

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: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-750-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30790.9 lumens  
Efficiency: N/A  
Efficacy: 149.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 312116.3 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 9829.9 lumens  
Beam Efficiency: 31.9%

Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 21894.3 lumens  
Field Efficiency: 71.1%

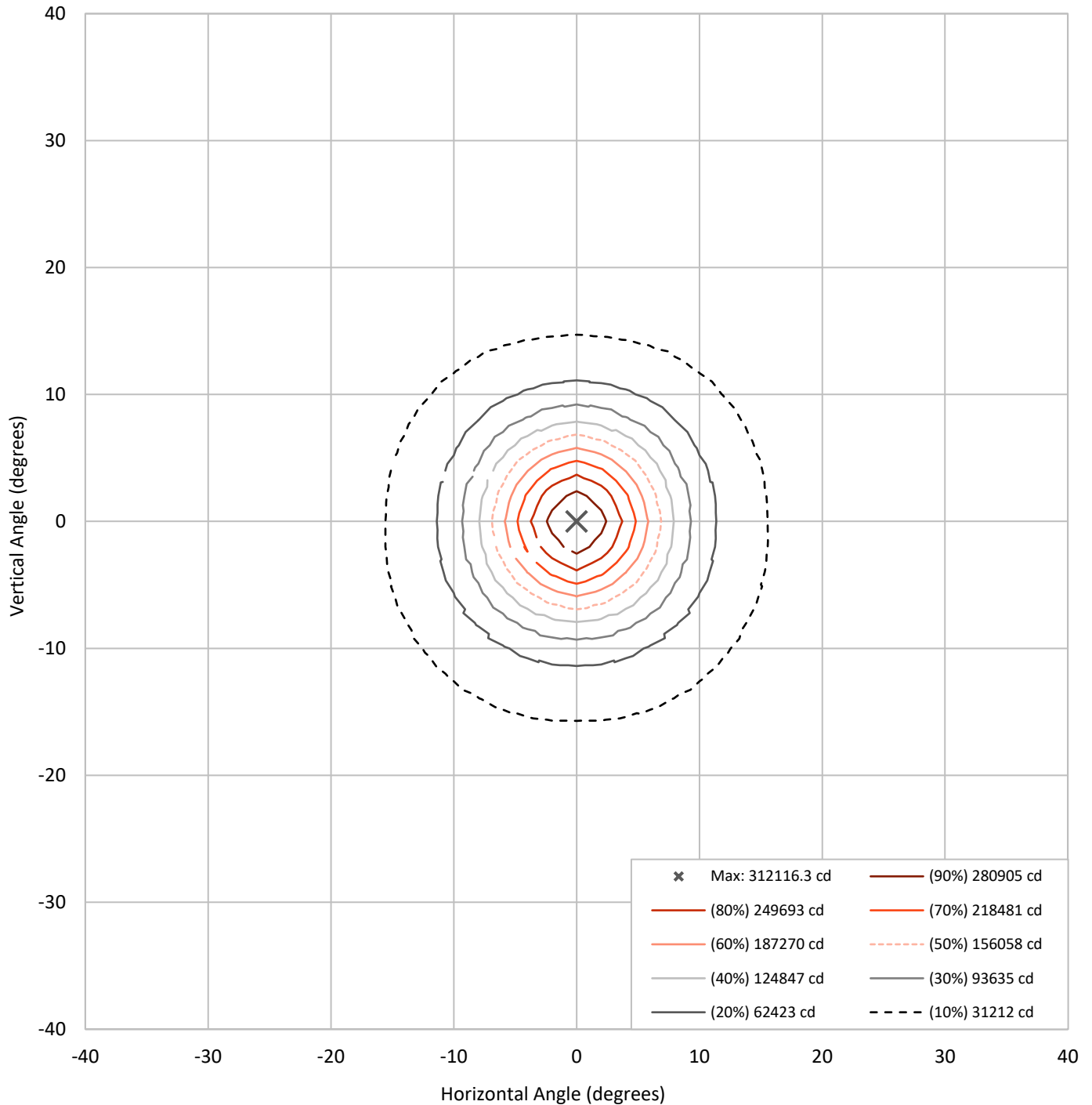
Input Watts (W): 206.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-VSR-XX

### Iso-Candela Plot





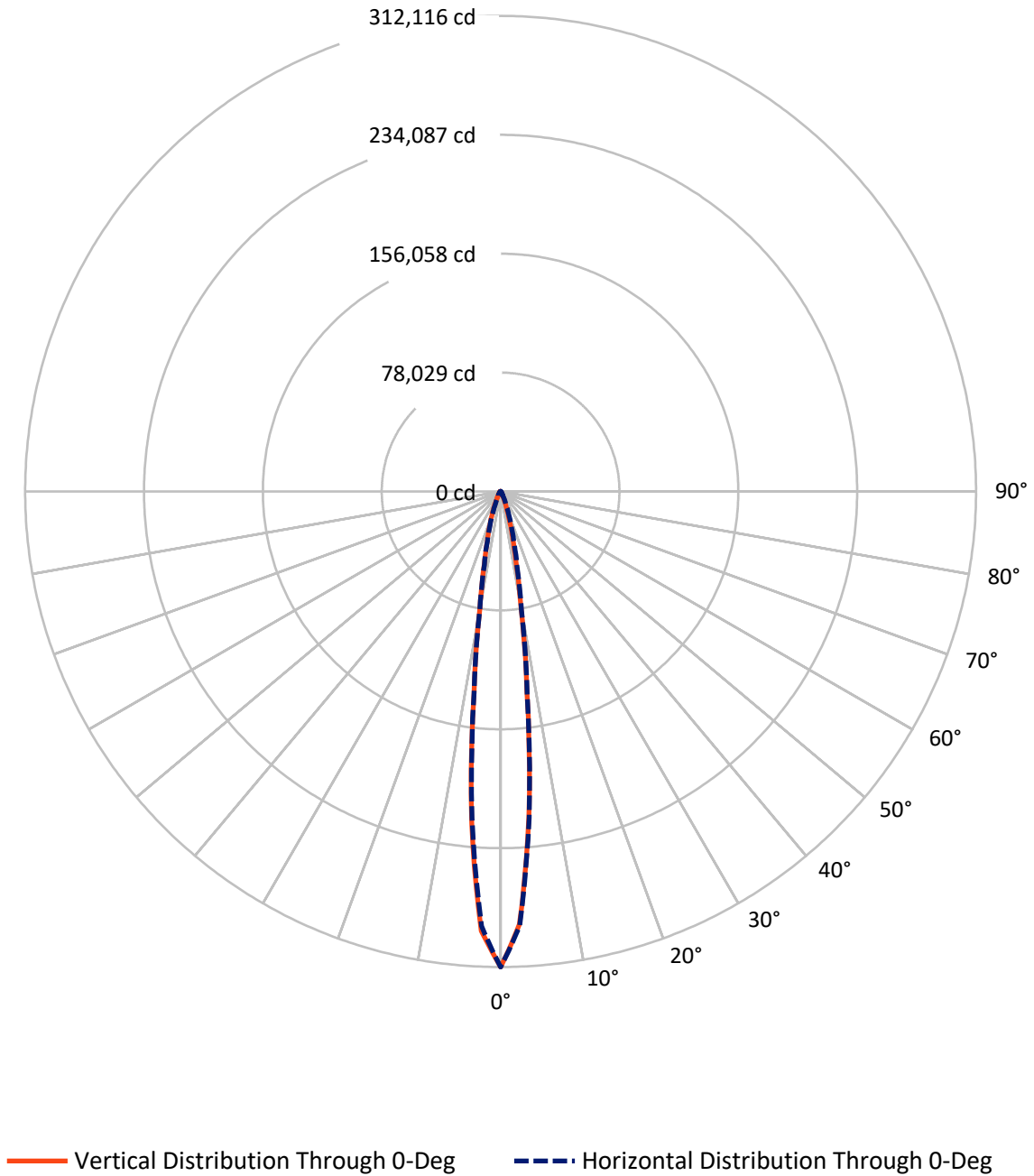
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### Lumen Table

90	0.0																		
80	0.0																		
70	0.0																		
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
		0.1	0.2	0.8	1.7	2.7	3.6	4.4	4.4	3.6	2.7	1.7	0.8	0.2	0.1				
50	0.1	0.2	0.9	2.7	5.0	7.4	10.4	12.3	12.3	10.4	7.4	5.0	2.7	0.9	0.2	0.1			
		0.4	2.2	5.2	9.3	14.7	25.0	31.9	31.9	25.0	14.7	9.3	5.2	2.2	0.4				
30	0.3	0.9	3.4	7.9	14.4	31.3	83.6	138.5	138.5	83.6	31.3	14.4	7.9	3.4	0.9	0.3			
		1.3	4.7	11.0	23.8	93.6	394.7	867.6	867.6	394.7	93.6	23.8	11.0	4.7	1.3				
0	0.5	1.7	5.7	12.9	32.3	175.8	945.8	4241.6	4241.6	945.8	175.8	32.3	12.9	5.7	1.7	0.5			
		1.9	6.2	13.6	34.7	187.3	979.0	4313.6	4313.6	979.0	187.3	34.7	13.6	6.2	1.9				
-10	0.6	2.0	6.4	13.3	30.5	119.2	475.2	1016.4	1016.4	475.2	119.2	30.5	13.3	6.4	2.0	0.6			
		1.9	6.1	12.3	23.5	55.7	146.4	244.1	244.1	146.4	55.7	23.5	12.3	6.1	1.9				
-30	0.5	1.7	5.4	10.8	18.4	30.6	49.8	63.3	63.3	49.8	30.6	18.4	10.8	5.4	1.7	0.5			
		1.4	4.5	9.0	14.9	21.4	28.7	32.0	32.0	28.7	21.4	14.9	9.0	4.5	1.4				
-50	0.4	1.1	3.4	7.0	11.7	16.4	20.7	22.7	22.7	20.7	16.4	11.7	7.0	3.4	1.1	0.4			
		0.7	2.1	4.6	7.9	11.4	14.5	15.9	15.9	14.5	11.4	7.9	4.6	2.1	0.7				
-70	0.0																		
-80	0.0																		
-90	0.0																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

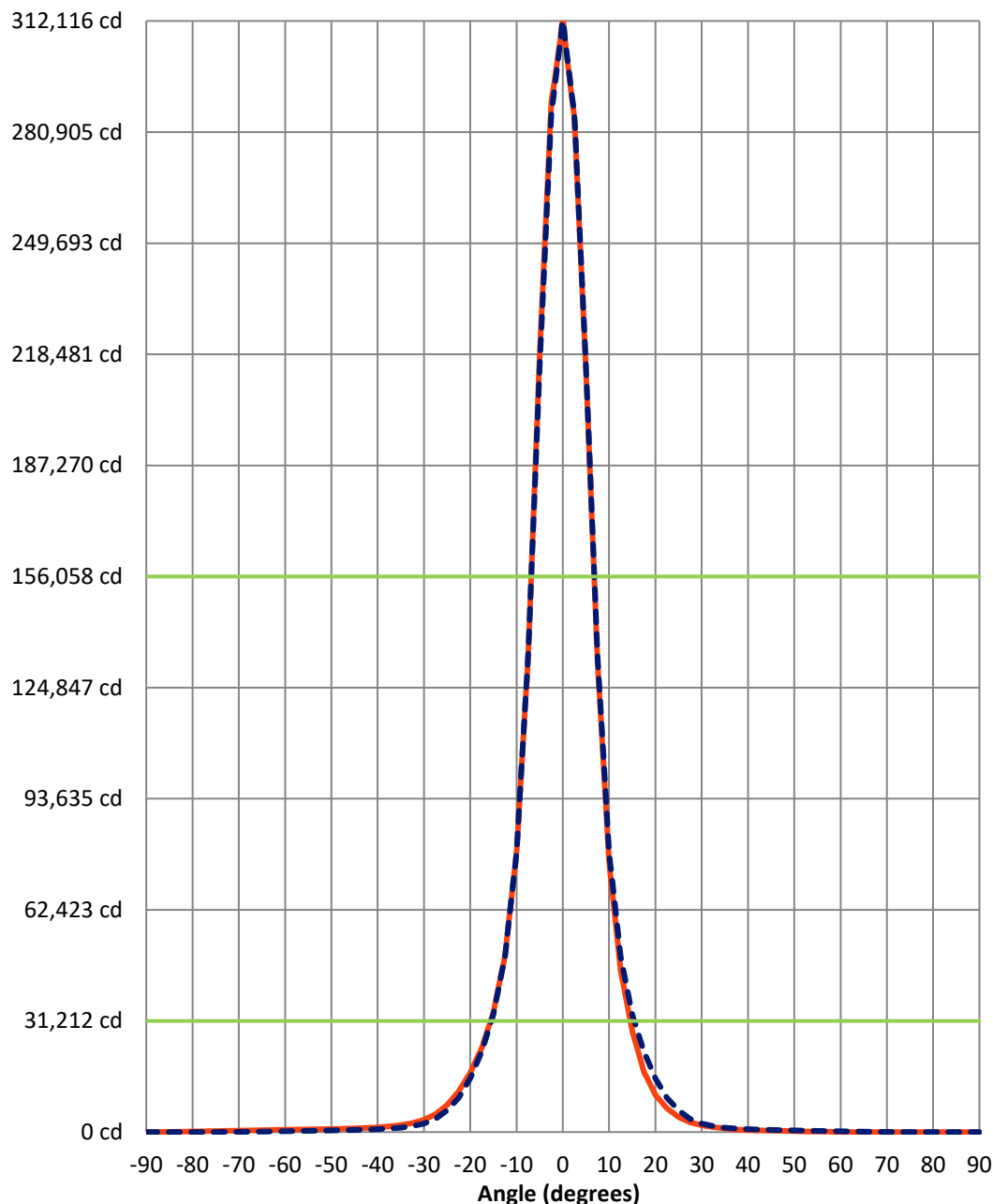
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 9829.9  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 21894.3  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 8896.6  
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.5	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.5	0.8	2.0	2.8	2.5	0.9
67.5°	0.0	1.4	0.4	0.8	2.0	2.0	2.3	3.7	4.2	2.7	1.1
65°	0.0	1.5	0.5	1.4	2.7	2.8	3.8	5.5	4.5	2.9	2.0
62.5°	0.0	1.7	0.7	2.1	3.4	3.7	5.2	6.2	4.7	3.4	4.1
60°	0.0	1.9	0.9	2.8	4.1	4.6	6.5	6.4	5.0	4.8	6.0
57.5°	0.0	2.1	1.4	3.5	4.6	5.4	6.6	6.6	5.6	5.9	6.6
55°	0.0	2.2	2.0	4.2	5.1	6.1	6.6	6.6	6.1	6.6	6.6
52.5°	0.0	2.4	2.5	4.9	5.5	6.6	6.6	6.6	6.5	6.6	6.6
50°	0.0	2.6	3.0	5.6	5.8	6.6	6.6	6.6	6.6	6.6	7.7
47.5°	0.0	2.8	3.4	6.2	6.1	6.6	6.6	6.6	6.6	6.6	9.1
45°	0.0	3.0	3.9	6.4	6.4	6.6	6.6	6.6	6.8	8.2	10.9
42.5°	0.0	3.2	4.3	6.6	6.5	6.6	6.6	6.8	7.3	10.0	14.6
40°	0.0	3.4	4.6	6.6	6.6	6.6	6.6	7.4	8.4	12.1	18.8
37.5°	0.0	3.6	4.9	6.6	6.6	6.6	6.6	8.0	10.7	15.2	23.2
35°	0.0	3.9	5.2	6.6	6.6	6.6	6.6	8.8	13.1	19.4	28.5
32.5°	0.0	4.1	5.5	6.6	6.6	6.6	6.8	9.7	15.7	23.5	35.3
30°	0.0	4.3	5.7	6.6	6.6	6.6	7.5	11.0	18.3	27.3	42.7
27.5°	0.0	4.5	5.9	6.6	6.6	6.6	8.2	13.1	21.3	31.1	50.7
25°	0.0	4.7	6.1	6.6	6.6	6.6	9.0	15.2	24.4	36.6	59.3
22.5°	0.0	4.9	6.2	6.6	6.6	6.7	9.8	17.4	27.4	43.3	69.4
20°	0.0	5.1	6.3	6.6	6.6	7.2	10.7	19.5	30.2	50.0	78.7
17.5°	0.0	5.3	6.4	6.6	6.6	7.8	11.8	21.5	32.9	56.8	87.2
15°	0.0	5.5	6.5	6.6	6.6	8.5	13.2	23.6	35.4	63.5	94.9
12.5°	0.0	5.7	6.5	6.6	6.6	9.2	14.5	25.6	38.7	70.0	101.8
10°	0.0	5.9	6.6	6.6	6.6	10.0	15.7	27.4	43.0	76.1	107.9
7.5°	0.0	6.1	6.6	6.6	6.6	10.8	16.8	29.1	47.3	81.3	113.3
5°	0.0	6.3	6.6	6.6	6.6	11.6	17.9	30.6	51.6	85.7	118.0
2.5°	0.0	6.4	6.6	6.6	6.6	12.4	18.9	31.9	55.7	89.5	122.1
0°	0.0	6.6	6.6	6.6	6.6	13.2	19.8	33.0	59.5	92.5	125.5
-2.5°	0.0	6.6	6.6	6.6	7.2	13.9	21.5	35.0	62.9	94.9	129.8
-5°	0.0	6.6	6.6	6.6	7.7	14.5	23.1	36.8	65.8	96.9	133.2
-7.5°	0.0	6.5	6.6	6.6	8.3	15.1	24.6	38.4	68.1	98.3	135.9
