

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: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626682 (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-SA1C-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

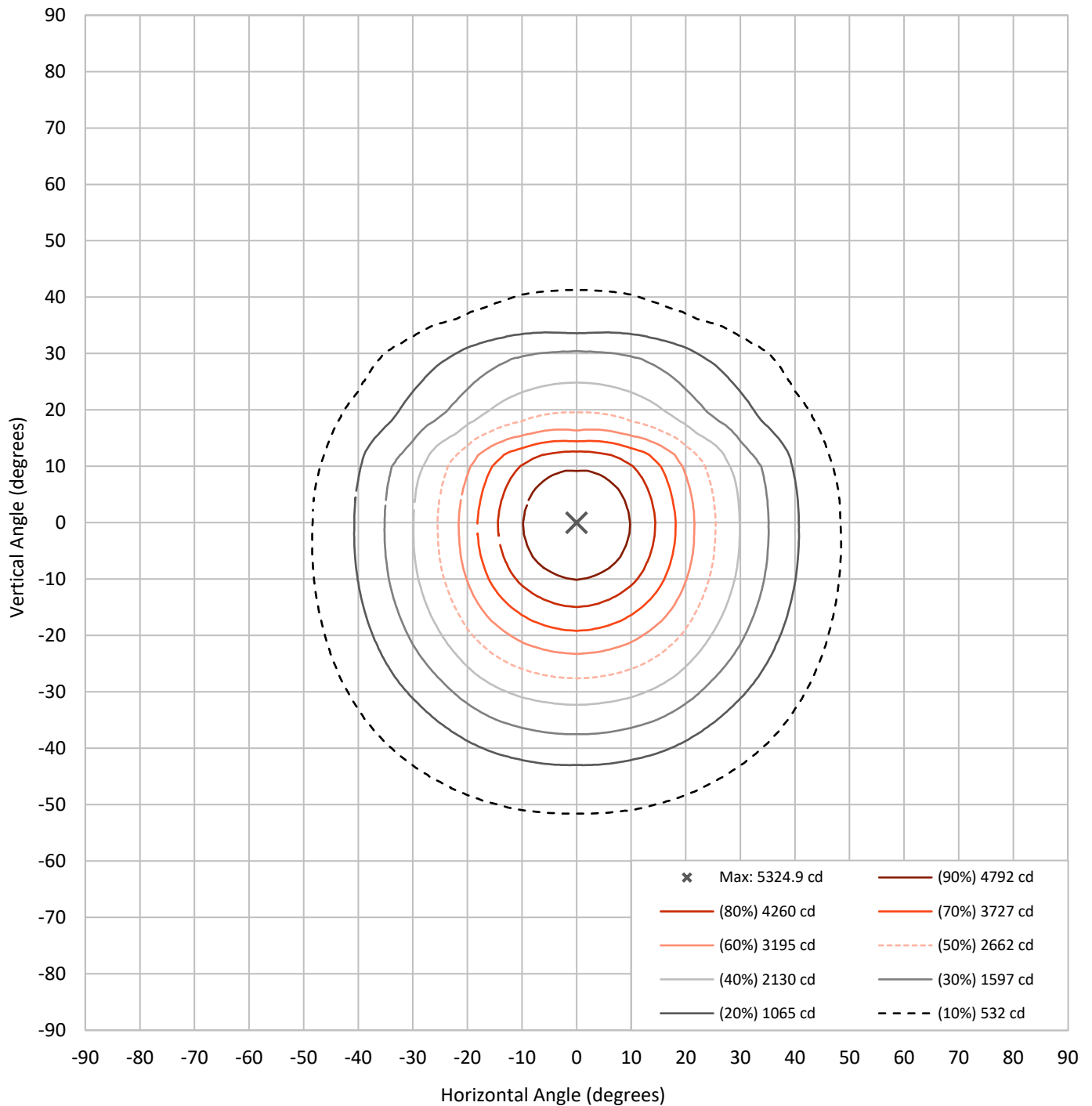
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4697.7 lumens	Max Intensity:	5324.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.0 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:	2261.7 lumens	Field Lumens:	4206 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	43.5		
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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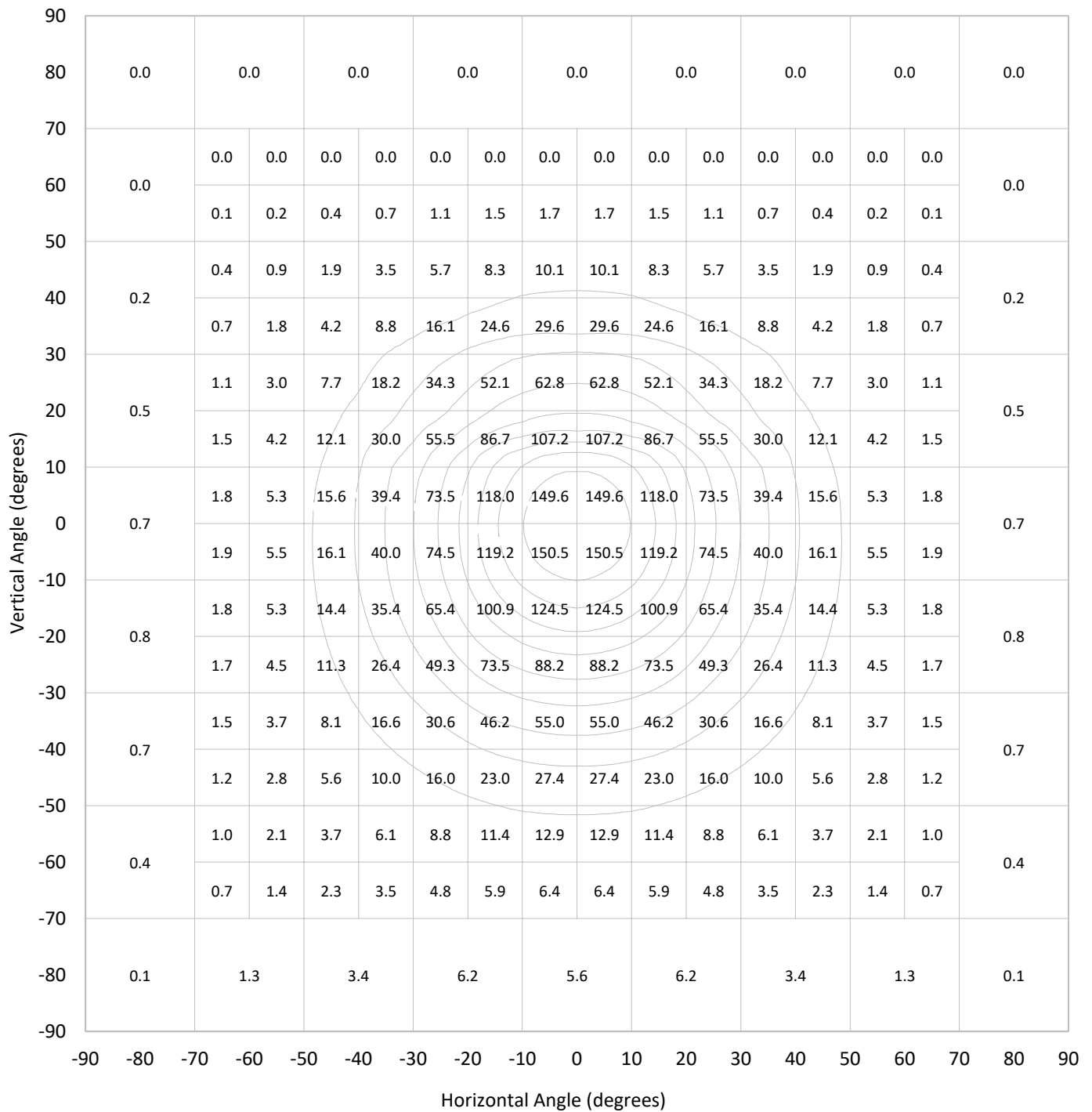
### Iso-Candela Plot





