

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: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1E-730-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

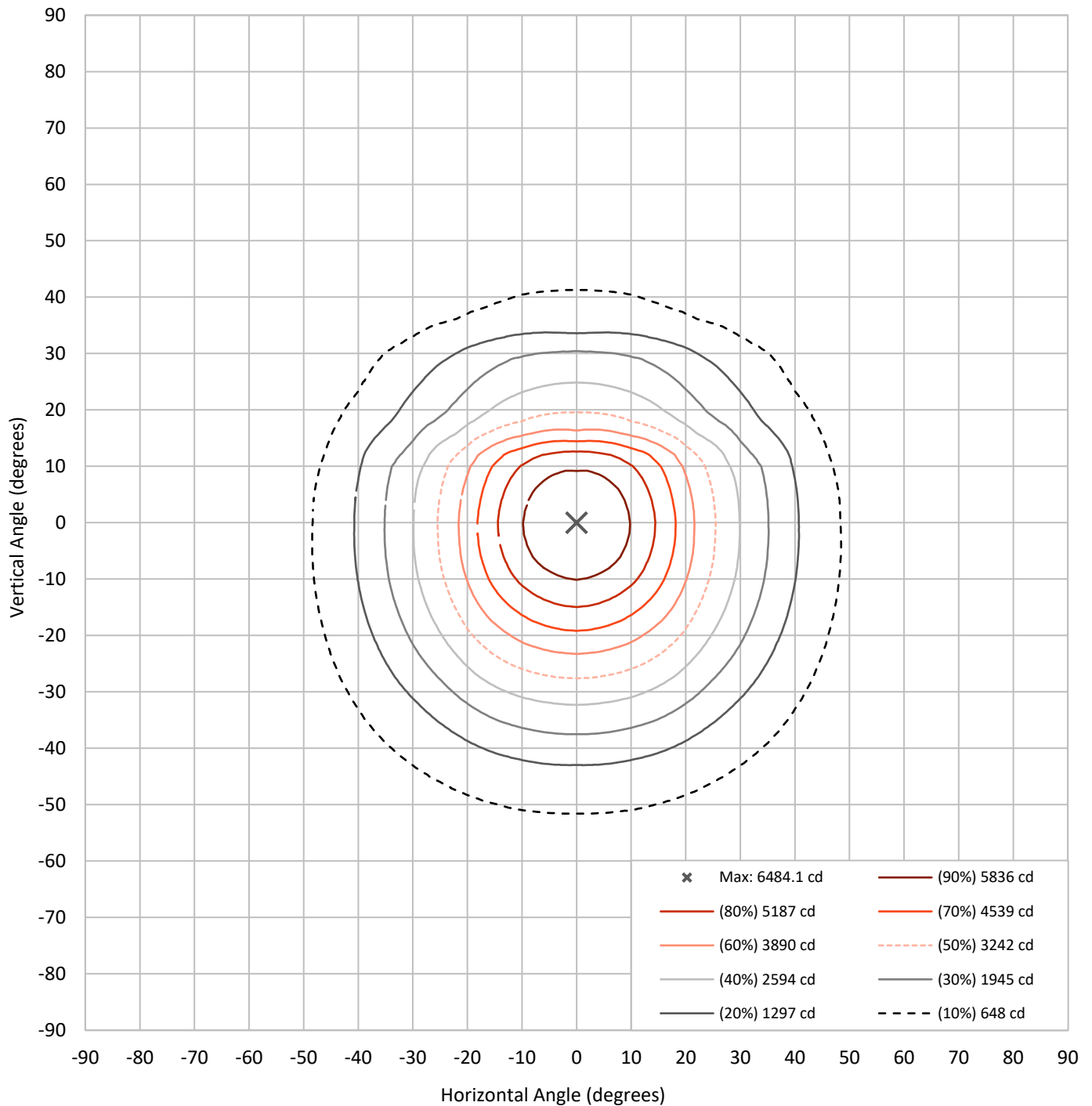
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5720.4 lumens	Max Intensity:	6484.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	2754.1 lumens	Field Lumens:	5121.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	66.2		
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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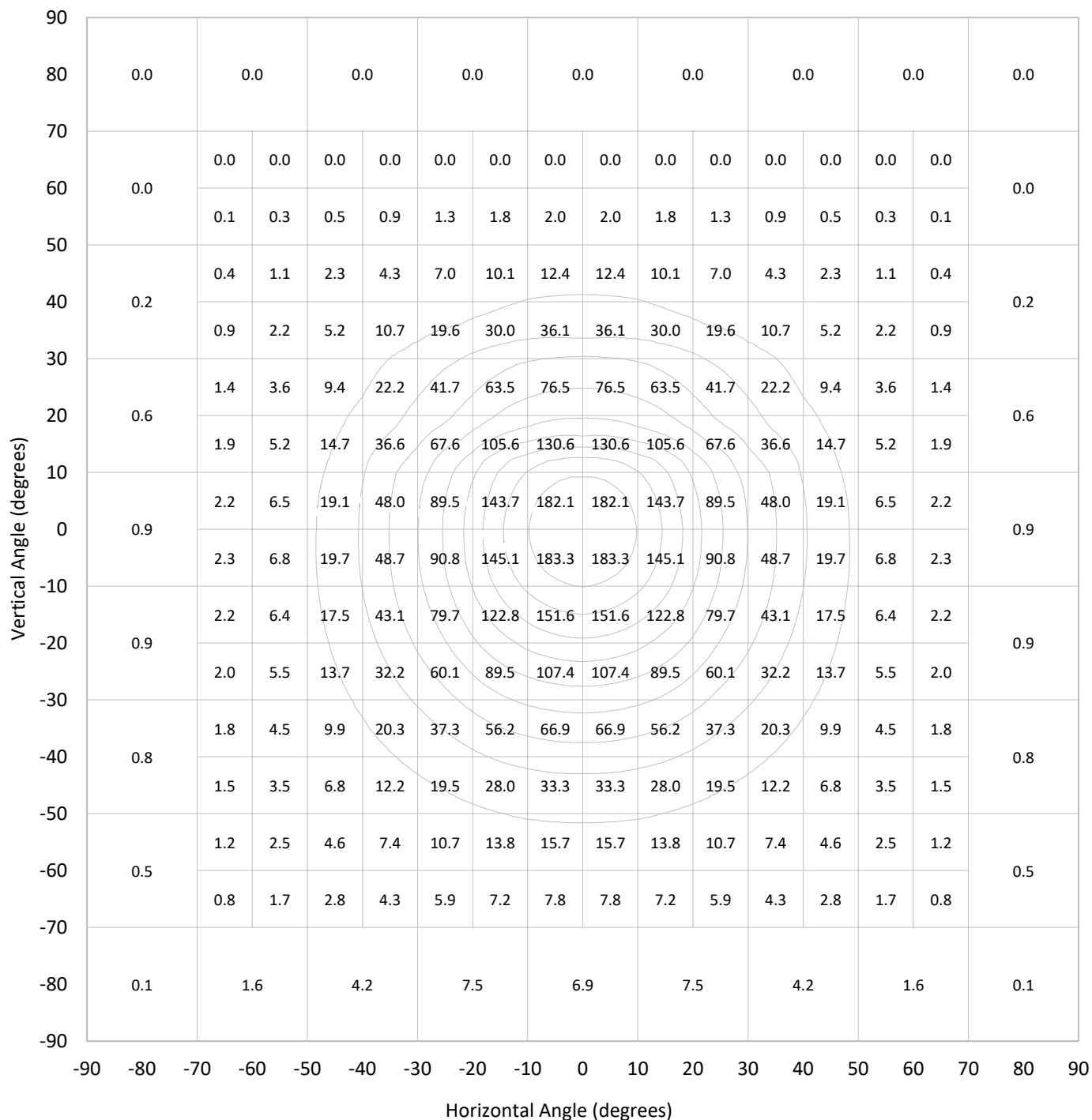
### Iso-Candela Plot





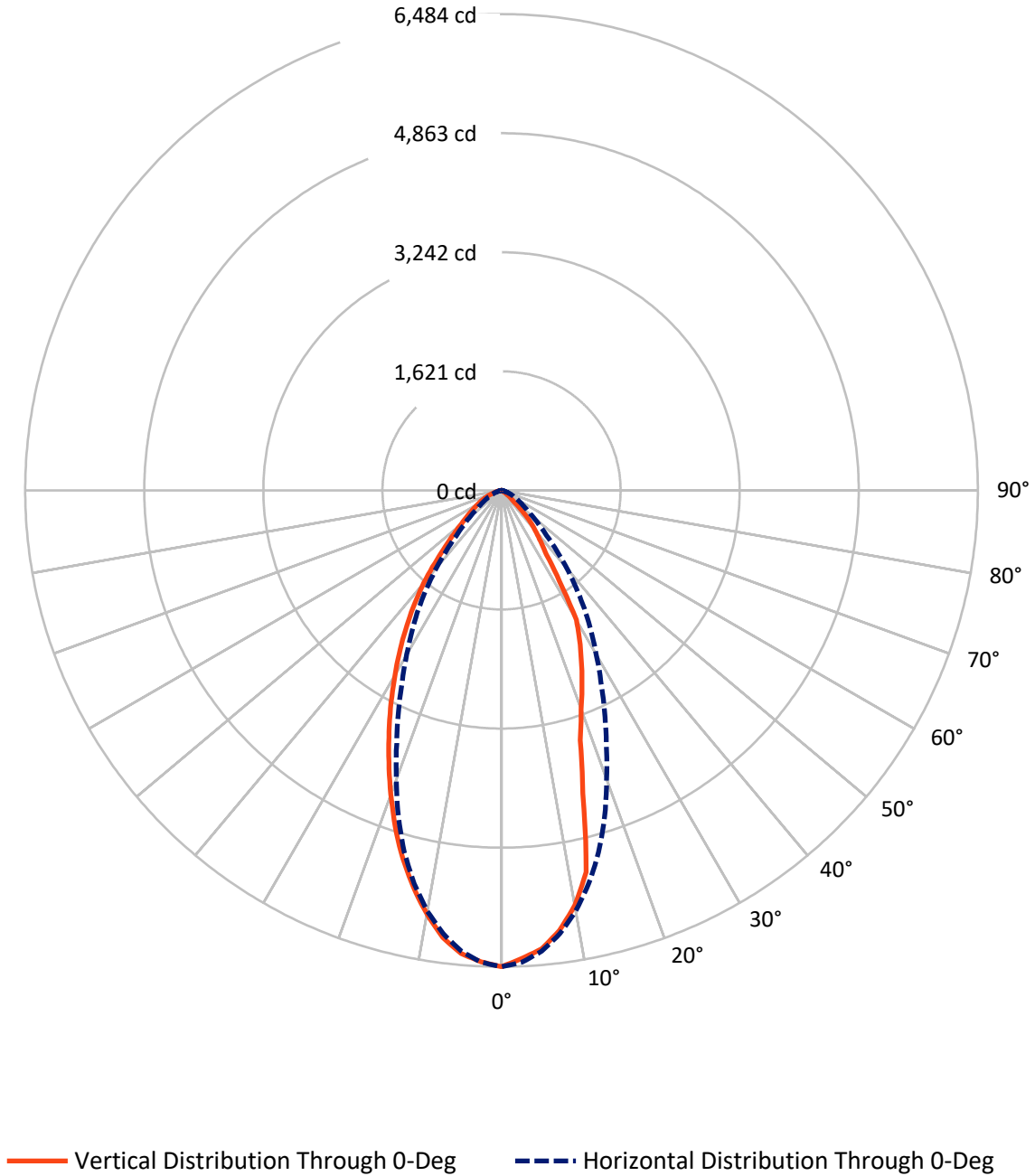
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### Lumen Table



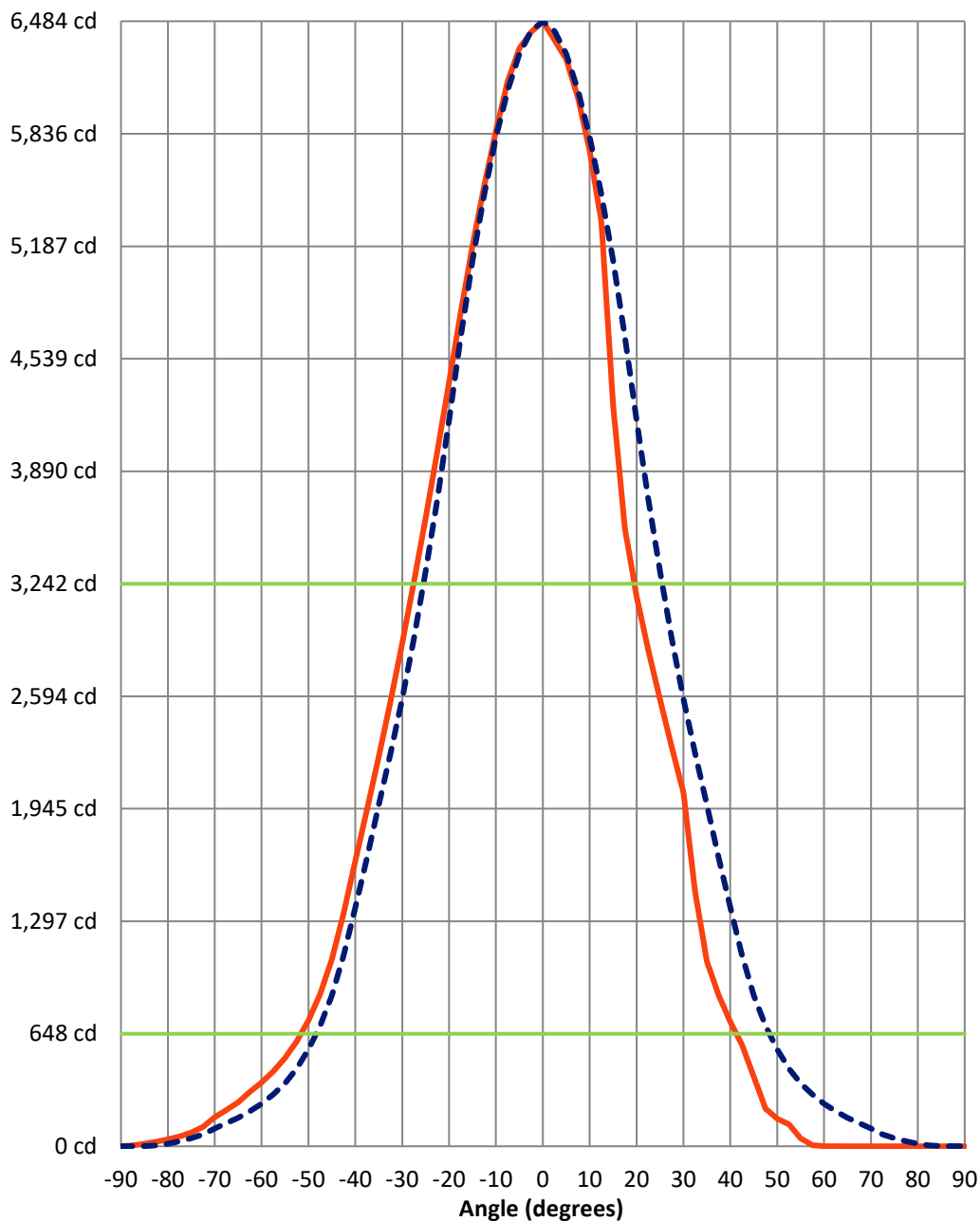
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 2754.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 5121.7  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 598.7  
 Efficiency: 10.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
65°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.7	0.8	0.9
62.5°	0.0	0.2	0.5	0.5	0.5	0.7	0.7	0.7	0.9	1.3	2.0
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.8	0.9	1.1	3.1	3.3
57.5°	0.0	0.3	0.5	0.5	0.6	0.9	1.3	1.2	3.0	5.2	5.7
55°	0.0	0.3	0.5	0.5	0.8	1.1	1.9	1.8	5.5	7.8	8.8
52.5°	0.0	0.3	0.5	0.5	0.9	1.3	2.7	4.4	8.3	11.6	12.5
50°	0.0	0.3	0.5	0.5	1.1	2.1	3.6	7.2	11.5	15.7	19.0
47.5°	0.0	0.3	0.5	0.5	1.2	3.0	4.7	10.1	15.8	20.3	25.8
45°	0.0	0.4	0.5	0.7	1.4	3.9	7.2	13.0	20.2	26.4	32.6
42.5°	0.0	0.4	0.6	0.8	1.6	4.8	9.7	16.4	24.5	32.3	40.0
40°	0.0	0.4	0.6	1.0	2.1	5.9	12.2	20.1	29.0	38.1	47.8
37.5°	0.0	0.4	0.6	1.2	2.9	6.9	14.7	23.8	33.9	44.1	55.7
35°	0.0	0.4	0.6	1.4	3.7	8.6	17.1	27.5	38.8	51.2	64.3
32.5°	0.0	0.4	0.6	1.6	4.5	10.5	19.7	31.0	43.6	58.5	74.0
30°	0.0	0.4	0.6	1.8	5.3	12.4	22.6	34.7	48.5	65.9	83.8
27.5°	0.0	0.4	0.7	2.1	6.2	14.2	25.4	38.7	53.9	73.5	93.6
25°	0.0	0.5	0.7	2.4	7.1	16.0	28.1	42.6	60.1	81.6	103.5
22.5°	0.0	0.5	0.7	2.7	8.1	17.7	30.7	46.4	66.2	89.7	113.5
20°	0.0	0.5	0.7	2.9	8.9	19.4	33.2	50.0	72.2	97.7	122.9
17.5°	0.0	0.5	0.8	3.2	9.8	20.9	35.4	53.5	78.0	105.5	132.0
15°	0.0	0.5	0.8	3.5	10.6	22.4	37.5	56.7	83.7	113.0	140.4
12.5°	0.0	0.5	0.8	3.8	11.4	23.7	39.5	59.3	88.4	120.1	148.4
10°	0.0	0.5	0.8	4.1	12.1	25.0	41.2	61.6	92.2	124.3	154.6
7.5°	0.0	0.5	0.8	4.4	12.8	26.1	42.8	63.7	95.5	127.6	157.9
5°	0.0	0.5	0.9	4.6	13.4	27.1	44.2	65.5	98.3	130.1	160.6
2.5°	0.0	0.5	0.9	4.9	13.9	28.0	45.3	66.9	100.6	132.1	162.6
0°	0.0	0.5	0.9	5.1	14.4	28.7	46.3	68.1	102.4	133.4	164.0
-2.5°	0.0	0.5	1.0	5.4	15.1	29.6	47.6	70.1	104.4	135.3	166.2
-5°	0.0	0.6	1.2	5.7	15.6	30.4	48.6	71.7	105.9	136.7	167.7
-7.5°	0.0	0.6	1.3	6.0	16.1	31.0	49.4	73.0	106.8	137.5	168.6
-10°	0.0	0.6	1.5	6.2	16.5	31.4	50.0	73.9	107.2	137.9	168.9
-12.5°	0.0	0.6	1.6	6.4	16.8	31.7	50.4	74.4	107.0	137.7	168.1
-15°	0.0	0.7	1.7	6.6	17.0	31.9	50.5	74.5	106.3	136.5	166.4
-17.5°	0.0	0.7	1.8	6.7	17.1	31.9	50.3	74.4	104.9	134.9	164.2
-20°	0.0	0.7	1.9	6.8	17.1	31.7	50.2	74.0	103.2	132.8	161.3

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CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.7	2.0	6.8	16.9	31.3	50.2	73.4	101.1	130.4	157.8
-25°	0.0	0.7	2.1	6.8	16.7	31.2	50.0	72.4	98.8	127.6	153.7
-27.5°	0.0	0.7	2.1	6.8	16.3	31.1	49.5	71.1	96.2	124.4	149.9
-30°	0.0	0.7	2.2	6.7	15.8	30.8	48.8	69.5	94.0	120.8	145.8
-32.5°	0.0	0.7	2.2	6.6	15.6	30.2	47.8	68.2	91.7	117.0	141.4
-35°	0.0	0.7	2.3	6.4	15.3	29.5	46.9	66.8	89.2	113.2	136.8
-37.5°	0.0	0.7	2.3	6.1	14.8	28.7	45.8	65.1	86.4	109.2	131.3
-40°	0.0	0.7	2.3	5.8	14.3	28.0	44.5	63.1	83.2	105.4	125.5
-42.5°	0.0	0.7	2.2	5.6	13.8	27.1	42.9	60.8	80.4	100.6	119.3
-45°	0.0	0.7	2.2	5.4	13.6	26.1	41.1	58.4	77.4	95.4	112.9
-47.5°	0.0	0.7	2.2	5.1	13.2	24.9	39.0	55.9	74.1	90.0	106.9
-50°	0.0	0.7	2.1	5.0	12.6	23.5	37.2	53.2	69.7	85.1	100.8
