601.0	1761.9	1914.0	2066.7	2209.2	2342.8	2465.1	2570.0	2662.8	2741.3
37.5°	1643.2	1822.1	1998.9	2172.3	2340.5	2495.5	2648.8	2789.9	2912.9	3021.4	3112.6
35°	1849.4	2046.7	2239.1	2434.4	2618.1	2797.5	2966.9	3122.2	3258.5	3386.4	3496.3
32.5°	2056.1	2269.9	2486.4	2697.8	2901.3	3102.2	3288.0	3463.1	3624.2	3765.7	3883.1
30°	2257.3	2492.7	2724.4	2954.8	3186.9	3405.8	3611.7	3804.0	3978.7	4132.8	4266.2
27.5°	2450.4	2703.4	2952.0	3215.4	3467.7	3705.8	3929.5	4136.2	4331.2	4506.6	4657.9
25°	2629.1	2897.8	3187.5	3463.8	3733.7	3997.8	4242.9	4467.5	4690.4	4883.4	5047.7
22.5°	2797.9	3097.8	3402.8	3692.5	3990.4	4280.8	4555.1	4815.3	5053.5	5255.6	5430.9
20°	2958.4	3281.1	3595.4	3916.2	4238.7	4552.0	4854.1	5132.2	5383.9	5604.2	5801.8
17.5°	3110.0	3444.0	3778.0	4120.5	4468.8	4798.2	5118.2	5420.8	5695.5	5939.9	6162.7
15°	3241.2	3586.3	3943.9	4307.9	4672.2	5022.4	5362.1	5691.7	6000.8	6266.9	6491.5
12.5°	3352.6	3712.1	4090.4	4472.3	4856.4	5223.5	5583.6	5936.2	6264.8	6550.8	6781.4
10°	3445.1	3821.7	4216.8	4614.7	5008.6	5390.0	5764.5	6129.4	6482.3	6778.7	7015.6
7.5°	3522.1	3913.2	4317.4	4727.3	5124.8	5520.9	5911.4	6280.0	6627.7	6940.3	7183.8
5°	3579.6	3977.2	4390.1	4810.1	5213.7	5623.9	6026.1	6403.4	6747.5	7030.8	7229.5
2.5°	3622.5	4017.1	4437.2	4860.0	5269.0	5694.0	6104.7	6482.4	6834.6	7102.8	7274.9
0°	3651.6	4039.1	4480.0	4894.7	5310.4	5746.4	6152.4	6534.1	6887.6	7149.8	7327.5
-2.5°	3622.5	4017.1	4437.2	4860.0	5269.0	5694.0	6104.7	6482.4	6834.6	7102.8	7274.9
-5°	3579.6	3977.2	4390.1	4810.1	5213.7	5623.9	6026.1	6403.4	6747.5	7030.8	7229.5
-7.5°	3522.1	3913.2	4317.4	4727.3	5124.8	5520.9	5911.4	6280.0	6627.7	6940.3	7183.8
-10°	3445.1	3821.7	4216.8	4614.7	5008.6	5390.0	5764.5	6129.4	6482.3	6778.7	7015.6
-12.5°	3352.6	3712.1	4090.4	4472.3	4856.4	5223.5	5583.6	5936.2	6264.8	6550.8	6781.4
-15°	3241.2	3586.3	3943.9	4307.9	4672.2	5022.4	5362.1	5691.7	6000.8	6266.9	6491.5
-17.5°	3110.0	3444.0	3778.0	4120.5	4468.8	4798.2	5118.2	5420.8	5695.5	5939.9	6162.7
-20°	2958.4	3281.1	3595.4	3916.2	4238.7	4552.0	4854.1	5132.2	5383.9	5604.2	5801.8



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2797.9	3097.8	3402.8	3692.5	3990.4	4280.8	4555.1	4815.3	5053.5	5255.6	5430.9
-25°	2629.1	2897.8	3187.5	3463.8	3733.7	3997.8	4242.9	4467.5	4690.4	4883.4	5047.7
-27.5°	2450.4	2703.4	2952.0	3215.4	3467.7	3705.8	3929.5	4136.2	4331.2	4506.6	4657.9
-30°	2257.3	2492.7	2724.4	2954.8	3186.9	3405.8	3611.7	3804.0	3978.7	4132.8	4266.2
-32.5°	2056.1	2269.9	2486.4	2697.8	2901.3	3102.2	3288.0	3463.1	3624.2	3765.7	3883.1
-35°	1849.4	2046.7	2239.1	2434.4	2618.1	2797.5	2966.9	3122.2	3258.5	3386.4	3496.3
-37.5°	1643.2	1822.1	1998.9	2172.3	2340.5	2495.5	2648.8	2789.9	2912.9	3021.4	3112.6
-40°	1447.7	1601.0	1761.9	1914.0	2066.7	2209.2	2342.8	2465.1	2570.0	2662.8	2741.3