-10°	0.0	6.5	6.6	6.6	8.8	15.6	25.9	39.8	69.9	99.4	137.5
-12.5°	0.0	6.4	6.6	6.6	9.2	16.0	27.0	41.0	70.9	100.4	140.1
-15°	0.0	6.4	6.6	6.6	9.6	16.4	27.8	42.1	71.2	102.4	142.5
-17.5°	0.0	6.3	6.6	6.6	9.9	16.7	28.4	43.1	70.7	103.4	143.6
-20°	0.0	6.2	6.6	6.6	10.0	16.9	28.7	44.0	69.6	103.4	143.4

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CATALOG NUMBER: GFLD-SA5C-750-U-NR-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	6.1	6.6	6.6	10.1	17.1	29.1	44.5	68.1	102.2	141.7
-25°	0.0	6.0	6.6	6.6	10.1	17.5	29.3	44.7	66.0	99.8	138.6
-27.5°	0.0	5.9	6.6	6.6	9.9	17.9	29.3	44.6	63.3	96.5	135.7
-30°	0.0	5.7	6.6	6.6	9.7	18.2	29.1	44.1	62.0	92.9	131.1
-32.5°	0.0	5.6	6.6	6.6	9.7	18.4	28.8	43.6	61.2	88.7	124.9
-35°	0.0	5.4	6.6	6.6	9.6	18.3	28.7	43.0	60.0	84.0	116.9
-37.5°	0.0	5.2	6.6	6.6	9.3	18.1	28.6	42.2	58.3	78.8	112.4
-40°	0.0	5.1	6.6	6.6	9.0	17.8	28.2	41.2	56.0	75.4	108.3
-42.5°	0.0	4.9	6.6	6.7	8.9	17.2	27.6	40.0	54.3	73.9	103.1
-45°	0.0	4.7	6.6	6.8	9.1	16.5	26.8	38.7	52.7	71.7	97.5
-47.5°	0.0	4.5	6.6	7.0	9.3	15.7	25.7	37.4	50.8	68.5	93.8
-50°	0.0	4.2	6.6	7.1	9.4	14.6	24.4	35.8	48.9	65.9	88.9
-52.5°	0.0	4.0	6.6	7.1	9.4	13.4	22.9	33.9	46.4	62.3	83.1
-55°	0.0	3.8	6.6	7.1	9.3	13.1	21.1	31.6	43.7	57.6	77.1
-57.5°	0.0	3.5	6.6	7.1	9.2	12.8	19.1	29.1	40.5	53.4	69.9
-60°	0.0	3.3	6.6	7.1	9.0	12.4	17.1	26.3	37.1	49.2	62.6
-62.5°	0.0	3.0	6.1	7.0	8.8	11.8	16.2	23.2	33.2	44.5	57.0
-65°	0.0	2.8	5.6	6.9	8.4	11.2	15.2	20.5	29.1	39.4	50.9
-67.5°	0.0	2.5	5.0	6.8	8.1	10.5	14.1	18.8	24.7	34.0	44.3
-70°	0.0	2.3	4.5	6.6	7.7	9.7	12.8	16.9	22.1	28.2	37.4
-72.5°	0.0	2.0	4.0	5.9	7.2	8.9	11.4	14.9	19.3	24.6	30.7
-75°	0.0	1.7	3.4	5.1	6.7	7.9	10.0	13.1	16.4	20.7	25.8
-77.5°	0.0	1.4	2.9	4.3	5.7	7.0	8.4	11.2	14.2	17.2	20.7
-80°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	9.4	12.1	14.8	17.5
-82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	7.3	10.0	12.4	14.8
-85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.9	6.7	8.8	11.1
-87.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.5	3.4	4.4	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.9	2.2	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.2	4.3	3.3	1.7	0.1	1.6	2.2	1.8	0.2	0.0	0.0
62.5°	6.1	5.2	3.6	2.7	3.7	5.0	3.9	2.3	0.6	3.2	4.6
60°	6.6	5.6	4.6	5.2	6.7	5.9	4.3	6.4	9.7	12.2	14.7
57.5°	6.6	6.1	6.0	7.1	7.5	7.5	11.6	15.5	21.9	27.2	30.9
55°	6.8	6.5	7.5	8.9	11.1	15.8	21.6	30.4	37.5	48.4	57.7
52.5°	7.5	7.5	10.0	13.5	20.0	27.2	37.5	50.0	64.1	74.8	86.0
50°	8.5	11.0	14.1	22.6	31.5	42.9	59.8	78.0	89.9	101.9	118.0
47.5°	11.7	15.0	23.2	33.1	45.9	64.2	87.4	100.5	112.3	131.0	151.0
45°	15.8	22.5	32.6	46.4	64.1	89.6	107.9	118.6	139.0	160.7	183.5
42.5°	20.2	31.0	44.9	59.4	87.2	111.4	127.9	145.0	165.6	190.9	215.7
40°	27.4	39.4	58.3	81.0	109.2	132.9	153.7	173.3	193.4	226.7	253.0
37.5°	34.8	52.3	73.6	101.7	131.1	157.0	180.2	204.7	233.6	271.0	294.7
35°	41.9	65.5	91.6	121.6	152.7	182.1	209.9	238.6	276.0	311.4	339.8
32.5°	51.9	79.1	108.4	140.8	173.0	206.2	239.9	274.2	311.1	347.3	384.5
30°	64.4	93.6	124.5	159.3	191.6	230.0	269.0	305.4	342.5	380.6	422.7
27.5°	77.1	107.1	140.6	175.7	209.6	253.3	295.5	333.4	371.4	412.6	460.5
25°	88.8	120.8	155.8	190.3	230.2	277.1	323.2	367.1	399.3	446.2	502.1
22.5°	100.0	134.1	171.7	203.5	250.0	301.0	354.7	401.9	440.1	481.9	545.4
20°	111.1	147.9	186.6	222.2	269.9	324.7	388.5	437.2	484.6	538.4	603.2
17.5°	121.7	160.7	201.3	243.6	294.0	350.7	423.1	472.7	529.3	593.8	675.4
15°	131.7	172.5	216.1	263.6	315.6	376.8	446.6	508.5	576.1	650.5	747.0
12.5°	141.1	183.4	230.7	282.1	334.7	399.2	466.3	532.1	610.0	707.3	828.7
10°	149.7	193.1	244.8	299.1	351.3	418.1	483.7	552.2	634.3	741.2	880.1
7.5°	156.8	203.0	258.2	314.4	365.7	433.7	498.7	568.7	654.6	769.2	914.7
5°	162.8	213.4	270.6	324.3	377.6	447.1	511.2	581.7	670.9	791.1	939.5
2.5°	167.8	222.9	281.5	331.5	387.9	459.4	521.2	596.3	687.3	808.2	962.7
0°	171.8	231.2	290.7	336.9	396.4	469.1	528.5	607.8	700.3	819.2	984.4
-2.5°	179.8	238.1	296.2	343.1	405.5	470.7	533.3	609.4	705.2	827.8	988.4
-5°	186.5	243.7	300.2	347.9	412.3	470.5	535.3	608.0	706.9	832.7	995.6