-52.5°	0.0	0.6	2.0	4.9	11.9	21.9	35.2	50.1	65.4	80.0	94.5
-55°	0.0	0.6	1.9	4.8	11.1	20.6	33.1	46.8	60.9	74.7	88.6
-57.5°	0.0	0.6	1.8	4.6	10.1	19.2	30.7	43.9	56.2	69.3	82.5
-60°	0.0	0.6	1.7	4.4	9.1	17.6	28.2	40.4	51.4	63.7	76.2
-62.5°	0.0	0.5	1.6	4.0	8.5	15.8	25.7	36.6	46.6	57.9	69.7
-65°	0.0	0.5	1.5	3.7	7.7	13.9	23.0	32.5	41.5	51.8	62.9
-67.5°	0.0	0.4	1.4	3.3	6.9	12.2	20.0	28.4	36.2	45.3	55.5
-70°	0.0	0.4	1.2	2.8	6.0	10.7	16.9	24.1	31.1	38.6	47.4
-72.5°	0.0	0.4	1.1	2.5	5.1	9.1	14.4	19.8	25.9	32.5	39.4
-75°	0.0	0.3	1.0	2.2	4.0	7.3	11.8	16.1	20.6	26.2	32.1
-77.5°	0.0	0.3	0.8	1.8	3.3	5.5	9.1	12.7	16.3	20.2	24.7
-80°	0.0	0.2	0.7	1.5	2.7	4.2	6.3	9.1	12.1	15.3	18.6
-82.5°	0.0	0.2	0.5	1.1	2.0	3.2	4.6	6.1	7.9	10.3	12.9
-85°	0.0	0.1	0.3	0.8	1.4	2.1	3.1	4.1	5.2	6.5	7.8
-87.5°	0.0	0.1	0.2	0.4	0.7	1.1	1.6	2.1	2.6	3.2	3.9
-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: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.5	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.9	1.1	1.7	1.2	0.5	0.9	1.1	0.7	0.6	0.6
60°	2.1	1.4	3.6	5.0	3.3	1.7	2.1	4.2	3.5	0.9	2.4
57.5°	4.1	5.1	9.0	9.4	7.2	4.9	10.7	11.9	9.8	6.2	8.9
55°	8.6	12.0	15.1	14.9	15.0	18.9	22.2	21.8	19.2	26.5	33.4
52.5°	16.2	19.7	21.8	23.7	29.2	32.8	33.8	35.8	43.4	52.4	54.1
50°	23.7	27.4	30.1	37.2	42.7	45.6	48.2	55.1	66.5	72.7	73.7
47.5°	31.3	35.4	42.7	50.4	55.8	60.1	64.7	80.4	93.1	98.4	100.2
45°	39.3	46.4	55.5	63.4	69.6	75.4	90.3	111.8	120.7	128.8	149.4
42.5°	47.5	58.3	68.5	76.8	83.8	96.0	116.7	137.5	150.3	167.5	192.4
40°	58.1	70.1	82.0	90.4	99.2	117.6	143.3	165.2	178.8	201.9	230.2
37.5°	68.8	82.9	95.7	104.6	116.9	141.8	171.9	198.3	215.1	233.9	279.4
35°	79.4	95.9	109.0	121.0	136.1	170.5	207.6	236.9	257.8	289.9	347.6
32.5°	90.6	109.1	122.6	138.8	163.7	202.1	247.8	280.3	314.9	361.2	453.5
30°	102.7	121.5	137.0	156.5	189.9	234.7	287.7	328.6	375.5	450.7	550.2
27.5°	114.7	133.9	152.9	177.7	214.4	262.9	318.2	382.7	443.2	527.3	636.1
25°	126.2	146.5	168.5	198.5	238.2	288.9	349.3	423.7	502.7	598.9	726.7
22.5°	137.2	159.3	185.0	217.3	258.3	313.6	385.7	473.0	568.0	667.7	814.5
20°	148.0	173.5	203.1	239.2	276.7	336.5	421.2	527.0	646.0	782.6	926.4
17.5°	158.6	187.6	221.8	261.9	307.4	368.5	457.6	583.7	728.5	906.2	1083.3
15°	169.1	201.4	239.9	284.4	338.3	411.3	512.6	651.1	826.0	1038.9	1248.7
12.5°	179.2	214.8	257.2	306.2	368.3	451.6	564.4	713.7	914.3	1168.5	1426.3
10°	188.9	227.7	273.7	327.4	397.0	489.1	610.2	767.9	980.8	1242.9	1529.5
7.5°	193.8	236.4	287.7	347.5	424.1	523.6	650.0	813.8	1032.8	1302.6	1590.0
5°	197.3	240.4	293.0	355.5	439.0	547.0	680.5	851.2	1071.1	1347.6	1631.0
2.5°	200.0	243.2	296.8	360.0	444.9	554.8	690.5	864.3	1091.7	1371.1	1654.9
0°	201.9	245.0	299.2	362.6	447.9	558.6	695.2	869.8	1100.4	1376.5	1663.6
-2.5°	203.9	247.4	301.7	366.6	452.1	563.7	700.3	873.7	1107.0	1378.0	1668.3
-5°	205.0	248.7	302.7	368.6	453.5	564.7	699.9	870.0	1101.8	1367.1	1658.1
-7.5°	205.4	248.8	302.1	368.2	451.8	560.3	692.5	859.1	1083.8	1345.3	1633.1
-10°	204.9	247.7	300.1	364.9	446.7	551.2	679.3	840.3	1054.3	1309.2	1590.8
-12.5°	203.4	245.4	296.6	359.5	438.5	538.2	660.7	813.5	1013.3	1258.9	1531.2
-15°	201.0	242.0	291.4	351.9	427.2	521.6	636.7	778.7	960.5	1195.1	1456.9
-17.5°	197.7	237.4	284.7	342.3	412.7	501.4	607.7	737.9	903.6	1123.8	1374.3
-20°	193.5	231.7	276.3	330.6	396.1	480.1	580.9	701.8	850.3	1042.2	1276.9

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	188.3	224.9	267.5	319.4	381.3	458.0	550.8	660.9	790.5	947.9	1170.5
-25°	183.1	218.4	258.9	306.9	364.5	432.9	516.5	616.7	734.1	878.1	1062.2
-27.5°	177.9	210.9	249.0	292.6	345.6	407.1	484.1	575.5	680.2	802.6	952.5
-30°	172.0	202.6	238.0	277.5	327.5	384.6	451.2	529.5	622.5	733.2	863.5
-32.5°	165.6	193.6	227.4	264.5	308.1	360.1	417.7	488.5	569.4	660.7	773.3
-35°	159.2	185.9	216.5	250.4	287.3	335.9	388.8	447.6	516.5	597.3	687.4