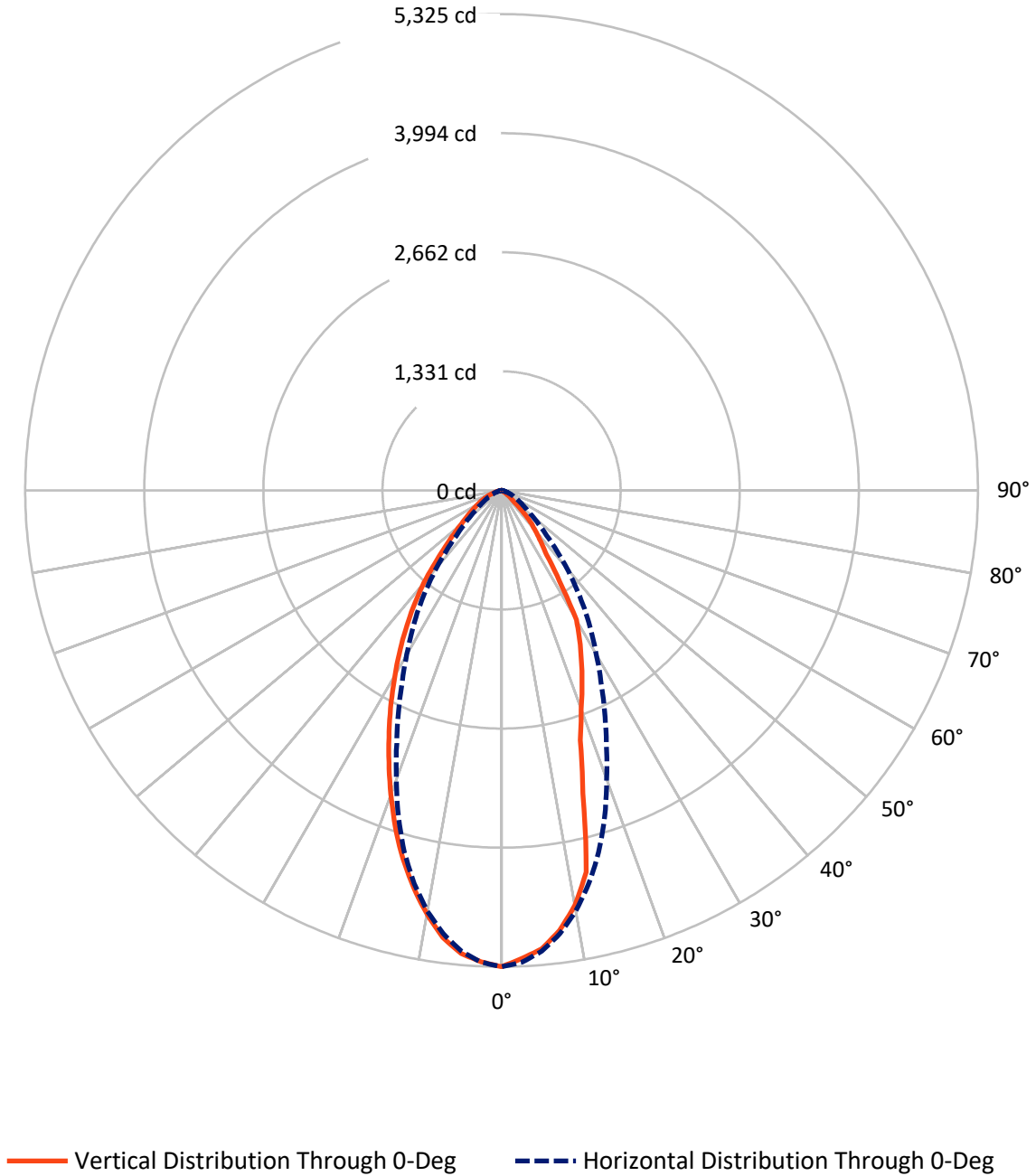
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### Lumen Table



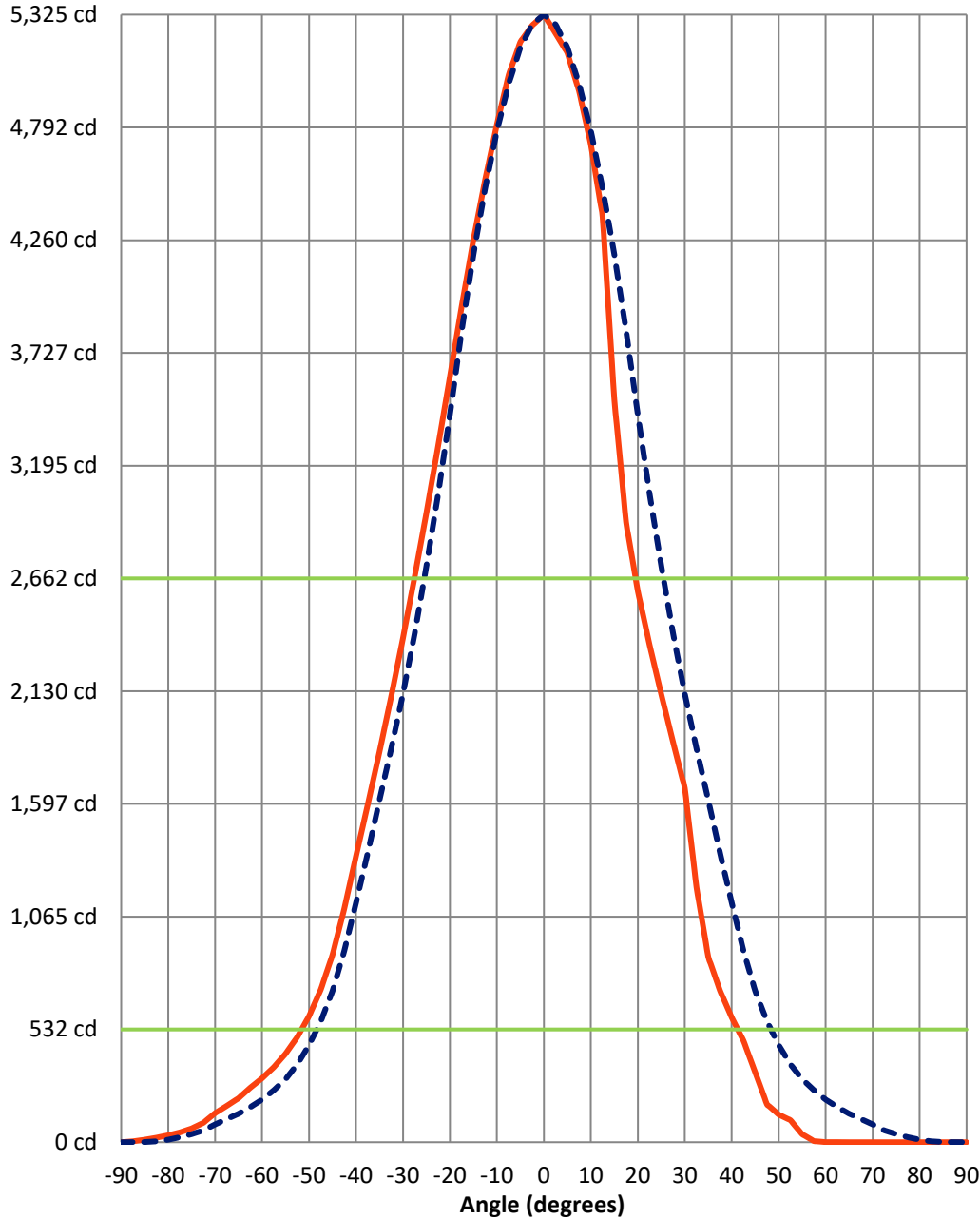
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 50.9°  
V Angle: 47.1°  
Lumens: 2261.7  
Efficiency: 48.1%