-7.5°	191.7	248.0	302.9	351.7	416.0	472.7	538.3	612.8	712.1	837.2	1005.0
-10°	195.0	251.0	305.1	356.4	416.9	474.9	539.5	613.8	711.2	834.3	999.8
-12.5°	196.8	252.8	306.1	358.9	416.7	474.7	537.9	611.0	703.9	823.9	979.4
-15°	197.3	253.5	306.0	359.2	415.6	471.9	533.7	604.0	690.8	806.2	947.3
-17.5°	196.7	253.1	304.7	357.0	414.1	466.5	527.1	594.7	677.5	785.4	921.3
-20°	195.0	251.7	302.4	352.3	411.9	461.4	520.5	585.8	663.7	761.5	883.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	192.3	249.4	299.2	347.5	404.6	456.7	512.0	574.2	644.0	732.4	840.3
-25°	189.1	244.7	295.0	343.8	396.3	449.6	501.2	560.3	624.4	709.4	806.5
-27.5°	184.9	239.0	289.2	338.6	387.4	439.9	490.3	546.2	609.7	684.6	771.5
-30°	178.8	231.0	281.2	331.6	379.7	429.0	477.7	530.9	590.8	661.4	741.6
-32.5°	171.1	222.0	271.2	321.0	371.1	418.1	463.9	515.1	571.3	633.2	709.5
-35°	163.3	212.3	260.3	307.7	360.6	405.9	450.0	496.9	549.2	606.8	668.9
-37.5°	155.9	201.9	248.7	293.5	343.5	390.7	433.7	478.3	526.6	579.4	635.8
-40°	148.0	190.9	236.5	280.1	324.0	372.2	415.1	458.1	502.8	555.7	605.9
-42.5°	139.8	181.5	223.7	266.5	308.4	351.4	394.2	435.5	482.6	532.8	582.0
-45°	133.0	171.6	210.8	252.4	293.7	332.6	372.8	411.3	459.2	509.4	557.5
-47.5°	124.9	161.6	199.6	237.3	277.8	316.7	352.8	391.8	432.5	479.8	530.3
-50°	116.7	151.3	186.4	221.9	260.3	299.2	335.8	371.9	410.3	449.2	492.8
-52.5°	109.6	139.9	172.4	205.0	241.3	279.4	316.3	352.4	387.8	424.3	461.5
-55°	101.3	129.0	157.7	188.2	220.0	256.5	293.2	328.4	364.4	398.6	435.0
-57.5°	92.0	116.9	143.0	171.6	200.6	230.4	266.0	301.1	334.9	369.5	407.1
-60°	81.5	103.8	127.4	153.8	182.0	209.4	238.2	270.7	303.4	336.1	370.9
-62.5°	70.6	90.0	111.3	134.3	160.2	187.1	213.5	241.1	270.6	299.1	329.1
-65°	63.4	77.0	95.0	115.4	136.6	160.7	185.7	211.2	237.1	261.3	284.5
-67.5°	55.7	68.0	81.2	96.3	115.6	135.9	155.8	178.7	201.9	224.1	245.8
-70°	47.5	58.4	70.2	82.7	96.4	113.0	131.7	150.0	167.8	186.5	206.6
-72.5°	38.9	48.4	58.6	69.5	81.2	94.3	108.6	124.2	140.1	155.6	171.2
-75°	31.9	38.1	46.5	55.7	65.9	76.2	86.6	98.9	112.3	125.9	139.1
-77.5°	26.2	32.0	37.7	43.4	50.6	60.1	69.4	78.5	87.9	98.1	108.9
-80°	21.3	25.8	31.0	36.2	41.2	46.9	53.4	60.6	67.2	74.0	81.4
-82.5°	17.8	21.2	24.9	29.0	31.9	34.9	38.3	42.5	46.9	51.5	56.2
-85°	13.6	16.4	18.9	21.7	23.0	24.5	26.1	28.0	30.8	33.5	36.3
-87.5°	6.8	8.2	9.7	11.3	12.1	12.7	13.4	14.0	15.8	17.7	19.6
-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: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-NR-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°	0.0	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°	0.4	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.9	3.2	5.1	6.8	7.5	7.3	6.7	6.0	5.1	4.7	5.4
60°	15.8	15.5	21.7	24.6	22.4	15.8	24.9	29.3	28.2	24.2	24.0
57.5°	38.8	47.1	53.2	55.8	64.6	78.7	81.4	76.7	75.1	76.6	88.5
55°	67.3	74.0	77.5	89.4	100.0	107.7	112.3	116.9	123.6	131.9	140.4
52.5°	95.0	104.3	111.3	122.1	134.8	139.2	138.0	154.4	167.1	175.3	178.6
50°	130.5	142.0	158.5	175.3	182.6	189.7	197.2	210.6	230.2	254.5	268.5
47.5°	168.7	186.9	204.2	223.3	233.0	240.6	251.9	275.3	303.1	329.3	343.0
45°	203.1	219.3	239.0	255.7	267.7	282.3	298.5	319.6	350.8	378.2	397.1
42.5°	230.8	249.0	269.4	289.4	301.6	321.3	345.9	374.7	407.3	435.8	456.9
40°	269.6	285.0	317.3	336.4	341.2	359.6	409.0	448.3	485.2	520.2	537.7
37.5°	316.4	346.5	380.0	397.4	414.4	446.9	513.0	576.5	623.5	670.9	696.9
35°	369.6	409.2	454.9	475.3	511.9	582.6	660.3	748.6	858.4	904.4	946.3
32.5°	421.3	465.6	507.7	553.7	617.5	702.0	789.6	932.7	1066.3	1169.8	1245.4
30°	467.2	514.1	566.5	625.5	715.5	832.0	978.2	1163.3	1351.6	1516.0	1655.1
27.5°	512.5	565.9	628.2	716.2	842.8	1001.1	1234.4	1498.6	1813.0	2044.6	2321.2
25°	562.2	623.3	703.2	830.8	1001.7	1238.2	1611.3	2040.2	2555.8	2973.8	3411.2
22.5°	621.0	711.2	812.4	954.8	1253.2	1643.0	2152.7	2885.7	3678.8	4412.0	5118.1
20°	692.0	815.3	977.9	1240.0	1623.1	2199.3	3084.9	4254.8	5421.1	6663.3	7859.0
17.5°	793.4	971.1	1223.8	1596.8	2101.6	3241.4	4678.4	6487.9	8812.6	10919.3	12758.6