-37.5°	153.1	177.6	204.9	236.5	271.0	311.4	358.2	411.2	470.5	534.8	612.7
-40°	146.2	168.5	194.4	223.0	253.5	288.6	330.7	375.7	426.8	483.4	543.5
-42.5°	138.8	160.2	183.8	208.5	236.5	267.8	302.8	344.0	386.3	433.7	486.2
-45°	131.6	151.2	172.8	195.3	218.9	246.5	278.3	312.6	350.1	388.8	432.9
-47.5°	123.9	141.8	161.9	181.6	202.5	226.1	253.0	284.1	315.4	349.9	384.0
-50°	116.3	133.1	149.9	168.3	187.0	206.6	229.4	256.2	284.7	313.3	343.4
-52.5°	109.4	124.0	139.2	154.9	171.9	189.4	208.4	230.5	255.5	280.6	306.5
-55°	102.4	115.8	128.4	142.5	157.2	172.9	189.9	208.5	227.3	250.2	272.5
-57.5°	95.6	107.5	118.4	130.4	143.5	156.8	172.1	187.9	205.0	222.3	240.6
-60°	88.7	98.8	108.7	119.1	130.1	142.0	154.2	168.1	182.8	197.9	213.7
-62.5°	81.6	89.8	98.5	108.1	117.7	126.9	137.2	148.5	160.6	173.5	186.9
-65°	73.6	80.4	87.7	96.0	105.1	112.5	120.4	128.9	138.9	149.5	160.1
-67.5°	65.1	71.1	77.1	83.3	90.7	97.3	103.7	110.5	118.0	126.7	135.1
-70°	55.7	61.7	66.9	72.0	76.7	81.5	87.0	92.3	98.3	106.1	113.8
-72.5°	46.1	51.7	56.6	60.9	64.3	67.1	70.5	74.4	80.2	87.4	94.2
-75°	37.3	41.8	46.5	50.6	52.7	53.6	54.3	56.4	62.2	69.6	76.2
-77.5°	29.0	33.0	36.8	40.4	41.9	42.5	42.8	42.8	47.1	53.4	60.0
-80°	21.4	24.2	27.4	30.5	31.4	31.6	31.7	31.5	35.0	39.5	44.4
-82.5°	14.9	16.8	18.9	21.0	21.3	21.1	20.8	20.5	23.3	26.6	30.0
-85°	8.7	9.5	10.7	12.0	12.2	12.1	11.9	11.5	13.1	14.9	16.8
-87.5°	4.3	4.7	5.2	5.6	5.4	5.2	4.9	4.6	5.0	5.5	6.0
-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: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-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°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
60°	2.6	1.5	1.6	2.0	1.7	0.8	1.5	2.0	1.8	1.4	1.2
57.5°	13.3	11.1	7.8	13.0	13.4	9.4	10.2	13.3	12.9	10.0	9.9
55°	33.5	34.0	36.5	39.8	42.2	43.3	44.3	49.3	54.7	59.9	62.5
52.5°	55.3	61.8	69.8	75.1	78.9	86.5	97.2	102.1	106.9	112.3	116.2
50°	81.5	92.7	100.8	102.0	114.7	122.9	124.9	134.1	144.1	150.3	154.8
47.5°	121.2	135.4	142.5	147.0	162.4	179.4	179.4	184.7	209.8	222.9	229.2
45°	174.6	186.4	198.9	231.3	261.0	270.5	290.7	318.1	335.8	360.3	387.2
42.5°	220.0	242.3	273.5	309.1	338.9	363.8	393.8	426.7	466.2	503.4	535.5
40°	265.0	292.6	331.3	370.0	407.6	442.0	490.3	532.6	579.3	630.4	673.0
37.5°	323.7	359.1	399.0	447.8	506.3	544.4	611.0	671.8	724.3	786.1	824.1
35°	413.9	459.9	495.2	594.0	665.1	709.8	788.6	888.5	926.9	1004.6	1041.5
32.5°	527.2	588.4	681.4	812.2	907.2	989.4	1107.1	1208.5	1294.9	1373.0	1454.2
30°	654.6	748.9	886.1	1059.9	1156.3	1271.5	1430.8	1551.0	1686.5	1835.2	1887.3
27.5°	770.2	911.5	1070.7	1211.5	1350.0	1493.4	1649.9	1804.3	1951.0	2074.8	2157.9
25°	877.3	1048.4	1203.2	1353.6	1503.7	1665.2	1842.2	2017.4	2178.8	2306.1	2402.9
22.5°	987.8	1168.6	1334.1	1486.8	1661.4	1844.4	2032.7	2233.5	2417.2	2549.3	2654.8
20°	1091.6	1292.7	1481.5	1655.4	1820.4	2031.7	2248.5	2461.6	2661.6	2819.0	2940.6
17.5°	1256.6	1431.1	1661.9	1887.7	2073.6	2267.7	2557.4	2777.3	2999.2	3187.7	3316.7
15°	1459.1	1651.0	1889.3	2199.4	2454.2	2676.6	2975.8	3333.5	3595.3	3836.0	4001.1
12.5°	1661.7	1878.8	2136.6	2485.6	2848.3	3110.3	3473.2	3926.6	4231.5	4604.1	4787.7
10°	1817.1	2089.6	2355.1	2673.6	3021.9	3395.0	3786.3	4210.4	4617.9	4937.8	5223.7
7.5°	1879.6	2170.0	2477.2	2802.2	3150.5	3535.6	3952.6	4393.9	4813.3	5170.6	5484.8
5°	1926.4	2223.9	2533.2	2865.5	3237.8	3639.9	4063.1	4526.5	4954.7	5337.7	5659.2
2.5°	1956.1	2256.4	2564.4	2902.2	3293.7	3707.8	4144.6	4620.3	5054.9	5449.2	5769.7
0°	1967.4	2263.4	2578.8	2926.6	3314.3	3729.3	4185.0	4666.2	5104.3	5485.5	5815.3
-2.5°	1969.0	2256.9	2579.8	2925.9	3296.8	3715.7	4176.9	4654.1	5083.3	5462.9	5795.7
-5°	1953.5	2241.3	2564.5	2905.4	3276.8	3692.5	4133.9	4595.0	5004.4	5373.9	5694.3
-7.5°	1922.2	2209.2	2525.2	2858.3	3219.7	3622.9	4046.9	4475.6	4877.2	5231.6	5537.3
-10°	1875.7	2156.6	2461.7	2786.3	3128.3	3511.8	3916.0	4325.7	4702.3	5030.0	5312.6