**Field:**  
H Angle: 96.7°  
V Angle: 92.9°  
Lumens: 4206  
Efficiency: 89.5%

**Spill:**  
Lumens: 491.7  
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	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.6	0.6	0.7
62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.7	1.0	1.6
60°	0.0	0.2	0.4	0.4	0.4	0.6	0.6	0.7	0.9	2.5	2.7
57.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.0	2.5	4.2	4.7
55°	0.0	0.2	0.4	0.4	0.6	0.8	1.6	1.4	4.5	6.4	7.2
52.5°	0.0	0.2	0.4	0.4	0.7	1.1	2.2	3.5	6.8	9.5	10.2
50°	0.0	0.3	0.4	0.4	0.9	1.7	2.9	5.9	9.5	12.9	15.6
47.5°	0.0	0.3	0.4	0.4	1.0	2.4	3.8	8.2	13.0	16.7	21.2
45°	0.0	0.3	0.4	0.5	1.1	3.1	5.9	10.6	16.5	21.6	26.7
42.5°	0.0	0.3	0.5	0.6	1.3	3.9	8.0	13.4	20.1	26.5	32.9
40°	0.0	0.3	0.5	0.8	1.6	4.8	10.0	16.5	23.8	31.3	39.2
37.5°	0.0	0.3	0.5	0.9	2.3	5.6	12.0	19.5	27.8	36.2	45.8
35°	0.0	0.3	0.5	1.1	3.0	7.0	14.0	22.5	31.8	42.0	52.8
32.5°	0.0	0.3	0.5	1.3	3.6	8.6	16.1	25.5	35.8	48.0	60.8
30°	0.0	0.3	0.5	1.5	4.3	10.1	18.5	28.5	39.9	54.2	68.9
27.5°	0.0	0.4	0.6	1.7	5.1	11.6	20.8	31.8	44.3	60.4	76.9
25°	0.0	0.4	0.6	1.9	5.8	13.1	23.1	35.0	49.3	67.0	85.0
22.5°	0.0	0.4	0.6	2.2	6.6	14.5	25.2	38.1	54.4	73.7	93.2
20°	0.0	0.4	0.6	2.4	7.3	15.9	27.2	41.1	59.3	80.3	101.0
17.5°	0.0	0.4	0.7	2.6	8.0	17.2	29.1	44.0	64.1	86.7	108.4
15°	0.0	0.4	0.7	2.9	8.7	18.4	30.8	46.6	68.7	92.8	115.3
12.5°	0.0	0.4	0.7	3.1	9.3	19.5	32.4	48.7	72.6	98.7	121.8
10°	0.0	0.4	0.7	3.4	9.9	20.5	33.8	50.6	75.7	102.1	127.0
7.5°	0.0	0.4	0.7	3.6	10.4	21.4	35.1	52.3	78.4	104.8	129.6
5°	0.0	0.4	0.8	3.8	10.9	22.3	36.2	53.7	80.7	106.8	131.8
2.5°	0.0	0.4	0.8	4.0	11.4	23.0	37.2	54.9	82.6	108.4	133.5
0°	0.0	0.4	0.8	4.2	11.8	23.6	38.0	55.9	84.1	109.5	134.6
-2.5°	0.0	0.4	0.9	4.5	12.3	24.3	39.0	57.5	85.7	111.1	136.4
-5°	0.0	0.4	1.0	4.7	12.8	25.0	39.9	58.8	86.9	112.2	137.7
-7.5°	0.0	0.5	1.1	4.9	13.2	25.5	40.6	59.9	87.7	113.0	138.4
-10°	0.0	0.5	1.2	5.1	13.6	25.8	41.1	60.7	88.0	113.2	138.7
-12.5°	0.0	0.5	1.3	5.3	13.8	26.1	41.4	61.1	87.9	113.1	138.0
-15°	0.0	0.5	1.4	5.4	14.0	26.2	41.5	61.2	87.2	112.1	136.7
-17.5°	0.0	0.5	1.5	5.5	14.1	26.2	41.3	61.1	86.1	110.7	134.8
-20°	0.0	0.6	1.6	5.6	14.0	26.0	41.2	60.8	84.7	109.1	132.5

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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	0.6	1.6	5.6	13.9	25.8	41.2	60.2	83.0	107.1	129.6
-25°	0.0	0.6	1.7	5.6	13.7	25.7	41.1	59.4	81.1	104.8	126.2
-27.5°	0.0	0.6	1.8	5.6	13.4	25.6	40.7	58.4	79.0	102.2	123.1
-30°	0.0	0.6	1.8	5.5	13.0	25.3	40.1	57.1	77.1	99.2	119.7
-32.5°	0.0	0.6	1.8	5.4	12.9	24.9	39.3	56.0	75.3	96.1	116.1
-35°	0.0	0.6	1.8	5.2	12.6	24.3	38.5	54.9	73.2	92.9	112.3
-37.5°	0.0	0.6	1.8	5.0	12.2	23.6	37.6	53.4	70.9	89.6	107.9
-40°	0.0	0.6	1.8	4.8	11.7	23.0	36.6	51.8	68.3	86.5	103.1
-42.5°	0.0	0.6	1.8	4.5	11.4	22.3	35.3	49.9	66.0	82.5	98.0
-45°	0.0	0.6	1.8	4.4	11.1	21.4	33.8	48.0	63.5	78.3	92.6
-47.5°	0.0	0.5	1.7	4.1	10.8	20.4	32.0	45.9	60.8	73.9	87.8
-50°	0.0	0.5	1.7	4.1	10.3	19.3	30.5	43.7	57.3	69.9	82.7
-52.5°	0.0	0.5	1.6	4.0	9.8	18.0	28.9	41.1	53.7	65.7	77.6
-55°	0.0	0.5	1.5	3.9	9.1	16.9	27.2	38.4	50.0	61.3	72.8
-57.5°	0.0	0.5	1.5	3.7	8.3	15.8	25.2	36.1	46.1	56.9	67.8
-60°	0.0	0.4	1.4	3.5	7.5	14.5	23.1	33.2	42.2	52.3	62.6
-62.5°	0.0	0.4	1.3	3.3	6.9	13.0	21.1	30.0	38.3	47.5	57.2
-65°	0.0	0.4	1.2	3.0	6.3	11.4	18.9	26.7	34.1	42.5	51.7
-67.5°	0.0	0.3	1.1	2.7	5.7	10.0	16.5	23.3	29.7	37.2	45.5
-70°	0.0	0.3	1.0	2.3	4.9	8.8	13.9	19.8	25.6	31.6	38.9
-72.5°	0.0	0.3	0.9	2.0	4.1	7.4	11.8	16.3	21.3	26.6	32.3
-75°	0.0	0.2	0.8	1.8	3.3	6.0	9.7	13.2	16.9	21.5	26.3
-77.5°	0.0	0.2	0.6	1.5	2.7	4.5	7.4	10.4	13.4	16.6	20.3
-80°	0.0	0.2	0.5	1.2	2.2	3.4	5.1	7.5	10.0	12.6	15.3
-82.5°	0.0	0.1	0.4	0.9	1.6	2.6	3.8	5.0	6.5	8.5	10.6
-85°	0.0	0.1	0.3	0.6	1.1	1.7	2.5	3.3	4.3	5.3	6.4
-87.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.3	1.7	2.1	2.6	3.2
-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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 CATALOG NUMBER: GFLD-SA1C-735-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	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
65°	0.4	0.4	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.7	0.9	1.3	1.0	0.4	0.8	0.9	0.6	0.5	0.5
60°	1.7	1.1	2.9	4.1	2.7	1.4	1.8	3.5	2.9	0.8	2.0
57.5°	3.3	4.1	7.4	7.8	6.0	4.0	8.8	9.8	8.1	5.1	7.3
55°	7.0	9.9	12.5	12.3	12.4	15.5	18.2	17.9	15.8	21.8	27.4
52.5°	13.3	16.2	17.9	19.5	24.0	26.9	27.7	29.4	35.6	43.0	44.4
50°	19.5	22.5	24.8	30.5	35.1	37.4	39.6	45.3	54.6	59.7	60.5
47.5°	25.7	29.1	35.1	41.4	45.8	49.3	53.1	66.0	76.4	80.8	82.4
45°	32.3	38.1	45.6	52.1	57.2	62.0	74.2	91.8	99.1	105.8	122.7
42.5°	39.1	47.9	56.3	63.1	68.8	78.8	95.8	112.9	123.4	137.6	158.0
40°	47.7	57.6	67.3	74.3	81.5	96.5	117.6	135.7	146.8	165.8	189.1
37.5°	56.5	68.1	78.6	85.9	96.0	116.4	141.2	162.8	176.7	192.1	229.5
35°	65.2	78.7	89.5	99.3	111.7	139.9	170.5	194.6	211.7	238.1	285.5
32.5°	74.5	89.6	100.7	114.0	134.4	166.0	203.5	230.2	258.6	296.6	372.4
30°	84.3	99.8	112.5	128.5	155.9	192.8	236.3	269.9	308.4	370.1	451.9
27.5°	94.2	109.9	125.6	145.9	176.1	215.9	261.3	314.3	364.0	433.1	522.4
25°	103.6	120.3	138.4	163.0	195.6	237.3	286.9	348.0	412.9	491.9	596.7
22.5°	112.6	130.8	152.0	178.5	212.1	257.6	316.7	388.5	466.5	548.3	668.9
20°	121.5	142.5	166.8	196.5	227.3	276.3	345.9	432.8	530.5	642.7	760.8
17.5°	130.3	154.1	182.1	215.1	252.5	302.6	375.8	479.3	598.2	744.2	889.7
15°	138.8	165.4	197.0	233.5	277.8	337.8	421.0	534.6	678.4	853.2	1025.5
12.5°	147.2	176.4	211.2	251.5	302.5	370.9	463.5	586.1	750.8	959.6	1171.3
10°	155.1	187.0	224.7	268.9	326.0	401.7	501.1	630.7	805.5	1020.7	1256.1
7.5°	159.2	194.2	236.3	285.4	348.3	430.0	533.8	668.3	848.2	1069.8	1305.8
5°	162.1	197.4	240.6	292.0	360.5	449.2	558.8	699.1	879.7	1106.7	1339.5
2.5°	164.3	199.8	243.7	295.7	365.3	455.6	567.1	709.8	896.6	1126.0	1359.1
0°	165.8	201.2	245.7	297.8	367.8	458.7	570.9	714.3	903.7	1130.4	1366.2
-2.5°	167.4	203.2	247.8	301.1	371.3	462.9	575.1	717.4	909.1	1131.6	1370.1
-5°	168.4	204.2	248.6	302.7	372.4	463.7	574.8	714.4	904.8	1122.8	1361.7
-7.5°	168.6	204.4	248.1	302.4	371.0	460.1	568.8	705.5	890.1	1104.8	1341.1
-10°	168.2	203.5	246.5	299.7	366.8	452.7	557.9	690.1	865.8	1075.1	1306.4
-12.5°	167.0	201.6	243.6	295.2	360.1	442.0	542.6	668.1	832.1	1033.8	1257.4
-15°	165.0	198.7	239.3	289.0	350.8	428.4	522.9	639.5	788.8	981.4	1196.4
-17.5°	162.3	195.0	233.8	281.1	338.9	411.7	499.1	606.0	742.0	922.9	1128.6
-20°	158.8	190.3	226.9	271.5	325.2	394.3	477.0	576.4	698.3	855.9	1048.6