15°	888.5	1100.9	1499.8	2057.3	2937.9	4448.6	6631.1	9617.7	13240.7	16542.6	20029.9
12.5°	988.3	1239.1	1697.2	2407.2	3630.6	5597.4	8664.6	12756.8	17293.4	22269.6	27937.9
10°	1067.4	1372.0	1920.4	2820.5	4328.7	6777.9	10431.4	15394.3	21422.7	28787.3	37848.4
7.5°	1120.8	1478.4	2104.7	3123.1	4971.3	7985.1	12383.2	18348.5	25885.0	35641.6	48320.4
5°	1162.5	1559.6	2243.3	3399.1	5514.9	8906.6	13829.3	20935.4	29850.9	42922.9	64409.8
2.5°	1196.0	1621.8	2329.1	3589.0	5856.1	9548.4	14799.6	22399.0	32211.5	48306.1	76182.6
0°	1222.2	1678.0	2384.9	3706.2	6117.6	9612.4	15102.4	22666.8	33058.8	49277.7	78716.1
-2.5°	1233.3	1708.1	2404.2	3731.9	6091.5	9722.6	15194.8	22880.7	33026.9	48745.3	75886.5
-5°	1251.9	1707.7	2389.7	3705.7	5954.9	9437.8	14591.4	21683.6	31034.5	44552.9	66789.2
-7.5°	1265.2	1680.4	2320.5	3537.8	5597.3	8822.0	13531.0	19700.0	27408.1	37672.4	51444.0
-10°	1253.0	1628.2	2205.2	3256.1	5041.6	7834.2	11918.6	17081.5	23487.6	31094.3	40451.1
-12.5°	1205.9	1531.7	2016.9	2861.6	4321.8	6727.7	10296.4	14692.2	19433.7	24775.9	31241.5
-15°	1146.3	1427.7	1847.4	2591.0	3788.1	5631.0	8236.4	11802.5	15606.0	19662.1	23987.4
-17.5°	1099.9	1336.3	1683.9	2222.2	3102.7	4568.0	6615.4	9148.7	11943.9	15032.0	17595.1
-20°	1037.0	1223.8	1515.6	1955.2	2627.0	3597.9	5089.0	6929.4	8773.9	10945.2	12715.8

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	974.0	1136.8	1358.8	1680.5	2180.4	2913.9	3835.1	5064.0	6412.8	7659.2	8886.0
-25°	915.6	1041.0	1220.5	1484.5	1823.6	2324.1	2979.9	3684.8	4573.9	5332.5	6174.4
-27.5°	868.3	976.0	1108.5	1302.0	1565.1	1887.1	2356.7	2829.0	3296.6	3679.4	4259.0
-30°	822.6	909.3	1020.1	1158.1	1355.3	1603.5	1908.3	2214.7	2484.6	2730.7	3032.5
-32.5°	777.8	848.3	933.3	1047.8	1189.3	1375.9	1563.2	1782.8	1970.4	2143.5	2303.7
-35°	732.9	795.6	860.3	957.0	1069.8	1202.3	1338.4	1487.3	1617.1	1733.7	1836.8
-37.5°	692.3	747.4	808.3	880.2	971.2	1070.9	1182.1	1290.1	1375.9	1451.6	1514.1
-40°	658.0	708.2	760.3	817.9	887.1	965.8	1060.2	1150.3	1210.4	1256.6	1294.5
-42.5°	627.4	671.6	716.0	764.8	818.0	886.1	960.7	1035.0	1075.8	1111.5	1139.0
-45°	602.9	636.8	674.1	715.8	762.9	819.9	878.6	930.0	966.2	996.9	1019.8
-47.5°	570.4	603.1	635.4	669.9	713.7	761.3	809.7	849.2	880.9	907.7	925.2
-50°	534.7	569.0	598.7	628.9	669.3	709.6	748.6	781.3	811.5	837.8	851.5
-52.5°	497.7	534.6	565.7	595.2	629.1	664.2	699.4	727.4	753.8	778.5	789.0
-55°	471.0	505.0	537.1	564.9	592.8	621.0	649.7	678.7	704.8	728.3	735.3
-57.5°	442.3	476.8	508.6	533.5	558.8	584.1	610.4	636.6	661.8	684.4	690.1
-60°	407.1	444.6	472.8	496.4	520.9	545.9	568.8	592.1	615.6	635.3	641.6
-62.5°	362.5	396.6	424.5	449.3	473.0	494.8	517.1	538.9	560.0	575.5	580.6
-65°	309.0	338.0	366.7	392.7	416.0	437.1	457.6	477.5	496.7	510.3	517.1
-67.5°	266.8	287.7	310.7	333.1	356.5	378.2	396.7	414.2	430.6	442.2	449.5
-70°	226.1	246.0	267.6	288.9	309.2	326.8	341.6	356.1	370.1	380.3	388.0
-72.5°	187.1	204.0	222.0	240.8	259.4	275.3	288.9	301.8	313.9	322.7	329.8
-75°	152.0	165.9	181.1	196.3	211.4	224.0	235.3	246.4	257.2	265.0	271.5
-77.5°	120.6	132.3	144.2	156.1	168.0	177.2	185.5	193.7	201.6	207.8	213.4
-80°	89.3	98.6	108.0	117.5	127.0	134.0	140.3	146.3	151.9	155.5	158.8
-82.5°	61.0	67.5	74.2	80.9	87.6	92.7	97.7	102.6	107.4	109.1	110.3
-85°	39.0	42.2	45.7	49.3	53.2	56.0	58.8	61.3	63.8	66.1	68.3
-87.5°	21.6	22.3	22.9	23.4	23.9	25.9	27.9	29.9	31.9	32.2	32.5
-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: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-NR-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	0.6	1.4
62.5°	5.9	6.3	6.5	6.6	6.5	6.3	5.9	5.4	4.7	5.1	6.0
60°	22.6	20.1	19.6	19.8	19.6	20.1	22.6	24.0	24.2	28.2	29.3
57.5°	100.5	111.7	114.9	112.3	114.9	111.7	100.5	88.5	76.6	75.1	76.7
55°	146.3	149.8	151.4	151.9	151.4	149.8	146.3	140.4	131.9	123.6	116.9
52.5°	179.4	178.2	178.0	178.4	178.0	178.2	179.4	178.6	175.3	167.1	154.4
50°	269.6	264.7	262.7	264.3	262.7	264.7	269.6	268.5	254.5	230.2	210.6
47.5°	344.6	346.1	348.4	350.1	348.4	346.1	344.6	343.0	329.3	303.1	275.3
45°	402.4	405.9	408.3	409.6	408.3	405.9	402.4	397.1	378.2	350.8	319.6