-12.5°	1812.8	2087.2	2378.6	2688.3	3006.7	3372.4	3754.1	4138.7	4482.0	4781.2	5034.8
-15°	1731.0	1999.0	2281.1	2574.1	2882.8	3213.5	3556.1	3908.9	4225.5	4490.8	4722.6
-17.5°	1634.7	1894.6	2162.5	2434.2	2727.1	3037.3	3355.3	3672.0	3942.0	4177.7	4389.6
-20°	1527.3	1777.8	2032.2	2285.5	2551.2	2838.2	3131.9	3410.0	3646.0	3860.2	4054.0



REPORT NUMBER: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1406.9	1646.7	1890.6	2127.5	2367.2	2627.0	2889.3	3140.9	3361.6	3544.8	3713.3
-25°	1278.0	1499.6	1729.9	1952.1	2172.6	2405.4	2643.7	2875.1	3069.4	3228.5	3367.7
-27.5°	1148.2	1350.6	1553.5	1762.7	1966.6	2181.4	2397.1	2597.0	2771.4	2917.9	3034.9
-30°	1011.7	1192.6	1377.9	1567.2	1761.9	1958.5	2153.4	2328.5	2480.7	2609.5	2710.6
-32.5°	898.2	1035.7	1199.3	1371.1	1553.6	1732.7	1902.3	2061.9	2205.3	2317.8	2403.5
-35°	789.5	905.9	1028.4	1180.5	1337.3	1502.2	1658.1	1800.5	1928.4	2026.7	2107.3
-37.5°	696.1	788.1	891.7	1000.3	1131.7	1268.0	1408.8	1542.7	1656.7	1742.4	1814.5
-40°	615.2	687.9	770.6	856.7	953.4	1051.3	1173.8	1286.9	1379.9	1460.1	1525.4
-42.5°	542.0	603.4	664.5	735.1	808.1	886.8	972.8	1056.4	1127.8	1194.8	1250.3
-45°	478.8	527.9	576.6	631.1	684.7	748.7	810.1	865.0	922.8	973.0	1012.5
-47.5°	423.6	461.8	503.6	544.4	587.5	635.6	681.4	723.1	765.5	802.2	831.7
-50°	374.6	406.2	440.3	472.4	507.2	542.5	576.3	609.5	641.7	669.6	691.4
-52.5°	331.6	359.3	385.9	411.4	439.1	465.1	489.6	517.0	542.2	564.3	579.1
-55°	295.0	317.6	339.4	360.7	381.7	401.5	421.0	442.2	461.7	479.2	490.2
-57.5°	260.7	279.9	298.4	315.8	332.4	348.1	364.5	380.9	395.9	409.1	417.6
-60°	229.4	245.1	261.1	275.3	288.7	301.3	315.1	328.2	340.3	350.4	356.4
-62.5°	200.8	214.9	226.7	237.9	249.3	260.7	270.5	280.1	289.5	297.3	302.5
-65°	170.9	182.9	192.9	201.9	210.1	218.8	227.2	234.8	241.5	246.7	249.9
-67.5°	144.2	153.0	161.0	168.2	175.5	182.5	188.9	194.7	199.7	203.3	205.6
-70°	120.9	127.6	134.2	140.7	147.2	152.7	157.4	161.7	165.5	167.2	167.9
-72.5°	100.5	106.4	112.2	118.0	123.4	127.6	131.1	134.2	137.1	134.6	130.3
-75°	82.0	87.2	92.6	97.7	102.4	105.7	108.2	110.6	112.7	107.4	100.1
-77.5°	66.7	71.4	75.4	79.3	83.3	85.4	87.0	88.6	90.1	84.2	76.7
-80°	49.5	53.2	56.6	60.0	63.2	64.5	65.2	65.7	66.0	60.9	55.0
-82.5°	33.5	35.4	37.3	39.2	41.2	42.2	43.0	43.6	44.0	40.4	36.4
-85°	18.8	19.3	19.8	20.2	20.5	21.1	21.8	22.4	22.9	21.2	19.3
-87.5°	6.5	6.5	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7
-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: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4
60°	1.0	0.6	0.5	0.5	0.5	0.6	1.0	1.2	1.4	1.8	2.0
57.5°	9.2	8.1	7.2	6.5	7.2	8.1	9.2	9.9	10.0	12.9	13.3
55°	61.4	57.1	52.0	45.9	52.0	57.1	61.4	62.5	59.9	54.7	49.3
52.5°	120.4	124.4	126.7	126.4	126.7	124.4	120.4	116.2	112.3	106.9	102.1
50°	158.4	160.6	160.7	158.9	160.7	160.6	158.4	154.8	150.3	144.1	134.1
47.5°	232.1	229.0	223.7	218.1	223.7	229.0	232.1	229.2	222.9	209.8	184.7
45°	404.9	414.7	414.0	401.5	414.0	414.7	404.9	387.2	360.3	335.8	318.1
42.5°	553.4	568.0	578.3	583.6	578.3	568.0	553.4	535.5	503.4	466.2	426.7
40°	697.0	711.1	717.3	717.0	717.3	711.1	697.0	673.0	630.4	579.3	532.6
37.5°	848.7	867.0	875.9	871.6	875.9	867.0	848.7	824.1	786.1	724.3	671.8
35°	1057.4	1074.5	1074.9	1066.2	1074.9	1074.5	1057.4	1041.5	1004.6	926.9	888.5
32.5°	1518.7	1524.4	1480.5	1464.9	1480.5	1524.4	1518.7	1454.2	1373.0	1294.9	1208.5
30°	1939.2	1979.7	2017.4	2036.5	2017.4	1979.7	1939.2	1887.3	1835.2	1686.5	1551.0
27.5°	2220.5	2269.2	2299.4	2301.4	2299.4	2269.2	2220.5	2157.9	2074.8	1951.0	1804.3
25°	2476.3	2530.9	2563.8	2575.1	2563.8	2530.9	2476.3	2402.9	2306.1	2178.8	2017.4
22.5°	2744.4	2808.6	2851.3	2859.9	2851.3	2808.6	2744.4	2654.8	2549.3	2417.2	2233.5
20°	3055.4	3130.2	3171.0	3169.3	3171.0	3130.2	3055.4	2940.6	2819.0	2661.6	2461.6
17.5°	3464.8	3545.0	3580.3	3564.8	3580.3	3545.0	3464.8	3316.7	3187.7	2999.2	2777.3
