

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-735-U-VWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

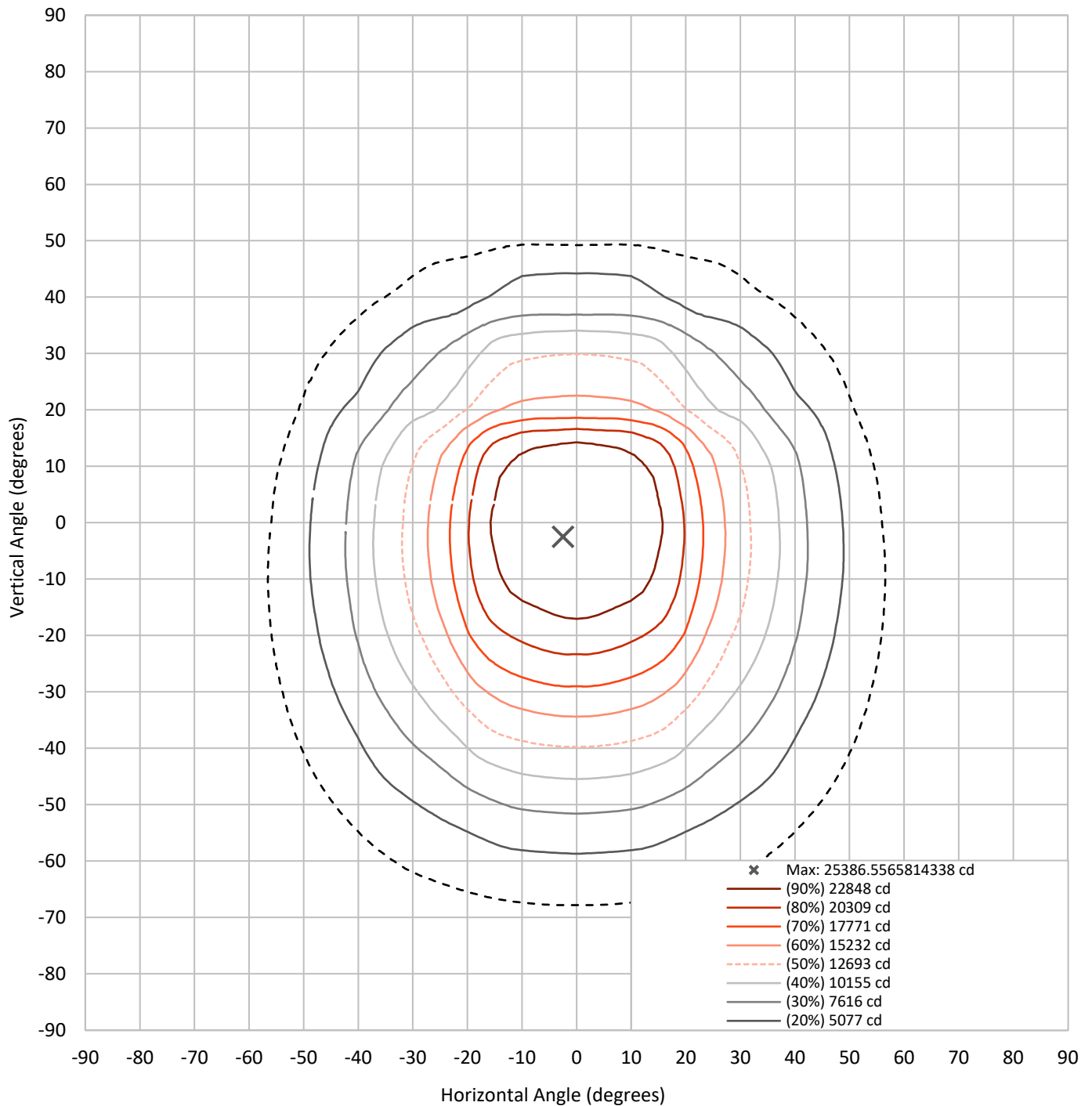
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	33879.2 lumens	Max Intensity:	25386.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	104.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	19601.4 lumens	Field Lumens:	32149.2 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	325.9		
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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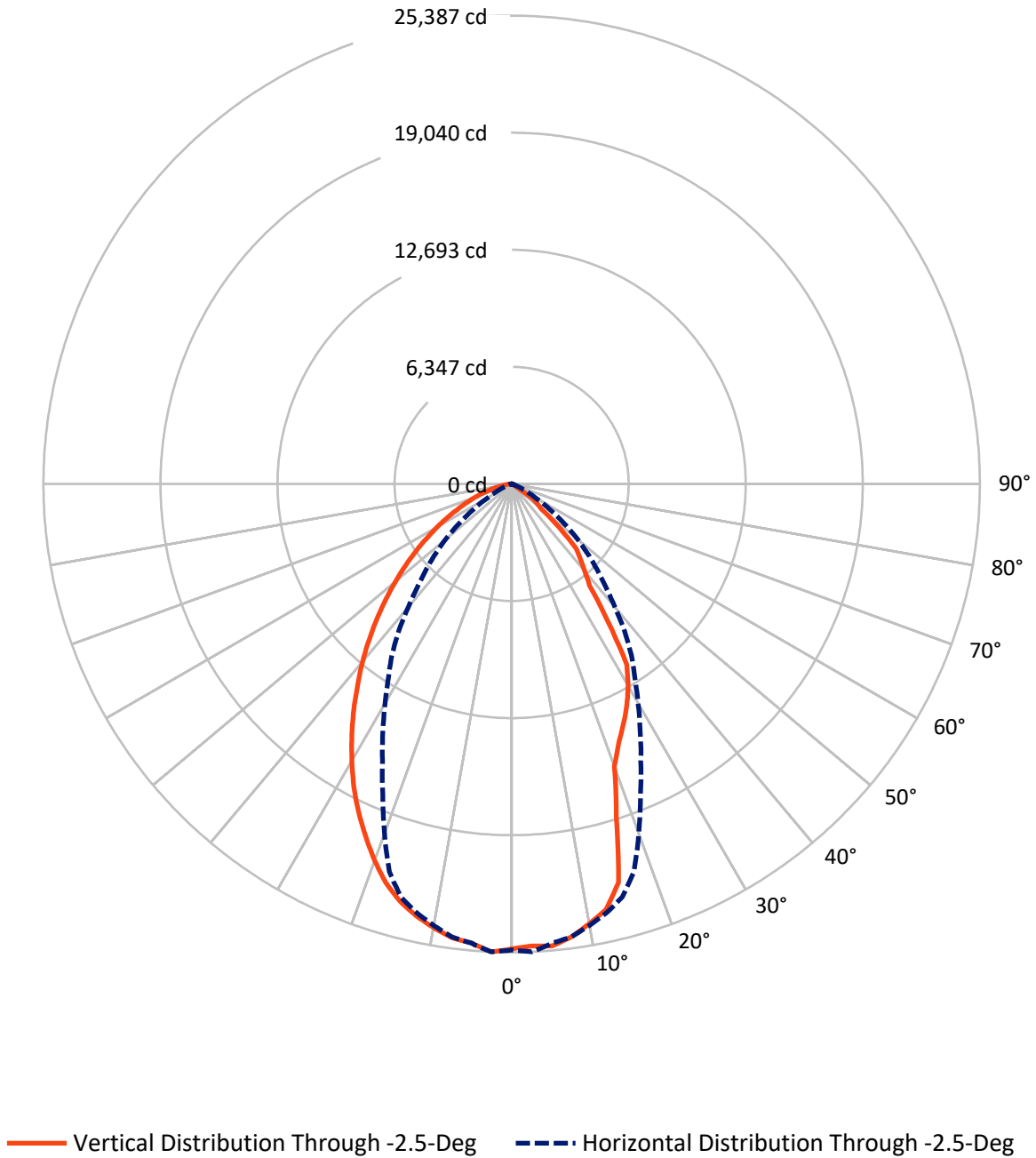
CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

### Lumen Table

90																			
80	0.1	0.2		0.2		0.4		0.4		0.4		0.2		0.2		0.1			
70																			
60	0.3	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.3			
50		0.3	0.7	3.1	9.2	17.8	26.4	32.9	32.9	26.4	17.8	9.2	3.1	0.7	0.3				
40	0.6	0.6	3.8	17.4	42.0	75.6	111.7	136.8	136.8	111.7	75.6	42.0	17.4	3.8	0.6	0.6			
30		1.6	12.6	44.0	98.1	159.2	238.7	279.0	279.0	238.7	159.2	98.1	44.0	12.6	1.6				
20	1.0	3.7	24.4	78.0	158.2	250.9	376.3	432.5	432.5	376.3	250.9	158.2	78.0	24.4	3.7	1.0			
10		6.4	37.4	115.4	227.9	375.1	558.4	640.4	640.4	558.4	375.1	227.9	115.4	37.4	6.4				
0	1.7	8.8	48.5	137.0	272.6	448.2	659.4	748.3	748.3	659.4	448.2	272.6	137.0	48.5	8.8	1.7			
-10		10.4	53.5	142.3	279.9	458.5	664.3	751.1	751.1	664.3	458.5	279.9	142.3	53.5	10.4				
-20	2.2	10.9	52.3	134.7	263.9	429.3	616.5	696.6	696.6	616.5	429.3	263.9	134.7	52.3	10.9	2.2			
-30		9.9	45.8	117.5	228.0	365.0	516.8	585.4	585.4	516.8	365.0	228.0	117.5	45.8	9.9				
-40	2.1	8.3	36.5	92.4	179.3	281.5	394.7	446.9	446.9	394.7	281.5	179.3	92.4	36.5	8.3	2.1			
-50		6.7	27.0	65.9	128.5	198.0	273.2	310.1	310.1	273.2	198.0	128.5	65.9	27.0	6.7				
-60	1.6	5.0	17.7	42.3	79.8	122.9	167.0	190.4	190.4	167.0	122.9	79.8	42.3	17.7	5.0	1.6			
-70		3.5	10.7	24.7	43.9	65.2	86.3	97.8	97.8	86.3	65.2	43.9	24.7	10.7	3.5				
-80	0.6	7.9		36.5		79.7		89.0		79.7		36.5		7.9		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