42.5°	461.5	461.9	461.2	462.5	461.2	461.9	461.5	456.9	435.8	407.3	374.7
40°	544.8	546.5	544.6	541.7	544.6	546.5	544.8	537.7	520.2	485.2	448.3
37.5°	712.0	714.4	706.5	700.3	706.5	714.4	712.0	696.9	670.9	623.5	576.5
35°	984.6	1012.8	1026.2	1030.6	1026.2	1012.8	984.6	946.3	904.4	858.4	748.6
32.5°	1297.7	1336.9	1356.6	1374.1	1356.6	1336.9	1297.7	1245.4	1169.8	1066.3	932.7
30°	1746.3	1818.8	1850.7	1896.1	1850.7	1818.8	1746.3	1655.1	1516.0	1351.6	1163.3
27.5°	2478.2	2605.7	2676.2	2741.7	2676.2	2605.7	2478.2	2321.2	2044.6	1813.0	1498.6
25°	3729.1	3974.5	4133.4	4208.3	4133.4	3974.5	3729.1	3411.2	2973.8	2555.8	2040.2
22.5°	5801.3	6253.7	6602.6	6672.5	6602.6	6253.7	5801.3	5118.1	4412.0	3678.8	2885.7
20°	9019.0	9666.4	10192.9	10458.0	10192.9	9666.4	9019.0	7859.0	6663.3	5421.1	4254.8
17.5°	14949.3	16295.7	16910.7	17011.7	16910.7	16295.7	14949.3	12758.6	10919.3	8812.6	6487.9
15°	23771.9	26050.1	27496.4	28427.7	27496.4	26050.1	23771.9	20029.9	16542.6	13240.7	9617.7
12.5°	33838.3	40311.8	43995.3	45399.7	43995.3	40311.8	33838.3	27937.9	22269.6	17293.4	12756.8
10°	47500.4	62740.1	71531.0	75954.6	71531.0	62740.1	47500.4	37848.4	28787.3	21422.7	15394.3
7.5°	70688.4	94226.3	120305.4	132370.6	120305.4	94226.3	70688.4	48320.4	35641.6	25885.0	18348.5
5°	95064.6	146744.3	192103.9	213825.2	192103.9	146744.3	95064.6	64409.8	42922.9	29850.9	20935.4
2.5°	123081.1	192776.1	257214.7	284309.6	257214.7	192776.1	123081.1	76182.6	48306.1	32211.5	22399.0
0°	133863.7	215047.4	285521.9	312116.3	285521.9	215047.4	133863.7	78716.1	49277.7	33058.8	22666.8
-2.5°	124748.0	196152.5	258321.8	288709.5	258321.8	196152.5	124748.0	75886.5	48745.3	33026.9	22880.7
-5°	99118.8	147553.1	193595.4	218357.2	193595.4	147553.1	99118.8	66789.2	44552.9	31034.5	21683.6
-7.5°	72747.0	99114.1	124684.3	133625.9	124684.3	99114.1	72747.0	51444.0	37672.4	27408.1	19700.0
-10°	50647.9	65746.6	75713.4	78557.6	75713.4	65746.6	50647.9	40451.1	31094.3	23487.6	17081.5
-12.5°	37550.3	44154.5	48749.6	49548.6	48749.6	44154.5	37550.3	31241.5	24775.9	19433.7	14692.2
-15°	27805.1	31163.5	33533.5	33693.0	33533.5	31163.5	27805.1	23987.4	19662.1	15606.0	11802.5
-17.5°	20325.6	22580.0	23776.0	23690.8	23776.0	22580.0	20325.6	17595.1	15032.0	11943.9	9148.7
-20°	14534.0	15892.9	16856.5	16668.1	16856.5	15892.9	14534.0	12715.8	10945.2	8773.9	6929.4



REPORT NUMBER: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10134.2	11036.2	11600.9	11455.6	11600.9	11036.2	10134.2	8886.0	7659.2	6412.8	5064.0
-25°	6886.0	7377.5	7657.2	7610.7	7657.2	7377.5	6886.0	6174.4	5332.5	4573.9	3684.8
-27.5°	4692.4	4952.0	5038.7	5034.1	5038.7	4952.0	4692.4	4259.0	3679.4	3296.6	2829.0
-30°	3256.9	3431.4	3531.2	3468.4	3531.2	3431.4	3256.9	3032.5	2730.7	2484.6	2214.7
-32.5°	2427.5	2525.9	2582.8	2523.7	2582.8	2525.9	2427.5	2303.7	2143.5	1970.4	1782.8
-35°	1913.1	1962.8	1982.9	1948.9	1982.9	1962.8	1913.1	1836.8	1733.7	1617.1	1487.3
-37.5°	1559.7	1588.9	1598.8	1578.9	1598.8	1588.9	1559.7	1514.1	1451.6	1375.9	1290.1
-40°	1321.6	1339.4	1343.9	1327.9	1343.9	1339.4	1321.6	1294.5	1256.6	1210.4	1150.3
-42.5°	1156.4	1167.1	1169.5	1162.7	1169.5	1167.1	1156.4	1139.0	1111.5	1075.8	1035.0
-45°	1033.4	1042.6	1044.3	1037.2	1044.3	1042.6	1033.4	1019.8	996.9	966.2	930.0
-47.5°	933.9	939.5	941.0	938.1	941.0	939.5	933.9	925.2	907.7	880.9	849.2
-50°	857.7	861.6	861.9	858.8	861.9	861.6	857.7	851.5	837.8	811.5	781.3
-52.5°	793.9	796.7	798.5	799.4	798.5	796.7	793.9	789.0	778.5	753.8	727.4
-55°	740.2	743.7	745.8	746.5	745.8	743.7	740.2	735.3	728.3	704.8	678.7
-57.5°	694.5	697.7	699.7	700.3	699.7	697.7	694.5	690.1	684.4	661.8	636.6
-60°	646.8	650.7	653.2	654.0	653.2	650.7	646.8	641.6	635.3	615.6	592.1
-62.5°	584.0	585.7	587.3	588.0	587.3	585.7	584.0	580.6	575.5	560.0	538.9
-65°	522.3	525.8	527.9	528.5	527.9	525.8	522.3	517.1	510.3	496.7	477.5
-67.5°	455.4	460.1	465.0	469.1	465.0	460.1	455.4	449.5	442.2	430.6	414.2
-70°	394.8	400.7	402.6	403.0	402.6	400.7	394.8	388.0	380.3	370.1	356.1
-72.5°	336.1	341.5	346.2	350.1	346.2	341.5	336.1	329.8	322.7	313.9	301.8
