

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: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627698 (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-SA5D-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

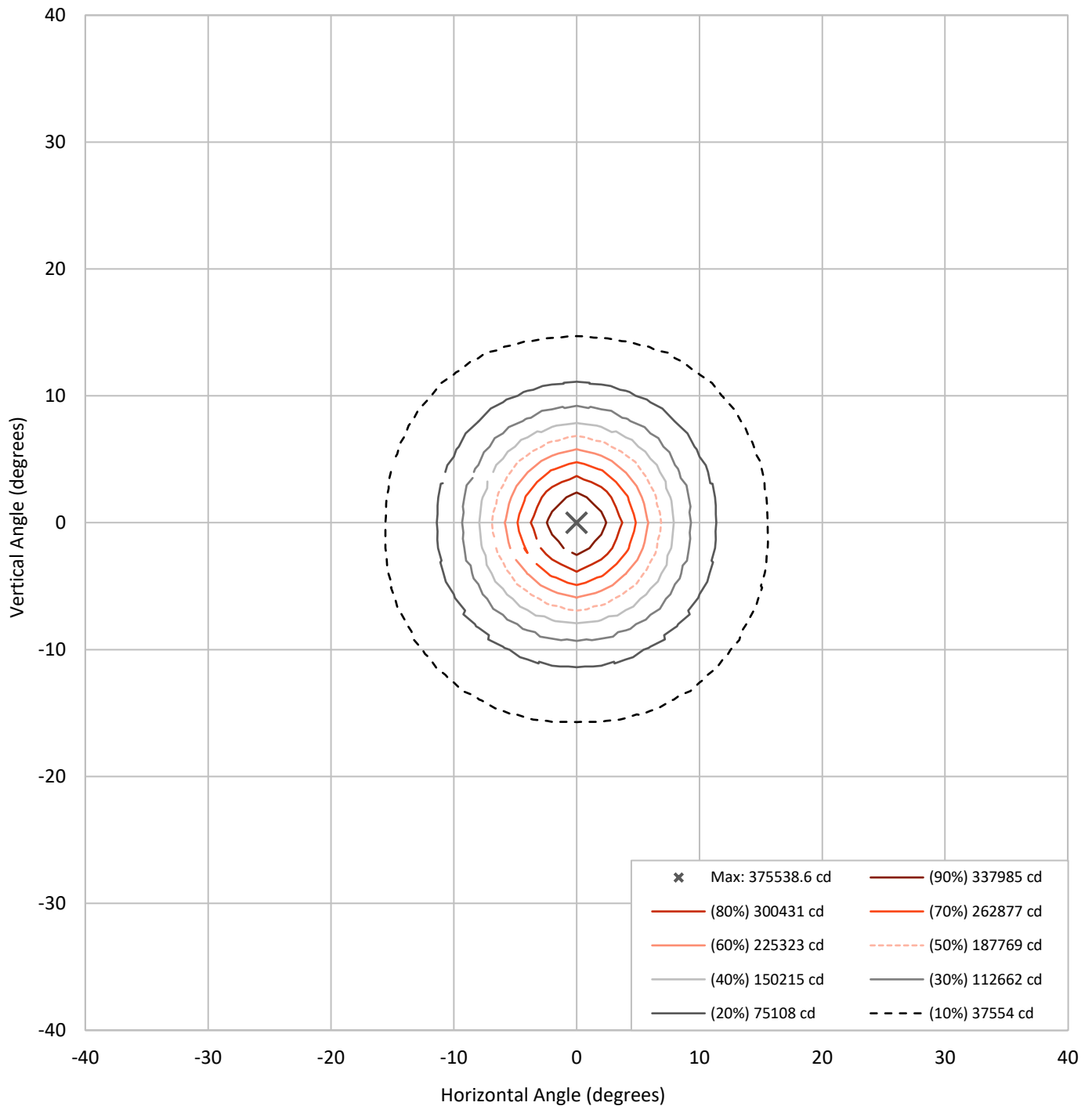
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	37047.6 lumens	Max Intensity:	375538.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	11827.3 lumens	Field Lumens:	26343.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





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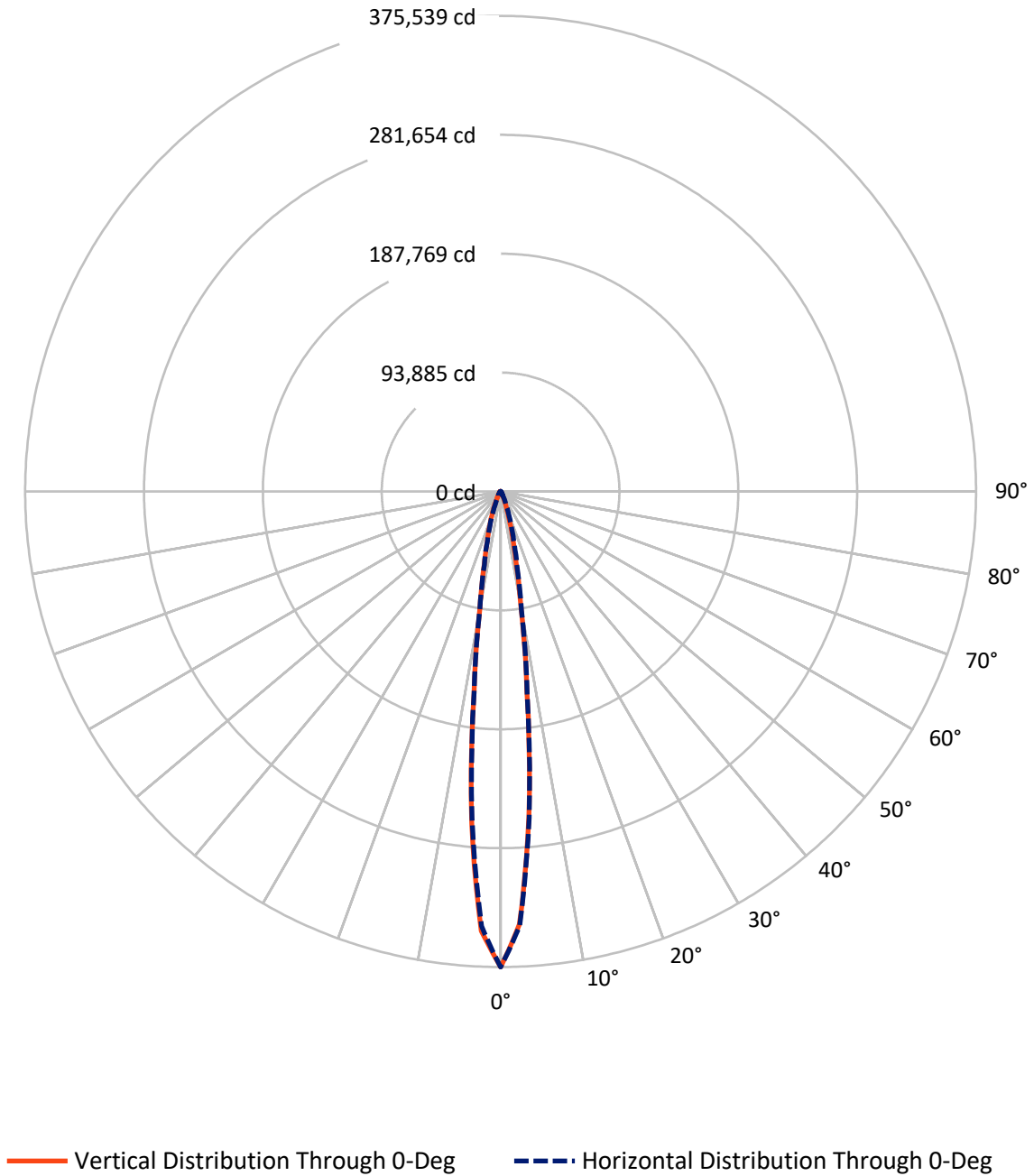
CATALOG NUMBER: GFLD-SA5D-735-U-NR-VSR-XX

### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
70	0.1	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.1	0.0	0.1	
60		0.1	0.2	0.9	2.0	3.3	4.4	5.3	5.3	4.4	3.3	2.0	0.9	0.2	0.1		
50	0.2	0.2	1.1	3.2	6.0	8.9	12.5	14.7	14.7	12.5	8.9	6.0	3.2	1.1	0.2	0.2	
40		0.5	2.6	6.3	11.2	17.7	30.1	38.4	38.4	30.1	17.7	11.2	6.3	2.6	0.5		
30	0.3	1.0	4.1	9.5	17.4	37.7	100.6	166.7	166.7	100.6	37.7	17.4	9.5	4.1	1.0	0.3	
20		1.6	5.7	13.2	28.7	112.6	474.9	1043.9	1043.9	474.9	112.6	28.7	13.2	5.7	1.6		
10	0.6	2.0	6.9	15.5	38.9	211.5	1138.0	5103.6	5103.6	1138.0	211.5	38.9	15.5	6.9	2.0	0.6	
0		2.3	7.5	16.3	41.8	225.3	1177.9	5190.2	5190.2	1177.9	225.3	41.8	16.3	7.5	2.3		
-10	0.7	2.4	7.6	16.0	36.7	143.4	571.8	1223.0	1223.0	571.8	143.4	36.7	16.0	7.6	2.4	0.7	
-20		2.3	7.3	14.7	28.3	67.0	176.2	293.7	293.7	176.2	67.0	28.3	14.7	7.3	2.3		
-30	0.6	2.0	6.5	13.0	22.2	36.8	59.9	76.1	76.1	59.9	36.8	22.2	13.0	6.5	2.0	0.6	
-40		1.7	5.4	10.8	17.9	25.7	34.6	38.6	38.6	34.6	25.7	17.9	10.8	5.4	1.7		
-50	0.4	1.3	4.0	8.5	14.1	19.7	24.9	27.3	27.3	24.9	19.7	14.1	8.5	4.0	1.3	0.4	
-60		0.8	2.5	5.5	9.5	13.8	17.4	19.1	19.1	17.4	13.8	9.5	5.5	2.5	0.8		
-70	0.2	0.8	2.5	5.5	9.5	13.8	17.4	19.1	19.1	17.4	13.8	9.5	5.5	2.5	0.8	0.2	
-80		2.2	9.3	20.5	25.9	20.5	9.3	2.2	0.2								
-90	0.2	2.2	9.3	20.5	25.9	20.5	9.3	2.2	0.2								

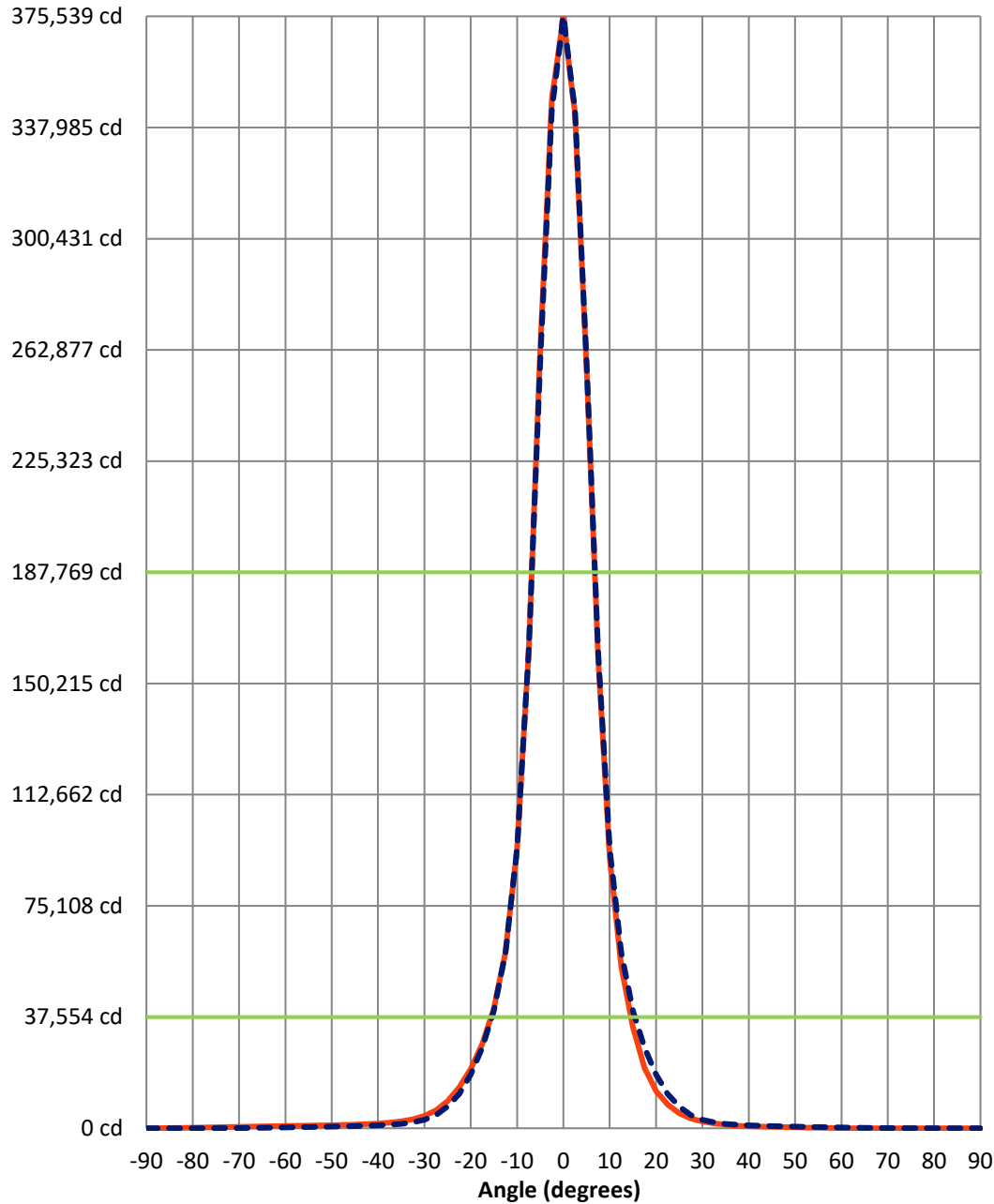
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 11827.3  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 26343.2  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 10704.4  
 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	0.2	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.1	0.1	0.0	0.1	0.7	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.2	0.2	0.0	0.8	1.2	0.4	0.5	1.7	1.7	0.7
70°	0.0	1.4	0.3	0.1	1.6	1.8	0.9	2.4	3.3	2.9	1.1
67.5°	0.0	1.6	0.5	0.9	2.4	2.4	2.8	4.5	5.1	3.2	1.3
65°	0.0	1.8	0.6	1.7	3.2	3.4	4.6	6.6	5.3	3.5	2.4
62.5°	0.0	2.0	0.8	2.5	4.1	4.5	6.2	7.4	5.6	4.1	5.0
60°	0.0	2.2	1.1	3.3	5.0	5.5	7.7	7.7	5.9	5.7	7.2
57.5°	0.0	2.5	1.7	4.2	5.6	6.4	7.9	7.9	6.7	7.0	7.9
55°	0.0	2.7	2.4	5.0	6.1	7.3	7.9	7.9	7.3	7.9	7.9
52.5°	0.0	2.9	3.0	5.9	6.6	7.9	7.9	7.9	7.7	7.9	7.9
50°	0.0	3.1	3.6	6.8	7.0	7.9	7.9	7.9	7.9	7.9	9.2
47.5°	0.0	3.4	4.1	7.5	7.3	7.9	7.9	7.9	7.9	7.9	11.0
45°	0.0	3.6	4.6	7.7	7.6	7.9	7.9	7.9	8.2	9.8	13.1
42.5°	0.0	3.9	5.1	7.8	7.8	7.9	7.9	8.2	8.7	12.1	17.6
40°	0.0	4.1	5.5	7.9	7.9	7.9	7.9	8.8	10.1	14.6	22.6
37.5°	0.0	4.4	5.9	7.9	7.9	7.9	7.9	9.6	12.9	18.4	28.0
35°	0.0	4.6	6.3	7.9	7.9	7.9	7.9	10.6	15.8	23.4	34.3
32.5°	0.0	4.9	6.6	7.9	7.9	7.9	8.1	11.7	18.9	28.3	42.5
30°	0.0	5.1	6.8	7.9	7.9	7.9	9.0	13.2	22.1	32.9	51.4
27.5°	0.0	5.4	7.1	7.9	7.9	7.9	9.9	15.8	25.6	37.4	61.0
25°	0.0	5.6	7.3	7.9	7.9	7.9	10.8	18.3	29.4	44.1	71.3
22.5°	0.0	5.9	7.4	7.9	7.9	8.0	11.8	20.9	33.0	52.1	83.5
20°	0.0	6.2	7.6	7.9	7.9	8.6	12.8	23.5	36.4	60.2	94.7
17.5°	0.0	6.4	7.7	7.9	7.9	9.4	14.3	25.9	39.6	68.4	104.9
15°	0.0	6.6	7.8	7.9	7.9	10.2	15.9	28.4	42.6	76.4	114.2
12.5°	0.0	6.9	7.8	7.9	7.9	11.1	17.4	30.8	46.6	84.3	122.5
10°	0.0	7.1	7.9	7.9	7.9	12.0	18.8	33.0	51.7	91.5	129.8
7.5°	0.0	7.3	7.9	7.9	7.9	13.0	20.2	35.0	56.9	97.8	136.3
5°	0.0	7.5	7.9	7.9	7.9	14.0	21.5	36.8	62.0	103.2	142.0
2.5°	0.0	7.7	7.9	7.9	7.9	15.0	22.7	38.3	66.9	107.6	146.9
0°	0.0	7.9	7.9	7.9	7.9	15.9	23.8	39.7	71.5	111.3	151.0
-2.5°	0.0	7.9	7.9	7.9	8.6	16.7	25.9	42.1	75.6	114.2	156.1
-5°	0.0	7.9	7.9	7.9	9.3	17.5	27.8	44.3	79.1	116.6	160.4
-7.5°	0.0	7.8	7.9	7.9	9.9	18.2	29.6	46.2	81.9	118.3	163.5