-42.5°	1255.7	1397.9	1533.3	1670.3	1798.8	1923.8	2044.3	2151.5	2243.6	2322.0	2385.0
-45°	1055.6	1189.9	1317.2	1436.9	1551.9	1663.2	1763.0	1851.1	1937.9	2009.6	2066.3
-47.5°	818.9	969.1	1093.2	1204.9	1310.5	1409.8	1502.6	1580.1	1645.6	1706.1	1756.5
-50°	581.1	709.4	840.8	961.8	1059.8	1149.4	1234.2	1297.8	1351.1	1396.9	1437.5
-52.5°	363.0	469.4	577.3	678.7	778.5	869.4	950.9	1015.0	1065.1	1102.6	1138.2
-55°	270.2	309.0	343.8	422.0	505.5	577.7	645.4	717.7	776.6	822.7	865.3
-57.5°	215.9	229.2	247.6	280.7	311.0	338.3	385.1	442.3	493.2	537.7	576.9
-60°	181.7	189.8	201.8	214.1	224.9	234.8	258.8	280.0	298.2	313.9	329.0
-62.5°	154.2	163.7	168.7	175.2	184.2	193.9	197.6	203.0	209.5	216.8	223.5
-65°	119.6	127.0	134.4	138.1	138.4	143.0	150.2	154.3	155.4	156.3	158.7
-67.5°	99.0	101.1	104.9	108.5	112.9	116.1	119.6	123.0	126.0	128.6	130.8
-70°	82.4	85.8	89.0	91.9	94.7	97.3	99.6	101.8	103.7	104.1	104.6
-72.5°	67.6	71.1	73.9	76.7	79.1	81.0	82.5	83.7	84.7	78.3	69.3
-75°	55.0	58.6	61.5	64.1	66.4	67.5	68.2	69.0	69.6	61.7	51.4
-77.5°	44.3	47.0	48.4	50.1	51.9	52.3	52.4	52.6	52.8	46.8	39.2
-80°	28.5	31.2	33.0	34.5	35.6	34.5	32.8	30.9	28.7	25.5	22.0
-82.5°	15.2	16.3	17.4	18.6	19.8	19.6	19.1	18.3	17.3	15.4	13.3
-85°	5.9	5.8	5.6	5.3	4.9	5.1	5.2	5.4	5.5	5.1	4.7
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	4.3	3.9	3.9	3.9	3.9	3.9	4.3	4.7	5.1	5.5	5.4
82.5°	11.0	8.7	9.2	9.7	9.2	8.7	11.0	13.3	15.4	17.3	18.3
80°	18.4	14.6	15.0	15.5	15.0	14.6	18.4	22.0	25.5	28.7	30.9
77.5°	31.1	22.6	21.8	21.4	21.8	22.6	31.1	39.2	46.8	52.8	52.6
75°	40.7	29.7	29.1	29.1	29.1	29.7	40.7	51.4	61.7	69.6	69.0
72.5°	60.1	50.8	44.4	37.9	44.4	50.8	60.1	69.3	78.3	84.7	83.7
70°	105.7	107.0	106.5	104.9	106.5	107.0	105.7	104.6	104.1	103.7	101.8
67.5°	132.6	134.0	134.3	134.0	134.3	134.0	132.6	130.8	128.6	126.0	123.0
65°	160.2	161.2	161.9	162.2	161.9	161.2	160.2	158.7	156.3	155.4	154.3
62.5°	228.5	231.9	235.4	237.9	235.4	231.9	228.5	223.5	216.8	209.5	203.0
60°	342.2	353.1	357.9	358.4	357.9	353.1	342.2	329.0	313.9	298.2	280.0
57.5°	608.2	631.6	652.5	668.2	652.5	631.6	608.2	576.9	537.7	493.2	442.3
55°	899.2	924.2	938.2	942.0	938.2	924.2	899.2	865.3	822.7	776.6	717.7
52.5°	1165.2	1181.8	1197.6	1211.1	1197.6	1181.8	1165.2	1138.2	1102.6	1065.1	1015.0
50°	1468.1	1486.6	1502.2	1514.1	1502.2	1486.6	1468.1	1437.5	1396.9	1351.1	1297.8
47.5°	1791.8	1814.4	1831.1	1842.3	1831.1	1814.4	1791.8	1756.5	1706.1	1645.6	1580.1
45°	2114.8	2153.6	2177.1	2181.3	2177.1	2153.6	2114.8	2066.3	2009.6	1937.9	1851.1
42.5°	2439.5	2476.6	2501.7	2520.2	2501.7	2476.6	2439.5	2385.0	2322.0	2243.6	2151.5
40°	2806.8	2853.4	2874.7	2861.1	2874.7	2853.4	2806.8	2741.3	2662.8	2570.0	2465.1
37.5°	3182.9	3230.8	3255.6	3254.4	3255.6	3230.8	3182.9	3112.6	3021.4	2912.9	2789.9
35°	3581.7	3641.2	3673.3	3665.2	3673.3	3641.2	3581.7	3496.3	3386.4	3258.5	3122.2