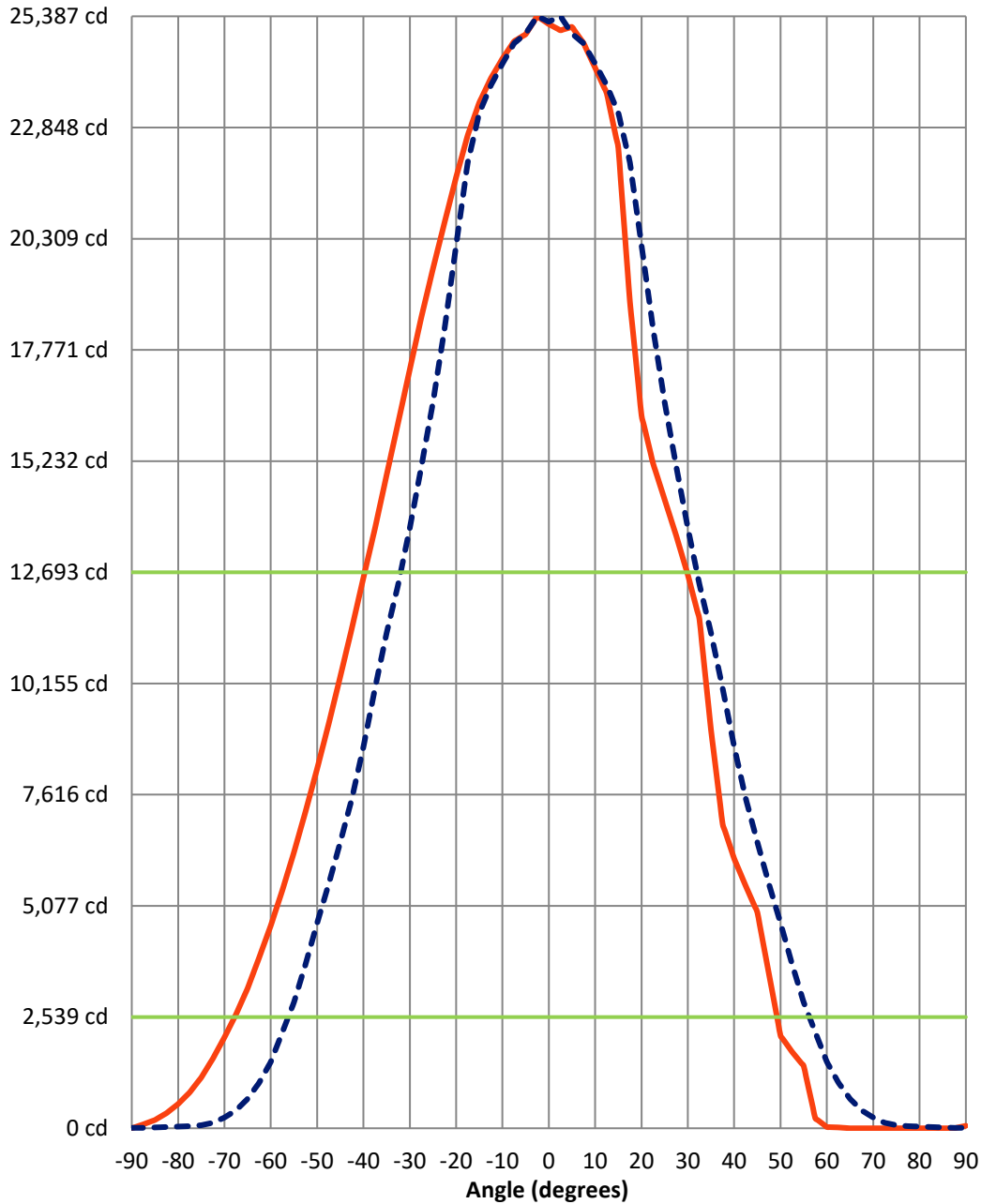
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 19601.4  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 32149.2  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 1730  
 Efficiency: 5.1%

- Vertical Distribution through -2.5-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°	9.5	9.5	9.5	11.9	14.3	16.6	19.0	21.4	23.7	26.1	28.4
87.5°	9.5	9.5	9.5	9.2	8.7	8.0	7.0	5.0	3.1	1.5	0.0
85°	9.5	9.5	9.5	8.9	7.9	6.4	4.6	2.9	1.5	0.6	0.0
82.5°	9.5	9.5	9.5	8.6	7.1	4.9	2.2	0.7	0.2	1.4	2.5
80°	9.5	9.5	9.5	8.3	6.3	3.5	0.5	1.9	3.4	5.0	6.5
77.5°	9.5	9.5	9.5	8.1	5.6	3.2	2.9	4.7	6.6	8.6	8.6
75°	9.5	9.5	9.5	7.8	5.2	4.7	5.3	7.5	9.4	7.7	5.0
72.5°	9.5	9.5	9.5	7.7	6.0	6.2	7.6	9.4	8.1	5.5	1.7
70°	9.5	9.5	9.5	7.6	6.8	7.6	9.5	9.0	7.0	3.6	4.4
67.5°	9.5	9.5	9.5	7.9	7.6	8.9	9.8	8.7	6.2	7.4	8.5
65°	9.5	9.5	9.5	8.2	8.3	9.8	10.2	8.7	9.5	11.1	11.7
62.5°	9.5	9.5	9.5	8.5	8.9	10.6	10.7	10.7	12.8	14.4	13.1
60°	9.5	9.5	9.5	8.8	9.5	11.4	11.3	13.6	16.0	16.5	14.8
57.5°	9.5	9.5	9.6	9.0	10.4	12.3	13.5	16.4	18.8	19.0	18.5
55°	9.5	9.5	9.8	9.2	11.3	13.3	15.9	19.2	21.6	22.0	23.0
52.5°	9.5	9.5	9.9	9.3	12.4	14.5	18.3	22.0	24.7	26.1	27.5
50°	9.5	9.5	10.1	9.4	13.4	16.5	20.6	24.6	28.1	30.1	32.0
47.5°	9.5	9.5	10.4	9.7	14.5	18.4	22.9	27.3	31.6	34.1	36.4
45°	9.5	9.5	10.6	10.6	15.7	20.2	25.1	29.9	34.9	38.1	40.8
42.5°	9.5	9.5	11.0	11.5	16.8	22.0	27.2	32.8	38.5	42.0	49.5
40°	9.5	9.5	11.3	12.6	18.2	23.8	29.3	36.0	42.2	45.9	59.1
37.5°	9.5	9.5	11.7	13.9	19.5	25.5	31.4	39.3	46.2	52.2	68.9
35°	9.5	9.5	12.1	15.1	20.8	27.1	33.4	42.8	50.4	64.1	87.6
32.5°	9.5	9.5	12.5	16.3	22.1	28.7	35.6	46.3	54.7	78.1	125.0
30°	9.5	9.5	13.0	17.5	23.3	30.2	38.4	50.0	59.2	94.1	161.4
27.5°	9.5	9.5	13.4	18.6	24.8	31.7	41.2	53.6	67.1	111.8	196.7
25°	9.5	9.5	13.9	19.7	26.2	33.1	44.0	57.3	80.8	137.8	231.2
22.5°	9.5	9.5	14.5	20.8	27.7	34.5	46.8	61.1	95.2	166.3	276.8
20°	9.5	9.5	15.0	21.8	29.0	36.3	49.5	64.8	110.2	193.3	322.2
17.5°	9.5	9.5	15.5	22.8	30.4	37.9	52.3	68.4	125.5	218.9	366.7
15°	9.5	9.5	16.1	23.8	31.6	39.5	54.9	73.2	140.8	242.7	410.0
12.5°	9.5	9.5	16.6	24.7	32.8	41.0	57.3	79.8	157.9	264.9	451.5
10°	9.5	9.5	17.1	25.5	34.0	42.5	59.5	86.7	175.9	290.7	493.0
7.5°	9.5	9.5	17.6	26.3	35.1	43.8	61.5	93.7	193.1	315.7	536.8
5°	9.5	9.5	18.1	27.1	36.1	45.1	63.3	100.7	209.2	339.0	577.0
2.5°	9.5	9.5	18.6	27.8	37.0	46.3	64.9	107.4	223.9	360.2	613.1
0°	9.5	9.5	19.0	28.4	37.9	47.4	66.3	113.7	236.9	379.1	644.4
-2.5°	9.5	9.5	19.0	28.4	37.9	47.4	66.3	113.7	236.9	379.1	644.4
-5°	9.5	9.5	18.9	28.3	39.4	49.3	73.4	135.9	253.9	435.2	695.7
-7.5°	9.5	9.5	18.8	28.2	40.0	50.1	76.3	145.1	259.8	456.6	713.8
-10°	9.5	9.5	18.7	28.0	40.4	50.9	78.8	152.8	264.2	472.1	727.1
-12.5°	9.5	9.5	18.5	27.7	40.7	51.5	80.6	158.5	267.2	480.2	737.4
-15°	9.5	9.5	18.4	27.4	40.9	52.0	81.8	161.9	272.7	479.4	741.2
-17.5°	9.5	9.5	18.1	27.1	40.8	52.4	82.2	165.4	280.9	474.5	736.6
-20°	9.5	9.5	17.9	26.7	40.5	52.7	84.3	168.8	286.2	465.8	723.1

