

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: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627158 (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-SA3C-735-U-NR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

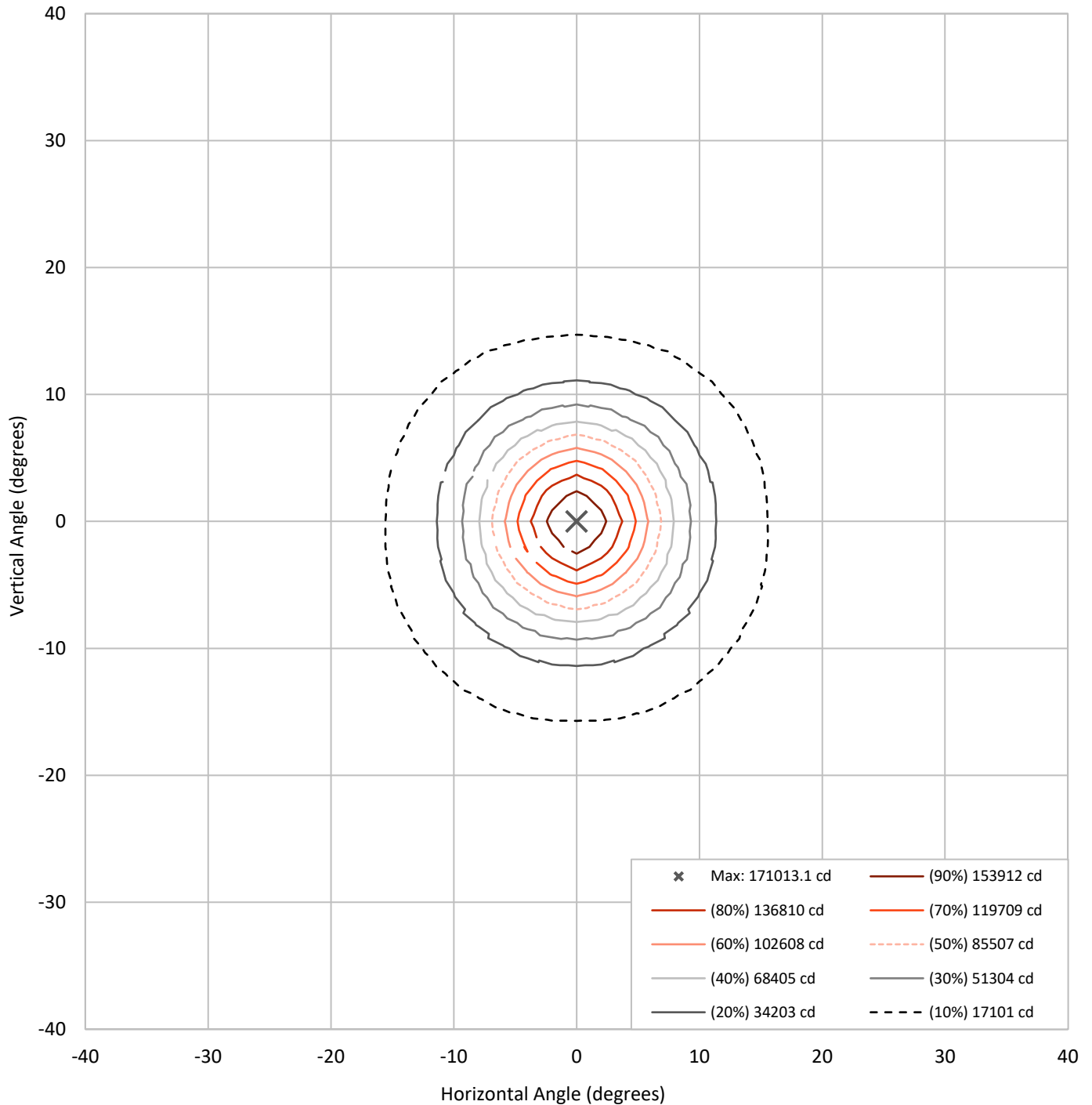
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16870.8 lumens	Max Intensity:	171013.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	5385.9 lumens	Field Lumens:	11996.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	121.7		
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





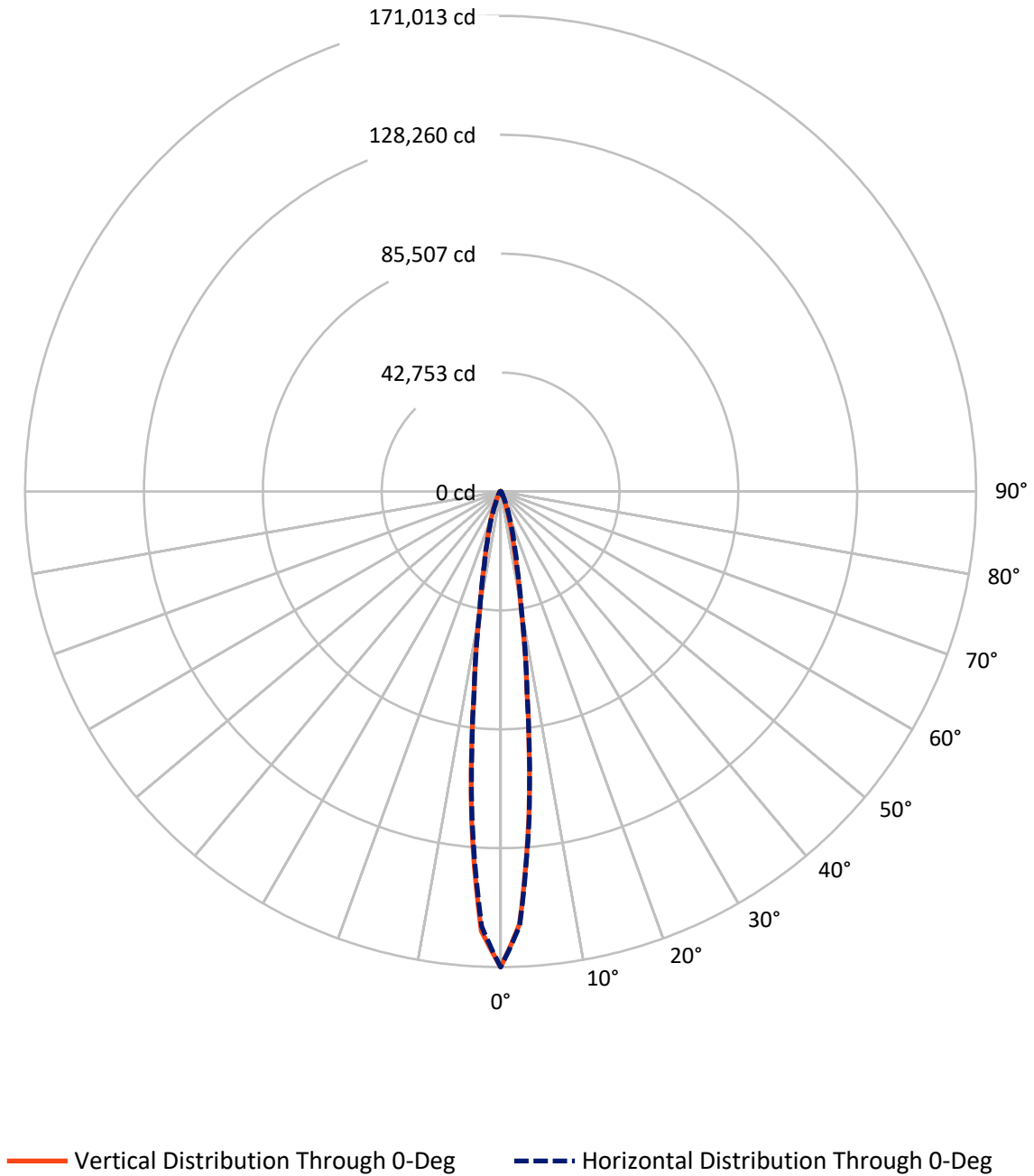
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### Lumen Table

90																			
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				
70																			
60	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	0.9	1.5	2.0	2.4	2.4	2.0	1.5	0.9	0.4	0.1	0.0				
40	0.1	0.1	0.5	1.5	2.7	4.0	5.7	6.7	6.7	5.7	4.0	2.7	1.5	0.5	0.1				
30		0.2	1.2	2.9	5.1	8.1	13.7	17.5	17.5	13.7	8.1	5.1	2.9	1.2	0.2				
20	0.1	0.5	1.9	4.3	7.9	17.2	45.8	75.9	75.9	45.8	17.2	7.9	4.3	1.9	0.5				
10		0.7	2.6	6.0	13.1	51.3	216.3	475.4	475.4	216.3	51.3	13.1	6.0	2.6	0.7				
0	0.3	0.9	3.1	7.1	17.7	96.3	518.2	2324.1	2324.1	518.2	96.3	17.7	7.1	3.1	0.9				
-10		1.0	3.4	7.4	19.0	102.6	536.4	2363.5	2363.5	536.4	102.6	19.0	7.4	3.4	1.0				
-20	0.3	1.1	3.5	7.3	16.7	65.3	260.4	556.9	556.9	260.4	65.3	16.7	7.3	3.5	1.1				
-30		1.1	3.3	6.7	12.9	30.5	80.2	133.7	133.7	80.2	30.5	12.9	6.7	3.3	1.1				
-40	0.3	0.9	3.0	5.9	10.1	16.8	27.3	34.7	34.7	27.3	16.8	10.1	5.9	3.0	0.9				
-50		0.8	2.4	4.9	8.2	11.7	15.7	17.6	17.6	15.7	11.7	8.2	4.9	2.4	0.8				
-60	0.2	0.6	1.8	3.9	6.4	9.0	11.4	12.4	12.4	11.4	9.0	6.4	3.9	1.8	0.6				
-70		0.4	1.1	2.5	4.3	6.3	7.9	8.7	8.7	7.9	6.3	4.3	2.5	1.1	0.4				
-80	0.1	1.0	4.2	9.3	11.8	9.3	4.2	1.0	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

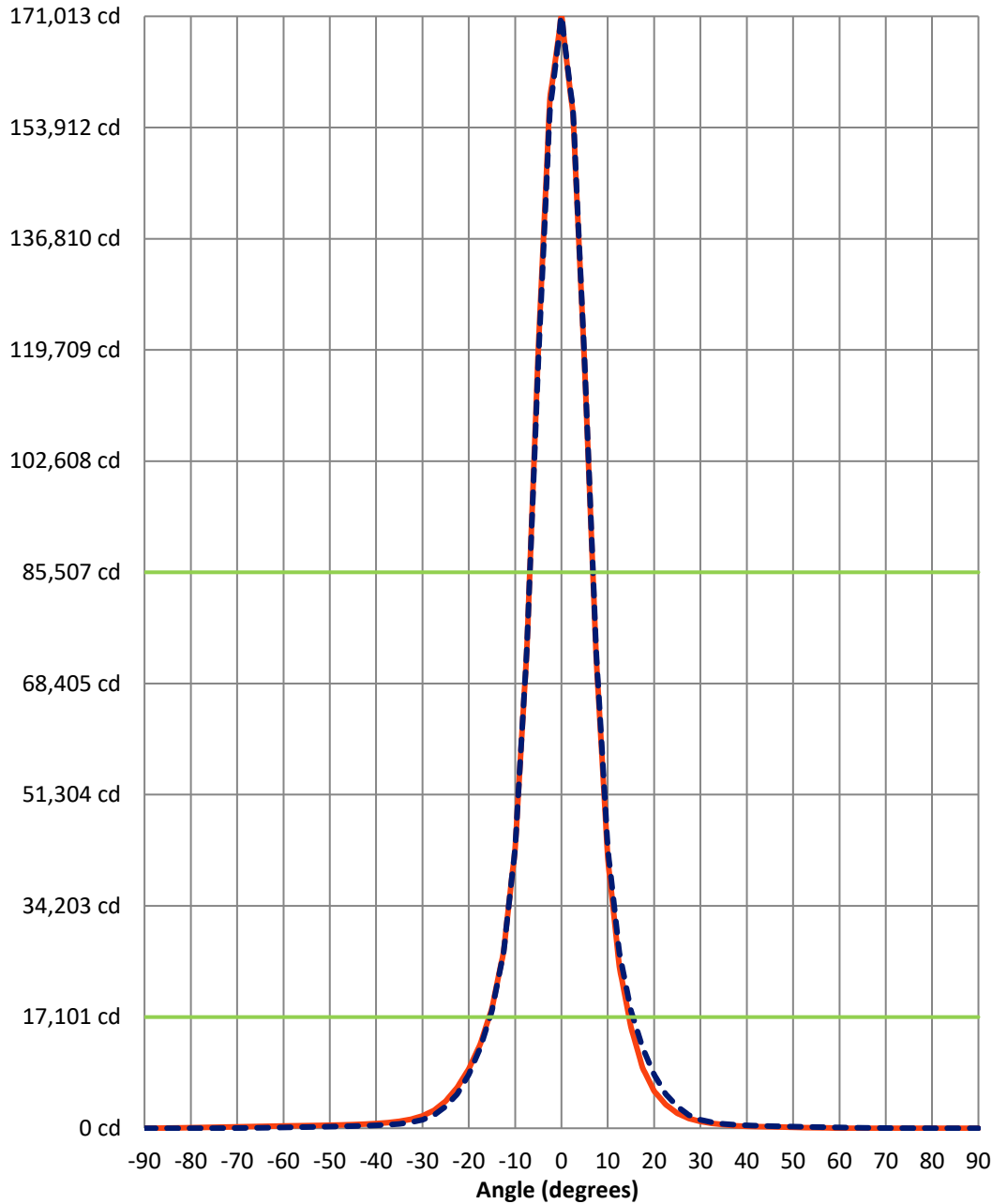
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 5385.9  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 11996.2  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 4874.6  
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.5	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.6	0.1	0.0	0.4	0.5	0.2	0.2	0.8	0.8	0.3
70°	0.0	0.7	0.1	0.1	0.7	0.8	0.4	1.1	1.5	1.3	0.5
67.5°	0.0	0.7	0.2	0.4	1.1	1.1	1.3	2.0	2.3	1.5	0.6
65°	0.0	0.8	0.3	0.8	1.5	1.5	2.1	3.0	2.4	1.6	1.1
62.5°	0.0	0.9	0.4	1.1	1.8	2.0	2.8	3.4	2.6	1.9	2.3
60°	0.0	1.0	0.5	1.5	2.3	2.5	3.5	3.5	2.7	2.6	3.3
57.5°	0.0	1.1	0.8	1.9	2.5	2.9	3.6	3.6	3.0	3.2	3.6
55°	0.0	1.2	1.1	2.3	2.8	3.3	3.6	3.6	3.3	3.6	3.6
52.5°	0.0	1.3	1.4	2.7	3.0	3.6	3.6	3.6	3.5	3.6	3.6