-10°	0.0	7.8	7.9	7.9	10.5	18.8	31.1	47.9	84.0	119.6	165.5
-12.5°	0.0	7.7	7.9	7.9	11.1	19.3	32.4	49.4	85.3	120.8	168.6
-15°	0.0	7.6	7.9	7.9	11.5	19.7	33.4	50.6	85.6	123.2	171.5
-17.5°	0.0	7.5	7.9	7.9	11.8	20.1	34.1	51.8	85.0	124.4	172.8
-20°	0.0	7.4	7.9	7.9	12.1	20.3	34.6	52.9	83.8	124.4	172.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5D-735-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	7.3	7.9	7.9	12.2	20.5	35.0	53.5	81.9	123.0	170.5
-25°	0.0	7.2	7.9	7.9	12.1	21.0	35.2	53.8	79.4	120.1	166.8
-27.5°	0.0	7.0	7.9	7.9	12.0	21.6	35.2	53.6	76.2	116.0	163.2
-30°	0.0	6.8	7.9	7.9	11.7	21.9	35.0	53.0	74.6	111.7	157.7
-32.5°	0.0	6.7	7.9	7.9	11.6	22.1	34.6	52.4	73.6	106.8	150.2
-35°	0.0	6.5	7.9	7.9	11.5	22.1	34.6	51.7	72.1	101.1	140.7
-37.5°	0.0	6.3	7.9	7.9	11.2	21.8	34.4	50.7	70.0	94.8	135.2
-40°	0.0	6.1	7.9	7.9	10.8	21.4	34.0	49.5	67.4	90.7	130.3
-42.5°	0.0	5.8	7.9	8.0	10.7	20.7	33.3	48.1	65.2	88.9	124.1
-45°	0.0	5.6	7.9	8.2	11.0	19.9	32.3	46.6	63.3	86.2	117.3
-47.5°	0.0	5.3	7.9	8.3	11.1	18.8	31.0	45.0	61.2	82.4	112.8
-50°	0.0	5.1	7.9	8.5	11.3	17.6	29.4	43.1	58.8	79.3	107.0
-52.5°	0.0	4.8	7.9	8.5	11.3	16.2	27.5	40.7	55.9	74.9	100.0
-55°	0.0	4.5	7.9	8.6	11.2	15.7	25.4	38.0	52.5	69.3	92.7
-57.5°	0.0	4.2	7.9	8.6	11.1	15.3	23.0	35.0	48.8	64.2	84.0
-60°	0.0	3.9	7.9	8.5	10.8	14.8	20.6	31.6	44.6	59.1	75.3
-62.5°	0.0	3.6	7.3	8.4	10.5	14.2	19.5	28.0	40.0	53.5	68.5
-65°	0.0	3.3	6.7	8.3	10.1	13.5	18.3	24.6	35.0	47.4	61.2
-67.5°	0.0	3.0	6.0	8.1	9.7	12.6	16.9	22.6	29.7	40.9	53.3
-70°	0.0	2.7	5.4	7.9	9.2	11.7	15.4	20.4	26.5	33.9	45.0
-72.5°	0.0	2.4	4.7	7.1	8.6	10.6	13.8	18.0	23.2	29.5	36.9
-75°	0.0	2.0	4.1	6.1	8.0	9.5	12.0	15.7	19.7	24.9	31.0
-77.5°	0.0	1.7	3.4	5.1	6.8	8.3	10.1	13.5	17.1	20.7	24.9
-80°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	11.3	14.6	17.8	21.0
-82.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	8.8	12.0	14.9	17.8
-85°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	5.9	8.1	10.6	13.4
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	3.0	4.1	5.3	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.3	2.7	1.7	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.9	5.1	3.9	2.1	0.1	1.9	2.7	2.1	0.2	0.0	0.0
62.5°	7.3	6.2	4.4	3.3	4.5	6.0	4.7	2.7	0.7	3.8	5.6
60°	7.9	6.7	5.5	6.3	8.0	7.1	5.2	7.7	11.7	14.7	17.7
57.5°	7.9	7.3	7.2	8.5	9.0	9.0	13.9	18.7	26.4	32.8	37.1
55°	8.1	7.8	9.0	10.7	13.3	19.0	25.9	36.6	45.1	58.2	69.4
52.5°	9.0	8.9	12.1	16.3	24.0	32.8	45.1	60.1	77.2	90.0	103.5
50°	10.3	13.3	17.0	27.2	37.9	51.6	71.9	93.8	108.2	122.6	142.0
47.5°	14.1	18.0	27.9	39.8	55.3	77.2	105.2	121.0	135.1	157.7	181.8
45°	19.1	27.0	39.3	55.7	77.0	107.8	129.8	142.7	167.2	193.3	220.8
42.5°	24.4	37.3	54.0	71.4	104.9	134.1	154.0	174.5	199.2	229.7	259.6
40°	33.0	47.4	70.1	97.4	131.5	160.0	184.9	208.5	232.7	272.7	304.4
37.5°	41.9	62.9	88.5	122.4	157.8	188.9	216.8	246.3	281.1	326.1	354.6
35°	50.4	78.8	110.2	146.3	183.8	219.1	252.6	287.1	332.1	374.7	408.8
32.5°	62.4	95.2	130.5	169.5	208.1	248.1	288.7	330.0	374.3	417.9	462.5
30°	77.5	112.6	149.8	191.6	230.5	276.7	323.8	367.5	412.1	458.0	508.5
27.5°	92.7	128.9	169.1	211.4	252.2	304.8	355.6	401.2	446.9	496.4	554.0
25°	106.8	145.3	187.4	229.0	276.9	333.4	389.0	441.7	480.5	536.8	604.1
22.5°	120.3	161.4	206.6	244.9	300.8	362.2	426.8	483.6	529.5	579.8	656.2
20°	133.7	177.9	224.5	267.4	324.7	390.7	467.4	526.0	583.0	647.7	725.7
17.5°	146.4	193.3	242.2	293.2	353.7	422.0	509.1	568.7	636.8	714.4	812.6
15°	158.5	207.6	260.0	317.2	379.7	453.4	537.4	611.8	693.2	782.7	898.8
12.5°	169.7	220.6	277.6	339.4	402.7	480.3	561.0	640.2	733.9	851.0	997.0
10°	180.1	232.4	294.5	359.8	422.7	503.1	581.9	664.3	763.2	891.8	1059.0
7.5°	188.7	244.3	310.6	378.3	440.0	521.9	600.0	684.2	787.6	925.5	1100.6
5°	195.9	256.7	325.6	390.2	454.3	538.0	615.1	700.0	807.1	951.9	1130.4
2.5°	201.9	268.2	338.7	398.9	466.6	552.8	627.1	717.4	826.9	972.4	1158.4
0°	206.7	278.2	349.8	405.4	476.9	564.4	635.9	731.3	842.6	985.7	1184.4
-2.5°	216.3	286.5	356.4	412.9	487.8	566.3	641.7	733.3	848.5	996.0	1189.2
-5°	224.4	293.2	361.2	418.6	496.0	566.1	644.1	731.6	850.6	1001.9	1197.9