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Scaled Data Report



REPORT NUMBER: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	9.5	9.5	17.6	26.2	40.1	52.9	89.8	170.3	288.5	453.4	700.1
-25°	9.5	9.5	17.2	25.7	39.3	56.4	94.2	169.8	287.7	437.3	667.3
-27.5°	9.5	9.5	16.8	25.2	38.4	60.8	97.6	167.2	283.7	423.6	643.4
-30°	9.5	9.5	16.4	24.6	37.5	64.6	100.0	162.6	278.4	417.4	616.4
-32.5°	9.5	9.5	16.0	24.0	38.8	67.8	101.3	162.8	271.6	407.0	586.0
-35°	9.5	9.5	15.6	23.3	39.8	70.2	104.0	163.7	262.2	392.3	552.3
-37.5°	9.5	9.5	15.1	22.5	40.5	71.8	106.8	163.1	250.1	373.3	537.2
-40°	9.5	9.5	14.5	21.8	40.8	72.3	108.4	160.9	235.3	355.1	520.3
-42.5°	9.5	9.5	14.0	21.3	41.1	72.3	109.0	157.2	226.9	340.4	494.5
-45°	9.5	9.5	13.4	21.5	41.3	71.8	108.5	153.8	220.7	322.3	462.2
-47.5°	9.5	9.5	12.8	21.3	41.0	70.7	106.8	151.6	212.8	300.5	436.6
-50°	9.5	9.5	12.2	21.1	40.3	69.1	104.6	147.9	206.5	292.7	406.1
-52.5°	9.5	9.5	11.6	20.6	39.0	66.9	101.6	142.6	201.2	282.3	373.5
-55°	9.5	9.5	10.9	20.1	37.4	64.2	98.0	136.2	194.6	269.5	357.9
-57.5°	9.5	9.5	10.2	19.4	35.3	60.7	93.7	130.5	185.4	256.0	339.4
-60°	9.5	9.5	9.5	18.5	32.8	56.6	88.5	124.1	173.8	240.1	318.1
-62.5°	9.5	9.5	9.5	17.5	31.0	51.8	81.4	115.6	159.4	221.1	293.4
-65°	9.5	9.5	9.5	16.3	29.0	46.4	73.4	104.7	141.9	196.2	265.2
-67.5°	9.5	9.5	9.5	15.1	26.8	41.7	64.6	91.9	121.8	167.1	227.9
-70°	9.5	9.5	9.5	13.7	24.3	37.9	55.0	78.4	104.3	134.7	184.2
-72.5°	9.5	9.5	9.5	13.4	21.7	33.8	48.5	64.1	86.1	111.7	140.9
-75°	9.5	9.5	9.5	13.3	18.9	29.4	42.3	54.1	67.0	88.0	112.1
-77.5°	9.5	9.5	9.5	13.1	17.9	24.8	35.7	45.4	55.6	66.7	82.2
-80°	9.5	9.5	9.5	12.9	17.3	22.4	28.8	36.6	44.8	53.7	63.3
-82.5°	9.5	9.5	9.5	12.7	16.6	21.0	26.1	29.7	33.8	40.5	47.7
-85°	9.5	9.5	9.5	12.5	15.8	19.6	23.8	27.0	30.1	33.2	36.3
-87.5°	9.5	9.5	9.5	12.2	15.1	18.1	21.4	24.2	26.9	29.7	32.4
-90°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	7.1	4.7	2.4	0.0





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CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	30.8	33.2	35.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.8	2.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.3	5.1	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.4	2.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.0	0.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	2.7	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	5.4	5.8	3.9	1.6	0.0	0.5	1.4	1.0	0.0	0.5	1.2
67.5°	8.8	6.6	4.3	2.7	3.6	4.8	4.5	4.8	5.2	5.6	4.8
65°	9.3	7.0	7.1	8.3	9.3	10.3	11.1	11.7	9.9	8.6	8.8
62.5°	9.9	10.7	12.3	13.9	15.3	16.5	16.6	14.8	11.2	14.0	16.1
60°	14.1	15.5	17.5	19.4	21.3	22.3	21.3	21.5	23.9	27.7	53.2
57.5°	19.0	20.3	22.6	25.6	28.2	28.7	29.5	32.0	75.1	122.6	135.5
55°	23.9	25.0	29.0	33.7	36.4	36.2	52.0	109.6	165.4	229.1	252.6
52.5°	28.8	30.9	37.7	43.3	46.9	73.1	131.7	209.8	292.2	365.4	459.9
50°	33.7	40.6	47.6	55.9	89.1	157.4	243.1	349.8	473.9	590.9	710.7
47.5°	42.2	50.8	61.5	88.2	175.8	270.6	389.1	560.8	713.9	855.4	1019.6
45°	52.1	70.1	81.9	174.6	276.4	398.6	599.3	809.2	948.1	1137.5	1428.1
42.5°	62.4	97.0	156.6	263.7	387.8	584.9	833.8	1012.6	1197.5	1504.5	1810.0
40°	89.8	130.0	236.2	363.6	520.8	808.4	1063.7	1266.2	1518.7	1859.0	2178.0
37.5°	123.1	198.4	317.4	470.3	729.6	1044.7	1318.3	1607.6	1897.8	2218.7	2810.3
35°	160.0	262.0	420.4	626.6	938.6	1306.9	1633.0	1956.2	2290.7	2922.6	3509.6
32.5°	208.2	320.5	528.0	808.4	1164.4	1568.7	1947.3	2320.9	2857.4	3572.4	4161.5
30°	260.1	414.5	651.8	976.6	1377.0	1808.5	2263.6	2716.1	3426.0	4017.7	4657.2
27.5°	314.4	513.7	797.0	1152.3	1576.1	2034.7	2548.4	3193.8	3827.1	4411.6	5114.5
25°	370.0	617.1	929.8	1320.3	1771.9	2279.3	2870.1	3656.3	4151.6	4797.7	5530.8
22.5°	441.6	716.0	1061.3	1472.6	1953.4	2530.5	3284.1	4073.5	4656.4	5199.9	5916.0
20°	524.4	827.4	1204.3	1663.5	2131.3	2776.0	3695.7	4526.0	5211.7	5833.9	6491.7
17.5°	601.7	931.4	1357.3	1858.4	2390.0	3090.6	4099.6	5018.4	5773.0	6466.4	7287.7
15°	673.2	1027.8	1507.2	2042.8	2644.4	3451.0	4461.8	5470.9	6332.6	7112.7	8045.9
12.5°	738.6	1115.7	1651.5	2215.3	2883.9	3761.6	4765.9	5750.8	6697.9	7714.5	8773.6
10°	797.5	1194.8	1787.9	2374.7	3106.0	4024.4	5017.2	5984.3	6939.8	8015.6	9192.4
7.5°	860.7	1268.8	1911.7	2519.5	3308.0	4241.4	5217.9	6171.6	7135.3	8256.5	9464.5
5°	919.1	1336.8	2010.0	2623.3	3464.2	4410.8	5369.0	6313.8	7283.7	8435.9	9670.6
2.5°	970.4	1394.0	2090.1	2704.7	3580.0	4535.4	5467.1	6432.4	7393.7	8581.8	9828.0
0°	1014.0	1440.4	2151.2	2767.2	3667.5	4624.6	5524.9	6510.4	7458.1	8680.6	9931.5
-2.5°	1041.9	1516.5	2193.2	2876.2	3743.9	4683.0	5576.6	6532.2	7527.4	8711.9	10047.7
-5°	1061.5	1578.1	2218.5	2960.2	3793.9	4708.7	5593.6	6515.3	7545.9	8704.0	10064.8
-7.5°	1072.9	1621.5	2230.3	3007.9	3811.5	4693.3	5564.8	6483.3	7515.6	8674.2	9989.5
-10°	1079.4	1635.2	2246.4	2993.5	3788.4	4642.5	5500.7	6408.0	7429.7	8577.3	9846.6
-12.5°	1097.3	1626.5	2243.6	2961.7	3738.5	4565.8	5405.6	6288.8	7286.4	8412.0	9648.9
-15°	1101.7	1606.9	2216.7	2914.8	3662.4	4465.4	5281.2	6125.3	7109.8	8250.9	9430.4
-17.5°	1091.8	1577.5	2164.1	2854.9	3560.3	4343.7	5134.6	5978.1	6944.1	8065.1	9200.8
-20°	1066.4	1539.3	2084.8	2784.2	3439.3	4208.5	4987.9	5823.7	6753.6	7807.3	8943.9