50°	0.0	1.4	1.6	3.1	3.2	3.6	3.6	3.6	3.6	3.6	4.2
47.5°	0.0	1.5	1.9	3.4	3.3	3.6	3.6	3.6	3.6	3.6	5.0
45°	0.0	1.6	2.1	3.5	3.5	3.6	3.6	3.6	3.7	4.5	5.9
42.5°	0.0	1.8	2.3	3.6	3.6	3.6	3.6	3.7	4.0	5.5	8.0
40°	0.0	1.9	2.5	3.6	3.6	3.6	3.6	4.0	4.6	6.6	10.3
37.5°	0.0	2.0	2.7	3.6	3.6	3.6	3.6	4.4	5.9	8.3	12.7
35°	0.0	2.1	2.9	3.6	3.6	3.6	3.6	4.8	7.2	10.6	15.6
32.5°	0.0	2.2	3.0	3.6	3.6	3.6	3.7	5.3	8.6	12.9	19.3
30°	0.0	2.3	3.1	3.6	3.6	3.6	4.1	6.0	10.0	15.0	23.4
27.5°	0.0	2.5	3.2	3.6	3.6	3.6	4.5	7.2	11.7	17.0	27.8
25°	0.0	2.6	3.3	3.6	3.6	3.6	4.9	8.3	13.4	20.1	32.4
22.5°	0.0	2.7	3.4	3.6	3.6	3.7	5.4	9.5	15.0	23.7	38.0
20°	0.0	2.8	3.5	3.6	3.6	3.9	5.8	10.7	16.6	27.4	43.1
17.5°	0.0	2.9	3.5	3.6	3.6	4.3	6.5	11.8	18.0	31.1	47.8
15°	0.0	3.0	3.5	3.6	3.6	4.6	7.2	12.9	19.4	34.8	52.0
12.5°	0.0	3.1	3.6	3.6	3.6	5.0	7.9	14.0	21.2	38.3	55.8
10°	0.0	3.2	3.6	3.6	3.6	5.5	8.6	15.0	23.5	41.7	59.1
7.5°	0.0	3.3	3.6	3.6	3.6	5.9	9.2	16.0	25.9	44.5	62.1
5°	0.0	3.4	3.6	3.6	3.6	6.3	9.8	16.8	28.3	47.0	64.7
2.5°	0.0	3.5	3.6	3.6	3.6	6.8	10.4	17.5	30.5	49.0	66.9
0°	0.0	3.6	3.6	3.6	3.6	7.2	10.9	18.1	32.6	50.7	68.8
-2.5°	0.0	3.6	3.6	3.6	3.9	7.6	11.8	19.2	34.4	52.0	71.1
-5°	0.0	3.6	3.6	3.6	4.2	7.9	12.7	20.2	36.0	53.1	73.0
-7.5°	0.0	3.6	3.6	3.6	4.5	8.3	13.5	21.0	37.3	53.9	74.4
-10°	0.0	3.5	3.6	3.6	4.8	8.6	14.2	21.8	38.2	54.4	75.3
-12.5°	0.0	3.5	3.6	3.6	5.0	8.8	14.8	22.5	38.8	55.0	76.7
-15°	0.0	3.5	3.6	3.6	5.2	9.0	15.3	23.0	39.0	56.1	78.0
-17.5°	0.0	3.4	3.6	3.6	5.4	9.2	15.6	23.6	38.7	56.6	78.7
-20°	0.0	3.4	3.6	3.6	5.5	9.3	15.8	24.1	38.1	56.6	78.5

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CATALOG NUMBER: GFLD-SA3C-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	3.3	3.6	3.6	5.5	9.4	16.0	24.4	37.3	56.0	77.6
-25°	0.0	3.3	3.6	3.6	5.5	9.6	16.1	24.5	36.1	54.7	76.0
-27.5°	0.0	3.2	3.6	3.6	5.4	9.8	16.1	24.4	34.7	52.8	74.3
-30°	0.0	3.1	3.6	3.6	5.3	10.0	16.0	24.2	33.9	50.9	71.8
-32.5°	0.0	3.0	3.6	3.6	5.3	10.1	15.8	23.9	33.5	48.6	68.4
-35°	0.0	2.9	3.6	3.6	5.2	10.0	15.8	23.6	32.8	46.0	64.0
-37.5°	0.0	2.9	3.6	3.6	5.1	9.9	15.7	23.1	31.9	43.1	61.5
-40°	0.0	2.8	3.6	3.6	4.9	9.7	15.5	22.6	30.7	41.3	59.3
-42.5°	0.0	2.7	3.6	3.6	4.9	9.4	15.2	21.9	29.7	40.5	56.5
-45°	0.0	2.5	3.6	3.7	5.0	9.1	14.7	21.2	28.8	39.2	53.4
-47.5°	0.0	2.4	3.6	3.8	5.1	8.6	14.1	20.5	27.8	37.6	51.4
-50°	0.0	2.3	3.6	3.9	5.1	8.0	13.4	19.6	26.8	36.1	48.7
-52.5°	0.0	2.2	3.6	3.9	5.1	7.4	12.5	18.6	25.4	34.1	45.5
-55°	0.0	2.1	3.6	3.9	5.1	7.2	11.6	17.3	23.9	31.5	42.2
-57.5°	0.0	1.9	3.6	3.9	5.0	7.0	10.5	16.0	22.2	29.3	38.2
-60°	0.0	1.8	3.6	3.9	4.9	6.8	9.4	14.4	20.3	26.9	34.3
-62.5°	0.0	1.7	3.3	3.8	4.8	6.5	8.9	12.8	18.2	24.4	31.2
-65°	0.0	1.5	3.0	3.8	4.6	6.1	8.4	11.3	16.0	21.6	27.9