32.5°	3976.8	4048.6	4095.0	4102.2	4095.0	4048.6	3976.8	3883.1	3765.7	3624.2	3463.1
30°	4373.1	4450.8	4496.9	4501.4	4496.9	4450.8	4373.1	4266.2	4132.8	3978.7	3804.0
27.5°	4784.9	4871.8	4920.1	4931.6	4920.1	4871.8	4784.9	4657.9	4506.6	4331.2	4136.2
25°	5187.8	5284.2	5339.7	5360.9	5339.7	5284.2	5187.8	5047.7	4883.4	4690.4	4467.5
22.5°	5576.4	5682.1	5754.3	5772.7	5754.3	5682.1	5576.4	5430.9	5255.6	5053.5	4815.3
20°	5966.0	6090.8	6183.1	6192.2	6183.1	6090.8	5966.0	5801.8	5604.2	5383.9	5132.2
17.5°	6341.2	6476.2	6575.0	6599.1	6575.0	6476.2	6341.2	6162.7	5939.9	5695.5	5420.8
15°	6677.0	6818.7	6914.2	6935.2	6914.2	6818.7	6677.0	6491.5	6266.9	6000.8	5691.7
12.5°	6966.9	7097.5	7186.6	7220.7	7186.6	7097.5	6966.9	6781.4	6550.8	6264.8	5936.2
10°	7200.4	7301.3	7381.0	7416.9	7381.0	7301.3	7200.4	7015.6	6778.7	6482.3	6129.4
7.5°	7330.7	7413.7	7468.9	7488.7	7468.9	7413.7	7330.7	7183.8	6940.3	6627.7	6280.0
5°	7382.3	7461.8	7491.7	7509.1	7491.7	7461.8	7382.3	7229.5	7030.8	6747.5	6403.4
2.5°	7389.3	7453.0	7514.4	7554.8	7514.4	7453.0	7389.3	7274.9	7102.8	6834.6	6482.4
0°	7430.5	7492.6	7526.6	7546.0	7526.6	7492.6	7430.5	7327.5	7149.8	6887.6	6534.1
-2.5°	7389.3	7453.0	7514.4	7554.8	7514.4	7453.0	7389.3	7274.9	7102.8	6834.6	6482.4
-5°	7382.3	7461.8	7491.7	7509.1	7491.7	7461.8	7382.3	7229.5	7030.8	6747.5	6403.4
-7.5°	7330.7	7413.7	7468.9	7488.7	7468.9	7413.7	7330.7	7183.8	6940.3	6627.7	6280.0
-10°	7200.4	7301.3	7381.0	7416.9	7381.0	7301.3	7200.4	7015.6	6778.7	6482.3	6129.4
-12.5°	6966.9	7097.5	7186.6	7220.7	7186.6	7097.5	6966.9	6781.4	6550.8	6264.8	5936.2
-15°	6677.0	6818.7	6914.2	6935.2	6914.2	6818.7	6677.0	6491.5	6266.9	6000.8	5691.7
-17.5°	6341.2	6476.2	6575.0	6599.1	6575.0	6476.2	6341.2	6162.7	5939.9	5695.5	5420.8
-20°	5966.0	6090.8	6183.1	6192.2	6183.1	6090.8	5966.0	5801.8	5604.2	5383.9	5132.2



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5576.4	5682.1	5754.3	5772.7	5754.3	5682.1	5576.4	5430.9	5255.6	5053.5	4815.3
-25°	5187.8	5284.2	5339.7	5360.9	5339.7	5284.2	5187.8	5047.7	4883.4	4690.4	4467.5
-27.5°	4784.9	4871.8	4920.1	4931.6	4920.1	4871.8	4784.9	4657.9	4506.6	4331.2	4136.2
-30°	4373.1	4450.8	4496.9	4501.4	4496.9	4450.8	4373.1	4266.2	4132.8	3978.7	3804.0
-32.5°	3976.8	4048.6	4095.0	4102.2	4095.0	4048.6	3976.8	3883.1	3765.7	3624.2	3463.1
-35°	3581.7	3641.2	3673.3	3665.2	3673.3	3641.2	3581.7	3496.3	3386.4	3258.5	3122.2
-37.5°	3182.9	3230.8	3255.6	3254.4	3255.6	3230.8	3182.9	3112.6	3021.4	2912.9	2789.9
-40°	2806.8	2853.4	2874.7	2861.1	2874.7	2853.4	2806.8	2741.3	2662.8	2570.0	2465.1
-42.5°	2439.5	2476.6	2501.7	2520.2	2501.7	2476.6	2439.5	2385.0	2322.0	2243.6	2151.5
-45°	2114.8	2153.6	2177.1	2181.3	2177.1	2153.6	2114.8	2066.3	2009.6	1937.9	1851.1
-47.5°	1791.8	1814.4	1831.1	1842.3	1831.1	1814.4	1791.8	1756.5	1706.1	1645.6	1580.1