REPORT NUMBER: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1024.9	1493.1	1999.0	2685.6	3334.7	4053.2	4815.8	5613.4	6514.9	7473.1	8598.6
-25°	982.0	1441.0	1931.5	2550.0	3208.9	3871.8	4618.2	5356.2	6234.5	7175.5	8174.3
-27.5°	941.3	1368.1	1861.2	2401.5	3060.9	3678.2	4394.7	5114.5	5919.2	6841.4	7761.0
-30°	888.1	1289.4	1775.4	2258.7	2883.8	3495.8	4145.4	4853.9	5577.4	6452.7	7357.4
-32.5°	841.1	1207.7	1677.7	2149.9	2693.5	3290.4	3876.7	4551.9	5258.1	6004.2	6898.2
-35°	809.8	1159.3	1574.2	2024.3	2499.2	3067.0	3624.7	4211.3	4895.3	5595.4	6380.4
-37.5°	784.3	1103.7	1465.2	1893.4	2345.5	2832.7	3354.8	3894.5	4491.3	5197.3	5935.3
-40°	744.2	1041.1	1384.5	1768.6	2167.4	2610.5	3095.1	3583.7	4101.1	4790.7	5518.9
-42.5°	692.9	980.5	1308.4	1632.8	1997.2	2401.6	2832.3	3292.5	3789.7	4388.7	5058.1
-45°	653.5	903.0	1223.8	1514.3	1816.0	2185.9	2590.4	3007.1	3476.1	3990.4	4591.6
-47.5°	603.4	818.7	1113.2	1384.7	1650.5	1966.2	2336.1	2730.6	3145.9	3609.4	4102.1
-50°	549.8	748.4	977.8	1242.2	1495.6	1758.2	2073.7	2438.5	2815.4	3219.3	3658.9
-52.5°	509.1	666.2	875.6	1095.6	1337.2	1575.4	1844.0	2156.8	2493.4	2830.9	3217.6
-55°	463.1	605.7	778.3	975.5	1181.2	1401.6	1646.2	1920.2	2194.6	2504.7	2813.3
-57.5°	430.7	547.5	697.0	868.4	1053.1	1240.5	1471.4	1702.9	1957.0	2213.6	2469.6
-60°	405.4	497.2	621.2	772.2	936.8	1111.9	1301.4	1515.3	1734.0	1943.5	2164.8
-62.5°	376.4	456.3	553.3	676.4	825.1	977.5	1144.3	1327.7	1525.5	1701.9	1873.4
-65°	339.0	408.3	491.6	591.8	708.6	837.4	979.6	1134.1	1305.1	1448.2	1588.4
-67.5°	296.0	354.4	424.2	506.0	603.5	704.0	808.3	939.0	1077.9	1194.6	1308.8
-70°	241.9	296.0	353.0	419.7	496.1	581.3	673.2	767.9	863.0	958.4	1062.8
-72.5°	185.1	234.3	282.8	330.4	391.2	461.0	535.9	615.4	698.4	779.9	859.3
-75°	141.1	173.0	215.4	258.3	300.6	346.0	396.7	459.9	537.0	616.1	688.6
-77.5°	106.5	133.3	161.5	191.0	217.8	251.3	287.8	327.2	390.8	463.8	537.5
-80°	76.9	92.9	115.4	139.1	157.9	176.3	195.6	215.5	262.8	321.6	384.4
-82.5°	57.1	68.0	80.5	94.3	103.7	112.9	123.2	136.4	171.5	211.2	253.1
-85°	39.3	42.5	49.3	57.0	62.2	67.6	73.1	78.7	97.6	118.8	141.6
-87.5°	33.9	35.5	37.3	39.3	40.0	40.6	41.2	41.8	48.2	54.9	61.8
-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: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	37.9	40.3	42.7	45.0	47.4	49.8	52.2	54.5	56.9	56.9	56.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4.3	4.8	4.9	3.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	10.0	9.6	7.1	4.6	2.3	3.6	5.8	6.8	6.9	6.2	4.8
62.5°	15.0	13.8	12.5	14.4	17.3	20.0	19.1	18.1	16.9	16.1	16.6
60°	56.1	37.4	43.2	54.3	50.7	34.7	57.1	64.6	55.1	37.7	36.4
57.5°	142.1	137.1	157.1	229.4	252.5	230.1	274.9	333.8	332.0	286.0	284.5
55°	302.6	406.0	530.9	551.1	637.9	812.1	947.6	888.2	887.8	932.5	1076.5
52.5°	574.8	672.4	708.8	805.7	987.3	1119.1	1203.8	1291.4	1387.5	1485.5	1584.9
50°	843.6	938.4	1046.0	1145.3	1396.6	1531.8	1509.2	1690.8	1923.2	2068.3	2142.9
47.5°	1237.4	1386.8	1614.1	1970.3	2157.9	2293.5	2462.1	2667.8	2934.0	3295.1	3573.2
45°	1701.1	1936.0	2287.7	2666.1	2957.2	3089.9	3282.9	3601.3	4025.8	4439.1	4740.9
42.5°	2080.1	2402.3	2799.1	3160.6	3398.1	3615.9	3865.8	4134.4	4620.5	5062.0	5410.9
40°	2574.7	2825.6	3270.8	3611.7	3824.2	4040.2	4436.1	4838.1	5295.3	5706.6	5992.4
37.5°	3201.5	3484.0	3947.0	4332.5	4537.2	4613.5	5286.8	5846.5	6218.0	6743.1	6914.8
35°	3875.0	4339.8	4929.8	5429.7	5630.4	6030.8	6724.5	7505.3	8351.3	8662.4	8927.7
32.5°	4626.3	5199.8	6000.4	6536.8	6823.1	7430.9	8308.9	9142.3	10248.5	10848.8	11028.2
30°	5313.6	5971.7	6659.9	7181.2	7670.7	8402.7	9203.4	10231.0	11253.8	12021.4	12259.8
27.5°	5818.0	6546.2	7207.8	7696.0	8248.4	9037.6	10035.9	11076.5	12080.5	12863.7	13142.0
25°	6299.5	7122.6	7646.4	8214.0	8862.7	9722.8	10829.1	11985.3	12974.2	13636.1	13977.4
22.5°	6847.2	7658.7	8221.1	8701.9	9550.0	10541.1	11567.9	12874.4	13922.2	14450.4	14820.3
20°	7412.4	8330.7	9199.2	9646.5	10380.3	11635.2	12784.8	14018.2	15029.9	15580.3	15970.0
17.5°	8201.1	9371.3	10436.6	11070.0	11855.8	13356.2	14790.6	16038.3	17445.8	17942.9	18419.2
15°	9032.7	10387.0	11635.1	12638.5	13653.5	15140.2	16986.5	18492.3	20098.2	20815.5	21626.3
12.5°	9861.7	11143.3	12274.0	13568.4	14999.0	16314.1	18071.9	19946.9	21404.2	22318.9	22864.8
10°	10481.3	11671.6	12759.7	14057.2	15485.1	16972.7	18719.5	20641.5	22167.1	22947.6	23393.1
7.5°	10815.9	11955.1	13102.7	14417.6	15839.1	17423.4	19223.2	21130.1	22690.0	23446.2	23886.1
5°	11064.3	12158.4	13346.8	14730.8	16168.2	17774.6	19571.9	21456.1	22878.4	23682.1	24238.4
2.5°	11214.6	12287.3	13502.3	14933.3	16374.1	18047.4	19931.4	21884.5	23129.0	23775.6	24287.2
0°	11258.2	12338.6	13589.5	15039.4	16517.7	18204.6	20071.5	22004.7	23265.1	23890.6	24411.8
-2.5°	11307.3	12419.6	13704.8	15108.1	16574.0	18256.0	20161.6	22045.4	23179.2	23810.3	24306.2
-5°	11273.1	12425.9	13707.2	15051.3	16526.8	18195.4	20024.8	21786.1	22972.2	23654.5	24147.5
-7.5°	11171.1	12340.3	13608.4	14900.1	16347.4	18035.1	19856.8	21552.8	22754.3	23473.8	24013.3
-10°	11022.6	12157.7	13434.6	14742.8	16172.8	17779.2	19572.9	21258.8	22408.7	23172.7	23801.5
-12.5°	10858.1	11969.7	13200.4	14455.3	15869.5	17456.1	19194.0	20790.0	21933.1	22766.4	23215.7
-15°	10614.3	11725.3	12901.8	14115.6	15494.1	17033.3	18693.4	20224.6	21347.1	22025.2	22521.7
-17.5°	10304.3	11394.3	12509.7	13661.0	14959.7	16475.5	18145.7	19655.8	20570.8	21176.4	21664.5
-20°	9972.2	10980.1	12036.9	13123.2	14382.0	15883.6	17523.9	18841.1	19703.5	20285.4	20746.2