-67.5°	0.0	1.4	2.8	3.7	4.4	5.7	7.7	10.3	13.6	18.6	24.3
-70°	0.0	1.2	2.5	3.6	4.2	5.3	7.0	9.3	12.1	15.5	20.5
-72.5°	0.0	1.1	2.2	3.2	3.9	4.8	6.2	8.2	10.6	13.5	16.8
-75°	0.0	0.9	1.9	2.8	3.7	4.3	5.4	7.1	9.0	11.4	14.2
-77.5°	0.0	0.8	1.6	2.3	3.1	3.8	4.6	6.1	7.8	9.4	11.4
-80°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	5.1	6.6	8.1	9.6
-82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	4.0	5.4	6.8	8.1
-85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.7	3.7	4.8	6.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.4	1.8	2.4	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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**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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	1.0	1.2	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.8	2.3	1.8	0.9	0.1	0.9	1.2	1.0	0.1	0.0	0.0
62.5°	3.3	2.8	2.0	1.5	2.0	2.7	2.1	1.2	0.3	1.7	2.5
60°	3.6	3.0	2.5	2.9	3.6	3.2	2.4	3.5	5.3	6.6	8.1
57.5°	3.6	3.3	3.3	3.9	4.1	4.1	6.4	8.5	12.0	14.9	16.9
55°	3.7	3.6	4.1	4.9	6.1	8.7	11.8	16.7	20.5	26.5	31.6
52.5°	4.1	4.1	5.5	7.4	11.0	15.0	20.6	27.4	35.1	41.0	47.1
50°	4.7	6.0	7.7	12.4	17.3	23.5	32.7	42.7	49.3	55.8	64.6
47.5°	6.4	8.2	12.7	18.2	25.2	35.2	47.9	55.1	61.5	71.8	82.8
45°	8.7	12.3	17.9	25.4	35.1	49.1	59.1	65.0	76.2	88.1	100.6
42.5°	11.1	17.0	24.6	32.5	47.7	61.1	70.2	79.5	90.7	104.6	118.2
40°	15.0	21.6	32.0	44.4	59.9	72.9	84.2	94.9	106.0	124.2	138.6
37.5°	19.1	28.6	40.3	55.7	71.9	86.1	98.7	112.2	128.0	148.5	161.5
35°	22.9	35.9	50.2	66.6	83.7	99.8	115.0	130.7	151.2	170.6	186.2
32.5°	28.4	43.4	59.4	77.2	94.8	113.0	131.5	150.2	170.4	190.3	210.7
30°	35.3	51.3	68.2	87.3	105.0	126.0	147.5	167.3	187.7	208.6	231.6
27.5°	42.3	58.7	77.0	96.2	114.8	138.8	161.9	182.7	203.5	226.0	252.3
25°	48.7	66.2	85.3	104.2	126.1	151.8	177.1	201.2	218.8	244.4	275.1
22.5°	54.8	73.5	94.0	111.5	137.0	164.9	194.4	220.3	241.1	264.0	298.8
20°	60.9	81.0	102.2	121.7	147.9	177.9	212.9	239.6	265.5	295.0	330.5
17.5°	66.7	88.0	110.3	133.5	161.1	192.2	231.9	259.0	290.0	325.3	370.0
15°	72.2	94.5	118.4	144.4	172.9	206.4	244.7	278.6	315.7	356.5	409.3
12.5°	77.3	100.5	126.4	154.6	183.4	218.7	255.5	291.6	334.2	387.6	454.0
10°	82.0	105.8	134.1	163.9	192.5	229.1	265.0	302.5	347.5	406.1	482.2
7.5°	85.9	111.2	141.4	172.3	200.3	237.6	273.2	311.6	358.7	421.5	501.2
5°	89.2	116.9	148.3	177.7	206.9	245.0	280.1	318.8	367.5	433.5	514.8
2.5°	91.9	122.1	154.2	181.7	212.5	251.7	285.6	326.7	376.6	442.8	527.5
0°	94.1	126.7	159.3	184.6	217.2	257.0	289.6	333.0	383.7	448.9	539.3
-2.5°	98.5	130.5	162.3	188.0	222.2	257.9	292.2	333.9	386.4	453.6	541.5
-5°	102.2	133.5	164.5	190.7	225.9	257.8	293.3	333.1	387.3	456.2	545.5