-75°	277.3	282.5	283.8	284.1	283.8	282.5	277.3	271.5	265.0	257.2	246.4
-77.5°	218.6	223.3	224.3	224.6	224.3	223.3	218.6	213.4	207.8	201.6	193.7
-80°	161.7	164.3	168.2	171.8	168.2	164.3	161.7	158.8	155.5	151.9	146.3
-82.5°	111.2	111.8	112.2	112.3	112.2	111.8	111.2	110.3	109.1	107.4	102.6
-85°	70.4	72.4	72.6	72.7	72.6	72.4	70.4	68.3	66.1	63.8	61.3
-87.5°	32.7	32.9	33.0	33.0	33.0	32.9	32.7	32.5	32.2	31.9	29.9
-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: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-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	0.0	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	0.4
65°	1.6	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.8
62.5°	6.7	7.3	7.5	6.8	5.1	3.2	3.9	4.6	3.2	0.6	2.3
60°	24.9	15.8	22.4	24.6	21.7	15.5	15.8	14.7	12.2	9.7	6.4
57.5°	81.4	78.7	64.6	55.8	53.2	47.1	38.8	30.9	27.2	21.9	15.5
55°	112.3	107.7	100.0	89.4	77.5	74.0	67.3	57.7	48.4	37.5	30.4
52.5°	138.0	139.2	134.8	122.1	111.3	104.3	95.0	86.0	74.8	64.1	50.0
50°	197.2	189.7	182.6	175.3	158.5	142.0	130.5	118.0	101.9	89.9	78.0
47.5°	251.9	240.6	233.0	223.3	204.2	186.9	168.7	151.0	131.0	112.3	100.5
45°	298.5	282.3	267.7	255.7	239.0	219.3	203.1	183.5	160.7	139.0	118.6
42.5°	345.9	321.3	301.6	289.4	269.4	249.0	230.8	215.7	190.9	165.6	145.0
40°	409.0	359.6	341.2	336.4	317.3	285.0	269.6	253.0	226.7	193.4	173.3
37.5°	513.0	446.9	414.4	397.4	380.0	346.5	316.4	294.7	271.0	233.6	204.7
35°	660.3	582.6	511.9	475.3	454.9	409.2	369.6	339.8	311.4	276.0	238.6
32.5°	789.6	702.0	617.5	553.7	507.7	465.6	421.3	384.5	347.3	311.1	274.2
30°	978.2	832.0	715.5	625.5	566.5	514.1	467.2	422.7	380.6	342.5	305.4
27.5°	1234.4	1001.1	842.8	716.2	628.2	565.9	512.5	460.5	412.6	371.4	333.4
25°	1611.3	1238.2	1001.7	830.8	703.2	623.3	562.2	502.1	446.2	399.3	367.1
22.5°	2152.7	1643.0	1253.2	954.8	812.4	711.2	621.0	545.4	481.9	440.1	401.9
20°	3084.9	2199.3	1623.1	1240.0	977.9	815.3	692.0	603.2	538.4	484.6	437.2
17.5°	4678.4	3241.4	2101.6	1596.8	1223.8	971.1	793.4	675.4	593.8	529.3	472.7
15°	6631.1	4448.6	2937.9	2057.3	1499.8	1100.9	888.5	747.0	650.5	576.1	508.5
12.5°	8664.6	5597.4	3630.6	2407.2	1697.2	1239.1	988.3	828.7	707.3	610.0	532.1
10°	10431.4	6777.9	4328.7	2820.5	1920.4	1372.0	1067.4	880.1	741.2	634.3	552.2
7.5°	12383.2	7985.1	4971.3	3123.1	2104.7	1478.4	1120.8	914.7	769.2	654.6	568.7
5°	13829.3	8906.6	5514.9	3399.1	2243.3	1559.6	1162.5	939.5	791.1	670.9	581.7
2.5°	14799.6	9548.4	5856.1	3589.0	2329.1	1621.8	1196.0	962.7	808.2	687.3	596.3
0°	15102.4	9612.4	6117.6	3706.2	2384.9	1678.0	1222.2	984.4	819.2	700.3	607.8
-2.5°	15194.8	9722.6	6091.5	3731.9	2404.2	1708.1	1233.3	988.4	827.8	705.2	609.4
-5°	14591.4	9437.8	5954.9	3705.7	2389.7	1707.7	1251.9	995.6	832.7	706.9	608.0
-7.5°	13531.0	8822.0	5597.3	3537.8	2320.5	1680.4	1265.2	1005.0	837.2	712.1	612.8
-10°	11918.6	7834.2	5041.6	3256.1	2205.2	1628.2	1253.0	999.8	834.3	711.2	613.8
-12.5°	10296.4	6727.7	4321.8	2861.6	2016.9	1531.7	1205.9	979.4	823.9	703.9	611.0
-15°	8236.4	5631.0	3788.1	2591.0	1847.4	1427.7	1146.3	947.3	806.2	690.8	604.0
-17.5°	6615.4	4568.0	3102.7	2222.2	1683.9	1336.3	1099.9	921.3	785.4	677.5	594.7
-20°	5089.0	3597.9	2627.0	1955.2	1515.6	1223.8	1037.0	883.0	761.5	663.7	585.8



REPORT NUMBER: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3835.1	2913.9	2180.4	1680.5	1358.8	1136.8	974.0	840.3	732.4	644.0	574.2
-25°	2979.9	2324.1	1823.6	1484.5	1220.5	1041.0	915.6	806.5	709.4	624.4	560.3
-27.5°	2356.7	1887.1	1565.1	1302.0	1108.5	976.0	868.3	771.5	684.6	609.7	546.2
-30°	1908.3	1603.5	1355.3	1158.1	1020.1	909.3	822.6	741.6	661.4	590.8	530.9
-32.5°	1563.2	1375.9	1189.3	1047.8	933.3	848.3	777.8	709.5	633.2	571.3	515.1
-35°	1338.4	1202.3	1069.8	957.0	860.3	795.6	732.9	668.9	606.8	549.2	496.9
-37.5°	1182.1	1070.9	971.2	880.2	808.3	747.4	692.3	635.8	579.4	526.6	478.3
-40°	1060.2	965.8	887.1	817.9	760.3	708.2	658.0	605.9	555.7	502.8	458.1
-42.5°	960.7	886.1	818.0	764.8	716.0	671.6	627.4	582.0	532.8	482.6	435.5
-45°	878.6	819.9	762.9	715.8	674.1	636.8	602.9	557.5	509.4	459.2	411.3