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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°	154.6	184.7	219.7	262.3	313.1	376.1	452.4	542.7	649.2	778.5	961.2
-25°	150.3	179.3	212.6	252.1	299.3	355.5	424.1	506.5	602.9	721.2	872.3
-27.5°	146.0	173.2	204.4	240.3	283.8	334.3	397.6	472.7	558.6	659.1	782.3
-30°	141.2	166.3	195.4	227.9	268.9	315.8	370.5	434.8	511.2	602.1	709.1
-32.5°	135.9	158.9	186.7	217.2	253.0	295.6	343.0	401.2	467.6	542.6	635.1
-35°	130.7	152.6	177.8	205.6	235.9	275.8	319.3	367.6	424.1	490.5	564.5
-37.5°	125.7	145.8	168.2	194.2	222.5	255.8	294.1	337.7	386.4	439.2	503.1
-40°	120.1	138.4	159.6	183.1	208.2	237.0	271.6	308.6	350.4	396.9	446.3
-42.5°	114.0	131.6	150.9	171.2	194.2	219.9	248.7	282.5	317.2	356.2	399.3
-45°	108.0	124.2	141.9	160.4	179.8	202.5	228.6	256.7	287.5	319.3	355.5
-47.5°	101.7	116.5	133.0	149.1	166.2	185.6	207.8	233.3	259.1	287.3	315.4
-50°	95.4	109.3	123.2	138.2	153.5	169.7	188.4	210.4	233.9	257.3	282.0
-52.5°	89.8	101.8	114.3	127.2	141.2	155.5	171.1	189.3	209.8	230.5	251.8
-55°	84.1	95.1	105.4	117.0	129.1	142.0	155.9	171.2	186.7	205.5	223.8
-57.5°	78.5	88.2	97.2	107.1	117.9	128.9	141.4	154.3	168.4	182.6	197.6
-60°	72.8	81.1	89.3	97.8	106.8	116.6	126.7	138.1	150.1	162.5	175.5
-62.5°	67.0	73.7	80.9	88.7	96.6	104.1	112.6	122.0	131.9	142.5	153.5
-65°	60.5	66.1	72.1	78.8	86.3	92.4	98.8	105.9	114.1	122.8	131.4
-67.5°	53.5	58.4	63.3	68.4	74.4	79.9	85.2	90.8	96.9	104.1	111.0
-70°	45.7	50.7	55.0	59.2	63.0	66.9	71.4	75.8	80.7	87.2	93.5
-72.5°	37.8	42.4	46.5	50.1	52.8	55.1	57.9	61.1	65.8	71.8	77.3
-75°	30.6	34.3	38.1	41.6	43.3	44.0	44.6	46.3	51.1	57.2	62.6
-77.5°	23.8	27.1	30.2	33.2	34.4	34.9	35.1	35.1	38.6	43.8	49.3
-80°	17.5	19.8	22.4	25.0	25.7	26.0	26.0	25.9	28.7	32.5	36.5
-82.5°	12.2	13.8	15.5	17.2	17.4	17.3	17.1	16.8	19.2	21.9	24.6
-85°	7.1	7.8	8.8	9.9	10.0	9.9	9.7	9.4	10.7	12.2	13.8
-87.5°	3.6	3.9	4.2	4.6	4.5	4.3	4.0	3.8	4.1	4.5	4.9
-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: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
60°	2.2	1.2	1.3	1.6	1.4	0.6	1.3	1.6	1.5	1.1	1.0
57.5°	10.9	9.2	6.4	10.7	11.0	7.7	8.3	10.9	10.5	8.1	8.1
55°	27.5	27.9	29.9	32.6	34.7	35.6	36.4	40.5	44.9	49.2	51.3
52.5°	45.4	50.7	57.4	61.8	64.8	71.1	79.9	83.9	87.8	92.2	95.4
50°	66.9	76.2	82.8	83.7	94.2	101.0	102.5	110.1	118.3	123.5	127.1
47.5°	99.6	111.2	117.0	120.7	133.4	147.3	147.3	151.7	172.3	183.1	188.2
45°	143.4	153.1	163.4	190.0	214.4	222.1	238.7	261.2	275.8	295.9	318.0
42.5°	180.8	199.0	224.6	253.9	278.4	298.8	323.4	350.4	382.9	413.4	439.7
40°	217.7	240.3	272.0	303.8	334.7	363.0	402.7	437.4	475.7	517.7	552.7
37.5°	265.9	294.8	327.6	367.8	415.8	447.1	501.8	551.7	594.8	645.5	676.8
35°	339.9	377.7	406.7	487.8	546.2	582.9	647.6	729.6	761.2	825.0	855.3
32.5°	433.0	483.2	559.6	667.0	745.0	812.5	909.2	992.5	1063.5	1127.6	1194.3
30°	537.6	615.0	727.6	870.4	949.6	1044.2	1175.0	1273.7	1385.0	1507.2	1550.0
27.5°	632.5	748.5	879.3	994.9	1108.7	1226.5	1355.0	1481.8	1602.2	1703.9	1772.1
25°	720.5	861.0	988.1	1111.6	1234.9	1367.6	1512.9	1656.7	1789.3	1893.9	1973.4
22.5°	811.2	959.6	1095.6	1221.0	1364.4	1514.7	1669.3	1834.2	1985.1	2093.6	2180.2
20°	896.5	1061.6	1216.7	1359.4	1495.0	1668.5	1846.5	2021.5	2185.8	2315.0	2414.9
17.5°	1031.9	1175.2	1364.8	1550.2	1702.9	1862.4	2100.2	2280.8	2463.1	2617.9	2723.8
15°	1198.2	1355.8	1551.5	1806.2	2015.4	2198.1	2443.8	2737.6	2952.6	3150.2	3285.8
12.5°	1364.7	1542.9	1754.6	2041.2	2339.0	2554.2	2852.3	3224.7	3475.1	3781.0	3931.8
10°	1492.2	1716.1	1934.1	2195.6	2481.7	2788.1	3109.4	3457.7	3792.3	4055.0	4289.9
7.5°	1543.6	1782.0	2034.4	2301.3	2587.3	2903.5	3246.0	3608.4	3952.8	4246.2	4504.3
5°	1582.0	1826.3	2080.3	2353.2	2659.0	2989.1	3336.7	3717.2	4068.9	4383.4	4647.5
2.5°	1606.3	1853.0	2105.9	2383.4	2705.0	3044.9	3403.7	3794.3	4151.3	4475.0	4738.2
0°	1615.7	1858.8	2117.8	2403.4	2721.8	3062.6	3436.8	3832.0	4191.8	4504.9	4775.7
-2.5°	1617.0	1853.4	2118.5	2402.8	2707.4	3051.4	3430.2	3822.0	4174.6	4486.3	4759.6
-5°	1604.3	1840.6	2106.0	2385.9	2691.0	3032.4	3394.9	3773.6	4109.8	4413.2	4676.3
-7.5°	1578.6	1814.2	2073.8	2347.3	2644.1	2975.2	3323.4	3675.5	4005.3	4296.3	4547.4
-10°	1540.4	1771.1	2021.6	2288.2	2569.0	2883.9	3215.9	3552.4	3861.7	4130.8	4362.9
-12.5°	1488.7	1714.1	1953.3	2207.8	2469.1	2769.4	3082.9	3398.9	3680.8	3926.5	4134.7
-15°	1421.5	1641.6	1873.4	2114.0	2367.5	2639.0	2920.3	3210.1	3470.1	3688.0	3878.3
-17.5°	1342.5	1555.9	1775.9	1999.0	2239.6	2494.4	2755.5	3015.6	3237.4	3430.9	3604.9
-20°	1254.3	1459.9	1668.9	1876.9	2095.1	2330.8	2571.9	2800.4	2994.3	3170.1	3329.3