-7.5°	105.0	135.9	165.9	192.7	227.9	259.0	294.9	335.7	390.1	458.7	550.6
-10°	106.9	137.5	167.1	195.3	228.4	260.2	295.6	336.3	389.6	457.1	547.8
-12.5°	107.8	138.5	167.7	196.7	228.3	260.1	294.7	334.7	385.7	451.4	536.6
-15°	108.1	138.9	167.7	196.8	227.7	258.6	292.4	331.0	378.5	441.7	519.0
-17.5°	107.8	138.7	167.0	195.6	226.9	255.6	288.8	325.9	371.2	430.3	504.8
-20°	106.8	137.9	165.7	193.0	225.7	252.8	285.2	321.0	363.7	417.2	483.8



REPORT NUMBER: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	105.3	136.6	163.9	190.4	221.7	250.2	280.5	314.6	352.9	401.3	460.4
-25°	103.6	134.1	161.6	188.4	217.1	246.3	274.6	307.0	342.1	388.7	441.9
-27.5°	101.3	131.0	158.5	185.5	212.3	241.0	268.6	299.2	334.0	375.1	422.7
-30°	98.0	126.5	154.1	181.6	208.0	235.0	261.7	290.9	323.7	362.4	406.3
-32.5°	93.8	121.6	148.6	175.8	203.3	229.0	254.2	282.2	313.0	346.9	388.7
-35°	89.5	116.3	142.6	168.6	197.5	222.3	246.5	272.2	300.9	332.5	366.5
-37.5°	85.4	110.6	136.2	160.8	188.2	214.1	237.6	262.0	288.5	317.4	348.4
-40°	81.1	104.6	129.6	153.5	177.5	203.9	227.4	251.0	275.4	304.5	332.0
-42.5°	76.6	99.4	122.6	146.0	168.9	192.5	216.0	238.6	264.4	291.9	318.9
-45°	72.8	94.0	115.5	138.3	160.9	182.2	204.2	225.4	251.6	279.1	305.5
-47.5°	68.4	88.5	109.4	130.0	152.2	173.5	193.3	214.7	237.0	262.9	290.6
-50°	63.9	82.9	102.1	121.6	142.6	164.0	184.0	203.8	224.8	246.1	270.0
-52.5°	60.0	76.6	94.4	112.3	132.2	153.1	173.3	193.1	212.5	232.5	252.9
-55°	55.5	70.7	86.4	103.1	120.6	140.5	160.6	179.9	199.6	218.4	238.4
-57.5°	50.4	64.0	78.4	94.0	109.9	126.3	145.8	164.9	183.5	202.4	223.0
-60°	44.6	56.8	69.8	84.3	99.8	114.8	130.5	148.3	166.2	184.2	203.2
-62.5°	38.7	49.3	61.0	73.6	87.8	102.6	117.0	132.1	148.2	163.8	180.3
-65°	34.7	42.2	52.0	63.2	74.9	88.1	101.8	115.7	129.9	143.2	155.9
-67.5°	30.5	37.2	44.5	52.8	63.3	74.4	85.4	97.9	110.6	122.8	134.7
-70°	26.0	32.0	38.4	45.3	52.8	61.9	72.1	82.2	91.9	102.1	113.2
-72.5°	21.3	26.5	32.1	38.1	44.5	51.6	59.5	68.1	76.8	85.2	93.8
-75°	17.5	20.9	25.5	30.5	36.1	41.7	47.4	54.2	61.6	69.0	76.2
-77.5°	14.4	17.6	20.7	23.8	27.7	32.9	38.0	43.0	48.2	53.7	59.7
-80°	11.7	14.2	17.0	19.9	22.6	25.7	29.2	33.2	36.8	40.5	44.6
-82.5°	9.8	11.6	13.7	15.9	17.5	19.1	21.0	23.3	25.7	28.2	30.8
-85°	7.5	9.0	10.4	11.9	12.6	13.5	14.4	15.3	16.9	18.4	19.9
-87.5°	3.7	4.5	5.4	6.2	6.6	7.0	7.4	7.7	8.7	9.7	10.8
-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: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.8	0.3	0.0	0.0
62.5°	2.1	1.7	2.8	3.7	4.1	4.0	3.7	3.3	2.8	2.6	2.9
60°	8.7	8.5	11.8	13.5	12.3	8.6	13.6	16.1	15.5	13.3	13.2
57.5°	21.2	25.8	29.1	30.6	35.4	43.2	44.6	42.0	41.1	42.0	48.5
55°	36.8	40.5	42.4	49.0	54.8	59.0	61.5	64.0	67.7	72.3	77.0