15°	4170.5	4338.3	4337.6	4270.7	4337.6	4338.3	4170.5	4001.1	3836.0	3595.3	3333.5
12.5°	5041.0	5166.1	5294.4	5322.0	5294.4	5166.1	5041.0	4787.7	4604.1	4231.5	3926.6
10°	5464.6	5630.7	5740.4	5737.5	5740.4	5630.7	5464.6	5223.7	4937.8	4617.9	4210.4
7.5°	5729.7	5913.2	6046.0	6043.1	6046.0	5913.2	5729.7	5484.8	5170.6	4813.3	4393.9
5°	5934.1	6137.7	6255.3	6264.1	6255.3	6137.7	5934.1	5659.2	5337.7	4954.7	4526.5
2.5°	6040.4	6252.9	6394.3	6375.7	6394.3	6252.9	6040.4	5769.7	5449.2	5054.9	4620.3
0°	6084.8	6295.1	6427.1	6484.1	6427.1	6295.1	6084.8	5815.3	5485.5	5104.3	4666.2
-2.5°	6065.4	6270.0	6415.9	6421.5	6415.9	6270.0	6065.4	5795.7	5462.9	5083.3	4654.1
-5°	5961.5	6177.4	6275.1	6327.1	6275.1	6177.4	5961.5	5694.3	5373.9	5004.4	4595.0
-7.5°	5793.9	5955.7	6079.9	6137.2	6079.9	5955.7	5793.9	5537.3	5231.6	4877.2	4475.6
-10°	5533.0	5700.6	5805.5	5852.8	5805.5	5700.6	5533.0	5312.6	5030.0	4702.3	4325.7
-12.5°	5244.1	5396.3	5496.1	5536.0	5496.1	5396.3	5244.1	5034.8	4781.2	4482.0	4138.7
-15°	4921.7	5059.9	5151.7	5190.0	5151.7	5059.9	4921.7	4722.6	4490.8	4225.5	3908.9
-17.5°	4566.8	4687.9	4779.4	4807.0	4779.4	4687.9	4566.8	4389.6	4177.7	3942.0	3672.0
-20°	4201.9	4311.4	4386.7	4403.1	4386.7	4311.4	4201.9	4054.0	3860.2	3646.0	3410.0



REPORT NUMBER: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3834.2	3924.4	3985.6	4006.2	3985.6	3924.4	3834.2	3713.3	3544.8	3361.6	3140.9
-25°	3474.8	3552.7	3602.0	3620.4	3602.0	3552.7	3474.8	3367.7	3228.5	3069.4	2875.1
-27.5°	3129.3	3201.8	3247.1	3253.1	3247.1	3201.8	3129.3	3034.9	2917.9	2771.4	2597.0
-30°	2789.2	2849.2	2884.0	2898.8	2884.0	2849.2	2789.2	2710.6	2609.5	2480.7	2328.5
-32.5°	2471.4	2523.8	2555.1	2563.5	2555.1	2523.8	2471.4	2403.5	2317.8	2205.3	2061.9
-35°	2171.4	2219.8	2247.6	2245.3	2247.6	2219.8	2171.4	2107.3	2026.7	1928.4	1800.5
-37.5°	1874.0	1918.6	1943.8	1941.5	1943.8	1918.6	1874.0	1814.5	1742.4	1656.7	1542.7
-40°	1579.0	1617.5	1639.7	1645.1	1639.7	1617.5	1579.0	1525.4	1460.1	1379.9	1286.9
-42.5°	1296.4	1331.9	1349.7	1342.7	1349.7	1331.9	1296.4	1250.3	1194.8	1127.8	1056.4
-45°	1040.2	1058.6	1070.7	1078.2	1070.7	1058.6	1040.2	1012.5	973.0	922.8	865.0
-47.5°	853.2	868.4	876.7	878.1	876.7	868.4	853.2	831.7	802.2	765.5	723.1
-50°	708.3	721.2	726.9	725.3	726.9	721.2	708.3	691.4	669.6	641.7	609.5
-52.5°	589.8	597.4	602.4	604.9	602.4	597.4	589.8	579.1	564.3	542.2	517.0
-55°	498.6	504.4	507.8	509.0	507.8	504.4	498.6	490.2	479.2	461.7	442.2
-57.5°	424.8	430.3	432.4	431.7	432.4	430.3	424.8	417.6	409.1	395.9	380.9
-60°	360.9	364.1	366.5	367.7	366.5	364.1	360.9	356.4	350.4	340.3	328.2
-62.5°	306.6	309.6	312.1	313.6	312.1	309.6	306.6	302.5	297.3	289.5	280.1
-65°	252.2	253.5	253.9	253.3	253.9	253.5	252.2	249.9	246.7	241.5	234.8
-67.5°	207.4	208.5	209.2	209.3	209.2	208.5	207.4	205.6	203.3	199.7	194.7
-70°	168.6	169.0	168.5	167.2	168.5	169.0	168.6	167.9	167.2	165.5	161.7
-72.5°	125.9	121.3	116.7	111.6	116.7	121.3	125.9	130.3	134.6	137.1	134.2
-75°	92.6	84.8	82.0	79.2	82.0	84.8	92.6	100.1	107.4	112.7	110.6
-77.5°	68.9	60.8	58.6	56.5	58.6	60.8	68.9	76.7	84.2	90.1	88.6
-80°	48.9	42.6	41.2	39.8	41.2	42.6	48.9	55.0	60.9	66.0	65.7
-82.5°	32.2	27.7	26.8	25.9	26.8	27.7	32.2	36.4	40.4	44.0	43.6
-85°	17.3	15.2	14.8	14.4	14.8	15.2	17.3	19.3	21.2	22.9	22.4
-87.5°	5.4	5.1	5.1	5.1	5.1	5.1	5.4	5.7	6.0	6.3	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: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-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°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5
65°	0.1	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.5	0.5	0.4	0.4	0.6	0.6	0.6	0.6	0.7	1.1
60°	1.5	0.8	1.7	2.0	1.6	1.5	2.6	2.4	0.9	3.5	4.2
57.5°	10.2	9.4	13.4	13.0	7.8	11.1	13.3	8.9	6.2	9.8	11.9
55°	44.3	43.3	42.2	39.8	36.5	34.0	33.5	33.4	26.5	19.2	21.8