REPORT NUMBER: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	1155.4	1352.3	1552.6	1747.2	1944.0	2157.3	2372.7	2579.3	2760.6	2911.1	3049.5
-25°	1049.6	1231.5	1420.6	1603.1	1784.2	1975.4	2171.1	2361.2	2520.7	2651.3	2765.6
-27.5°	942.9	1109.2	1275.8	1447.6	1615.0	1791.4	1968.6	2132.8	2276.0	2396.3	2492.3
-30°	830.8	979.4	1131.6	1287.0	1446.9	1608.4	1768.4	1912.2	2037.2	2143.0	2226.0
-32.5°	737.6	850.5	984.9	1126.0	1275.9	1423.0	1562.2	1693.3	1811.1	1903.4	1973.8
-35°	648.4	743.9	844.6	969.5	1098.2	1233.6	1361.7	1478.6	1583.7	1664.4	1730.6
-37.5°	571.6	647.2	732.3	821.5	929.4	1041.3	1156.9	1266.9	1360.6	1431.0	1490.1
-40°	505.2	564.8	632.8	703.5	783.0	863.4	964.0	1056.8	1133.3	1199.1	1252.7
-42.5°	445.1	495.5	545.6	603.6	663.6	728.2	798.8	867.5	926.1	981.2	1026.8
-45°	393.2	433.5	473.5	518.3	562.2	614.8	665.3	710.3	757.8	799.1	831.5
-47.5°	347.9	379.3	413.6	447.1	482.4	522.0	559.5	593.8	628.6	658.8	683.0
-50°	307.6	333.6	361.6	388.0	416.5	445.5	473.2	500.5	526.9	549.9	567.7
-52.5°	272.3	295.1	316.9	337.9	360.6	382.0	402.1	424.6	445.3	463.3	475.6
-55°	242.3	260.9	278.7	296.3	313.5	329.7	345.7	363.2	379.1	393.5	402.6
-57.5°	214.1	229.9	245.1	259.4	273.0	285.9	299.4	312.8	325.1	335.9	343.0
-60°	188.5	201.4	214.5	226.1	237.1	247.4	258.8	269.5	279.5	287.8	292.7
-62.5°	164.9	176.5	186.2	195.4	204.8	214.0	222.1	230.0	237.7	244.2	248.4
-65°	140.3	150.1	158.4	165.8	172.5	179.7	186.6	192.8	198.4	202.6	205.2
-67.5°	118.4	125.6	132.2	138.1	144.0	149.8	155.1	159.9	164.0	166.9	168.9
-70°	99.3	104.8	110.2	115.5	120.9	125.4	129.2	132.7	135.9	137.3	137.9
-72.5°	82.5	87.4	92.1	96.9	101.3	104.8	107.6	110.2	112.5	110.5	107.0
-75°	67.3	71.6	76.0	80.2	84.1	86.8	88.9	90.8	92.6	88.2	82.2
-77.5°	54.8	58.6	61.9	65.1	68.3	70.1	71.4	72.7	74.0	69.1	63.0
-80°	40.7	43.7	46.5	49.3	51.9	53.0	53.6	54.0	54.2	50.0	45.2
-82.5°	27.4	29.0	30.6	32.2	33.9	34.7	35.3	35.8	36.1	33.2	29.9
-85°	15.4	15.9	16.2	16.6	16.8	17.4	17.9	18.4	18.8	17.4	15.9
-87.5°	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	4.9	4.7
-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: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
60°	0.8	0.5	0.4	0.4	0.4	0.5	0.8	1.0	1.1	1.5	1.6
57.5°	7.6	6.6	5.9	5.3	5.9	6.6	7.6	8.1	8.1	10.5	10.9
55°	50.4	46.9	42.7	37.7	42.7	46.9	50.4	51.3	49.2	44.9	40.5
52.5°	98.8	102.1	104.0	103.8	104.0	102.1	98.8	95.4	92.2	87.8	83.9
50°	130.1	131.9	132.0	130.5	132.0	131.9	130.1	127.1	123.5	118.3	110.1
47.5°	190.6	188.1	183.7	179.1	183.7	188.1	190.6	188.2	183.1	172.3	151.7
45°	332.5	340.6	340.1	329.8	340.1	340.6	332.5	318.0	295.9	275.8	261.2
42.5°	454.4	466.4	474.9	479.2	474.9	466.4	454.4	439.7	413.4	382.9	350.4
40°	572.4	584.0	589.1	588.8	589.1	584.0	572.4	552.7	517.7	475.7	437.4
37.5°	697.0	712.0	719.3	715.8	719.3	712.0	697.0	676.8	645.5	594.8	551.7
35°	868.4	882.4	882.7	875.6	882.7	882.4	868.4	855.3	825.0	761.2	729.6
32.5°	1247.2	1251.9	1215.8	1203.0	1215.8	1251.9	1247.2	1194.3	1127.6	1063.5	992.5
30°	1592.5	1625.8	1656.7	1672.4	1656.7	1625.8	1592.5	1550.0	1507.2	1385.0	1273.7
27.5°	1823.5	1863.6	1888.4	1890.0	1888.4	1863.6	1823.5	1772.1	1703.9	1602.2	1481.8
25°	2033.6	2078.4	2105.5	2114.7	2105.5	2078.4	2033.6	1973.4	1893.9	1789.3	1656.7
22.5°	2253.7	2306.5	2341.5	2348.7	2341.5	2306.5	2253.7	2180.2	2093.6	1985.1	1834.2
20°	2509.1	2570.6	2604.1	2602.7	2604.1	2570.6	2509.1	2414.9	2315.0	2185.8	2021.5
17.5°	2845.4	2911.3	2940.2	2927.6	2940.2	2911.3	2845.4	2723.8	2617.9	2463.1	2280.8
15°	3425.0	3562.8	3562.2	3507.2	3562.2	3562.8	3425.0	3285.8	3150.2	2952.6	2737.6
12.5°	4139.8	4242.6	4347.9	4370.6	4347.9	4242.6	4139.8	3931.8	3781.0	3475.1	3224.7
10°	4487.7	4624.1	4714.2	4711.8	4714.2	4624.1	4487.7	4289.9	4055.0	3792.3	3457.7
7.5°	4705.3	4856.1	4965.2	4962.8	4965.2	4856.1	4705.3	4504.3	4246.2	3952.8	3608.4
5°	4873.3	5040.5	5137.1	5144.2	5137.1	5040.5	4873.3	4647.5	4383.4	4068.9	3717.2
2.5°	4960.6	5135.0	5251.2	5235.9	5251.2	5135.0	4960.6	4738.2	4475.0	4151.3	3794.3
0°	4997.0	5169.7	5278.1	5324.9	5278.1	5169.7	4997.0	4775.7	4504.9	4191.8	3832.0
-2.5°	4981.1	5149.1	5268.9	5273.5	5268.9	5149.1	4981.1	4759.6	4486.3	4174.6	3822.0
-5°	4895.7	5073.1	5153.3	5196.0	5153.3	5073.1	4895.7	4676.3	4413.2	4109.8	3773.6
-7.5°	4758.1	4891.0	4993.0	5040.0	4993.0	4891.0	4758.1	4547.4	4296.3	4005.3	3675.5
-10°	4543.9	4681.4	4767.6	4806.5	4767.6	4681.4	4543.9	4362.9	4130.8	3861.7	3552.4
-12.5°	4306.6	4431.6	4513.5	4546.3	4513.5	4431.6	4306.6	4134.7	3926.5	3680.8	3398.9
-15°	4041.8	4155.3	4230.7	4262.2	4230.7	4155.3	4041.8	3878.3	3688.0	3470.1	3210.1
-17.5°	3750.4	3849.9	3925.0	3947.7	3925.0	3849.9	3750.4	3604.9	3430.9	3237.4	3015.6
-20°	3450.7	3540.7	3602.5	3616.0	3602.5	3540.7	3450.7	3329.3	3170.1	2994.3	2800.4