-50°	1468.1	1486.6	1502.2	1514.1	1502.2	1486.6	1468.1	1437.5	1396.9	1351.1	1297.8
-52.5°	1165.2	1181.8	1197.6	1211.1	1197.6	1181.8	1165.2	1138.2	1102.6	1065.1	1015.0
-55°	899.2	924.2	938.2	942.0	938.2	924.2	899.2	865.3	822.7	776.6	717.7
-57.5°	608.2	631.6	652.5	668.2	652.5	631.6	608.2	576.9	537.7	493.2	442.3
-60°	342.2	353.1	357.9	358.4	357.9	353.1	342.2	329.0	313.9	298.2	280.0
-62.5°	228.5	231.9	235.4	237.9	235.4	231.9	228.5	223.5	216.8	209.5	203.0
-65°	160.2	161.2	161.9	162.2	161.9	161.2	160.2	158.7	156.3	155.4	154.3
-67.5°	132.6	134.0	134.3	134.0	134.3	134.0	132.6	130.8	128.6	126.0	123.0
-70°	105.7	107.0	106.5	104.9	106.5	107.0	105.7	104.6	104.1	103.7	101.8
-72.5°	60.1	50.8	44.4	37.9	44.4	50.8	60.1	69.3	78.3	84.7	83.7
-75°	40.7	29.7	29.1	29.1	29.1	29.7	40.7	51.4	61.7	69.6	69.0
-77.5°	31.1	22.6	21.8	21.4	21.8	22.6	31.1	39.2	46.8	52.8	52.6
-80°	18.4	14.6	15.0	15.5	15.0	14.6	18.4	22.0	25.5	28.7	30.9
-82.5°	11.0	8.7	9.2	9.7	9.2	8.7	11.0	13.3	15.4	17.3	18.3
-85°	4.3	3.9	3.9	3.9	3.9	3.9	4.3	4.7	5.1	5.5	5.4
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	1.0	1.1	1.2	1.3
85°	5.2	5.1	4.9	5.3	5.6	5.8	5.9	5.2	4.5	4.0	3.5
82.5°	19.1	19.6	19.8	18.6	17.4	16.3	15.2	12.7	10.4	8.4	6.8
80°	32.8	34.5	35.6	34.5	33.0	31.2	28.5	23.4	18.8	15.1	12.7
77.5°	52.4	52.3	51.9	50.1	48.4	47.0	44.3	36.6	29.0	22.3	18.9
75°	68.2	67.5	66.4	64.1	61.5	58.6	55.0	49.7	43.0	34.9	29.3
72.5°	82.5	81.0	79.1	76.7	73.9	71.1	67.6	63.2	58.1	52.1	47.5
70°	99.6	97.3	94.7	91.9	89.0	85.8	82.4	78.0	72.6	66.8	63.5
67.5°	119.6	116.1	112.9	108.5	104.9	101.1	99.0	95.4	90.4	84.4	80.4
65°	150.2	143.0	138.4	138.1	134.4	127.0	119.6	116.1	112.0	105.3	98.3
62.5°	197.6	193.9	184.2	175.2	168.7	163.7	154.2	144.2	136.3	129.4	120.2
60°	258.8	234.8	224.9	214.1	201.8	189.8	181.7	171.9	160.3	151.2	141.7
57.5°	385.1	338.3	311.0	280.7	247.6	229.2	215.9	200.5	187.5	174.7	162.8
55°	645.4	577.7	505.5	422.0	343.8	309.0	270.2	239.7	220.9	199.4	185.2
52.5°	950.9	869.4	778.5	678.7	577.3	469.4	363.0	317.8	265.9	233.9	210.1
50°	1234.2	1149.4	1059.8	961.8	840.8	709.4	581.1	453.2	348.7	289.0	241.4
47.5°	1502.6	1409.8	1310.5	1204.9	1093.2	969.1	818.9	661.4	513.3	364.7	299.8
45°	1763.0	1663.2	1551.9	1436.9	1317.2	1189.9	1055.6	893.9	715.8	544.8	368.3
42.5°	2044.3	1923.8	1798.8	1670.3	1533.3	1397.9	1255.7	1104.1	933.1	736.7	545.6
40°	2342.8	2209.2	2066.7	1914.0	1761.9	1601.0	1447.7	1288.3	1121.9	936.4	720.9
37.5°	2648.8	2495.5	2340.5	2172.3	1998.9	1822.1	1643.2	1467.6	1289.9	1108.6	900.0
35°	2966.9	2797.5	2618.1	2434.4	2239.1	2046.7	1849.4	1650.0	1455.6	1262.0	1062.6
32.5°	3288.0	3102.2	2901.3	2697.8	2486.4	2269.9	2056.1	1839.6	1617.6	1411.2	1202.3
30°	3611.7	3405.8	3186.9	2954.8	2724.4	2492.7	2257.3	2019.9	1782.1	1552.9	1336.4
27.5°	3929.5	3705.8	3467.7	3215.4	2952.0	2703.4	2450.4	2193.0	1937.0	1693.0	1460.6