-7.5°	230.6	298.3	364.4	423.1	500.5	568.7	647.7	737.3	856.7	1007.3	1209.1
-10°	234.7	302.0	367.1	428.8	501.6	571.4	649.1	738.5	855.7	1003.9	1203.0
-12.5°	236.8	304.2	368.3	431.9	501.3	571.1	647.2	735.1	846.9	991.3	1178.4
-15°	237.5	305.0	368.2	432.2	500.1	567.7	642.2	726.8	831.1	970.1	1139.8
-17.5°	236.8	304.5	366.6	429.6	498.3	561.2	634.2	715.5	815.2	945.0	1108.5
-20°	234.7	302.9	363.9	423.9	495.7	555.1	626.3	704.9	798.5	916.2	1062.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	231.4	300.1	360.0	418.1	486.8	549.5	616.0	690.9	774.9	881.2	1011.1
-25°	227.6	294.5	354.9	413.6	476.8	540.9	603.0	674.2	751.3	853.5	970.4
-27.5°	222.5	287.6	348.0	407.4	466.2	529.3	589.9	657.1	733.6	823.7	928.2
-30°	215.2	277.9	338.4	398.9	456.9	516.2	574.7	638.8	710.8	795.8	892.3
-32.5°	205.9	267.2	326.3	386.2	446.4	503.0	558.1	619.7	687.3	761.8	853.6
-35°	196.4	255.5	313.2	370.2	433.8	488.3	541.4	597.9	660.8	730.1	804.8
-37.5°	187.6	243.0	299.2	353.1	413.3	470.1	521.8	575.4	633.6	697.2	765.0
-40°	178.1	229.6	284.5	337.1	389.8	447.8	499.4	551.2	604.9	668.6	729.1
-42.5°	168.2	218.3	269.2	320.6	371.0	422.8	474.3	524.0	580.6	641.0	700.3
-45°	160.0	206.5	253.6	303.7	353.4	400.2	448.5	494.9	552.5	612.8	670.8
-47.5°	150.3	194.4	240.1	285.5	334.2	381.1	424.5	471.4	520.4	577.3	638.1
-50°	140.4	182.1	224.3	267.0	313.2	360.0	404.1	447.5	493.7	540.4	592.9
-52.5°	131.8	168.3	207.4	246.6	290.4	336.2	380.6	424.0	466.6	510.5	555.3
-55°	121.8	155.2	189.7	226.4	264.8	308.6	352.8	395.1	438.4	479.6	523.4
-57.5°	110.7	140.7	172.1	206.5	241.3	277.3	320.1	362.2	403.0	444.5	489.8
-60°	98.0	124.8	153.4	185.0	219.0	252.0	286.7	325.7	365.1	404.4	446.2
-62.5°	84.9	108.2	133.9	161.6	192.8	225.2	256.9	290.2	325.6	359.8	396.0
-65°	76.2	92.6	114.2	138.8	164.4	193.4	223.4	254.1	285.3	314.4	342.3
-67.5°	67.0	81.8	97.7	115.8	139.1	163.5	187.5	215.0	242.9	269.7	295.7
-70°	57.1	70.2	84.4	99.5	116.0	136.0	158.4	180.4	201.9	224.4	248.5
-72.5°	46.7	58.2	70.4	83.6	97.6	113.4	130.7	149.5	168.7	187.2	206.0
-75°	38.3	45.9	56.0	67.0	79.2	91.6	104.1	119.0	135.2	151.5	167.4
-77.5°	31.6	38.5	45.4	52.2	60.9	72.3	83.4	94.4	105.7	118.0	131.1
-80°	25.7	31.1	37.3	43.6	49.6	56.4	64.2	72.9	80.8	89.0	98.0
-82.5°	21.4	25.5	30.0	34.9	38.4	42.0	46.2	51.2	56.5	62.0	67.6
-85°	16.4	19.8	22.8	26.0	27.7	29.4	31.4	33.6	37.0	40.4	43.7
-87.5°	8.2	9.9	11.7	13.6	14.5	15.3	16.1	16.8	19.0	21.3	23.6
-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: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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	0.1	0.0	0.0	0.1	1.5	2.0	1.7	0.7	0.0	0.0
62.5°	4.7	3.8	6.1	8.2	9.0	8.7	8.1	7.2	6.1	5.7	6.5
60°	19.1	18.7	26.1	29.6	27.0	19.0	29.9	35.3	33.9	29.1	28.9
57.5°	46.7	56.7	64.0	67.1	77.7	94.7	97.9	92.3	90.3	92.1	106.4
55°	80.9	89.0	93.2	107.6	120.3	129.6	135.1	140.6	148.7	158.7	169.0
52.5°	114.4	125.5	134.0	146.9	162.2	167.5	166.1	185.7	201.1	210.9	214.9
50°	157.0	170.9	190.7	210.9	219.7	228.3	237.3	253.4	276.9	306.2	323.0
47.5°	203.0	224.9	245.7	268.8	280.4	289.5	303.0	331.2	364.7	396.2	412.6
45°	244.5	263.9	287.7	307.6	322.1	339.6	359.1	384.5	422.0	455.0	477.7
42.5°	277.7	299.7	324.1	348.2	362.9	386.6	416.2	450.8	490.1	524.3	549.7
40°	324.4	343.0	381.8	404.7	410.5	432.6	492.1	539.4	583.7	625.9	647.0
37.5°	380.7	416.9	457.3	478.2	498.6	537.7	617.3	693.6	750.1	807.2	838.5
35°	444.7	492.3	547.3	572.0	615.9	701.0	794.4	900.6	1032.8	1088.2	1138.6
32.5°	506.9	560.2	611.0	666.2	743.0	844.7	950.0	1122.2	1283.0	1407.5	1498.4
30°	562.1	618.6	681.6	752.6	860.9	1001.0	1177.0	1399.7	1626.3	1824.1	1991.4
27.5°	616.6	680.9	755.8	861.8	1014.1	1204.4	1485.3	1803.0	2181.4	2460.1	2792.8
25°	676.5	749.9	846.1	999.7	1205.2	1489.8	1938.7	2454.8	3075.1	3578.0	4104.4
22.5°	747.2	855.7	977.6	1148.9	1507.8	1976.8	2590.2	3472.1	4426.3	5308.6	6158.2
20°	832.7	981.1	1176.7	1492.0	1952.8	2646.2	3711.8	5119.4	6522.7	8017.2	9455.9
17.5°	954.6	1168.5	1472.4	1921.2	2528.6	3900.1	5629.1	7806.2	10603.3	13138.1	15351.1
15°	1069.0	1324.6	1804.5	2475.4	3534.9	5352.6	7978.7	11572.1	15931.3	19904.1	24100.0
12.5°	1189.1	1490.9	2042.1	2896.3	4368.4	6734.8	10425.3	15349.0	20807.4	26794.8	33614.9