52.5°	97.2	86.5	78.9	75.1	69.8	61.8	55.3	54.1	52.4	43.4	35.8
50°	124.9	122.9	114.7	102.0	100.8	92.7	81.5	73.7	72.7	66.5	55.1
47.5°	179.4	179.4	162.4	147.0	142.5	135.4	121.2	100.2	98.4	93.1	80.4
45°	290.7	270.5	261.0	231.3	198.9	186.4	174.6	149.4	128.8	120.7	111.8
42.5°	393.8	363.8	338.9	309.1	273.5	242.3	220.0	192.4	167.5	150.3	137.5
40°	490.3	442.0	407.6	370.0	331.3	292.6	265.0	230.2	201.9	178.8	165.2
37.5°	611.0	544.4	506.3	447.8	399.0	359.1	323.7	279.4	233.9	215.1	198.3
35°	788.6	709.8	665.1	594.0	495.2	459.9	413.9	347.6	289.9	257.8	236.9
32.5°	1107.1	989.4	907.2	812.2	681.4	588.4	527.2	453.5	361.2	314.9	280.3
30°	1430.8	1271.5	1156.3	1059.9	886.1	748.9	654.6	550.2	450.7	375.5	328.6
27.5°	1649.9	1493.4	1350.0	1211.5	1070.7	911.5	770.2	636.1	527.3	443.2	382.7
25°	1842.2	1665.2	1503.7	1353.6	1203.2	1048.4	877.3	726.7	598.9	502.7	423.7
22.5°	2032.7	1844.4	1661.4	1486.8	1334.1	1168.6	987.8	814.5	667.7	568.0	473.0
20°	2248.5	2031.7	1820.4	1655.4	1481.5	1292.7	1091.6	926.4	782.6	646.0	527.0
17.5°	2557.4	2267.7	2073.6	1887.7	1661.9	1431.1	1256.6	1083.3	906.2	728.5	583.7
15°	2975.8	2676.6	2454.2	2199.4	1889.3	1651.0	1459.1	1248.7	1038.9	826.0	651.1
12.5°	3473.2	3110.3	2848.3	2485.6	2136.6	1878.8	1661.7	1426.3	1168.5	914.3	713.7
10°	3786.3	3395.0	3021.9	2673.6	2355.1	2089.6	1817.1	1529.5	1242.9	980.8	767.9
7.5°	3952.6	3535.6	3150.5	2802.2	2477.2	2170.0	1879.6	1590.0	1302.6	1032.8	813.8
5°	4063.1	3639.9	3237.8	2865.5	2533.2	2223.9	1926.4	1631.0	1347.6	1071.1	851.2
2.5°	4144.6	3707.8	3293.7	2902.2	2564.4	2256.4	1956.1	1654.9	1371.1	1091.7	864.3
0°	4185.0	3729.3	3314.3	2926.6	2578.8	2263.4	1967.4	1663.6	1376.5	1100.4	869.8
-2.5°	4176.9	3715.7	3296.8	2925.9	2579.8	2256.9	1969.0	1668.3	1378.0	1107.0	873.7
-5°	4133.9	3692.5	3276.8	2905.4	2564.5	2241.3	1953.5	1658.1	1367.1	1101.8	870.0
-7.5°	4046.9	3622.9	3219.7	2858.3	2525.2	2209.2	1922.2	1633.1	1345.3	1083.8	859.1
-10°	3916.0	3511.8	3128.3	2786.3	2461.7	2156.6	1875.7	1590.8	1309.2	1054.3	840.3
-12.5°	3754.1	3372.4	3006.7	2688.3	2378.6	2087.2	1812.8	1531.2	1258.9	1013.3	813.5
-15°	3556.1	3213.5	2882.8	2574.1	2281.1	1999.0	1731.0	1456.9	1195.1	960.5	778.7
-17.5°	3355.3	3037.3	2727.1	2434.2	2162.5	1894.6	1634.7	1374.3	1123.8	903.6	737.9
-20°	3131.9	2838.2	2551.2	2285.5	2032.2	1777.8	1527.3	1276.9	1042.2	850.3	701.8



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REPORT NUMBER: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2889.3	2627.0	2367.2	2127.5	1890.6	1646.7	1406.9	1170.5	947.9	790.5	660.9
-25°	2643.7	2405.4	2172.6	1952.1	1729.9	1499.6	1278.0	1062.2	878.1	734.1	616.7
-27.5°	2397.1	2181.4	1966.6	1762.7	1553.5	1350.6	1148.2	952.5	802.6	680.2	575.5
-30°	2153.4	1958.5	1761.9	1567.2	1377.9	1192.6	1011.7	863.5	733.2	622.5	529.5
-32.5°	1902.3	1732.7	1553.6	1371.1	1199.3	1035.7	898.2	773.3	660.7	569.4	488.5
-35°	1658.1	1502.2	1337.3	1180.5	1028.4	905.9	789.5	687.4	597.3	516.5	447.6
-37.5°	1408.8	1268.0	1131.7	1000.3	891.7	788.1	696.1	612.7	534.8	470.5	411.2
-40°	1173.8	1051.3	953.4	856.7	770.6	687.9	615.2	543.5	483.4	426.8	375.7
-42.5°	972.8	886.8	808.1	735.1	664.5	603.4	542.0	486.2	433.7	386.3	344.0
-45°	810.1	748.7	684.7	631.1	576.6	527.9	478.8	432.9	388.8	350.1	312.6
-47.5°	681.4	635.6	587.5	544.4	503.6	461.8	423.6	384.0	349.9	315.4	284.1
-50°	576.3	542.5	507.2	472.4	440.3	406.2	374.6	343.4	313.3	284.7	256.2
-52.5°	489.6	465.1	439.1	411.4	385.9	359.3	331.6	306.5	280.6	255.5	230.5
-55°	421.0	401.5	381.7	360.7	339.4	317.6	295.0	272.5	250.2	227.3	208.5
-57.5°	364.5	348.1	332.4	315.8	298.4	279.9	260.7	240.6	222.3	205.0	187.9
-60°	315.1	301.3	288.7	275.3	261.1	245.1	229.4	213.7	197.9	182.8	168.1
-62.5°	270.5	260.7	249.3	237.9	226.7	214.9	200.8	186.9	173.5	160.6	148.5
-65°	227.2	218.8	210.1	201.9	192.9	182.9	170.9	160.1	149.5	138.9	128.9
-67.5°	188.9	182.5	175.5	168.2	161.0	153.0	144.2	135.1	126.7	118.0	110.5