REPORT NUMBER: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9592.8	10563.5	11530.8	12569.3	13803.6	15180.3	16629.1	17902.0	18829.3	19359.3	19785.1
-25°	9159.8	10104.0	11022.6	12025.6	13160.0	14397.4	15744.6	16995.5	17826.0	18388.9	18811.2
-27.5°	8693.4	9580.5	10477.8	11378.6	12398.4	13631.4	14878.9	16041.0	16749.9	17317.4	17742.1
-30°	8227.9	9025.9	9856.1	10708.8	11665.9	12777.6	13944.6	14921.7	15669.4	16220.7	16615.1
-32.5°	7723.4	8480.6	9216.2	10013.1	10914.4	11894.1	12918.2	13847.7	14646.6	15151.6	15483.9
-35°	7206.7	7939.8	8613.0	9336.3	10131.2	10976.8	11922.1	12838.8	13627.7	14027.2	14351.2
-37.5°	6668.6	7399.5	8037.7	8642.0	9326.8	10109.8	11030.6	11905.3	12586.8	12930.3	13222.2
-40°	6200.6	6844.1	7418.6	7996.8	8553.5	9248.8	10108.1	10955.0	11501.8	11836.5	12107.8
-42.5°	5746.3	6289.1	6759.6	7277.9	7835.1	8520.6	9213.9	9923.9	10363.5	10735.0	11020.7
-45°	5217.2	5702.4	6143.5	6574.7	7082.8	7708.6	8338.5	8907.2	9318.9	9678.0	9956.2
-47.5°	4632.0	5100.5	5528.8	5914.3	6386.6	6908.5	7438.8	7912.1	8318.7	8673.5	8921.7
-50°	4086.6	4505.1	4923.4	5313.5	5722.8	6145.0	6575.2	6990.6	7376.5	7721.2	7932.5
-52.5°	3598.0	3984.2	4349.7	4690.8	5049.0	5405.7	5762.0	6142.4	6497.5	6823.8	6992.5
-55°	3156.0	3504.2	3834.1	4121.4	4408.7	4691.7	4997.1	5348.3	5675.3	5977.5	6098.6
-57.5°	2759.2	3057.2	3349.1	3592.1	3826.7	4051.8	4319.8	4616.3	4902.5	5161.6	5260.6
-60°	2394.3	2630.7	2874.8	3090.4	3294.8	3487.8	3721.6	3960.4	4192.5	4387.7	4472.1
-62.5°	2058.5	2260.8	2445.7	2620.9	2794.0	2967.8	3156.5	3345.9	3533.4	3683.8	3760.0
-65°	1734.8	1895.8	2044.5	2188.5	2328.3	2474.3	2622.0	2765.9	2904.7	3012.2	3078.2
-67.5°	1430.9	1553.3	1671.2	1783.5	1900.5	2018.8	2134.4	2244.6	2348.8	2431.9	2495.1
-70°	1161.6	1256.3	1348.6	1441.6	1539.2	1631.2	1718.2	1800.7	1878.3	1938.2	1986.8
-72.5°	936.3	1013.2	1092.9	1176.6	1255.5	1324.3	1386.8	1447.1	1504.8	1538.7	1564.0
-75°	754.9	819.6	888.9	956.6	1022.5	1074.8	1120.7	1165.2	1208.0	1210.2	1201.7
-77.5°	609.8	667.6	721.3	774.5	827.1	859.3	887.4	916.4	945.6	928.7	901.9
-80°	447.5	495.7	541.3	587.1	632.9	651.9	665.2	676.8	686.5	664.4	637.0
-82.5°	297.0	327.4	357.0	387.2	417.7	429.9	439.0	446.5	452.5	432.5	409.4
-85°	165.7	180.3	194.7	209.1	223.6	232.1	239.9	247.1	253.6	241.7	228.2
-87.5°	68.9	72.2	75.4	78.6	81.7	84.8	87.7	90.7	93.5	93.9	94.2
-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: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	54.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.8	0.5	0.0	0.0	0.0	0.5	2.8	4.8	6.2	6.9	6.8
62.5°	17.4	18.2	18.8	19.0	18.8	18.2	17.4	16.6	16.1	16.9	18.1
60°	33.5	29.3	28.3	28.4	28.3	29.3	33.5	36.4	37.7	55.1	64.6
57.5°	262.7	224.9	230.6	255.9	230.6	224.9	262.7	284.5	286.0	332.0	333.8
55°	1227.7	1370.5	1420.9	1393.1	1420.9	1370.5	1227.7	1076.5	932.5	887.8	888.2
52.5°	1663.4	1721.9	1744.5	1743.7	1744.5	1721.9	1663.4	1584.9	1485.5	1387.5	1291.4
50°	2165.4	2145.6	2115.1	2084.9	2115.1	2145.6	2165.4	2142.9	2068.3	1923.2	1690.8
47.5°	3613.9	3551.3	3524.9	3572.7	3524.9	3551.3	3613.9	3573.2	3295.1	2934.0	2667.8
45°	4802.4	4875.8	4930.6	4927.8	4930.6	4875.8	4802.4	4740.9	4439.1	4025.8	3601.3
42.5°	5479.2	5518.3	5529.6	5515.4	5529.6	5518.3	5479.2	5410.9	5062.0	4620.5	4134.4
40°	6082.3	6128.9	6155.1	6178.8	6155.1	6128.9	6082.3	5992.4	5706.6	5295.3	4838.1
37.5°	6971.4	6988.5	6951.3	6927.4	6951.3	6988.5	6971.4	6914.8	6743.1	6218.0	5846.5
35°	9151.3	9196.0	9092.6	9201.8	9092.6	9196.0	9151.3	8927.7	8662.4	8351.3	7505.3
32.5°	11241.9	11451.2	11620.4	11760.5	11620.4	11451.2	11241.9	11028.2	10848.8	10248.5	9142.3
30°	12426.3	12561.2	12633.7	12651.3	12633.7	12561.2	12426.3	12259.8	12021.4	11253.8	10231.0
27.5°	13295.8	13437.2	13525.3	13589.5	13525.3	13437.2	13295.8	13142.0	12863.7	12080.5	11076.5
25°	14133.8	14263.2	14351.2	14385.5	14351.2	14263.2	14133.8	13977.4	13636.1	12974.2	11985.3
22.5°	15003.4	15093.3	15177.9	15219.5	15177.9	15093.3	15003.4	14820.3	14450.4	13922.2	12874.4
20°	16250.0	16201.1	16278.3	16252.4	16278.3	16201.1	16250.0	15970.0	15580.3	15029.9	14018.2
17.5°	18790.5	18816.9	18868.4	18953.2	18868.4	18816.9	18790.5	18419.2	17942.9	17445.8	16038.3
15°	21985.5	22049.9	22376.6	22668.1	22376.6	22049.9	21985.5	21626.3	20815.5	20098.2	18492.3
12.5°	23371.4	23593.8	23628.4	23710.5	23628.4	23593.8	23371.4	22864.8	22318.9	21404.2	19946.9
10°	23833.9	24219.1	24210.9	24307.5	24210.9	24219.1	23833.9	23393.1	22947.6	22167.1	20641.5
7.5°	24184.6	24598.5	24773.3	24847.7	24773.3	24598.5	24184.6	23886.1	23446.2	22690.0	21130.1
5°	24613.2	24840.7	25142.5	25056.2	25142.5	24840.7	24613.2	24238.4	23682.1	22878.4	21456.1
2.5°	24792.8	25149.2	25066.9	25150.9	25066.9	25149.2	24792.8	24287.2	23775.6	23129.0	21884.5
0°	24914.0	25169.9	25207.8	25293.1	25207.8	25169.9	24914.0	24411.8	23890.6	23265.1	22004.7
-2.5°	24767.1	24992.3	25386.6	25264.7	25386.6	24992.3	24767.1	24306.2	23810.3	23179.2	22045.4
-5°	24638.2	25192.4	24977.2	25245.7	24977.2	25192.4	24638.2	24147.5	23654.5	22972.2	21786.1
-7.5°	24571.7	24670.8	24813.7	25018.3	24813.7	24670.8	24571.7	24013.3	23473.8	22754.3	21552.8
-10°	24057.4	24158.7	24421.1	24563.4	24421.1	24158.7	24057.4	23801.5	23172.7	22408.7	21258.8
-12.5°	23499.5	23695.7	23971.4	24061.1	23971.4	23695.7	23499.5	23215.7	22766.4	21933.1	20790.0
-15°	22856.9	23148.4	23417.1	23473.6	23417.1	23148.4	22856.9	22521.7	22025.2	21347.1	20224.6
-17.5°	22039.7	22389.3	22671.7	22734.4	22671.7	22389.3	22039.7	21664.5	21176.4	20570.8	19655.8
-20°	21139.4	21474.2	21714.4	21786.7	21714.4	21474.2	21139.4	20746.2	20285.4	19703.5	18841.1