25°	4242.9	3997.8	3733.7	3463.8	3187.5	2897.8	2629.1	2358.5	2089.1	1823.8	1572.9
22.5°	4555.1	4280.8	3990.4	3692.5	3402.8	3097.8	2797.9	2510.5	2229.5	1948.3	1682.7
20°	4854.1	4552.0	4238.7	3916.2	3595.4	3281.1	2958.4	2652.8	2356.1	2064.9	1784.8
17.5°	5118.2	4798.2	4468.8	4120.5	3778.0	3444.0	3110.0	2783.2	2470.6	2166.2	1877.3
15°	5362.1	5022.4	4672.2	4307.9	3943.9	3586.3	3241.2	2898.0	2573.3	2256.2	1959.3
12.5°	5583.6	5223.5	4856.4	4472.3	4090.4	3712.1	3352.6	3001.5	2663.1	2336.5	2028.5
10°	5764.5	5390.0	5008.6	4614.7	4216.8	3821.7	3445.1	3084.9	2735.4	2400.4	2086.1
7.5°	5911.4	5520.9	5124.8	4727.3	4317.4	3913.2	3522.1	3148.0	2791.9	2447.1	2131.5
5°	6026.1	5623.9	5213.7	4810.1	4390.1	3977.2	3579.6	3190.4	2831.5	2477.1	2164.1
2.5°	6104.7	5694.0	5269.0	4860.0	4437.2	4017.1	3622.5	3223.3	2859.7	2508.7	2192.7
0°	6152.4	5746.4	5310.4	4894.7	4480.0	4039.1	3651.6	3245.7	2871.8	2528.9	2207.5
-2.5°	6104.7	5694.0	5269.0	4860.0	4437.2	4017.1	3622.5	3223.3	2859.7	2508.7	2192.7
-5°	6026.1	5623.9	5213.7	4810.1	4390.1	3977.2	3579.6	3190.4	2831.5	2477.1	2164.1
-7.5°	5911.4	5520.9	5124.8	4727.3	4317.4	3913.2	3522.1	3148.0	2791.9	2447.1	2131.5
-10°	5764.5	5390.0	5008.6	4614.7	4216.8	3821.7	3445.1	3084.9	2735.4	2400.4	2086.1
-12.5°	5583.6	5223.5	4856.4	4472.3	4090.4	3712.1	3352.6	3001.5	2663.1	2336.5	2028.5
-15°	5362.1	5022.4	4672.2	4307.9	3943.9	3586.3	3241.2	2898.0	2573.3	2256.2	1959.3
-17.5°	5118.2	4798.2	4468.8	4120.5	3778.0	3444.0	3110.0	2783.2	2470.6	2166.2	1877.3
-20°	4854.1	4552.0	4238.7	3916.2	3595.4	3281.1	2958.4	2652.8	2356.1	2064.9	1784.8



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4555.1	4280.8	3990.4	3692.5	3402.8	3097.8	2797.9	2510.5	2229.5	1948.3	1682.7
-25°	4242.9	3997.8	3733.7	3463.8	3187.5	2897.8	2629.1	2358.5	2089.1	1823.8	1572.9
-27.5°	3929.5	3705.8	3467.7	3215.4	2952.0	2703.4	2450.4	2193.0	1937.0	1693.0	1460.6
-30°	3611.7	3405.8	3186.9	2954.8	2724.4	2492.7	2257.3	2019.9	1782.1	1552.9	1336.4
-32.5°	3288.0	3102.2	2901.3	2697.8	2486.4	2269.9	2056.1	1839.6	1617.6	1411.2	1202.3
-35°	2966.9	2797.5	2618.1	2434.4	2239.1	2046.7	1849.4	1650.0	1455.6	1262.0	1062.6
-37.5°	2648.8	2495.5	2340.5	2172.3	1998.9	1822.1	1643.2	1467.6	1289.9	1108.6	900.0
-40°	2342.8	2209.2	2066.7	1914.0	1761.9	1601.0	1447.7	1288.3	1121.9	936.4	720.9
-42.5°	2044.3	1923.8	1798.8	1670.3	1533.3	1397.9	1255.7	1104.1	933.1	736.7	545.6
-45°	1763.0	1663.2	1551.9	1436.9	1317.2	1189.9	1055.6	893.9	715.8	544.8	368.3
-47.5°	1502.6	1409.8	1310.5	1204.9	1093.2	969.1	818.9	661.4	513.3	364.7	299.8
-50°	1234.2	1149.4	1059.8	961.8	840.8	709.4	581.1	453.2	348.7	289.0	241.4
-52.5°	950.9	869.4	778.5	678.7	577.3	469.4	363.0	317.8	265.9	233.9	210.1
-55°	645.4	577.7	505.5	422.0	343.8	309.0	270.2	239.7	220.9	199.4	185.2
-57.5°	385.1	338.3	311.0	280.7	247.6	229.2	215.9	200.5	187.5	174.7	162.8