52.5°	52.1	57.1	61.0	66.9	73.9	76.3	75.6	84.6	91.6	96.1	97.9
50°	71.5	77.9	86.9	96.1	100.0	103.9	108.0	115.4	126.1	139.5	147.1
47.5°	92.5	102.4	111.9	122.4	127.7	131.8	138.0	150.8	166.0	180.4	187.9
45°	111.3	120.2	131.0	140.1	146.6	154.6	163.5	175.1	192.2	207.2	217.5
42.5°	126.5	136.4	147.6	158.6	165.2	176.0	189.5	205.2	223.1	238.7	250.3
40°	147.7	156.1	173.9	184.3	186.9	197.0	224.1	245.6	265.8	285.0	294.6
37.5°	173.4	189.9	208.3	217.7	227.0	244.9	281.1	315.9	341.6	367.6	381.8
35°	202.5	224.2	249.2	260.5	280.5	319.2	361.8	410.1	470.3	495.5	518.5
32.5°	230.9	255.1	278.2	303.4	338.3	384.7	432.7	511.0	584.3	640.9	682.3
30°	256.0	281.7	310.4	342.7	392.0	455.9	536.0	637.4	740.6	830.7	906.9
27.5°	280.8	310.1	344.2	392.4	461.8	548.5	676.4	821.1	993.4	1120.3	1271.8
25°	308.0	341.5	385.3	455.2	548.8	678.5	882.9	1117.9	1400.3	1629.4	1869.1
22.5°	340.2	389.7	445.1	523.1	686.6	900.2	1179.5	1581.1	2015.7	2417.4	2804.3
20°	379.2	446.8	535.8	679.4	889.3	1205.0	1690.3	2331.3	2970.3	3650.9	4306.1
17.5°	434.7	532.1	670.5	874.8	1151.5	1776.0	2563.4	3554.8	4828.5	5982.8	6990.6
15°	486.8	603.2	821.7	1127.2	1609.7	2437.5	3633.3	5269.7	7254.8	9063.9	10974.7
12.5°	541.5	678.9	929.9	1318.9	1989.3	3066.9	4747.5	6989.6	9475.3	12201.9	15307.6
10°	584.8	751.7	1052.2	1545.4	2371.7	3713.7	5715.5	8434.8	11737.8	15773.0	20737.7
7.5°	614.1	810.0	1153.2	1711.2	2723.9	4375.1	6785.0	10053.4	14182.8	19528.5	26475.5
5°	636.9	854.5	1229.2	1862.4	3021.7	4880.1	7577.3	11470.8	16355.7	23518.0	35291.1
2.5°	655.3	888.6	1276.1	1966.5	3208.7	5231.7	8108.9	12272.7	17649.2	26467.6	41741.5
0°	669.7	919.4	1306.7	2030.7	3351.9	5266.8	8274.8	12419.5	18113.4	27000.0	43129.7
-2.5°	675.8	935.9	1317.3	2044.8	3337.6	5327.1	8325.5	12536.7	18095.9	26708.3	41579.3
-5°	685.9	935.7	1309.3	2030.4	3262.8	5171.1	7994.8	11880.8	17004.2	24411.2	36594.8
-7.5°	693.2	920.8	1271.4	1938.4	3066.9	4833.7	7413.8	10793.9	15017.3	20641.2	28186.9
-10°	686.6	892.1	1208.2	1784.1	2762.4	4292.5	6530.4	9359.2	12869.2	17037.0	22163.7
-12.5°	660.7	839.2	1105.1	1567.9	2368.0	3686.3	5641.6	8050.1	10648.0	13575.0	17117.7
-15°	628.0	782.2	1012.2	1419.6	2075.6	3085.4	4512.9	6466.8	8550.8	10773.2	13143.0
-17.5°	602.6	732.2	922.6	1217.6	1700.0	2502.9	3624.7	5012.7	6544.2	8236.3	9640.6
-20°	568.2	670.5	830.4	1071.3	1439.4	1971.3	2788.3	3796.7	4807.3	5997.0	6967.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	533.7	622.9	744.5	920.7	1194.7	1596.5	2101.3	2774.7	3513.7	4196.5	4868.7
-25°	501.7	570.4	668.8	813.3	999.1	1273.4	1632.7	2019.0	2506.1	2921.8	3383.0
-27.5°	475.8	534.8	607.4	713.4	857.5	1034.0	1291.2	1550.0	1806.2	2016.0	2333.6
-30°	450.7	498.3	559.0	634.5	742.6	878.6	1045.6	1213.5	1361.3	1496.2	1661.5