REPORT NUMBER: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20175.5	20476.9	20679.9	20649.6	20679.9	20476.9	20175.5	19785.1	19359.3	18829.3	17902.0
-25°	19152.0	19431.8	19625.2	19597.6	19625.2	19431.8	19152.0	18811.2	18388.9	17826.0	16995.5
-27.5°	18070.0	18335.0	18520.9	18526.8	18520.9	18335.0	18070.0	17742.1	17317.4	16749.9	16041.0
-30°	16933.0	17173.7	17324.6	17266.4	17324.6	17173.7	16933.0	16615.1	16220.7	15669.4	14921.7
-32.5°	15760.3	15978.1	16116.4	16157.6	16116.4	15978.1	15760.3	15483.9	15151.6	14646.6	13847.7
-35°	14603.7	14795.6	14915.1	14944.6	14915.1	14795.6	14603.7	14351.2	14027.2	13627.7	12838.8
-37.5°	13454.5	13619.7	13703.1	13665.3	13703.1	13619.7	13454.5	13222.2	12930.3	12586.8	11905.3
-40°	12318.8	12476.1	12571.7	12594.4	12571.7	12476.1	12318.8	12107.8	11836.5	11501.8	10955.0
-42.5°	11202.2	11333.0	11416.9	11457.2	11416.9	11333.0	11202.2	11020.7	10735.0	10363.5	9923.9
-45°	10118.6	10235.5	10314.2	10357.9	10314.2	10235.5	10118.6	9956.2	9678.0	9318.9	8907.2
-47.5°	9064.3	9166.8	9234.7	9268.1	9234.7	9166.8	9064.3	8921.7	8673.5	8318.7	7912.1
-50°	8056.1	8144.9	8208.2	8244.7	8208.2	8144.9	8056.1	7932.5	7721.2	7376.5	6990.6
-52.5°	7099.9	7177.5	7231.5	7259.1	7231.5	7177.5	7099.9	6992.5	6823.8	6497.5	6142.4
-55°	6187.0	6249.9	6299.8	6330.4	6299.8	6249.9	6187.0	6098.6	5977.5	5675.3	5348.3
-57.5°	5335.6	5387.0	5434.3	5468.0	5434.3	5387.0	5335.6	5260.6	5161.6	4902.5	4616.3
-60°	4538.7	4587.2	4627.4	4653.0	4627.4	4587.2	4538.7	4472.1	4387.7	4192.5	3960.4
-62.5°	3819.5	3862.4	3899.3	3923.3	3899.3	3862.4	3819.5	3760.0	3683.8	3533.4	3345.9
-65°	3130.1	3168.5	3196.1	3212.6	3196.1	3168.5	3130.1	3078.2	3012.2	2904.7	2765.9
-67.5°	2548.9	2593.2	2602.1	2596.6	2602.1	2593.2	2548.9	2495.1	2431.9	2348.8	2244.6
-70°	2030.2	2067.8	2076.6	2075.4	2076.6	2067.8	2030.2	1986.8	1938.2	1878.3	1800.7
-72.5°	1587.5	1607.9	1590.5	1563.6	1590.5	1607.9	1587.5	1564.0	1538.7	1504.8	1447.1
-75°	1191.2	1178.2	1159.7	1137.2	1159.7	1178.2	1191.2	1201.7	1210.2	1208.0	1165.2
-77.5°	872.4	840.1	819.0	796.0	819.0	840.1	872.4	901.9	928.7	945.6	916.4
-80°	607.5	575.8	554.0	530.7	554.0	575.8	607.5	637.0	664.4	686.5	676.8
-82.5°	384.8	358.7	345.6	331.7	345.6	358.7	384.8	409.4	432.5	452.5	446.5
-85°	213.7	198.3	189.4	180.1	189.4	198.3	213.7	228.2	241.7	253.6	247.1
-87.5°	94.5	94.7	90.0	85.3	90.0	94.7	94.5	94.2	93.9	93.5	90.7
-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):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	52.2	49.8	47.4	45.0	42.7	40.3	37.9	35.5	33.2	30.8	28.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.2	0.0	0.0	0.8	1.2	0.5	0.0	1.0
67.5°	0.0	0.0	1.7	3.9	4.9	4.8	4.3	4.8	5.6	5.2	4.8
65°	5.8	3.6	2.3	4.6	7.1	9.6	10.0	8.8	8.6	9.9	11.7
62.5°	19.1	20.0	17.3	14.4	12.5	13.8	15.0	16.1	14.0	11.2	14.8
60°	57.1	34.7	50.7	54.3	43.2	37.4	56.1	53.2	27.7	23.9	21.5
57.5°	274.9	230.1	252.5	229.4	157.1	137.1	142.1	135.5	122.6	75.1	32.0
55°	947.6	812.1	637.9	551.1	530.9	406.0	302.6	252.6	229.1	165.4	109.6
52.5°	1203.8	1119.1	987.3	805.7	708.8	672.4	574.8	459.9	365.4	292.2	209.8
50°	1509.2	1531.8	1396.6	1145.3	1046.0	938.4	843.6	710.7	590.9	473.9	349.8
47.5°	2462.1	2293.5	2157.9	1970.3	1614.1	1386.8	1237.4	1019.6	855.4	713.9	560.8
45°	3282.9	3089.9	2957.2	2666.1	2287.7	1936.0	1701.1	1428.1	1137.5	948.1	809.2
42.5°	3865.8	3615.9	3398.1	3160.6	2799.1	2402.3	2080.1	1810.0	1504.5	1197.5	1012.6
40°	4436.1	4040.2	3824.2	3611.7	3270.8	2825.6	2574.7	2178.0	1859.0	1518.7	1266.2
37.5°	5286.8	4613.5	4537.2	4332.5	3947.0	3484.0	3201.5	2810.3	2218.7	1897.8	1607.6
35°	6724.5	6030.8	5630.4	5429.7	4929.8	4339.8	3875.0	3509.6	2922.6	2290.7	1956.2
32.5°	8308.9	7430.9	6823.1	6536.8	6000.4	5199.8	4626.3	4161.5	3572.4	2857.4	2320.9
30°	9203.4	8402.7	7670.7	7181.2	6659.9	5971.7	5313.6	4657.2	4017.7	3426.0	2716.1
27.5°	10035.9	9037.6	8248.4	7696.0	7207.8	6546.2	5818.0	5114.5	4411.6	3827.1	3193.8
25°	10829.1	9722.8	8862.7	8214.0	7646.4	7122.6	6299.5	5530.8	4797.7	4151.6	3656.3
22.5°	11567.9	10541.1	9550.0	8701.9	8221.1	7658.7	6847.2	5916.0	5199.9	4656.4	4073.5
20°	12784.8	11635.2	10380.3	9646.5	9199.2	8330.7	7412.4	6491.7	5833.9	5211.7	4526.0
17.5°	14790.6	13356.2	11855.8	11070.0	10436.6	9371.3	8201.1	7287.7	6466.4	5773.0	5018.4
15°	16986.5	15140.2	13653.5	12638.5	11635.1	10387.0	9032.7	8045.9	7112.7	6332.6	5470.9
12.5°	18071.9	16314.1	14999.0	13568.4	12274.0	11143.3	9861.7	8773.6	7714.5	6697.9	5750.8
10°	18719.5	16972.7	15485.1	14057.2	12759.7	11671.6	10481.3	9192.4	8015.6	6939.8	5984.3
7.5°	19223.2	17423.4	15839.1	14417.6	13102.7	11955.1	10815.9	9464.5	8256.5	7135.3	6171.6
5°	19571.9	17774.6	16168.2	14730.8	13346.8	12158.4	11064.3	9670.6	8435.9	7283.7	6313.8
2.5°	19931.4	18047.4	16374.1	14933.3	13502.3	12287.3	11214.6	9828.0	8581.8	7393.7	6432.4
0°	20071.5	18204.6	16517.7	15039.4	13589.5	12338.6	11258.2	9931.5	8680.6	7458.1	6510.4
-2.5°	20161.6	18256.0	16574.0	15108.1	13704.8	12419.6	11307.3	10047.7	8711.9	7527.4	6532.2
-5°	20024.8	18195.4	16526.8	15051.3	13707.2	12425.9	11273.1	10064.8	8704.0	7545.9	6515.3
-7.5°	19856.8	18035.1	16347.4	14900.1	13608.4	12340.3	11171.1	9989.5	8674.2	7515.6	6483.3
-10°	19572.9	17779.2	16172.8	14742.8	13434.6	12157.7	11022.6	9846.6	8577.3	7429.7	6408.0
-12.5°	19194.0	17456.1	15869.5	14455.3	13200.4	11969.7	10858.1	9648.9	8412.0	7286.4	6288.8
-15°	18693.4	17033.3	15494.1	14115.6	12901.8	11725.3	10614.3	9430.4	8250.9	7109.8	6125.3
-17.5°	18145.7	16475.5	14959.7	13661.0	12509.7	11394.3	10304.3	9200.8	8065.1	6944.1	5978.1
-20°	17523.9	15883.6	14382.0	13123.2	12036.9	10980.1	9972.2	8943.9	7807.3	6753.6	5823.7