-70°	157.4	152.7	147.2	140.7	134.2	127.6	120.9	113.8	106.1	98.3	92.3
-72.5°	131.1	127.6	123.4	118.0	112.2	106.4	100.5	94.2	87.4	80.2	74.4
-75°	108.2	105.7	102.4	97.7	92.6	87.2	82.0	76.2	69.6	62.2	56.4
-77.5°	87.0	85.4	83.3	79.3	75.4	71.4	66.7	60.0	53.4	47.1	42.8
-80°	65.2	64.5	63.2	60.0	56.6	53.2	49.5	44.4	39.5	35.0	31.5
-82.5°	43.0	42.2	41.2	39.2	37.3	35.4	33.5	30.0	26.6	23.3	20.5
-85°	21.8	21.1	20.5	20.2	19.8	19.3	18.8	16.8	14.9	13.1	11.5
-87.5°	6.3	6.3	6.3	6.3	6.4	6.5	6.5	6.0	5.5	5.0	4.6
-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: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
65°	0.5	0.5	0.5	0.7	0.7	0.5	0.5	0.9	0.8	0.7	0.5
62.5°	0.9	0.5	1.2	1.7	1.1	0.9	0.7	2.0	1.3	0.9	0.7
60°	2.1	1.7	3.3	5.0	3.6	1.4	2.1	3.3	3.1	1.1	0.9
57.5°	10.7	4.9	7.2	9.4	9.0	5.1	4.1	5.7	5.2	3.0	1.2
55°	22.2	18.9	15.0	14.9	15.1	12.0	8.6	8.8	7.8	5.5	1.8
52.5°	33.8	32.8	29.2	23.7	21.8	19.7	16.2	12.5	11.6	8.3	4.4
50°	48.2	45.6	42.7	37.2	30.1	27.4	23.7	19.0	15.7	11.5	7.2
47.5°	64.7	60.1	55.8	50.4	42.7	35.4	31.3	25.8	20.3	15.8	10.1
45°	90.3	75.4	69.6	63.4	55.5	46.4	39.3	32.6	26.4	20.2	13.0
42.5°	116.7	96.0	83.8	76.8	68.5	58.3	47.5	40.0	32.3	24.5	16.4
40°	143.3	117.6	99.2	90.4	82.0	70.1	58.1	47.8	38.1	29.0	20.1
37.5°	171.9	141.8	116.9	104.6	95.7	82.9	68.8	55.7	44.1	33.9	23.8
35°	207.6	170.5	136.1	121.0	109.0	95.9	79.4	64.3	51.2	38.8	27.5
32.5°	247.8	202.1	163.7	138.8	122.6	109.1	90.6	74.0	58.5	43.6	31.0
30°	287.7	234.7	189.9	156.5	137.0	121.5	102.7	83.8	65.9	48.5	34.7
27.5°	318.2	262.9	214.4	177.7	152.9	133.9	114.7	93.6	73.5	53.9	38.7
25°	349.3	288.9	238.2	198.5	168.5	146.5	126.2	103.5	81.6	60.1	42.6
22.5°	385.7	313.6	258.3	217.3	185.0	159.3	137.2	113.5	89.7	66.2	46.4
20°	421.2	336.5	276.7	239.2	203.1	173.5	148.0	122.9	97.7	72.2	50.0
17.5°	457.6	368.5	307.4	261.9	221.8	187.6	158.6	132.0	105.5	78.0	53.5
15°	512.6	411.3	338.3	284.4	239.9	201.4	169.1	140.4	113.0	83.7	56.7
12.5°	564.4	451.6	368.3	306.2	257.2	214.8	179.2	148.4	120.1	88.4	59.3
10°	610.2	489.1	397.0	327.4	273.7	227.7	188.9	154.6	124.3	92.2	61.6
7.5°	650.0	523.6	424.1	347.5	287.7	236.4	193.8	157.9	127.6	95.5	63.7
5°	680.5	547.0	439.0	355.5	293.0	240.4	197.3	160.6	130.1	98.3	65.5
2.5°	690.5	554.8	444.9	360.0	296.8	243.2	200.0	162.6	132.1	100.6	66.9
0°	695.2	558.6	447.9	362.6	299.2	245.0	201.9	164.0	133.4	102.4	68.1
-2.5°	700.3	563.7	452.1	366.6	301.7	247.4	203.9	166.2	135.3	104.4	70.1
-5°	699.9	564.7	453.5	368.6	302.7	248.7	205.0	167.7	136.7	105.9	71.7
-7.5°	692.5	560.3	451.8	368.2	302.1	248.8	205.4	168.6	137.5	106.8	73.0
-10°	679.3	551.2	446.7	364.9	300.1	247.7	204.9	168.9	137.9	107.2	73.9
-12.5°	660.7	538.2	438.5	359.5	296.6	245.4	203.4	168.1	137.7	107.0	74.4
-15°	636.7	521.6	427.2	351.9	291.4	242.0	201.0	166.4	136.5	106.3	74.5
-17.5°	607.7	501.4	412.7	342.3	284.7	237.4	197.7	164.2	134.9	104.9	74.4
-20°	580.9	480.1	396.1	330.6	276.3	231.7	193.5	161.3	132.8	103.2	74.0

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Scaled Data Report



REPORT NUMBER: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	550.8	458.0	381.3	319.4	267.5	224.9	188.3	157.8	130.4	101.1	73.4
-25°	516.5	432.9	364.5	306.9	258.9	218.4	183.1	153.7	127.6	98.8	72.4
-27.5°	484.1	407.1	345.6	292.6	249.0	210.9	177.9	149.9	124.4	96.2	71.1
-30°	451.2	384.6	327.5	277.5	238.0	202.6	172.0	145.8	120.8	94.0	69.5
-32.5°	417.7	360.1	308.1	264.5	227.4	193.6	165.6	141.4	117.0	91.7	68.2
-35°	388.8	335.9	287.3	250.4	216.5	185.9	159.2	136.8	113.2	89.2	66.8
-37.5°	358.2	311.4	271.0	236.5	204.9	177.6	153.1	131.3	109.2	86.4	65.1
-40°	330.7	288.6	253.5	223.0	194.4	168.5	146.2	125.5	105.4	83.2	63.1
-42.5°	302.8	267.8	236.5	208.5	183.8	160.2	138.8	119.3	100.6	80.4	60.8
-45°	278.3	246.5	218.9	195.3	172.8	151.2	131.6	112.9	95.4	77.4	58.4
-47.5°	253.0	226.1	202.5	181.6	161.9	141.8	123.9	106.9	90.0	74.1	55.9