REPORT NUMBER: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	3148.8	3222.8	3273.1	3290.0	3273.1	3222.8	3148.8	3049.5	2911.1	2760.6	2579.3
-25°	2853.7	2917.6	2958.1	2973.2	2958.1	2917.6	2853.7	2765.6	2651.3	2520.7	2361.2
-27.5°	2569.9	2629.5	2666.6	2671.6	2666.6	2629.5	2569.9	2492.3	2396.3	2276.0	2132.8
-30°	2290.6	2339.8	2368.5	2380.6	2368.5	2339.8	2290.6	2226.0	2143.0	2037.2	1912.2
-32.5°	2029.6	2072.6	2098.3	2105.2	2098.3	2072.6	2029.6	1973.8	1903.4	1811.1	1693.3
-35°	1783.3	1823.0	1845.8	1843.9	1845.8	1823.0	1783.3	1730.6	1664.4	1583.7	1478.6
-37.5°	1539.0	1575.7	1596.4	1594.4	1596.4	1575.7	1539.0	1490.1	1431.0	1360.6	1266.9
-40°	1296.7	1328.4	1346.6	1351.0	1346.6	1328.4	1296.7	1252.7	1199.1	1133.3	1056.8
-42.5°	1064.6	1093.8	1108.3	1102.6	1108.3	1093.8	1064.6	1026.8	981.2	926.1	867.5
-45°	854.2	869.4	879.3	885.5	879.3	869.4	854.2	831.5	799.1	757.8	710.3
-47.5°	700.7	713.2	719.9	721.1	719.9	713.2	700.7	683.0	658.8	628.6	593.8
-50°	581.6	592.3	597.0	595.6	597.0	592.3	581.6	567.7	549.9	526.9	500.5
-52.5°	484.4	490.5	494.7	496.7	494.7	490.5	484.4	475.6	463.3	445.3	424.6
-55°	409.4	414.2	417.1	418.0	417.1	414.2	409.4	402.6	393.5	379.1	363.2
-57.5°	348.9	353.4	355.1	354.5	355.1	353.4	348.9	343.0	335.9	325.1	312.8
-60°	296.4	299.0	301.0	302.0	301.0	299.0	296.4	292.7	287.8	279.5	269.5
-62.5°	251.8	254.3	256.3	257.5	256.3	254.3	251.8	248.4	244.2	237.7	230.0
-65°	207.1	208.2	208.6	208.1	208.6	208.2	207.1	205.2	202.6	198.4	192.8
-67.5°	170.3	171.2	171.8	171.9	171.8	171.2	170.3	168.9	166.9	164.0	159.9
-70°	138.5	138.9	138.4	137.3	138.4	138.9	138.5	137.9	137.3	135.9	132.7
-72.5°	103.4	99.6	95.9	91.7	95.9	99.6	103.4	107.0	110.5	112.5	110.2
-75°	76.0	69.6	67.3	65.0	67.3	69.6	76.0	82.2	88.2	92.6	90.8
-77.5°	56.5	49.8	48.1	46.4	48.1	49.8	56.5	63.0	69.1	74.0	72.7
-80°	40.2	35.0	33.8	32.7	33.8	35.0	40.2	45.2	50.0	54.2	54.0
-82.5°	26.4	22.7	22.0	21.3	22.0	22.7	26.4	29.9	33.2	36.1	35.8
-85°	14.2	12.5	12.2	11.8	12.2	12.5	14.2	15.9	17.4	18.8	18.4
-87.5°	4.4	4.2	4.2	4.2	4.2	4.2	4.4	4.7	4.9	5.1	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-735-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	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4
67.5°	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
65°	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.9
60°	1.3	0.6	1.4	1.6	1.3	1.2	2.2	2.0	0.8	2.9	3.5
57.5°	8.3	7.7	11.0	10.7	6.4	9.2	10.9	7.3	5.1	8.1	9.8
55°	36.4	35.6	34.7	32.6	29.9	27.9	27.5	27.4	21.8	15.8	17.9
52.5°	79.9	71.1	64.8	61.8	57.4	50.7	45.4	44.4	43.0	35.6	29.4
50°	102.5	101.0	94.2	83.7	82.8	76.2	66.9	60.5	59.7	54.6	45.3
47.5°	147.3	147.3	133.4	120.7	117.0	111.2	99.6	82.4	80.8	76.4	66.0
45°	238.7	222.1	214.4	190.0	163.4	153.1	143.4	122.7	105.8	99.1	91.8
42.5°	323.4	298.8	278.4	253.9	224.6	199.0	180.8	158.0	137.6	123.4	112.9
40°	402.7	363.0	334.7	303.8	272.0	240.3	217.7	189.1	165.8	146.8	135.7
37.5°	501.8	447.1	415.8	367.8	327.6	294.8	265.9	229.5	192.1	176.7	162.8
35°	647.6	582.9	546.2	487.8	406.7	377.7	339.9	285.5	238.1	211.7	194.6
32.5°	909.2	812.5	745.0	667.0	559.6	483.2	433.0	372.4	296.6	258.6	230.2
30°	1175.0	1044.2	949.6	870.4	727.6	615.0	537.6	451.9	370.1	308.4	269.9
27.5°	1355.0	1226.5	1108.7	994.9	879.3	748.5	632.5	522.4	433.1	364.0	314.3
25°	1512.9	1367.6	1234.9	1111.6	988.1	861.0	720.5	596.7	491.9	412.9	348.0
22.5°	1669.3	1514.7	1364.4	1221.0	1095.6	959.6	811.2	668.9	548.3	466.5	388.5
20°	1846.5	1668.5	1495.0	1359.4	1216.7	1061.6	896.5	760.8	642.7	530.5	432.8
17.5°	2100.2	1862.4	1702.9	1550.2	1364.8	1175.2	1031.9	889.7	744.2	598.2	479.3
15°	2443.8	2198.1	2015.4	1806.2	1551.5	1355.8	1198.2	1025.5	853.2	678.4	534.6
12.5°	2852.3	2554.2	2339.0	2041.2	1754.6	1542.9	1364.7	1171.3	959.6	750.8	586.1
10°	3109.4	2788.1	2481.7	2195.6	1934.1	1716.1	1492.2	1256.1	1020.7	805.5	630.7
7.5°	3246.0	2903.5	2587.3	2301.3	2034.4	1782.0	1543.6	1305.8	1069.8	848.2	668.3
5°	3336.7	2989.1	2659.0	2353.2	2080.3	1826.3	1582.0	1339.5	1106.7	879.7	699.1
2.5°	3403.7	3044.9	2705.0	2383.4	2105.9	1853.0	1606.3	1359.1	1126.0	896.6	709.8
0°	3436.8	3062.6	2721.8	2403.4	2117.8	1858.8	1615.7	1366.2	1130.4	903.7	714.3
-2.5°	3430.2	3051.4	2707.4	2402.8	2118.5	1853.4	1617.0	1370.1	1131.6	909.1	717.4
-5°	3394.9	3032.4	2691.0	2385.9	2106.0	1840.6	1604.3	1361.7	1122.8	904.8	714.4
-7.5°	3323.4	2975.2	2644.1	2347.3	2073.8	1814.2	1578.6	1341.1	1104.8	890.1	705.5
-10°	3215.9	2883.9	2569.0	2288.2	2021.6	1771.1	1540.4	1306.4	1075.1	865.8	690.1
-12.5°	3082.9	2769.4	2469.1	2207.8	1953.3	1714.1	1488.7	1257.4	1033.8	832.1	668.1
-15°	2920.3	2639.0	2367.5	2114.0	1873.4	1641.6	1421.5	1196.4	981.4	788.8	639.5
-17.5°	2755.5	2494.4	2239.6	1999.0	1775.9	1555.9	1342.5	1128.6	922.9	742.0	606.0
-20°	2571.9	2330.8	2095.1	1876.9	1668.9	1459.9	1254.3	1048.6	855.9	698.3	576.4