REPORT NUMBER: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16629.1	15180.3	13803.6	12569.3	11530.8	10563.5	9592.8	8598.6	7473.1	6514.9	5613.4
-25°	15744.6	14397.4	13160.0	12025.6	11022.6	10104.0	9159.8	8174.3	7175.5	6234.5	5356.2
-27.5°	14878.9	13631.4	12398.4	11378.6	10477.8	9580.5	8693.4	7761.0	6841.4	5919.2	5114.5
-30°	13944.6	12777.6	11665.9	10708.8	9856.1	9025.9	8227.9	7357.4	6452.7	5577.4	4853.9
-32.5°	12918.2	11894.1	10914.4	10013.1	9216.2	8480.6	7723.4	6898.2	6004.2	5258.1	4551.9
-35°	11922.1	10976.8	10131.2	9336.3	8613.0	7939.8	7206.7	6380.4	5595.4	4895.3	4211.3
-37.5°	11030.6	10109.8	9326.8	8642.0	8037.7	7399.5	6668.6	5935.3	5197.3	4491.3	3894.5
-40°	10108.1	9248.8	8553.5	7996.8	7418.6	6844.1	6200.6	5518.9	4790.7	4101.1	3583.7
-42.5°	9213.9	8520.6	7835.1	7277.9	6759.6	6289.1	5746.3	5058.1	4388.7	3789.7	3292.5
-45°	8338.5	7708.6	7082.8	6574.7	6143.5	5702.4	5217.2	4591.6	3990.4	3476.1	3007.1
-47.5°	7438.8	6908.5	6386.6	5914.3	5528.8	5100.5	4632.0	4102.1	3609.4	3145.9	2730.6
-50°	6575.2	6145.0	5722.8	5313.5	4923.4	4505.1	4086.6	3658.9	3219.3	2815.4	2438.5
-52.5°	5762.0	5405.7	5049.0	4690.8	4349.7	3984.2	3598.0	3217.6	2830.9	2493.4	2156.8
-55°	4997.1	4691.7	4408.7	4121.4	3834.1	3504.2	3156.0	2813.3	2504.7	2194.6	1920.2
-57.5°	4319.8	4051.8	3826.7	3592.1	3349.1	3057.2	2759.2	2469.6	2213.6	1957.0	1702.9
-60°	3721.6	3487.8	3294.8	3090.4	2874.8	2630.7	2394.3	2164.8	1943.5	1734.0	1515.3
-62.5°	3156.5	2967.8	2794.0	2620.9	2445.7	2260.8	2058.5	1873.4	1701.9	1525.5	1327.7
-65°	2622.0	2474.3	2328.3	2188.5	2044.5	1895.8	1734.8	1588.4	1448.2	1305.1	1134.1
-67.5°	2134.4	2018.8	1900.5	1783.5	1671.2	1553.3	1430.9	1308.8	1194.6	1077.9	939.0
-70°	1718.2	1631.2	1539.2	1441.6	1348.6	1256.3	1161.6	1062.8	958.4	863.0	767.9
-72.5°	1386.8	1324.3	1255.5	1176.6	1092.9	1013.2	936.3	859.3	779.9	698.4	615.4
-75°	1120.7	1074.8	1022.5	956.6	888.9	819.6	754.9	688.6	616.1	537.0	459.9
-77.5°	887.4	859.3	827.1	774.5	721.3	667.6	609.8	537.5	463.8	390.8	327.2
-80°	665.2	651.9	632.9	587.1	541.3	495.7	447.5	384.4	321.6	262.8	215.5
-82.5°	439.0	429.9	417.7	387.2	357.0	327.4	297.0	253.1	211.2	171.5	136.4
-85°	239.9	232.1	223.6	209.1	194.7	180.3	165.7	141.6	118.8	97.6	78.7
-87.5°	87.7	84.8	81.7	78.6	75.4	72.2	68.9	61.8	54.9	48.2	41.8
-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: P627940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	26.1	23.7	21.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	5.0
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	1.5	2.9
82.5°	0.0	0.0	0.0	0.2	1.6	2.5	2.8	2.5	1.4	0.2	0.7
80°	0.0	0.0	0.0	0.3	2.4	5.1	6.3	6.5	5.0	3.4	1.9
77.5°	0.0	0.0	0.0	0.1	1.0	2.7	5.4	8.6	8.6	6.6	4.7
75°	0.0	0.0	0.0	0.4	0.6	0.1	2.0	5.0	7.7	9.4	7.5
72.5°	0.0	0.0	0.0	1.2	2.5	2.7	1.6	1.7	5.5	8.1	9.4
70°	1.4	0.5	0.0	1.6	3.9	5.8	5.4	4.4	3.6	7.0	9.0
67.5°	4.5	4.8	3.6	2.7	4.3	6.6	8.8	8.5	7.4	6.2	8.7
65°	11.1	10.3	9.3	8.3	7.1	7.0	9.3	11.7	11.1	9.5	8.7
62.5°	16.6	16.5	15.3	13.9	12.3	10.7	9.9	13.1	14.4	12.8	10.7
60°	21.3	22.3	21.3	19.4	17.5	15.5	14.1	14.8	16.5	16.0	13.6
57.5°	29.5	28.7	28.2	25.6	22.6	20.3	19.0	18.5	19.0	18.8	16.4
55°	52.0	36.2	36.4	33.7	29.0	25.0	23.9	23.0	22.0	21.6	19.2
52.5°	131.7	73.1	46.9	43.3	37.7	30.9	28.8	27.5	26.1	24.7	22.0
50°	243.1	157.4	89.1	55.9	47.6	40.6	33.7	32.0	30.1	28.1	24.6
47.5°	389.1	270.6	175.8	88.2	61.5	50.8	42.2	36.4	34.1	31.6	27.3
45°	599.3	398.6	276.4	174.6	81.9	70.1	52.1	40.8	38.1	34.9	29.9
42.5°	833.8	584.9	387.8	263.7	156.6	97.0	62.4	49.5	42.0	38.5	32.8
40°	1063.7	808.4	520.8	363.6	236.2	130.0	89.8	59.1	45.9	42.2	36.0
37.5°	1318.3	1044.7	729.6	470.3	317.4	198.4	123.1	68.9	52.2	46.2	39.3
35°	1633.0	1306.9	938.6	626.6	420.4	262.0	160.0	87.6	64.1	50.4	42.8
32.5°	1947.3	1568.7	1164.4	808.4	528.0	320.5	208.2	125.0	78.1	54.7	46.3
30°	2263.6	1808.5	1377.0	976.6	651.8	414.5	260.1	161.4	94.1	59.2	50.0
27.5°	2548.4	2034.7	1576.1	1152.3	797.0	513.7	314.4	196.7	111.8	67.1	53.6
25°	2870.1	2279.3	1771.9	1320.3	929.8	617.1	370.0	231.2	137.8	80.8	57.3
22.5°	3284.1	2530.5	1953.4	1472.6	1061.3	716.0	441.6	276.8	166.3	95.2	61.1
20°	3695.7	2776.0	2131.3	1663.5	1204.3	827.4	524.4	322.2	193.3	110.2	64.8
17.5°	4099.6	3090.6	2390.0	1858.4	1357.3	931.4	601.7	366.7	218.9	125.5	68.4
15°	4461.8	3451.0	2644.4	2042.8	1507.2	1027.8	673.2	410.0	242.7	140.8	73.2
12.5°	4765.9	3761.6	2883.9	2215.3	1651.5	1115.7	738.6	451.5	264.9	157.9	79.8
10°	5017.2	4024.4	3106.0	2374.7	1787.9	1194.8	797.5	493.0	290.7	175.9	86.7
7.5°	5217.9	4241.4	3308.0	2519.5	1911.7	1268.8	860.7	536.8	315.7	193.1	93.7
5°	5369.0	4410.8	3464.2	2623.3	2010.0	1336.8	919.1	577.0	339.0	209.2	100.7
2.5°	5467.1	4535.4	3580.0	2704.7	2090.1	1394.0	970.4	613.1	360.2	223.9	107.4
0°	5524.9	4624.6	3667.5	2767.2	2151.2	1440.4	1014.0	644.4	379.1	236.9	113.7
-2.5°	5576.6	4683.0	3743.9	2876.2	2193.2	1516.5	1041.9	672.7	409.0	246.3	125.3
-5°	5593.6	4708.7	3793.9	2960.2	2218.5	1578.1	1061.5	695.7	435.2	253.9	135.9
-7.5°	5564.8	4693.3	3811.5	3007.9	2230.3	1621.5	1072.9	713.8	456.6	259.8	145.1
-10°	5500.7	4642.5	3788.4	2993.5	2246.4	1635.2	1079.4	727.1	472.1	264.2	152.8
-12.5°	5405.6	4565.8	3738.5	2961.7	2243.6	1626.5	1097.3	737.4	480.2	267.2	158.5
-15°	5281.2	4465.4	3662.4	2914.8	2216.7	1606.9	1101.7	741.2	479.4	272.7	161.9
-17.5°	5134.6	4343.7	3560.3	2854.9	2164.1	1577.5	1091.8	736.6	474.5	280.9	165.4
-20°	4987.9	4208.5	3439.3	2784.2	2084.8	1539.3	1066.4	723.1	465.8	286.2	168.8