-32.5°	426.2	464.8	511.4	574.1	651.6	753.9	856.5	976.8	1079.6	1174.4	1262.2
-35°	401.6	436.0	471.4	524.3	586.1	658.7	733.4	814.9	886.0	949.9	1006.4
-37.5°	379.3	409.5	442.9	482.3	532.1	586.7	647.7	706.9	753.9	795.4	829.6
-40°	360.5	388.0	416.6	448.1	486.0	529.2	580.9	630.3	663.2	688.5	709.3
-42.5°	343.8	368.0	392.3	419.1	448.2	485.5	526.4	567.1	589.4	609.0	624.1
-45°	330.4	348.9	369.4	392.3	418.0	449.3	481.4	509.6	529.4	546.2	558.8
-47.5°	312.5	330.4	348.2	367.1	391.1	417.1	443.7	465.3	482.6	497.3	506.9
-50°	292.9	311.8	328.0	344.6	366.7	388.8	410.2	428.1	444.6	459.0	466.5
-52.5°	272.7	292.9	309.9	326.1	344.7	363.9	383.2	398.5	413.0	426.6	432.3
-55°	258.1	276.7	294.3	309.5	324.8	340.2	356.0	371.9	386.2	399.0	402.9
-57.5°	242.3	261.3	278.7	292.3	306.2	320.1	334.5	348.8	362.6	375.0	378.1
-60°	223.1	243.6	259.1	272.0	285.4	299.1	311.7	324.5	337.3	348.1	351.6
-62.5°	198.6	217.3	232.6	246.2	259.2	271.1	283.3	295.3	306.8	315.3	318.1
-65°	169.3	185.2	200.9	215.2	228.0	239.5	250.8	261.7	272.2	279.7	283.4
-67.5°	146.2	157.6	170.2	182.5	195.4	207.2	217.4	227.0	236.0	242.3	246.3
-70°	123.9	134.8	146.6	158.3	169.4	179.1	187.2	195.1	202.8	208.4	212.6
-72.5°	102.5	111.8	121.6	131.9	142.1	150.8	158.3	165.3	172.0	176.8	180.7
-75°	83.3	90.9	99.2	107.5	115.8	122.7	128.9	135.0	140.9	145.2	148.8
-77.5°	66.1	72.5	79.0	85.6	92.1	97.1	101.7	106.1	110.4	113.8	116.9
-80°	48.9	54.0	59.2	64.4	69.6	73.4	76.9	80.1	83.2	85.2	87.0
-82.5°	33.4	37.0	40.6	44.3	48.0	50.8	53.5	56.2	58.8	59.8	60.4
-85°	21.3	23.1	25.0	27.0	29.2	30.7	32.2	33.6	34.9	36.2	37.4
-87.5°	11.9	12.2	12.6	12.9	13.1	14.2	15.3	16.4	17.5	17.7	17.8
-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: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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	0.3	0.8
62.5°	3.2	3.4	3.6	3.6	3.6	3.4	3.2	2.9	2.6	2.8	3.3
60°	12.4	11.1	10.8	10.9	10.8	11.1	12.4	13.2	13.3	15.5	16.1
57.5°	55.1	61.3	63.0	61.5	63.0	61.3	55.1	48.5	42.0	41.1	42.0
55°	80.2	82.1	83.0	83.3	83.0	82.1	80.2	77.0	72.3	67.7	64.0
52.5°	98.3	97.6	97.5	97.7	97.5	97.6	98.3	97.9	96.1	91.6	84.6
50°	147.7	145.0	143.9	144.8	143.9	145.0	147.7	147.1	139.5	126.1	115.4
47.5°	188.8	189.6	190.9	191.8	190.9	189.6	188.8	187.9	180.4	166.0	150.8
45°	220.4	222.4	223.7	224.4	223.7	222.4	220.4	217.5	207.2	192.2	175.1
42.5°	252.8	253.1	252.7	253.4	252.7	253.1	252.8	250.3	238.7	223.1	205.2
40°	298.5	299.4	298.4	296.8	298.4	299.4	298.5	294.6	285.0	265.8	245.6
37.5°	390.0	391.4	387.1	383.7	387.1	391.4	390.0	381.8	367.6	341.6	315.9
35°	539.4	554.9	562.3	564.7	562.3	554.9	539.4	518.5	495.5	470.3	410.1
32.5°	711.0	732.5	743.3	752.9	743.3	732.5	711.0	682.3	640.9	584.3	511.0