10°	1284.2	1650.7	2310.6	3393.7	5208.3	8155.1	12551.0	18522.4	25775.8	34636.9	45539.2
7.5°	1348.5	1778.7	2532.4	3757.7	5981.5	9607.7	14899.5	22076.9	31144.9	42884.0	58139.1
5°	1398.7	1876.4	2699.2	4089.7	6635.6	10716.5	16639.5	25189.5	35916.6	51644.8	77498.0
2.5°	1439.0	1951.3	2802.3	4318.3	7046.1	11488.5	17806.9	26950.5	38757.0	58121.9	91662.9
0°	1470.5	2019.0	2869.6	4459.3	7360.7	11565.7	18171.2	27272.7	39776.4	59291.0	94711.3
-2.5°	1483.9	2055.3	2892.6	4490.3	7329.2	11698.2	18282.4	27530.1	39738.0	58650.4	91306.7
-5°	1506.3	2054.7	2875.2	4458.7	7164.9	11355.5	17556.4	26089.6	37340.7	53606.1	80360.8
-7.5°	1522.3	2021.9	2792.0	4256.7	6734.8	10614.7	16280.5	23703.1	32977.4	45327.4	61897.4
-10°	1507.6	1959.0	2653.2	3917.8	6066.1	9426.2	14340.5	20552.5	28260.3	37412.7	48670.8
-12.5°	1450.9	1842.9	2426.8	3443.0	5200.0	8094.9	12388.6	17677.7	23382.7	29810.3	37589.8
-15°	1379.2	1717.8	2222.7	3117.4	4557.8	6775.3	9910.1	14200.8	18777.2	23657.5	28861.7
-17.5°	1323.4	1607.9	2026.0	2673.7	3733.1	5496.3	7959.7	11007.8	14370.9	18086.5	21170.4
-20°	1247.7	1472.5	1823.6	2352.5	3160.8	4329.0	6123.1	8337.5	10556.8	13169.2	15299.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	1172.0	1367.8	1634.9	2022.0	2623.5	3506.0	4614.5	6093.1	7716.0	9215.5	10691.5
-25°	1101.7	1252.5	1468.6	1786.1	2194.1	2796.4	3585.4	4433.6	5503.3	6416.1	7429.0
-27.5°	1044.8	1174.3	1333.7	1566.5	1883.1	2270.5	2835.5	3403.9	3966.4	4427.1	5124.5
-30°	989.8	1094.1	1227.4	1393.4	1630.7	1929.3	2296.0	2664.7	2989.4	3285.6	3648.7
-32.5°	935.9	1020.7	1123.0	1260.7	1431.0	1655.5	1880.9	2145.1	2370.8	2579.1	2771.8
-35°	881.8	957.3	1035.2	1151.4	1287.2	1446.6	1610.4	1789.5	1945.7	2086.0	2210.1
-37.5°	832.9	899.3	972.6	1059.0	1168.5	1288.5	1422.3	1552.3	1655.5	1746.6	1821.8
-40°	791.7	852.1	914.8	984.1	1067.3	1162.0	1275.7	1384.1	1456.3	1511.9	1557.6
-42.5°	754.9	808.0	861.5	920.3	984.2	1066.2	1155.9	1245.4	1294.4	1337.4	1370.4
-45°	725.4	766.1	811.1	861.3	918.0	986.6	1057.1	1119.0	1162.5	1199.5	1227.1
-47.5°	686.3	725.6	764.5	806.0	858.8	916.0	974.3	1021.8	1059.9	1092.1	1113.2
-50°	643.3	684.6	720.3	756.7	805.3	853.8	900.7	940.0	976.4	1008.0	1024.6
-52.5°	598.8	643.2	680.6	716.1	756.9	799.2	841.5	875.2	906.9	936.7	949.3
-55°	566.7	607.6	646.3	679.7	713.3	747.1	781.7	816.6	848.0	876.3	884.7
-57.5°	532.1	573.7	611.9	642.0	672.3	702.8	734.5	766.0	796.3	823.4	830.3
-60°	489.8	535.0	568.9	597.3	626.7	656.9	684.5	712.5	740.7	764.4	772.0
-62.5°	436.1	477.2	510.8	540.6	569.1	595.3	622.1	648.3	673.8	692.4	698.6
-65°	371.8	406.7	441.2	472.5	500.5	525.9	550.6	574.6	597.6	614.1	622.2
-67.5°	321.0	346.1	373.9	400.7	429.0	455.0	477.3	498.4	518.2	532.1	540.8
-70°	272.0	295.9	321.9	347.6	372.1	393.3	411.1	428.4	445.3	457.6	466.9
-72.5°	225.1	245.4	267.1	289.7	312.1	331.3	347.6	363.1	377.6	388.2	396.8
-75°	182.9	199.6	217.9	236.1	254.3	269.5	283.2	296.5	309.4	318.8	326.6
-77.5°	145.1	159.2	173.5	187.9	202.2	213.2	223.3	233.1	242.6	250.0	256.8
-80°	107.5	118.6	130.0	141.5	152.9	161.3	168.8	176.0	182.8	187.1	191.0
-82.5°	73.4	81.2	89.2	97.2	105.3	111.5	117.5	123.4	129.2	131.3	132.7
-85°	46.9	50.8	54.9	59.3	63.9	67.4	70.6	73.8	76.7	79.5	82.1
-87.5°	26.0	26.8	27.5	28.2	28.8	31.2	33.6	36.0	38.3	38.8	39.1
-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: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-735-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	0.7	1.7
62.5°	7.1	7.5	7.8	7.9	7.8	7.5	7.1	6.5	5.7	6.1	7.2
60°	27.1	24.2	23.6	23.8	23.6	24.2	27.1	28.9	29.1	33.9	35.3
57.5°	120.9	134.5	138.2	135.1	138.2	134.5	120.9	106.4	92.1	90.3	92.3
55°	176.0	180.2	182.1	182.8	182.1	180.2	176.0	169.0	158.7	148.7	140.6
52.5°	215.8	214.4	214.1	214.6	214.1	214.4	215.8	214.9	210.9	201.1	185.7
50°	324.4	318.4	316.1	318.0	316.1	318.4	324.4	323.0	306.2	276.9	253.4
47.5°	414.6	416.4	419.2	421.3	419.2	416.4	414.6	412.6	396.2	364.7	331.2
45°	484.1	488.4	491.2	492.8	491.2	488.4	484.1	477.7	455.0	422.0	384.5
42.5°	555.2	555.7	554.9	556.4	554.9	555.7	555.2	549.7	524.3	490.1	450.8
40°	655.5	657.6	655.4	651.8	655.4	657.6	655.5	647.0	625.9	583.7	539.4