-60°	258.8	234.8	224.9	214.1	201.8	189.8	181.7	171.9	160.3	151.2	141.7
-62.5°	197.6	193.9	184.2	175.2	168.7	163.7	154.2	144.2	136.3	129.4	120.2
-65°	150.2	143.0	138.4	138.1	134.4	127.0	119.6	116.1	112.0	105.3	98.3
-67.5°	119.6	116.1	112.9	108.5	104.9	101.1	99.0	95.4	90.4	84.4	80.4
-70°	99.6	97.3	94.7	91.9	89.0	85.8	82.4	78.0	72.6	66.8	63.5
-72.5°	82.5	81.0	79.1	76.7	73.9	71.1	67.6	63.2	58.1	52.1	47.5
-75°	68.2	67.5	66.4	64.1	61.5	58.6	55.0	49.7	43.0	34.9	29.3
-77.5°	52.4	52.3	51.9	50.1	48.4	47.0	44.3	36.6	29.0	22.3	18.9
-80°	32.8	34.5	35.6	34.5	33.0	31.2	28.5	23.4	18.8	15.1	12.7
-82.5°	19.1	19.6	19.8	18.6	17.4	16.3	15.2	12.7	10.4	8.4	6.8
-85°	5.2	5.1	4.9	5.3	5.6	5.8	5.9	5.2	4.5	4.0	3.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	1.0	1.1	1.2	1.3
-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: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-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°	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.0	0.9
85°	3.5	3.4	3.2	2.9	2.7	2.4	2.5	2.4	2.2	2.0	1.7
82.5°	6.8	6.9	7.0	6.8	6.8	6.6	6.1	5.5	4.3	3.1	2.6
80°	14.3	15.0	15.1	14.1	12.4	10.7	10.3	9.5	7.9	6.2	4.7
77.5°	21.8	23.9	25.1	24.6	21.9	19.3	16.8	14.2	11.4	9.3	7.3
75°	29.8	32.5	34.6	34.6	31.7	27.9	24.5	21.0	16.8	12.6	9.9
72.5°	45.1	44.0	44.4	44.6	42.1	38.4	33.5	27.7	22.9	18.0	13.1
70°	60.5	56.5	53.8	53.3	52.0	49.3	44.4	36.9	29.0	23.4	17.8
67.5°	76.7	72.7	67.5	63.0	61.3	58.9	55.2	46.4	37.0	28.7	22.4
65°	93.3	88.5	83.7	77.0	72.0	68.6	64.8	55.4	44.8	35.2	27.0
62.5°	111.4	103.6	97.4	90.3	83.4	78.3	74.1	64.0	52.4	41.4	31.9
60°	131.4	121.4	111.2	102.7	94.6	87.3	81.4	72.7	60.6	47.3	36.8
57.5°	151.7	139.4	126.7	115.4	105.9	96.8	88.4	79.9	68.8	54.5	41.1
55°	172.0	158.4	142.3	128.5	117.1	106.9	95.9	86.5	76.5	62.1	44.6
52.5°	191.6	176.2	159.0	141.8	127.9	116.4	104.2	93.0	82.6	69.6	49.6
50°	215.6	193.2	175.2	156.6	138.6	125.2	112.0	99.9	88.6	76.5	54.4
47.5°	243.5	215.1	191.2	171.0	151.5	133.8	119.8	106.4	94.5	81.8	58.5
45°	298.8	239.9	209.9	185.8	163.7	144.1	127.6	112.5	99.9	84.1	61.9
42.5°	362.1	286.2	231.9	200.4	176.9	154.5	135.1	119.2	104.9	85.6	63.9
40°	514.4	344.0	261.5	220.0	190.1	164.1	143.7	125.8	109.1	86.5	64.6
37.5°	670.8	451.3	313.7	238.9	204.1	175.9	151.8	132.2	110.9	87.5	64.8
35°	829.6	591.6	364.8	273.1	221.0	187.4	159.1	138.6	115.0	88.4	64.5
32.5°	980.3	727.1	481.9	318.5	237.1	198.5	167.8	144.9	120.2	89.3	63.6
30°	1109.6	858.7	598.0	361.7	259.7	212.2	177.4	150.9	126.3	90.1	62.7
27.5°	1227.2	981.6	707.1	445.6	297.0	225.4	186.5	156.6	133.4	92.3	62.9
25°	1335.3	1086.4	812.5	537.5	332.0	238.0	194.7	161.9	139.0	97.1	62.9
22.5°	1430.9	1179.7	908.8	621.3	363.6	250.2	203.6	168.7	143.3	102.2	62.7
20°	1516.6	1264.5	996.4	698.7	415.6	276.4	213.1	174.8	147.1	107.4	62.4
17.5°	1593.8	1338.2	1070.0	772.0	477.8	299.5	221.8	180.1	150.6	112.6	61.8