30°	956.9	996.6	1014.0	1038.9	1014.0	996.6	956.9	906.9	830.7	740.6	637.4
27.5°	1357.9	1427.7	1466.3	1502.2	1466.3	1427.7	1357.9	1271.8	1120.3	993.4	821.1
25°	2043.2	2177.7	2264.8	2305.8	2264.8	2177.7	2043.2	1869.1	1629.4	1400.3	1117.9
22.5°	3178.6	3426.5	3617.6	3656.0	3617.6	3426.5	3178.6	2804.3	2417.4	2015.7	1581.1
20°	4941.6	5296.3	5584.8	5730.1	5584.8	5296.3	4941.6	4306.1	3650.9	2970.3	2331.3
17.5°	8190.9	8928.6	9265.6	9320.9	9265.6	8928.6	8190.9	6990.6	5982.8	4828.5	3554.8
15°	13025.0	14273.2	15065.7	15575.9	15065.7	14273.2	13025.0	10974.7	9063.9	7254.8	5269.7
12.5°	18540.5	22087.4	24105.7	24875.2	24105.7	22087.4	18540.5	15307.6	12201.9	9475.3	6989.6
10°	26026.2	34376.2	39192.9	41616.7	39192.9	34376.2	26026.2	20737.7	15773.0	11737.8	8434.8
7.5°	38731.2	51628.0	65917.1	72527.8	65917.1	51628.0	38731.2	26475.5	19528.5	14182.8	10053.4
5°	52087.3	80403.4	105256.6	117157.9	105256.6	80403.4	52087.3	35291.1	23518.0	16355.7	11470.8
2.5°	67438.0	105624.8	140931.7	155777.4	140931.7	105624.8	67438.0	41741.5	26467.6	17649.2	12272.7
0°	73345.9	117827.6	156441.6	171013.1	156441.6	117827.6	73345.9	43129.7	27000.0	18113.4	12419.5
-2.5°	68351.3	107474.9	141538.3	158188.2	141538.3	107474.9	68351.3	41579.3	26708.3	18095.9	12536.7
-5°	54308.6	80846.5	106073.7	119641.1	106073.7	80846.5	54308.6	36594.8	24411.2	17004.2	11880.8
-7.5°	39859.1	54306.1	68316.4	73215.6	68316.4	54306.1	39859.1	28186.9	20641.2	15017.3	10793.9
-10°	27750.8	36023.6	41484.5	43042.9	41484.5	36023.6	27750.8	22163.7	17037.0	12869.2	9359.2
-12.5°	20574.4	24192.9	26710.6	27148.4	26710.6	24192.9	20574.4	17117.7	13575.0	10648.0	8050.1
-15°	15234.8	17074.9	18373.5	18460.9	18373.5	17074.9	15234.8	13143.0	10773.2	8550.8	6466.8
-17.5°	11136.8	12371.9	13027.2	12980.5	13027.2	12371.9	11136.8	9640.6	8236.3	6544.2	5012.7
-20°	7963.4	8707.9	9236.0	9132.7	9236.0	8707.9	7963.4	6967.2	5997.0	4807.3	3796.7

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REPORT NUMBER: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	5552.7	6046.9	6356.3	6276.7	6356.3	6046.9	5552.7	4868.7	4196.5	3513.7	2774.7
-25°	3772.9	4042.2	4195.5	4170.0	4195.5	4042.2	3772.9	3383.0	2921.8	2506.1	2019.0
-27.5°	2571.0	2713.3	2760.8	2758.3	2760.8	2713.3	2571.0	2333.6	2016.0	1806.2	1550.0
-30°	1784.5	1880.1	1934.8	1900.4	1934.8	1880.1	1784.5	1661.5	1496.2	1361.3	1213.5
-32.5°	1330.0	1383.9	1415.1	1382.8	1415.1	1383.9	1330.0	1262.2	1174.4	1079.6	976.8
-35°	1048.2	1075.5	1086.4	1067.8	1086.4	1075.5	1048.2	1006.4	949.9	886.0	814.9
-37.5°	854.6	870.5	876.0	865.1	876.0	870.5	854.6	829.6	795.4	753.9	706.9
-40°	724.1	733.9	736.4	727.6	736.4	733.9	724.1	709.3	688.5	663.2	630.3
-42.5°	633.6	639.4	640.8	637.1	640.8	639.4	633.6	624.1	609.0	589.4	567.1