37.5°	856.6	859.5	850.0	842.6	850.0	859.5	856.6	838.5	807.2	750.1	693.6
35°	1184.7	1218.6	1234.8	1240.0	1234.8	1218.6	1184.7	1138.6	1088.2	1032.8	900.6
32.5°	1561.4	1608.6	1632.3	1653.4	1632.3	1608.6	1561.4	1498.4	1407.5	1283.0	1122.2
30°	2101.1	2188.3	2226.8	2281.3	2226.8	2188.3	2101.1	1991.4	1824.1	1626.3	1399.7
27.5°	2981.8	3135.1	3220.0	3298.8	3220.0	3135.1	2981.8	2792.8	2460.1	2181.4	1803.0
25°	4486.9	4782.2	4973.3	5063.5	4973.3	4782.2	4486.9	4104.4	3578.0	3075.1	2454.8
22.5°	6980.2	7524.5	7944.3	8028.4	7944.3	7524.5	6980.2	6158.2	5308.6	4426.3	3472.1
20°	10851.7	11630.5	12264.1	12583.1	12264.1	11630.5	10851.7	9455.9	8017.2	6522.7	5119.4
17.5°	17987.1	19607.0	20346.9	20468.5	20346.9	19607.0	17987.1	15351.1	13138.1	10603.3	7806.2
15°	28602.3	31343.5	33083.7	34204.2	33083.7	31343.5	28602.3	24100.0	19904.1	15931.3	11572.1
12.5°	40714.2	48503.2	52935.2	54624.9	52935.2	48503.2	40714.2	33614.9	26794.8	20807.4	15349.0
10°	57152.5	75489.0	86066.1	91388.7	86066.1	75489.0	57152.5	45539.2	34636.9	25775.8	18522.4
7.5°	85052.4	113373.2	144751.5	159268.5	144751.5	113373.2	85052.4	58139.1	42884.0	31144.9	22076.9
5°	114381.8	176562.8	231139.7	257274.6	231139.7	176562.8	114381.8	77498.0	51644.8	35916.6	25189.5
2.5°	148091.3	231948.3	309480.9	342081.6	309480.9	231948.3	148091.3	91662.9	58121.9	38757.0	26950.5
0°	161064.9	258745.1	343540.2	375538.6	343540.2	258745.1	161064.9	94711.3	59291.0	39776.4	27272.7
-2.5°	150097.0	236010.9	310813.0	347375.5	310813.0	236010.9	150097.0	91306.7	58650.4	39738.0	27530.1
-5°	119259.8	177535.9	232934.1	262727.6	232934.1	177535.9	119259.8	80360.8	53606.1	37340.7	26089.6
-7.5°	87529.3	119254.2	150020.3	160778.8	150020.3	119254.2	87529.3	61897.4	45327.4	32977.4	23703.1
-10°	60939.6	79106.4	91098.4	94520.6	91098.4	79106.4	60939.6	48670.8	37412.7	28260.3	20552.5
-12.5°	45180.6	53126.7	58655.5	59616.9	58655.5	53126.7	45180.6	37589.8	29810.3	23382.7	17677.7
-15°	33455.1	37496.0	40347.5	40539.5	40347.5	37496.0	33455.1	28861.7	23657.5	18777.2	14200.8
-17.5°	24455.8	27168.3	28607.3	28504.8	28607.3	27168.3	24455.8	21170.4	18086.5	14370.9	11007.8
-20°	17487.3	19122.3	20281.8	20055.1	20281.8	19122.3	17487.3	15299.7	13169.2	10556.8	8337.5

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REPORT NUMBER: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	12193.4	13278.8	13958.2	13783.4	13958.2	13278.8	12193.4	10691.5	9215.5	7716.0	6093.1
-25°	8285.2	8876.6	9213.1	9157.2	9213.1	8876.6	8285.2	7429.0	6416.1	5503.3	4433.6
-27.5°	5645.9	5958.2	6062.5	6057.1	6062.5	5958.2	5645.9	5124.5	4427.1	3966.4	3403.9
-30°	3918.8	4128.7	4248.7	4173.2	4248.7	4128.7	3918.8	3648.7	3285.6	2989.4	2664.7
-32.5°	2920.7	3039.1	3107.6	3036.5	3107.6	3039.1	2920.7	2771.8	2579.1	2370.8	2145.1
-35°	2301.8	2361.6	2385.8	2344.9	2385.8	2361.6	2301.8	2210.1	2086.0	1945.7	1789.5
-37.5°	1876.6	1911.7	1923.6	1899.8	1923.6	1911.7	1876.6	1821.8	1746.6	1655.5	1552.3
-40°	1590.1	1611.6	1616.9	1597.7	1616.9	1611.6	1590.1	1557.6	1511.9	1456.3	1384.1
-42.5°	1391.3	1404.2	1407.2	1399.0	1407.2	1404.2	1391.3	1370.4	1337.4	1294.4	1245.4
-45°	1243.4	1254.4	1256.5	1248.0	1256.5	1254.4	1243.4	1227.1	1199.5	1162.5	1119.0
-47.5°	1123.7	1130.5	1132.2	1128.7	1132.2	1130.5	1123.7	1113.2	1092.1	1059.9	1021.8
-50°	1032.1	1036.7	1037.1	1033.4	1037.1	1036.7	1032.1	1024.6	1008.0	976.4	940.0
-52.5°	955.3	958.5	960.7	961.8	960.7	958.5	955.3	949.3	936.7	906.9	875.2
-55°	890.6	894.8	897.4	898.2	897.4	894.8	890.6	884.7	876.3	848.0	816.6
-57.5°	835.7	839.5	841.8	842.6	841.8	839.5	835.7	830.3	823.4	796.3	766.0
-60°	778.3	782.9	785.9	786.9	785.9	782.9	778.3	772.0	764.4	740.7	712.5
-62.5°	702.6	704.7	706.7	707.5	706.7	704.7	702.6	698.6	692.4	673.8	648.3
-65°	628.4	632.7	635.1	635.9	635.1	632.7	628.4	622.2	614.1	597.6	574.6
-67.5°	547.9	553.5	559.4	564.4	559.4	553.5	547.9	540.8	532.1	518.2	498.4
-70°	475.1	482.1	484.4	484.9	484.4	482.1	475.1	466.9	457.6	445.3	428.4
-72.5°	404.3	411.0	416.6	421.3	416.6	411.0	404.3	396.8	388.2	377.6	363.1
-75°	333.7	339.9	341.4	341.8	341.4	339.9	333.7	326.6	318.8	309.4	296.5
-77.5°	263.0	268.7	270.0	270.3	270.0	268.7	263.0	256.8	250.0	242.6	233.1