REPORT NUMBER: P627940 (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°
-22.5°	4815.8	4053.2	3334.7	2685.6	1999.0	1493.1	1024.9	700.1	453.4	288.5	170.3
-25°	4618.2	3871.8	3208.9	2550.0	1931.5	1441.0	982.0	667.3	437.3	287.7	169.8
-27.5°	4394.7	3678.2	3060.9	2401.5	1861.2	1368.1	941.3	643.4	423.6	283.7	167.2
-30°	4145.4	3495.8	2883.8	2258.7	1775.4	1289.4	888.1	616.4	417.4	278.4	162.6
-32.5°	3876.7	3290.4	2693.5	2149.9	1677.7	1207.7	841.1	586.0	407.0	271.6	162.8
-35°	3624.7	3067.0	2499.2	2024.3	1574.2	1159.3	809.8	552.3	392.3	262.2	163.7
-37.5°	3354.8	2832.7	2345.5	1893.4	1465.2	1103.7	784.3	537.2	373.3	250.1	163.1
-40°	3095.1	2610.5	2167.4	1768.6	1384.5	1041.1	744.2	520.3	355.1	235.3	160.9
-42.5°	2832.3	2401.6	1997.2	1632.8	1308.4	980.5	692.9	494.5	340.4	226.9	157.2
-45°	2590.4	2185.9	1816.0	1514.3	1223.8	903.0	653.5	462.2	322.3	220.7	153.8
-47.5°	2336.1	1966.2	1650.5	1384.7	1113.2	818.7	603.4	436.6	300.5	212.8	151.6
-50°	2073.7	1758.2	1495.6	1242.2	977.8	748.4	549.8	406.1	292.7	206.5	147.9
-52.5°	1844.0	1575.4	1337.2	1095.6	875.6	666.2	509.1	373.5	282.3	201.2	142.6
-55°	1646.2	1401.6	1181.2	975.5	778.3	605.7	463.1	357.9	269.5	194.6	136.2
-57.5°	1471.4	1240.5	1053.1	868.4	697.0	547.5	430.7	339.4	256.0	185.4	130.5
-60°	1301.4	1111.9	936.8	772.2	621.2	497.2	405.4	318.1	240.1	173.8	124.1
-62.5°	1144.3	977.5	825.1	676.4	553.3	456.3	376.4	293.4	221.1	159.4	115.6
-65°	979.6	837.4	708.6	591.8	491.6	408.3	339.0	265.2	196.2	141.9	104.7
-67.5°	808.3	704.0	603.5	506.0	424.2	354.4	296.0	227.9	167.1	121.8	91.9
-70°	673.2	581.3	496.1	419.7	353.0	296.0	241.9	184.2	134.7	104.3	78.4
-72.5°	535.9	461.0	391.2	330.4	282.8	234.3	185.1	140.9	111.7	86.1	64.1
-75°	396.7	346.0	300.6	258.3	215.4	173.0	141.1	112.1	88.0	67.0	54.1
-77.5°	287.8	251.3	217.8	191.0	161.5	133.3	106.5	82.2	66.7	55.6	45.4
-80°	195.6	176.3	157.9	139.1	115.4	92.9	76.9	63.3	53.7	44.8	36.6
-82.5°	123.2	112.9	103.7	94.3	80.5	68.0	57.1	47.7	40.5	33.8	29.7
-85°	73.1	67.6	62.2	57.0	49.3	42.5	39.3	36.3	33.2	30.1	27.0
-87.5°	41.2	40.6	40.0	39.3	37.3	35.5	33.9	32.4	29.7	26.9	24.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.7	7.1

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	19.0	16.6	14.3	11.9	9.5	9.5	9.5
87.5°	7.0	8.0	8.7	9.2	9.5	9.5	9.5
85°	4.6	6.4	7.9	8.9	9.5	9.5	9.5
82.5°	2.2	4.9	7.1	8.6	9.5	9.5	9.5
80°	0.5	3.5	6.3	8.3	9.5	9.5	9.5
77.5°	2.9	3.2	5.6	8.1	9.5	9.5	9.5
75°	5.3	4.7	5.2	7.8	9.5	9.5	9.5
72.5°	7.6	6.2	6.0	7.7	9.5	9.5	9.5
70°	9.5	7.6	6.8	7.6	9.5	9.5	9.5
67.5°	9.8	8.9	7.6	7.9	9.5	9.5	9.5
65°	10.2	9.8	8.3	8.2	9.5	9.5	9.5
62.5°	10.7	10.6	8.9	8.5	9.5	9.5	9.5
60°	11.3	11.4	9.5	8.8	9.5	9.5	9.5
57.5°	13.5	12.3	10.4	9.0	9.6	9.5	9.5
55°	15.9	13.3	11.3	9.2	9.8	9.5	9.5
52.5°	18.3	14.5	12.4	9.3	9.9	9.5	9.5
50°	20.6	16.5	13.4	9.4	10.1	9.5	9.5
47.5°	22.9	18.4	14.5	9.7	10.4	9.5	9.5
45°	25.1	20.2	15.7	10.6	10.6	9.5	9.5
42.5°	27.2	22.0	16.8	11.5	11.0	9.5	9.5
40°	29.3	23.8	18.2	12.6	11.3	9.5	9.5
37.5°	31.4	25.5	19.5	13.9	11.7	9.5	9.5
35°	33.4	27.1	20.8	15.1	12.1	9.5	9.5
32.5°	35.6	28.7	22.1	16.3	12.5	9.5	9.5
30°	38.4	30.2	23.3	17.5	13.0	9.5	9.5
27.5°	41.2	31.7	24.8	18.6	13.4	9.5	9.5
25°	44.0	33.1	26.2	19.7	13.9	9.5	9.5
22.5°	46.8	34.5	27.7	20.8	14.5	9.5	9.5
20°	49.5	36.3	29.0	21.8	15.0	9.5	9.5
17.5°	52.3	37.9	30.4	22.8	15.5	9.5	9.5
15°	54.9	39.5	31.6	23.8	16.1	9.5	9.5
12.5°	57.3	41.0	32.8	24.7	16.6	9.5	9.5
10°	59.5	42.5	34.0	25.5	17.1	9.5	9.5
7.5°	61.5	43.8	35.1	26.3	17.6	9.5	9.5
5°	63.3	45.1	36.1	27.1	18.1	9.5	9.5
2.5°	64.9	46.3	37.0	27.8	18.6	9.5	9.5
0°	66.3	47.4	37.9	28.4	19.0	9.5	9.5
-2.5°	70.0	48.4	38.7	28.4	19.0	9.5	9.5
-5°	73.4	49.3	39.4	28.3	18.9	9.5	9.5
-7.5°	76.3	50.1	40.0	28.2	18.8	9.5	9.5
-10°	78.8	50.9	40.4	28.0	18.7	9.5	9.5
-12.5°	80.6	51.5	40.7	27.7	18.5	9.5	9.5
-15°	81.8	52.0	40.9	27.4	18.4	9.5	9.5
-17.5°	82.2	52.4	40.8	27.1	18.1	9.5	9.5
-20°	84.3	52.7	40.5	26.7	17.9	9.5	9.5

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.8	52.9	40.1	26.2	17.6	9.5	9.5
-25°	94.2	56.4	39.3	25.7	17.2	9.5	9.5
-27.5°	97.6	60.8	38.4	25.2	16.8	9.5	9.5
-30°	100.0	64.6	37.5	24.6	16.4	9.5	9.5
-32.5°	101.3	67.8	38.8	24.0	16.0	9.5	9.5
-35°	104.0	70.2	39.8	23.3	15.6	9.5	9.5
-37.5°	106.8	71.8	40.5	22.5	15.1	9.5	9.5
-40°	108.4	72.3	40.8	21.8	14.5	9.5	9.5
-42.5°	109.0	72.3	41.1	21.3	14.0	9.5	9.5
-45°	108.5	71.8	41.3	21.5	13.4	9.5	9.5
-47.5°	106.8	70.7	41.0	21.3	12.8	9.5	9.5
-50°	104.6	69.1	40.3	21.1	12.2	9.5	9.5
-52.5°	101.6	66.9	39.0	20.6	11.6	9.5	9.5
-55°	98.0	64.2	37.4	20.1	10.9	9.5	9.5
-57.5°	93.7	60.7	35.3	19.4	10.2	9.5	9.5
-60°	88.5	56.6	32.8	18.5	9.5	9.5	9.5
-62.5°	81.4	51.8	31.0	17.5	9.5	9.5	9.5
-65°	73.4	46.4	29.0	16.3	9.5	9.5	9.5
-67.5°	64.6	41.7	26.8	15.1	9.5	9.5	9.5
-70°	55.0	37.9	24.3	13.7	9.5	9.5	9.5
-72.5°	48.5	33.8	21.7	13.4	9.5	9.5	9.5
-75°	42.3	29.4	18.9	13.3	9.5	9.5	9.5
-77.5°	35.7	24.8	17.9	13.1	9.5	9.5	9.5
-80°	28.8	22.4	17.3	12.9	9.5	9.5	9.5
-82.5°	26.1	21.0	16.6	12.7	9.5	9.5	9.5
-85°	23.8	19.6	15.8	12.5	9.5	9.5	9.5
-87.5°	21.4	18.1	15.1	12.2	9.5	9.5	9.5
-90°	9.5	9.5	9.5	9.5	9.5	9.5	9.5

(END OF REPORT)