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Peachtree City, GA 30269

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REPORT NUMBER: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	2372.7	2157.3	1944.0	1747.2	1552.6	1352.3	1155.4	961.2	778.5	649.2	542.7
-25°	2171.1	1975.4	1784.2	1603.1	1420.6	1231.5	1049.6	872.3	721.2	602.9	506.5
-27.5°	1968.6	1791.4	1615.0	1447.6	1275.8	1109.2	942.9	782.3	659.1	558.6	472.7
-30°	1768.4	1608.4	1446.9	1287.0	1131.6	979.4	830.8	709.1	602.1	511.2	434.8
-32.5°	1562.2	1423.0	1275.9	1126.0	984.9	850.5	737.6	635.1	542.6	467.6	401.2
-35°	1361.7	1233.6	1098.2	969.5	844.6	743.9	648.4	564.5	490.5	424.1	367.6
-37.5°	1156.9	1041.3	929.4	821.5	732.3	647.2	571.6	503.1	439.2	386.4	337.7
-40°	964.0	863.4	783.0	703.5	632.8	564.8	505.2	446.3	396.9	350.4	308.6
-42.5°	798.8	728.2	663.6	603.6	545.6	495.5	445.1	399.3	356.2	317.2	282.5
-45°	665.3	614.8	562.2	518.3	473.5	433.5	393.2	355.5	319.3	287.5	256.7
-47.5°	559.5	522.0	482.4	447.1	413.6	379.3	347.9	315.4	287.3	259.1	233.3
-50°	473.2	445.5	416.5	388.0	361.6	333.6	307.6	282.0	257.3	233.9	210.4
-52.5°	402.1	382.0	360.6	337.9	316.9	295.1	272.3	251.8	230.5	209.8	189.3
-55°	345.7	329.7	313.5	296.3	278.7	260.9	242.3	223.8	205.5	186.7	171.2
-57.5°	299.4	285.9	273.0	259.4	245.1	229.9	214.1	197.6	182.6	168.4	154.3
-60°	258.8	247.4	237.1	226.1	214.5	201.4	188.5	175.5	162.5	150.1	138.1
-62.5°	222.1	214.0	204.8	195.4	186.2	176.5	164.9	153.5	142.5	131.9	122.0
-65°	186.6	179.7	172.5	165.8	158.4	150.1	140.3	131.4	122.8	114.1	105.9
-67.5°	155.1	149.8	144.0	138.1	132.2	125.6	118.4	111.0	104.1	96.9	90.8
-70°	129.2	125.4	120.9	115.5	110.2	104.8	99.3	93.5	87.2	80.7	75.8
-72.5°	107.6	104.8	101.3	96.9	92.1	87.4	82.5	77.3	71.8	65.8	61.1
-75°	88.9	86.8	84.1	80.2	76.0	71.6	67.3	62.6	57.2	51.1	46.3
-77.5°	71.4	70.1	68.3	65.1	61.9	58.6	54.8	49.3	43.8	38.6	35.1
-80°	53.6	53.0	51.9	49.3	46.5	43.7	40.7	36.5	32.5	28.7	25.9
-82.5°	35.3	34.7	33.9	32.2	30.6	29.0	27.4	24.6	21.9	19.2	16.8
-85°	17.9	17.4	16.8	16.6	16.2	15.9	15.4	13.8	12.2	10.7	9.4
-87.5°	5.2	5.2	5.2	5.2	5.3	5.3	5.3	4.9	4.5	4.1	3.8
-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: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-735-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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
65°	0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.7	0.6	0.6	0.4
62.5°	0.8	0.4	1.0	1.3	0.9	0.7	0.6	1.6	1.0	0.7	0.5
60°	1.8	1.4	2.7	4.1	2.9	1.1	1.7	2.7	2.5	0.9	0.7
57.5°	8.8	4.0	6.0	7.8	7.4	4.1	3.3	4.7	4.2	2.5	1.0
55°	18.2	15.5	12.4	12.3	12.5	9.9	7.0	7.2	6.4	4.5	1.4
52.5°	27.7	26.9	24.0	19.5	17.9	16.2	13.3	10.2	9.5	6.8	3.5
50°	39.6	37.4	35.1	30.5	24.8	22.5	19.5	15.6	12.9	9.5	5.9
47.5°	53.1	49.3	45.8	41.4	35.1	29.1	25.7	21.2	16.7	13.0	8.2
45°	74.2	62.0	57.2	52.1	45.6	38.1	32.3	26.7	21.6	16.5	10.6
42.5°	95.8	78.8	68.8	63.1	56.3	47.9	39.1	32.9	26.5	20.1	13.4
40°	117.6	96.5	81.5	74.3	67.3	57.6	47.7	39.2	31.3	23.8	16.5
37.5°	141.2	116.4	96.0	85.9	78.6	68.1	56.5	45.8	36.2	27.8	19.5
35°	170.5	139.9	111.7	99.3	89.5	78.7	65.2	52.8	42.0	31.8	22.5
32.5°	203.5	166.0	134.4	114.0	100.7	89.6	74.5	60.8	48.0	35.8	25.5
30°	236.3	192.8	155.9	128.5	112.5	99.8	84.3	68.9	54.2	39.9	28.5
27.5°	261.3	215.9	176.1	145.9	125.6	109.9	94.2	76.9	60.4	44.3	31.8
25°	286.9	237.3	195.6	163.0	138.4	120.3	103.6	85.0	67.0	49.3	35.0
22.5°	316.7	257.6	212.1	178.5	152.0	130.8	112.6	93.2	73.7	54.4	38.1
20°	345.9	276.3	227.3	196.5	166.8	142.5	121.5	101.0	80.3	59.3	41.1
17.5°	375.8	302.6	252.5	215.1	182.1	154.1	130.3	108.4	86.7	64.1	44.0
15°	421.0	337.8	277.8	233.5	197.0	165.4	138.8	115.3	92.8	68.7	46.6
12.5°	463.5	370.9	302.5	251.5	211.2	176.4	147.2	121.8	98.7	72.6	48.7
10°	501.1	401.7	326.0	268.9	224.7	187.0	155.1	127.0	102.1	75.7	50.6
7.5°	533.8	430.0	348.3	285.4	236.3	194.2	159.2	129.6	104.8	78.4	52.3
5°	558.8	449.2	360.5	292.0	240.6	197.4	162.1	131.8	106.8	80.7	53.7
2.5°	567.1	455.6	365.3	295.7	243.7	199.8	164.3	133.5	108.4	82.6	54.9
0°	570.9	458.7	367.8	297.8	245.7	201.2	165.8	134.6	109.5	84.1	55.9
-2.5°	575.1	462.9	371.3	301.1	247.8	203.2	167.4	136.4	111.1	85.7	57.5
-5°	574.8	463.7	372.4	302.7	248.6	204.2	168.4	137.7	112.2	86.9	58.8
-7.5°	568.8	460.1	371.0	302.4	248.1	204.4	168.6	138.4	113.0	87.7	59.9
-10°	557.9	452.7	366.8	299.7	246.5	203.5	168.2	138.7	113.2	88.0	60.7
-12.5°	542.6	442.0	360.1	295.2	243.6	201.6	167.0	138.0	113.1	87.9	61.1
-15°	522.9	428.4	350.8	289.0	239.3	198.7	165.0	136.7	112.1	87.2	61.2
-17.5°	499.1	411.7	338.9	281.1	233.8	195.0	162.3	134.8	110.7	86.1	61.1
-20°	477.0	394.3	325.2	271.5	226.9	190.3	158.8	132.5	109.1	84.7	60.8