-80°	194.5	197.7	202.4	206.7	202.4	197.7	194.5	191.0	187.1	182.8	176.0
-82.5°	133.8	134.6	135.0	135.1	135.0	134.6	133.8	132.7	131.3	129.2	123.4
-85°	84.6	87.0	87.3	87.4	87.3	87.0	84.6	82.1	79.5	76.7	73.8
-87.5°	39.4	39.5	39.7	39.7	39.7	39.5	39.4	39.1	38.8	38.3	36.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	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	0.5
65°	2.0	1.5	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.1
62.5°	8.1	8.7	9.0	8.2	6.1	3.8	4.7	5.6	3.8	0.7	2.7
60°	29.9	19.0	27.0	29.6	26.1	18.7	19.1	17.7	14.7	11.7	7.7
57.5°	97.9	94.7	77.7	67.1	64.0	56.7	46.7	37.1	32.8	26.4	18.7
55°	135.1	129.6	120.3	107.6	93.2	89.0	80.9	69.4	58.2	45.1	36.6
52.5°	166.1	167.5	162.2	146.9	134.0	125.5	114.4	103.5	90.0	77.2	60.1
50°	237.3	228.3	219.7	210.9	190.7	170.9	157.0	142.0	122.6	108.2	93.8
47.5°	303.0	289.5	280.4	268.8	245.7	224.9	203.0	181.8	157.7	135.1	121.0
45°	359.1	339.6	322.1	307.6	287.7	263.9	244.5	220.8	193.3	167.2	142.7
42.5°	416.2	386.6	362.9	348.2	324.1	299.7	277.7	259.6	229.7	199.2	174.5
40°	492.1	432.6	410.5	404.7	381.8	343.0	324.4	304.4	272.7	232.7	208.5
37.5°	617.3	537.7	498.6	478.2	457.3	416.9	380.7	354.6	326.1	281.1	246.3
35°	794.4	701.0	615.9	572.0	547.3	492.3	444.7	408.8	374.7	332.1	287.1
32.5°	950.0	844.7	743.0	666.2	611.0	560.2	506.9	462.5	417.9	374.3	330.0
30°	1177.0	1001.0	860.9	752.6	681.6	618.6	562.1	508.5	458.0	412.1	367.5
27.5°	1485.3	1204.4	1014.1	861.8	755.8	680.9	616.6	554.0	496.4	446.9	401.2
25°	1938.7	1489.8	1205.2	999.7	846.1	749.9	676.5	604.1	536.8	480.5	441.7
22.5°	2590.2	1976.8	1507.8	1148.9	977.6	855.7	747.2	656.2	579.8	529.5	483.6
20°	3711.8	2646.2	1952.8	1492.0	1176.7	981.1	832.7	725.7	647.7	583.0	526.0
17.5°	5629.1	3900.1	2528.6	1921.2	1472.4	1168.5	954.6	812.6	714.4	636.8	568.7
15°	7978.7	5352.6	3534.9	2475.4	1804.5	1324.6	1069.0	898.8	782.7	693.2	611.8
12.5°	10425.3	6734.8	4368.4	2896.3	2042.1	1490.9	1189.1	997.0	851.0	733.9	640.2
10°	12551.0	8155.1	5208.3	3393.7	2310.6	1650.7	1284.2	1059.0	891.8	763.2	664.3
7.5°	14899.5	9607.7	5981.5	3757.7	2532.4	1778.7	1348.5	1100.6	925.5	787.6	684.2
5°	16639.5	10716.5	6635.6	4089.7	2699.2	1876.4	1398.7	1130.4	951.9	807.1	700.0
2.5°	17806.9	11488.5	7046.1	4318.3	2802.3	1951.3	1439.0	1158.4	972.4	826.9	717.4
0°	18171.2	11565.7	7360.7	4459.3	2869.6	2019.0	1470.5	1184.4	985.7	842.6	731.3
-2.5°	18282.4	11698.2	7329.2	4490.3	2892.6	2055.3	1483.9	1189.2	996.0	848.5	733.3
-5°	17556.4	11355.5	7164.9	4458.7	2875.2	2054.7	1506.3	1197.9	1001.9	850.6	731.6
-7.5°	16280.5	10614.7	6734.8	4256.7	2792.0	2021.9	1522.3	1209.1	1007.3	856.7	737.3
-10°	14340.5	9426.2	6066.1	3917.8	2653.2	1959.0	1507.6	1203.0	1003.9	855.7	738.5
-12.5°	12388.6	8094.9	5200.0	3443.0	2426.8	1842.9	1450.9	1178.4	991.3	846.9	735.1
-15°	9910.1	6775.3	4557.8	3117.4	2222.7	1717.8	1379.2	1139.8	970.1	831.1	726.8
-17.5°	7959.7	5496.3	3733.1	2673.7	2026.0	1607.9	1323.4	1108.5	945.0	815.2	715.5
-20°	6123.1	4329.0	3160.8	2352.5	1823.6	1472.5	1247.7	1062.5	916.2	798.5	704.9

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REPORT NUMBER: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4614.5	3506.0	2623.5	2022.0	1634.9	1367.8	1172.0	1011.1	881.2	774.9	690.9
-25°	3585.4	2796.4	2194.1	1786.1	1468.6	1252.5	1101.7	970.4	853.5	751.3	674.2
-27.5°	2835.5	2270.5	1883.1	1566.5	1333.7	1174.3	1044.8	928.2	823.7	733.6	657.1
-30°	2296.0	1929.3	1630.7	1393.4	1227.4	1094.1	989.8	892.3	795.8	710.8	638.8
-32.5°	1880.9	1655.5	1431.0	1260.7	1123.0	1020.7	935.9	853.6	761.8	687.3	619.7
-35°	1610.4	1446.6	1287.2	1151.4	1035.2	957.3	881.8	804.8	730.1	660.8	597.9
-37.5°	1422.3	1288.5	1168.5	1059.0	972.6	899.3	832.9	765.0	697.2	633.6	575.4
-40°	1275.7	1162.0	1067.3	984.1	914.8	852.1	791.7	729.1	668.6	604.9	551.2
-42.5°	1155.9	1066.2	984.2	920.3	861.5	808.0	754.9	700.3	641.0	580.6	524.0
-45°	1057.1	986.6	918.0	861.3	811.1	766.1	725.4	670.8	612.8	552.5	494.9
-47.5°	974.3	916.0	858.8	806.0	764.5	725.6	686.3	638.1	577.3	520.4	471.4
-50°	900.7	853.8	805.3	756.7	720.3	684.6	643.3	592.9	540.4	493.7	447.5
-52.5°	841.5	799.2	756.9	716.1	680.6	643.2	598.8	555.3	510.5	466.6	424.0