-50°	229.4	206.6	187.0	168.3	149.9	133.1	116.3	100.8	85.1	69.7	53.2
-52.5°	208.4	189.4	171.9	154.9	139.2	124.0	109.4	94.5	80.0	65.4	50.1
-55°	189.9	172.9	157.2	142.5	128.4	115.8	102.4	88.6	74.7	60.9	46.8
-57.5°	172.1	156.8	143.5	130.4	118.4	107.5	95.6	82.5	69.3	56.2	43.9
-60°	154.2	142.0	130.1	119.1	108.7	98.8	88.7	76.2	63.7	51.4	40.4
-62.5°	137.2	126.9	117.7	108.1	98.5	89.8	81.6	69.7	57.9	46.6	36.6
-65°	120.4	112.5	105.1	96.0	87.7	80.4	73.6	62.9	51.8	41.5	32.5
-67.5°	103.7	97.3	90.7	83.3	77.1	71.1	65.1	55.5	45.3	36.2	28.4
-70°	87.0	81.5	76.7	72.0	66.9	61.7	55.7	47.4	38.6	31.1	24.1
-72.5°	70.5	67.1	64.3	60.9	56.6	51.7	46.1	39.4	32.5	25.9	19.8
-75°	54.3	53.6	52.7	50.6	46.5	41.8	37.3	32.1	26.2	20.6	16.1
-77.5°	42.8	42.5	41.9	40.4	36.8	33.0	29.0	24.7	20.2	16.3	12.7
-80°	31.7	31.6	31.4	30.5	27.4	24.2	21.4	18.6	15.3	12.1	9.1
-82.5°	20.8	21.1	21.3	21.0	18.9	16.8	14.9	12.9	10.3	7.9	6.1
-85°	11.9	12.1	12.2	12.0	10.7	9.5	8.7	7.8	6.5	5.2	4.1
-87.5°	4.9	5.2	5.4	5.6	5.2	4.7	4.3	3.9	3.2	2.6	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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1121 Highway 74 South  
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Scaled Data Report



REPORT NUMBER: P626792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
75°	0.5	0.5	0.5	0.4	0.3	0.1	0.0
72.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
70°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.5	0.4	0.2	0.0
65°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.5	0.5	0.5	0.2	0.0
60°	0.8	0.8	0.5	0.5	0.5	0.2	0.0
57.5°	1.3	0.9	0.6	0.5	0.5	0.3	0.0
55°	1.9	1.1	0.8	0.5	0.5	0.3	0.0
52.5°	2.7	1.3	0.9	0.5	0.5	0.3	0.0
50°	3.6	2.1	1.1	0.5	0.5	0.3	0.0
47.5°	4.7	3.0	1.2	0.5	0.5	0.3	0.0
45°	7.2	3.9	1.4	0.7	0.5	0.4	0.0
42.5°	9.7	4.8	1.6	0.8	0.6	0.4	0.0
40°	12.2	5.9	2.1	1.0	0.6	0.4	0.0
37.5°	14.7	6.9	2.9	1.2	0.6	0.4	0.0
35°	17.1	8.6	3.7	1.4	0.6	0.4	0.0
32.5°	19.7	10.5	4.5	1.6	0.6	0.4	0.0
30°	22.6	12.4	5.3	1.8	0.6	0.4	0.0
27.5°	25.4	14.2	6.2	2.1	0.7	0.4	0.0
25°	28.1	16.0	7.1	2.4	0.7	0.5	0.0
22.5°	30.7	17.7	8.1	2.7	0.7	0.5	0.0
20°	33.2	19.4	8.9	2.9	0.7	0.5	0.0
17.5°	35.4	20.9	9.8	3.2	0.8	0.5	0.0
15°	37.5	22.4	10.6	3.5	0.8	0.5	0.0
12.5°	39.5	23.7	11.4	3.8	0.8	0.5	0.0
10°	41.2	25.0	12.1	4.1	0.8	0.5	0.0
7.5°	42.8	26.1	12.8	4.4	0.8	0.5	0.0
5°	44.2	27.1	13.4	4.6	0.9	0.5	0.0
2.5°	45.3	28.0	13.9	4.9	0.9	0.5	0.0
0°	46.3	28.7	14.4	5.1	0.9	0.5	0.0
-2.5°	47.6	29.6	15.1	5.4	1.0	0.5	0.0
-5°	48.6	30.4	15.6	5.7	1.2	0.6	0.0
-7.5°	49.4	31.0	16.1	6.0	1.3	0.6	0.0
-10°	50.0	31.4	16.5	6.2	1.5	0.6	0.0
-12.5°	50.4	31.7	16.8	6.4	1.6	0.6	0.0
-15°	50.5	31.9	17.0	6.6	1.7	0.7	0.0
-17.5°	50.3	31.9	17.1	6.7	1.8	0.7	0.0
-20°	50.2	31.7	17.1	6.8	1.9	0.7	0.0

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CATALOG NUMBER: GFLD-SA1E-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.2	31.3	16.9	6.8	2.0	0.7	0.0
-25°	50.0	31.2	16.7	6.8	2.1	0.7	0.0
-27.5°	49.5	31.1	16.3	6.8	2.1	0.7	0.0
-30°	48.8	30.8	15.8	6.7	2.2	0.7	0.0
-32.5°	47.8	30.2	15.6	6.6	2.2	0.7	0.0
-35°	46.9	29.5	15.3	6.4	2.3	0.7	0.0
-37.5°	45.8	28.7	14.8	6.1	2.3	0.7	0.0
-40°	44.5	28.0	14.3	5.8	2.3	0.7	0.0
-42.5°	42.9	27.1	13.8	5.6	2.2	0.7	0.0
-45°	41.1	26.1	13.6	5.4	2.2	0.7	0.0
-47.5°	39.0	24.9	13.2	5.1	2.2	0.7	0.0
-50°	37.2	23.5	12.6	5.0	2.1	0.7	0.0
-52.5°	35.2	21.9	11.9	4.9	2.0	0.6	0.0
-55°	33.1	20.6	11.1	4.8	1.9	0.6	0.0
-57.5°	30.7	19.2	10.1	4.6	1.8	0.6	0.0
-60°	28.2	17.6	9.1	4.4	1.7	0.6	0.0
-62.5°	25.7	15.8	8.5	4.0	1.6	0.5	0.0
-65°	23.0	13.9	7.7	3.7	1.5	0.5	0.0
-67.5°	20.0	12.2	6.9	3.3	1.4	0.4	0.0
-70°	16.9	10.7	6.0	2.8	1.2	0.4	0.0
-72.5°	14.4	9.1	5.1	2.5	1.1	0.4	0.0
-75°	11.8	7.3	4.0	2.2	1.0	0.3	0.0
-77.5°	9.1	5.5	3.3	1.8	0.8	0.3	0.0
-80°	6.3	4.2	2.7	1.5	0.7	0.2	0.0
-82.5°	4.6	3.2	2.0	1.1	0.5	0.2	0.0
-85°	3.1	2.1	1.4	0.8	0.3	0.1	0.0
-87.5°	1.6	1.1	0.7	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)