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Scaled Data Report



REPORT NUMBER: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	452.4	376.1	313.1	262.3	219.7	184.7	154.6	129.6	107.1	83.0	60.2
-25°	424.1	355.5	299.3	252.1	212.6	179.3	150.3	126.2	104.8	81.1	59.4
-27.5°	397.6	334.3	283.8	240.3	204.4	173.2	146.0	123.1	102.2	79.0	58.4
-30°	370.5	315.8	268.9	227.9	195.4	166.3	141.2	119.7	99.2	77.1	57.1
-32.5°	343.0	295.6	253.0	217.2	186.7	158.9	135.9	116.1	96.1	75.3	56.0
-35°	319.3	275.8	235.9	205.6	177.8	152.6	130.7	112.3	92.9	73.2	54.9
-37.5°	294.1	255.8	222.5	194.2	168.2	145.8	125.7	107.9	89.6	70.9	53.4
-40°	271.6	237.0	208.2	183.1	159.6	138.4	120.1	103.1	86.5	68.3	51.8
-42.5°	248.7	219.9	194.2	171.2	150.9	131.6	114.0	98.0	82.5	66.0	49.9
-45°	228.6	202.5	179.8	160.4	141.9	124.2	108.0	92.6	78.3	63.5	48.0
-47.5°	207.8	185.6	166.2	149.1	133.0	116.5	101.7	87.8	73.9	60.8	45.9
-50°	188.4	169.7	153.5	138.2	123.2	109.3	95.4	82.7	69.9	57.3	43.7
-52.5°	171.1	155.5	141.2	127.2	114.3	101.8	89.8	77.6	65.7	53.7	41.1
-55°	155.9	142.0	129.1	117.0	105.4	95.1	84.1	72.8	61.3	50.0	38.4
-57.5°	141.4	128.9	117.9	107.1	97.2	88.2	78.5	67.8	56.9	46.1	36.1
-60°	126.7	116.6	106.8	97.8	89.3	81.1	72.8	62.6	52.3	42.2	33.2
-62.5°	112.6	104.1	96.6	88.7	80.9	73.7	67.0	57.2	47.5	38.3	30.0
-65°	98.8	92.4	86.3	78.8	72.1	66.1	60.5	51.7	42.5	34.1	26.7
-67.5°	85.2	79.9	74.4	68.4	63.3	58.4	53.5	45.5	37.2	29.7	23.3
-70°	71.4	66.9	63.0	59.2	55.0	50.7	45.7	38.9	31.6	25.6	19.8
-72.5°	57.9	55.1	52.8	50.1	46.5	42.4	37.8	32.3	26.6	21.3	16.3
-75°	44.6	44.0	43.3	41.6	38.1	34.3	30.6	26.3	21.5	16.9	13.2
-77.5°	35.1	34.9	34.4	33.2	30.2	27.1	23.8	20.3	16.6	13.4	10.4
-80°	26.0	26.0	25.7	25.0	22.4	19.8	17.5	15.3	12.6	10.0	7.5
-82.5°	17.1	17.3	17.4	17.2	15.5	13.8	12.2	10.6	8.5	6.5	5.0
-85°	9.7	9.9	10.0	9.9	8.8	7.8	7.1	6.4	5.3	4.3	3.3
-87.5°	4.0	4.3	4.5	4.6	4.2	3.9	3.6	3.2	2.6	2.1	1.7
-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: P626682 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
62.5°	0.5	0.5	0.4	0.4	0.4	0.2	0.0
60°	0.6	0.6	0.4	0.4	0.4	0.2	0.0
57.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
55°	1.6	0.8	0.6	0.4	0.4	0.2	0.0
52.5°	2.2	1.1	0.7	0.4	0.4	0.2	0.0
50°	2.9	1.7	0.9	0.4	0.4	0.3	0.0
47.5°	3.8	2.4	1.0	0.4	0.4	0.3	0.0
45°	5.9	3.1	1.1	0.5	0.4	0.3	0.0
42.5°	8.0	3.9	1.3	0.6	0.5	0.3	0.0
40°	10.0	4.8	1.6	0.8	0.5	0.3	0.0
37.5°	12.0	5.6	2.3	0.9	0.5	0.3	0.0
35°	14.0	7.0	3.0	1.1	0.5	0.3	0.0
32.5°	16.1	8.6	3.6	1.3	0.5	0.3	0.0
30°	18.5	10.1	4.3	1.5	0.5	0.3	0.0
27.5°	20.8	11.6	5.1	1.7	0.6	0.4	0.0
25°	23.1	13.1	5.8	1.9	0.6	0.4	0.0
22.5°	25.2	14.5	6.6	2.2	0.6	0.4	0.0
20°	27.2	15.9	7.3	2.4	0.6	0.4	0.0
17.5°	29.1	17.2	8.0	2.6	0.7	0.4	0.0
15°	30.8	18.4	8.7	2.9	0.7	0.4	0.0
12.5°	32.4	19.5	9.3	3.1	0.7	0.4	0.0
10°	33.8	20.5	9.9	3.4	0.7	0.4	0.0
7.5°	35.1	21.4	10.4	3.6	0.7	0.4	0.0
5°	36.2	22.3	10.9	3.8	0.8	0.4	0.0
2.5°	37.2	23.0	11.4	4.0	0.8	0.4	0.0
0°	38.0	23.6	11.8	4.2	0.8	0.4	0.0
-2.5°	39.0	24.3	12.3	4.5	0.9	0.4	0.0
-5°	39.9	25.0	12.8	4.7	1.0	0.4	0.0
-7.5°	40.6	25.5	13.2	4.9	1.1	0.5	0.0
-10°	41.1	25.8	13.6	5.1	1.2	0.5	0.0
-12.5°	41.4	26.1	13.8	5.3	1.3	0.5	0.0
-15°	41.5	26.2	14.0	5.4	1.4	0.5	0.0
-17.5°	41.3	26.2	14.1	5.5	1.5	0.5	0.0
-20°	41.2	26.0	14.0	5.6	1.6	0.6	0.0

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CATALOG NUMBER: GFLD-SA1C-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.2	25.8	13.9	5.6	1.6	0.6	0.0
-25°	41.1	25.7	13.7	5.6	1.7	0.6	0.0
-27.5°	40.7	25.6	13.4	5.6	1.8	0.6	0.0
-30°	40.1	25.3	13.0	5.5	1.8	0.6	0.0
-32.5°	39.3	24.9	12.9	5.4	1.8	0.6	0.0
-35°	38.5	24.3	12.6	5.2	1.8	0.6	0.0
-37.5°	37.6	23.6	12.2	5.0	1.8	0.6	0.0
-40°	36.6	23.0	11.7	4.8	1.8	0.6	0.0
-42.5°	35.3	22.3	11.4	4.5	1.8	0.6	0.0
-45°	33.8	21.4	11.1	4.4	1.8	0.6	0.0
-47.5°	32.0	20.4	10.8	4.1	1.7	0.5	0.0
-50°	30.5	19.3	10.3	4.1	1.7	0.5	0.0
-52.5°	28.9	18.0	9.8	4.0	1.6	0.5	0.0
-55°	27.2	16.9	9.1	3.9	1.5	0.5	0.0
-57.5°	25.2	15.8	8.3	3.7	1.5	0.5	0.0
-60°	23.1	14.5	7.5	3.5	1.4	0.4	0.0
-62.5°	21.1	13.0	6.9	3.3	1.3	0.4	0.0
-65°	18.9	11.4	6.3	3.0	1.2	0.4	0.0
-67.5°	16.5	10.0	5.7	2.7	1.1	0.3	0.0
-70°	13.9	8.8	4.9	2.3	1.0	0.3	0.0
-72.5°	11.8	7.4	4.1	2.0	0.9	0.3	0.0
-75°	9.7	6.0	3.3	1.8	0.8	0.2	0.0
-77.5°	7.4	4.5	2.7	1.5	0.6	0.2	0.0
-80°	5.1	3.4	2.2	1.2	0.5	0.2	0.0
-82.5°	3.8	2.6	1.6	0.9	0.4	0.1	0.0
-85°	2.5	1.7	1.1	0.6	0.3	0.1	0.0
-87.5°	1.3	0.9	0.6	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)