-55°	781.7	747.1	713.3	679.7	646.3	607.6	566.7	523.4	479.6	438.4	395.1
-57.5°	734.5	702.8	672.3	642.0	611.9	573.7	532.1	489.8	444.5	403.0	362.2
-60°	684.5	656.9	626.7	597.3	568.9	535.0	489.8	446.2	404.4	365.1	325.7
-62.5°	622.1	595.3	569.1	540.6	510.8	477.2	436.1	396.0	359.8	325.6	290.2
-65°	550.6	525.9	500.5	472.5	441.2	406.7	371.8	342.3	314.4	285.3	254.1
-67.5°	477.3	455.0	429.0	400.7	373.9	346.1	321.0	295.7	269.7	242.9	215.0
-70°	411.1	393.3	372.1	347.6	321.9	295.9	272.0	248.5	224.4	201.9	180.4
-72.5°	347.6	331.3	312.1	289.7	267.1	245.4	225.1	206.0	187.2	168.7	149.5
-75°	283.2	269.5	254.3	236.1	217.9	199.6	182.9	167.4	151.5	135.2	119.0
-77.5°	223.3	213.2	202.2	187.9	173.5	159.2	145.1	131.1	118.0	105.7	94.4
-80°	168.8	161.3	152.9	141.5	130.0	118.6	107.5	98.0	89.0	80.8	72.9
-82.5°	117.5	111.5	105.3	97.2	89.2	81.2	73.4	67.6	62.0	56.5	51.2
-85°	70.6	67.4	63.9	59.3	54.9	50.8	46.9	43.7	40.4	37.0	33.6
-87.5°	33.6	31.2	28.8	28.2	27.5	26.8	26.0	23.6	21.3	19.0	16.8
-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):**

	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	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	1.7	0.5
70°	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.1	2.9	3.3	2.4
67.5°	0.0	0.0	0.0	1.7	2.7	2.3	0.5	1.3	3.2	5.1	4.5
65°	2.7	1.9	0.1	2.1	3.9	5.1	3.9	2.4	3.5	5.3	6.6
62.5°	4.7	6.0	4.5	3.3	4.4	6.2	7.3	5.0	4.1	5.6	7.4
60°	5.2	7.1	8.0	6.3	5.5	6.7	7.9	7.2	5.7	5.9	7.7
57.5°	13.9	9.0	9.0	8.5	7.2	7.3	7.9	7.9	7.0	6.7	7.9
55°	25.9	19.0	13.3	10.7	9.0	7.8	8.1	7.9	7.9	7.3	7.9
52.5°	45.1	32.8	24.0	16.3	12.1	8.9	9.0	7.9	7.9	7.7	7.9
50°	71.9	51.6	37.9	27.2	17.0	13.3	10.3	9.2	7.9	7.9	7.9
47.5°	105.2	77.2	55.3	39.8	27.9	18.0	14.1	11.0	7.9	7.9	7.9
45°	129.8	107.8	77.0	55.7	39.3	27.0	19.1	13.1	9.8	8.2	7.9
42.5°	154.0	134.1	104.9	71.4	54.0	37.3	24.4	17.6	12.1	8.7	8.2
40°	184.9	160.0	131.5	97.4	70.1	47.4	33.0	22.6	14.6	10.1	8.8
37.5°	216.8	188.9	157.8	122.4	88.5	62.9	41.9	28.0	18.4	12.9	9.6
35°	252.6	219.1	183.8	146.3	110.2	78.8	50.4	34.3	23.4	15.8	10.6
32.5°	288.7	248.1	208.1	169.5	130.5	95.2	62.4	42.5	28.3	18.9	11.7
30°	323.8	276.7	230.5	191.6	149.8	112.6	77.5	51.4	32.9	22.1	13.2
27.5°	355.6	304.8	252.2	211.4	169.1	128.9	92.7	61.0	37.4	25.6	15.8
25°	389.0	333.4	276.9	229.0	187.4	145.3	106.8	71.3	44.1	29.4	18.3
22.5°	426.8	362.2	300.8	244.9	206.6	161.4	120.3	83.5	52.1	33.0	20.9
20°	467.4	390.7	324.7	267.4	224.5	177.9	133.7	94.7	60.2	36.4	23.5
17.5°	509.1	422.0	353.7	293.2	242.2	193.3	146.4	104.9	68.4	39.6	25.9
15°	537.4	453.4	379.7	317.2	260.0	207.6	158.5	114.2	76.4	42.6	28.4
12.5°	561.0	480.3	402.7	339.4	277.6	220.6	169.7	122.5	84.3	46.6	30.8
10°	581.9	503.1	422.7	359.8	294.5	232.4	180.1	129.8	91.5	51.7	33.0
7.5°	600.0	521.9	440.0	378.3	310.6	244.3	188.7	136.3	97.8	56.9	35.0
5°	615.1	538.0	454.3	390.2	325.6	256.7	195.9	142.0	103.2	62.0	36.8
2.5°	627.1	552.8	466.6	398.9	338.7	268.2	201.9	146.9	107.6	66.9	38.3
0°	635.9	564.4	476.9	405.4	349.8	278.2	206.7	151.0	111.3	71.5	39.7
-2.5°	641.7	566.3	487.8	412.9	356.4	286.5	216.3	156.1	114.2	75.6	42.1
-5°	644.1	566.1	496.0	418.6	361.2	293.2	224.4	160.4	116.6	79.1	44.3
-7.5°	647.7	568.7	500.5	423.1	364.4	298.3	230.6	163.5	118.3	81.9	46.2
-10°	649.1	571.4	501.6	428.8	367.1	302.0	234.7	165.5	119.6	84.0	47.9
-12.5°	647.2	571.1	501.3	431.9	368.3	304.2	236.8	168.6	120.8	85.3	49.4
-15°	642.2	567.7	500.1	432.2	368.2	305.0	237.5	171.5	123.2	85.6	50.6
-17.5°	634.2	561.2	498.3	429.6	366.6	304.5	236.8	172.8	124.4	85.0	51.8
-20°	626.3	555.1	495.7	423.9	363.9	302.9	234.7	172.5	124.4	83.8	52.9

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Scaled Data Report



REPORT NUMBER: P627698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	616.0	549.5	486.8	418.1	360.0	300.1	231.4	170.5	123.0	81.9	53.5
-25°	603.0	540.9	476.8	413.6	354.9	294.5	227.6	166.8	120.1	79.4	53.8
-27.5°	589.9	529.3	466.2	407.4	348.0	287.6	222.5	163.2	116.0	76.2	53.6
-30°	574.7	516.2	456.9	398.9	338.4	277.9	215.2	157.7	111.7	74.6	53.0
-32.5°	558.1	503.0	446.4	386.2	326.3	267.2	205.9	150.2	106.8	73.6	52.4
-35°	541.4	488.3	433.8	370.2	313.2	255.5	196.4	140.7	101.1	72.1	51.7