-47.5°	809.7	761.3	713.7	669.9	635.4	603.1	570.4	530.3	479.8	432.5	391.8
-50°	748.6	709.6	669.3	628.9	598.7	569.0	534.7	492.8	449.2	410.3	371.9
-52.5°	699.4	664.2	629.1	595.2	565.7	534.6	497.7	461.5	424.3	387.8	352.4
-55°	649.7	621.0	592.8	564.9	537.1	505.0	471.0	435.0	398.6	364.4	328.4
-57.5°	610.4	584.1	558.8	533.5	508.6	476.8	442.3	407.1	369.5	334.9	301.1
-60°	568.8	545.9	520.9	496.4	472.8	444.6	407.1	370.9	336.1	303.4	270.7
-62.5°	517.1	494.8	473.0	449.3	424.5	396.6	362.5	329.1	299.1	270.6	241.1
-65°	457.6	437.1	416.0	392.7	366.7	338.0	309.0	284.5	261.3	237.1	211.2
-67.5°	396.7	378.2	356.5	333.1	310.7	287.7	266.8	245.8	224.1	201.9	178.7
-70°	341.6	326.8	309.2	288.9	267.6	246.0	226.1	206.6	186.5	167.8	150.0
-72.5°	288.9	275.3	259.4	240.8	222.0	204.0	187.1	171.2	155.6	140.1	124.2
-75°	235.3	224.0	211.4	196.3	181.1	165.9	152.0	139.1	125.9	112.3	98.9
-77.5°	185.5	177.2	168.0	156.1	144.2	132.3	120.6	108.9	98.1	87.9	78.5
-80°	140.3	134.0	127.0	117.5	108.0	98.6	89.3	81.4	74.0	67.2	60.6
-82.5°	97.7	92.7	87.6	80.9	74.2	67.5	61.0	56.2	51.5	46.9	42.5
-85°	58.8	56.0	53.2	49.3	45.7	42.2	39.0	36.3	33.5	30.8	28.0
-87.5°	27.9	25.9	23.9	23.4	22.9	22.3	21.6	19.6	17.7	15.8	14.0
-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: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-NR-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°	0.0	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	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.5	2.8	2.0
67.5°	0.0	0.0	0.0	1.4	2.2	1.9	0.4	1.1	2.7	4.2	3.7
65°	2.2	1.6	0.1	1.7	3.3	4.3	3.2	2.0	2.9	4.5	5.5
62.5°	3.9	5.0	3.7	2.7	3.6	5.2	6.1	4.1	3.4	4.7	6.2
60°	4.3	5.9	6.7	5.2	4.6	5.6	6.6	6.0	4.8	5.0	6.4
57.5°	11.6	7.5	7.5	7.1	6.0	6.1	6.6	6.6	5.9	5.6	6.6
55°	21.6	15.8	11.1	8.9	7.5	6.5	6.8	6.6	6.6	6.1	6.6
52.5°	37.5	27.2	20.0	13.5	10.0	7.5	7.5	6.6	6.6	6.5	6.6
50°	59.8	42.9	31.5	22.6	14.1	11.0	8.5	7.7	6.6	6.6	6.6
47.5°	87.4	64.2	45.9	33.1	23.2	15.0	11.7	9.1	6.6	6.6	6.6
45°	107.9	89.6	64.1	46.4	32.6	22.5	15.8	10.9	8.2	6.8	6.6
42.5°	127.9	111.4	87.2	59.4	44.9	31.0	20.2	14.6	10.0	7.3	6.8
40°	153.7	132.9	109.2	81.0	58.3	39.4	27.4	18.8	12.1	8.4	7.4
37.5°	180.2	157.0	131.1	101.7	73.6	52.3	34.8	23.2	15.2	10.7	8.0
35°	209.9	182.1	152.7	121.6	91.6	65.5	41.9	28.5	19.4	13.1	8.8
32.5°	239.9	206.2	173.0	140.8	108.4	79.1	51.9	35.3	23.5	15.7	9.7
30°	269.0	230.0	191.6	159.3	124.5	93.6	64.4	42.7	27.3	18.3	11.0
27.5°	295.5	253.3	209.6	175.7	140.6	107.1	77.1	50.7	31.1	21.3	13.1
25°	323.2	277.1	230.2	190.3	155.8	120.8	88.8	59.3	36.6	24.4	15.2
22.5°	354.7	301.0	250.0	203.5	171.7	134.1	100.0	69.4	43.3	27.4	17.4
20°	388.5	324.7	269.9	222.2	186.6	147.9	111.1	78.7	50.0	30.2	19.5
17.5°	423.1	350.7	294.0	243.6	201.3	160.7	121.7	87.2	56.8	32.9	21.5
15°	446.6	376.8	315.6	263.6	216.1	172.5	131.7	94.9	63.5	35.4	23.6
12.5°	466.3	399.2	334.7	282.1	230.7	183.4	141.1	101.8	70.0	38.7	25.6
10°	483.7	418.1	351.3	299.1	244.8	193.1	149.7	107.9	76.1	43.0	27.4
7.5°	498.7	433.7	365.7	314.4	258.2	203.0	156.8	113.3	81.3	47.3	29.1
5°	511.2	447.1	377.6	324.3	270.6	213.4	162.8	118.0	85.7	51.6	30.6
2.5°	521.2	459.4	387.9	331.5	281.5	222.9	167.8	122.1	89.5	55.7	31.9
0°	528.5	469.1	396.4	336.9	290.7	231.2	171.8	125.5	92.5	59.5	33.0
-2.5°	533.3	470.7	405.5	343.1	296.2	238.1	179.8	129.8	94.9	62.9	35.0
-5°	535.3	470.5	412.3	347.9	300.2	243.7	186.5	133.2	96.9	65.8	36.8
-7.5°	538.3	472.7	416.0	351.7	302.9	248.0	191.7	135.9	98.3	68.1	38.4
-10°	539.5	474.9	416.9	356.4	305.1	251.0	195.0	137.5	99.4	69.9	39.8
-12.5°	537.9	474.7	416.7	358.9	306.1	252.8	196.8	140.1	100.4	70.9	41.0
-15°	533.7	471.9	415.6	359.2	306.0	253.5	197.3	142.5	102.4	71.2	42.1
-17.5°	527.1	466.5	414.1	357.0	304.7	253.1	196.7	143.6	103.4	70.7	43.1
-20°	520.5	461.4	411.9	352.3	302.4	251.7	195.0	143.4	103.4	69.6	44.0

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Scaled Data Report



REPORT NUMBER: P627658 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	512.0	456.7	404.6	347.5	299.2	249.4	192.3	141.7	102.2	68.1	44.5