15°	1669.1	1400.9	1132.6	836.9	532.5	319.6	229.7	184.6	153.7	117.7	61.5
12.5°	1732.4	1454.4	1185.3	893.0	579.5	336.5	236.6	188.4	156.3	122.2	61.1
10°	1783.2	1498.6	1228.2	940.0	618.7	350.4	242.4	191.2	158.3	126.0	59.9
7.5°	1821.5	1533.2	1261.2	977.4	649.6	361.7	246.2	192.9	160.0	129.0	58.0
5°	1849.1	1559.3	1285.3	1005.1	672.0	371.0	248.6	193.7	161.2	131.1	55.5
2.5°	1871.9	1577.6	1300.4	1022.9	685.6	377.4	249.7	193.9	161.9	132.2	52.6
0°	1883.1	1585.9	1306.2	1030.4	690.5	380.7	249.6	193.3	162.2	132.1	49.5
-2.5°	1871.9	1577.6	1300.4	1022.9	685.6	377.4	249.7	193.9	161.9	132.2	52.6
-5°	1849.1	1559.3	1285.3	1005.1	672.0	371.0	248.6	193.7	161.2	131.1	55.5
-7.5°	1821.5	1533.2	1261.2	977.4	649.6	361.7	246.2	192.9	160.0	129.0	58.0
-10°	1783.2	1498.6	1228.2	940.0	618.7	350.4	242.4	191.2	158.3	126.0	59.9
-12.5°	1732.4	1454.4	1185.3	893.0	579.5	336.5	236.6	188.4	156.3	122.2	61.1
-15°	1669.1	1400.9	1132.6	836.9	532.5	319.6	229.7	184.6	153.7	117.7	61.5
-17.5°	1593.8	1338.2	1070.0	772.0	477.8	299.5	221.8	180.1	150.6	112.6	61.8
-20°	1516.6	1264.5	996.4	698.7	415.6	276.4	213.1	174.8	147.1	107.4	62.4



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1430.9	1179.7	908.8	621.3	363.6	250.2	203.6	168.7	143.3	102.2	62.7
-25°	1335.3	1086.4	812.5	537.5	332.0	238.0	194.7	161.9	139.0	97.1	62.9
-27.5°	1227.2	981.6	707.1	445.6	297.0	225.4	186.5	156.6	133.4	92.3	62.9
-30°	1109.6	858.7	598.0	361.7	259.7	212.2	177.4	150.9	126.3	90.1	62.7
-32.5°	980.3	727.1	481.9	318.5	237.1	198.5	167.8	144.9	120.2	89.3	63.6
-35°	829.6	591.6	364.8	273.1	221.0	187.4	159.1	138.6	115.0	88.4	64.5
-37.5°	670.8	451.3	313.7	238.9	204.1	175.9	151.8	132.2	110.9	87.5	64.8
-40°	514.4	344.0	261.5	220.0	190.1	164.1	143.7	125.8	109.1	86.5	64.6
-42.5°	362.1	286.2	231.9	200.4	176.9	154.5	135.1	119.2	104.9	85.6	63.9
-45°	298.8	239.9	209.9	185.8	163.7	144.1	127.6	112.5	99.9	84.1	61.9
-47.5°	243.5	215.1	191.2	171.0	151.5	133.8	119.8	106.4	94.5	81.8	58.5
-50°	215.6	193.2	175.2	156.6	138.6	125.2	112.0	99.9	88.6	76.5	54.4
-52.5°	191.6	176.2	159.0	141.8	127.9	116.4	104.2	93.0	82.6	69.6	49.6
-55°	172.0	158.4	142.3	128.5	117.1	106.9	95.9	86.5	76.5	62.1	44.6
-57.5°	151.7	139.4	126.7	115.4	105.9	96.8	88.4	79.9	68.8	54.5	41.1
-60°	131.4	121.4	111.2	102.7	94.6	87.3	81.4	72.7	60.6	47.3	36.8
-62.5°	111.4	103.6	97.4	90.3	83.4	78.3	74.1	64.0	52.4	41.4	31.9
-65°	93.3	88.5	83.7	77.0	72.0	68.6	64.8	55.4	44.8	35.2	27.0
-67.5°	76.7	72.7	67.5	63.0	61.3	58.9	55.2	46.4	37.0	28.7	22.4
-70°	60.5	56.5	53.8	53.3	52.0	49.3	44.4	36.9	29.0	23.4	17.8
-72.5°	45.1	44.0	44.4	44.6	42.1	38.4	33.5	27.7	22.9	18.0	13.1
-75°	29.8	32.5	34.6	34.6	31.7	27.9	24.5	21.0	16.8	12.6	9.9
-77.5°	21.8	23.9	25.1	24.6	21.9	19.3	16.8	14.2	11.4	9.3	7.3
-80°	14.3	15.0	15.1	14.1	12.4	10.7	10.3	9.5	7.9	6.2	4.7
-82.5°	6.8	6.9	7.0	6.8	6.8	6.6	6.1	5.5	4.3	3.1	2.6