-37.5°	521.8	470.1	413.3	353.1	299.2	243.0	187.6	135.2	94.8	70.0	50.7
-40°	499.4	447.8	389.8	337.1	284.5	229.6	178.1	130.3	90.7	67.4	49.5
-42.5°	474.3	422.8	371.0	320.6	269.2	218.3	168.2	124.1	88.9	65.2	48.1
-45°	448.5	400.2	353.4	303.7	253.6	206.5	160.0	117.3	86.2	63.3	46.6
-47.5°	424.5	381.1	334.2	285.5	240.1	194.4	150.3	112.8	82.4	61.2	45.0
-50°	404.1	360.0	313.2	267.0	224.3	182.1	140.4	107.0	79.3	58.8	43.1
-52.5°	380.6	336.2	290.4	246.6	207.4	168.3	131.8	100.0	74.9	55.9	40.7
-55°	352.8	308.6	264.8	226.4	189.7	155.2	121.8	92.7	69.3	52.5	38.0
-57.5°	320.1	277.3	241.3	206.5	172.1	140.7	110.7	84.0	64.2	48.8	35.0
-60°	286.7	252.0	219.0	185.0	153.4	124.8	98.0	75.3	59.1	44.6	31.6
-62.5°	256.9	225.2	192.8	161.6	133.9	108.2	84.9	68.5	53.5	40.0	28.0
-65°	223.4	193.4	164.4	138.8	114.2	92.6	76.2	61.2	47.4	35.0	24.6
-67.5°	187.5	163.5	139.1	115.8	97.7	81.8	67.0	53.3	40.9	29.7	22.6
-70°	158.4	136.0	116.0	99.5	84.4	70.2	57.1	45.0	33.9	26.5	20.4
-72.5°	130.7	113.4	97.6	83.6	70.4	58.2	46.7	36.9	29.5	23.2	18.0
-75°	104.1	91.6	79.2	67.0	56.0	45.9	38.3	31.0	24.9	19.7	15.7
-77.5°	83.4	72.3	60.9	52.2	45.4	38.5	31.6	24.9	20.7	17.1	13.5
-80°	64.2	56.4	49.6	43.6	37.3	31.1	25.7	21.0	17.8	14.6	11.3
-82.5°	46.2	42.0	38.4	34.9	30.0	25.5	21.4	17.8	14.9	12.0	8.8
-85°	31.4	29.4	27.7	26.0	22.8	19.8	16.4	13.4	10.6	8.1	5.9
-87.5°	16.1	15.3	14.5	13.6	11.7	9.9	8.2	6.7	5.3	4.1	3.0
-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-SA5D-735-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	0.2	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	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.7	0.1	0.0	0.1	1.1	0.0
72.5°	0.4	1.2	0.8	0.0	0.2	1.2	0.0
70°	0.9	1.8	1.6	0.1	0.3	1.4	0.0
67.5°	2.8	2.4	2.4	0.9	0.5	1.6	0.0
65°	4.6	3.4	3.2	1.7	0.6	1.8	0.0
62.5°	6.2	4.5	4.1	2.5	0.8	2.0	0.0
60°	7.7	5.5	5.0	3.3	1.1	2.2	0.0
57.5°	7.9	6.4	5.6	4.2	1.7	2.5	0.0
55°	7.9	7.3	6.1	5.0	2.4	2.7	0.0
52.5°	7.9	7.9	6.6	5.9	3.0	2.9	0.0
50°	7.9	7.9	7.0	6.8	3.6	3.1	0.0
47.5°	7.9	7.9	7.3	7.5	4.1	3.4	0.0
45°	7.9	7.9	7.6	7.7	4.6	3.6	0.0
42.5°	7.9	7.9	7.8	7.8	5.1	3.9	0.0
40°	7.9	7.9	7.9	7.9	5.5	4.1	0.0
37.5°	7.9	7.9	7.9	7.9	5.9	4.4	0.0
35°	7.9	7.9	7.9	7.9	6.3	4.6	0.0
32.5°	8.1	7.9	7.9	7.9	6.6	4.9	0.0
30°	9.0	7.9	7.9	7.9	6.8	5.1	0.0
27.5°	9.9	7.9	7.9	7.9	7.1	5.4	0.0
25°	10.8	7.9	7.9	7.9	7.3	5.6	0.0
22.5°	11.8	8.0	7.9	7.9	7.4	5.9	0.0
20°	12.8	8.6	7.9	7.9	7.6	6.2	0.0
17.5°	14.3	9.4	7.9	7.9	7.7	6.4	0.0
15°	15.9	10.2	7.9	7.9	7.8	6.6	0.0
12.5°	17.4	11.1	7.9	7.9	7.8	6.9	0.0
10°	18.8	12.0	7.9	7.9	7.9	7.1	0.0
7.5°	20.2	13.0	7.9	7.9	7.9	7.3	0.0
5°	21.5	14.0	7.9	7.9	7.9	7.5	0.0
2.5°	22.7	15.0	7.9	7.9	7.9	7.7	0.0
0°	23.8	15.9	7.9	7.9	7.9	7.9	0.0
-2.5°	25.9	16.7	8.6	7.9	7.9	7.9	0.0
-5°	27.8	17.5	9.3	7.9	7.9	7.9	0.0
-7.5°	29.6	18.2	9.9	7.9	7.9	7.8	0.0
-10°	31.1	18.8	10.5	7.9	7.9	7.8	0.0
-12.5°	32.4	19.3	11.1	7.9	7.9	7.7	0.0
-15°	33.4	19.7	11.5	7.9	7.9	7.6	0.0
-17.5°	34.1	20.1	11.8	7.9	7.9	7.5	0.0
-20°	34.6	20.3	12.1	7.9	7.9	7.4	0.0

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CATALOG NUMBER: GFLD-SA5D-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.0	20.5	12.2	7.9	7.9	7.3	0.0
-25°	35.2	21.0	12.1	7.9	7.9	7.2	0.0
-27.5°	35.2	21.6	12.0	7.9	7.9	7.0	0.0
-30°	35.0	21.9	11.7	7.9	7.9	6.8	0.0
-32.5°	34.6	22.1	11.6	7.9	7.9	6.7	0.0
-35°	34.6	22.1	11.5	7.9	7.9	6.5	0.0
-37.5°	34.4	21.8	11.2	7.9	7.9	6.3	0.0
-40°	34.0	21.4	10.8	7.9	7.9	6.1	0.0
-42.5°	33.3	20.7	10.7	8.0	7.9	5.8	0.0
-45°	32.3	19.9	11.0	8.2	7.9	5.6	0.0
-47.5°	31.0	18.8	11.1	8.3	7.9	5.3	0.0
-50°	29.4	17.6	11.3	8.5	7.9	5.1	0.0
-52.5°	27.5	16.2	11.3	8.5	7.9	4.8	0.0
-55°	25.4	15.7	11.2	8.6	7.9	4.5	0.0
-57.5°	23.0	15.3	11.1	8.6	7.9	4.2	0.0
-60°	20.6	14.8	10.8	8.5	7.9	3.9	0.0
-62.5°	19.5	14.2	10.5	8.4	7.3	3.6	0.0
-65°	18.3	13.5	10.1	8.3	6.7	3.3	0.0
-67.5°	16.9	12.6	9.7	8.1	6.0	3.0	0.0
-70°	15.4	11.7	9.2	7.9	5.4	2.7	0.0
-72.5°	13.8	10.6	8.6	7.1	4.7	2.4	0.0
-75°	12.0	9.5	8.0	6.1	4.1	2.0	0.0
-77.5°	10.1	8.3	6.8	5.1	3.4	1.7	0.0
-80°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
-82.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
-85°	4.1	3.4	2.7	2.1	1.4	0.7	0.0
-87.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)