-25°	501.2	449.6	396.3	343.8	295.0	244.7	189.1	138.6	99.8	66.0	44.7
-27.5°	490.3	439.9	387.4	338.6	289.2	239.0	184.9	135.7	96.5	63.3	44.6
-30°	477.7	429.0	379.7	331.6	281.2	231.0	178.8	131.1	92.9	62.0	44.1
-32.5°	463.9	418.1	371.1	321.0	271.2	222.0	171.1	124.9	88.7	61.2	43.6
-35°	450.0	405.9	360.6	307.7	260.3	212.3	163.3	116.9	84.0	60.0	43.0
-37.5°	433.7	390.7	343.5	293.5	248.7	201.9	155.9	112.4	78.8	58.3	42.2
-40°	415.1	372.2	324.0	280.1	236.5	190.9	148.0	108.3	75.4	56.0	41.2
-42.5°	394.2	351.4	308.4	266.5	223.7	181.5	139.8	103.1	73.9	54.3	40.0
-45°	372.8	332.6	293.7	252.4	210.8	171.6	133.0	97.5	71.7	52.7	38.7
-47.5°	352.8	316.7	277.8	237.3	199.6	161.6	124.9	93.8	68.5	50.8	37.4
-50°	335.8	299.2	260.3	221.9	186.4	151.3	116.7	88.9	65.9	48.9	35.8
-52.5°	316.3	279.4	241.3	205.0	172.4	139.9	109.6	83.1	62.3	46.4	33.9
-55°	293.2	256.5	220.0	188.2	157.7	129.0	101.3	77.1	57.6	43.7	31.6
-57.5°	266.0	230.4	200.6	171.6	143.0	116.9	92.0	69.9	53.4	40.5	29.1
-60°	238.2	209.4	182.0	153.8	127.4	103.8	81.5	62.6	49.2	37.1	26.3
-62.5°	213.5	187.1	160.2	134.3	111.3	90.0	70.6	57.0	44.5	33.2	23.2
-65°	185.7	160.7	136.6	115.4	95.0	77.0	63.4	50.9	39.4	29.1	20.5
-67.5°	155.8	135.9	115.6	96.3	81.2	68.0	55.7	44.3	34.0	24.7	18.8
-70°	131.7	113.0	96.4	82.7	70.2	58.4	47.5	37.4	28.2	22.1	16.9
-72.5°	108.6	94.3	81.2	69.5	58.6	48.4	38.9	30.7	24.6	19.3	14.9
-75°	86.6	76.2	65.9	55.7	46.5	38.1	31.9	25.8	20.7	16.4	13.1
-77.5°	69.4	60.1	50.6	43.4	37.7	32.0	26.2	20.7	17.2	14.2	11.2
-80°	53.4	46.9	41.2	36.2	31.0	25.8	21.3	17.5	14.8	12.1	9.4
-82.5°	38.3	34.9	31.9	29.0	24.9	21.2	17.8	14.8	12.4	10.0	7.3
-85°	26.1	24.5	23.0	21.7	18.9	16.4	13.6	11.1	8.8	6.7	4.9
-87.5°	13.4	12.7	12.1	11.3	9.7	8.2	6.8	5.6	4.4	3.4	2.5
-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-SA5C-750-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.8	1.5	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	2.0	0.8	0.4	1.4	0.0
65°	3.8	2.8	2.7	1.4	0.5	1.5	0.0
62.5°	5.2	3.7	3.4	2.1	0.7	1.7	0.0
60°	6.5	4.6	4.1	2.8	0.9	1.9	0.0
57.5°	6.6	5.4	4.6	3.5	1.4	2.1	0.0
55°	6.6	6.1	5.1	4.2	2.0	2.2	0.0
52.5°	6.6	6.6	5.5	4.9	2.5	2.4	0.0
50°	6.6	6.6	5.8	5.6	3.0	2.6	0.0
47.5°	6.6	6.6	6.1	6.2	3.4	2.8	0.0
45°	6.6	6.6	6.4	6.4	3.9	3.0	0.0
42.5°	6.6	6.6	6.5	6.6	4.3	3.2	0.0
40°	6.6	6.6	6.6	6.6	4.6	3.4	0.0
37.5°	6.6	6.6	6.6	6.6	4.9	3.6	0.0
35°	6.6	6.6	6.6	6.6	5.2	3.9	0.0
32.5°	6.8	6.6	6.6	6.6	5.5	4.1	0.0
30°	7.5	6.6	6.6	6.6	5.7	4.3	0.0
27.5°	8.2	6.6	6.6	6.6	5.9	4.5	0.0
25°	9.0	6.6	6.6	6.6	6.1	4.7	0.0
22.5°	9.8	6.7	6.6	6.6	6.2	4.9	0.0
20°	10.7	7.2	6.6	6.6	6.3	5.1	0.0
17.5°	11.8	7.8	6.6	6.6	6.4	5.3	0.0
15°	13.2	8.5	6.6	6.6	6.5	5.5	0.0
12.5°	14.5	9.2	6.6	6.6	6.5	5.7	0.0
10°	15.7	10.0	6.6	6.6	6.6	5.9	0.0
7.5°	16.8	10.8	6.6	6.6	6.6	6.1	0.0
5°	17.9	11.6	6.6	6.6	6.6	6.3	0.0
2.5°	18.9	12.4	6.6	6.6	6.6	6.4	0.0
0°	19.8	13.2	6.6	6.6	6.6	6.6	0.0
-2.5°	21.5	13.9	7.2	6.6	6.6	6.6	0.0
-5°	23.1	14.5	7.7	6.6	6.6	6.6	0.0
-7.5°	24.6	15.1	8.3	6.6	6.6	6.5	0.0
-10°	25.9	15.6	8.8	6.6	6.6	6.5	0.0
-12.5°	27.0	16.0	9.2	6.6	6.6	6.4	0.0
-15°	27.8	16.4	9.6	6.6	6.6	6.4	0.0
-17.5°	28.4	16.7	9.9	6.6	6.6	6.3	0.0
-20°	28.7	16.9	10.0	6.6	6.6	6.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.1	17.1	10.1	6.6	6.6	6.1	0.0
-25°	29.3	17.5	10.1	6.6	6.6	6.0	0.0
-27.5°	29.3	17.9	9.9	6.6	6.6	5.9	0.0
-30°	29.1	18.2	9.7	6.6	6.6	5.7	0.0
-32.5°	28.8	18.4	9.7	6.6	6.6	5.6	0.0
-35°	28.7	18.3	9.6	6.6	6.6	5.4	0.0
-37.5°	28.6	18.1	9.3	6.6	6.6	5.2	0.0
-40°	28.2	17.8	9.0	6.6	6.6	5.1	0.0
-42.5°	27.6	17.2	8.9	6.7	6.6	4.9	0.0
-45°	26.8	16.5	9.1	6.8	6.6	4.7	0.0
-47.5°	25.7	15.7	9.3	7.0	6.6	4.5	0.0
-50°	24.4	14.6	9.4	7.1	6.6	4.2	0.0
-52.5°	22.9	13.4	9.4	7.1	6.6	4.0	0.0
-55°	21.1	13.1	9.3	7.1	6.6	3.8	0.0
-57.5°	19.1	12.8	9.2	7.1	6.6	3.5	0.0
-60°	17.1	12.4	9.0	7.1	6.6	3.3	0.0
-62.5°	16.2	11.8	8.8	7.0	6.1	3.0	0.0
-65°	15.2	11.2	8.4	6.9	5.6	2.8	0.0
-67.5°	14.1	10.5	8.1	6.8	5.0	2.5	0.0
-70°	12.8	9.7	7.7	6.6	4.5	2.3	0.0
-72.5°	11.4	8.9	7.2	5.9	4.0	2.0	0.0
-75°	10.0	7.9	6.7	5.1	3.4	1.7	0.0
-77.5°	8.4	7.0	5.7	4.3	2.9	1.4	0.0
-80°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)