-85°	3.5	3.4	3.2	2.9	2.7	2.4	2.5	2.4	2.2	2.0	1.7
-87.5°	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.0	0.9
-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: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
80°	3.2	2.5	2.0	1.5	1.0	0.5	0.0
77.5°	5.4	3.5	2.5	1.9	1.3	0.6	0.0
75°	7.5	5.0	3.1	2.2	1.5	0.8	0.0
72.5°	9.6	6.5	4.1	2.6	1.7	0.9	0.0
70°	11.8	7.9	5.1	3.0	2.0	1.0	0.0
67.5°	15.3	9.3	6.0	3.6	2.2	1.1	0.0
65°	18.7	11.1	6.9	4.2	2.4	1.2	0.0
62.5°	21.8	13.3	7.8	4.7	2.7	1.3	0.0
60°	24.6	15.4	8.6	5.2	2.9	1.4	0.0
57.5°	27.5	17.2	9.8	5.7	3.2	1.6	0.0
55°	30.0	18.8	10.9	6.1	3.5	1.7	0.0
52.5°	32.2	20.2	11.8	6.5	3.7	1.8	0.0
50°	34.0	21.6	12.6	6.9	4.0	1.9	0.0
47.5°	35.7	22.6	13.3	7.2	4.3	2.0	0.0
45°	38.6	23.4	13.9	7.6	4.5	2.1	0.0
42.5°	41.0	24.0	14.3	7.9	4.7	2.1	0.0
40°	43.0	24.2	14.5	8.2	5.0	2.2	0.0
37.5°	44.4	24.2	14.6	8.6	5.2	2.3	0.0
35°	45.4	24.8	14.6	9.0	5.4	2.4	0.0
32.5°	45.6	25.4	14.4	9.4	5.6	2.4	0.0
30°	44.7	25.8	14.0	9.7	5.8	2.5	0.0
27.5°	43.5	25.8	14.3	10.0	5.9	2.6	0.0
25°	41.9	25.5	14.8	10.3	6.1	2.6	0.0
22.5°	40.0	25.5	15.2	10.6	6.2	2.7	0.0
20°	37.8	26.7	15.6	10.8	6.3	2.7	0.0
17.5°	37.4	27.7	15.9	11.0	6.4	2.8	0.0
15°	38.1	28.6	16.3	11.2	6.5	2.8	0.0
12.5°	38.8	29.4	16.5	11.3	6.6	2.8	0.0
10°	39.4	30.0	16.8	11.5	6.7	2.9	0.0
7.5°	39.9	30.5	17.0	11.6	6.7	2.9	0.0
5°	40.3	30.8	17.2	11.6	6.8	2.9	0.0
2.5°	40.6	31.0	17.4	11.7	6.8	2.9	0.0
0°	40.8	31.1	17.5	11.7	6.8	2.9	0.0
-2.5°	40.6	31.0	17.4	11.7	6.8	2.9	0.0
-5°	40.3	30.8	17.2	11.6	6.8	2.9	0.0
-7.5°	39.9	30.5	17.0	11.6	6.7	2.9	0.0
-10°	39.4	30.0	16.8	11.5	6.7	2.9	0.0
-12.5°	38.8	29.4	16.5	11.3	6.6	2.8	0.0
-15°	38.1	28.6	16.3	11.2	6.5	2.8	0.0
-17.5°	37.4	27.7	15.9	11.0	6.4	2.8	0.0
-20°	37.8	26.7	15.6	10.8	6.3	2.7	0.0



REPORT NUMBER: P558771 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.0	25.5	15.2	10.6	6.2	2.7	0.0
-25°	41.9	25.5	14.8	10.3	6.1	2.6	0.0
-27.5°	43.5	25.8	14.3	10.0	5.9	2.6	0.0
-30°	44.7	25.8	14.0	9.7	5.8	2.5	0.0
-32.5°	45.6	25.4	14.4	9.4	5.6	2.4	0.0
-35°	45.4	24.8	14.6	9.0	5.4	2.4	0.0
-37.5°	44.4	24.2	14.6	8.6	5.2	2.3	0.0
-40°	43.0	24.2	14.5	8.2	5.0	2.2	0.0
-42.5°	41.0	24.0	14.3	7.9	4.7	2.1	0.0
-45°	38.6	23.4	13.9	7.6	4.5	2.1	0.0
-47.5°	35.7	22.6	13.3	7.2	4.3	2.0	0.0
-50°	34.0	21.6	12.6	6.9	4.0	1.9	0.0
-52.5°	32.2	20.2	11.8	6.5	3.7	1.8	0.0
-55°	30.0	18.8	10.9	6.1	3.5	1.7	0.0
-57.5°	27.5	17.2	9.8	5.7	3.2	1.6	0.0
-60°	24.6	15.4	8.6	5.2	2.9	1.4	0.0
-62.5°	21.8	13.3	7.8	4.7	2.7	1.3	0.0
-65°	18.7	11.1	6.9	4.2	2.4	1.2	0.0
-67.5°	15.3	9.3	6.0	3.6	2.2	1.1	0.0
-70°	11.8	7.9	5.1	3.0	2.0	1.0	0.0
-72.5°	9.6	6.5	4.1	2.6	1.7	0.9	0.0
-75°	7.5	5.0	3.1	2.2	1.5	0.8	0.0
-77.5°	5.4	3.5	2.5	1.9	1.3	0.6	0.0
-80°	3.2	2.5	2.0	1.5	1.0	0.5	0.0
-82.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
-85°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)