-45°	566.2	571.2	572.1	568.3	572.1	571.2	566.2	558.8	546.2	529.4	509.6
-47.5°	511.7	514.8	515.6	514.0	515.6	514.8	511.7	506.9	497.3	482.6	465.3
-50°	470.0	472.1	472.3	470.6	472.3	472.1	470.0	466.5	459.0	444.6	428.1
-52.5°	435.0	436.5	437.5	438.0	437.5	436.5	435.0	432.3	426.6	413.0	398.5
-55°	405.5	407.5	408.6	409.0	408.6	407.5	405.5	402.9	399.0	386.2	371.9
-57.5°	380.5	382.3	383.3	383.7	383.3	382.3	380.5	378.1	375.0	362.6	348.8
-60°	354.5	356.6	357.9	358.4	357.9	356.6	354.5	351.6	348.1	337.3	324.5
-62.5°	320.0	320.9	321.8	322.2	321.8	320.9	320.0	318.1	315.3	306.8	295.3
-65°	286.2	288.1	289.2	289.6	289.2	288.1	286.2	283.4	279.7	272.2	261.7
-67.5°	249.5	252.1	254.7	257.0	254.7	252.1	249.5	246.3	242.3	236.0	227.0
-70°	216.3	219.5	220.6	220.8	220.6	219.5	216.3	212.6	208.4	202.8	195.1
-72.5°	184.1	187.1	189.7	191.8	189.7	187.1	184.1	180.7	176.8	172.0	165.3
-75°	152.0	154.8	155.5	155.7	155.5	154.8	152.0	148.8	145.2	140.9	135.0
-77.5°	119.8	122.4	123.0	123.1	123.0	122.4	119.8	116.9	113.8	110.4	106.1
-80°	88.6	90.0	92.2	94.1	92.2	90.0	88.6	87.0	85.2	83.2	80.1
-82.5°	60.9	61.3	61.4	61.5	61.4	61.3	60.9	60.4	59.8	58.8	56.2
-85°	38.5	39.6	39.8	39.8	39.8	39.6	38.5	37.4	36.2	34.9	33.6
-87.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.7	17.5	16.4
-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: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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	0.2
65°	0.9	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.0
62.5°	3.7	4.0	4.1	3.7	2.8	1.7	2.1	2.5	1.7	0.3	1.2
60°	13.6	8.6	12.3	13.5	11.8	8.5	8.7	8.1	6.6	5.3	3.5
57.5°	44.6	43.2	35.4	30.6	29.1	25.8	21.2	16.9	14.9	12.0	8.5
55°	61.5	59.0	54.8	49.0	42.4	40.5	36.8	31.6	26.5	20.5	16.7
52.5°	75.6	76.3	73.9	66.9	61.0	57.1	52.1	47.1	41.0	35.1	27.4
50°	108.0	103.9	100.0	96.1	86.9	77.9	71.5	64.6	55.8	49.3	42.7
47.5°	138.0	131.8	127.7	122.4	111.9	102.4	92.5	82.8	71.8	61.5	55.1
45°	163.5	154.6	146.6	140.1	131.0	120.2	111.3	100.6	88.1	76.2	65.0
42.5°	189.5	176.0	165.2	158.6	147.6	136.4	126.5	118.2	104.6	90.7	79.5
40°	224.1	197.0	186.9	184.3	173.9	156.1	147.7	138.6	124.2	106.0	94.9
37.5°	281.1	244.9	227.0	217.7	208.3	189.9	173.4	161.5	148.5	128.0	112.2
35°	361.8	319.2	280.5	260.5	249.2	224.2	202.5	186.2	170.6	151.2	130.7
32.5°	432.7	384.7	338.3	303.4	278.2	255.1	230.9	210.7	190.3	170.4	150.2
30°	536.0	455.9	392.0	342.7	310.4	281.7	256.0	231.6	208.6	187.7	167.3
27.5°	676.4	548.5	461.8	392.4	344.2	310.1	280.8	252.3	226.0	203.5	182.7
25°	882.9	678.5	548.8	455.2	385.3	341.5	308.0	275.1	244.4	218.8	201.2
22.5°	1179.5	900.2	686.6	523.1	445.1	389.7	340.2	298.8	264.0	241.1	220.3
20°	1690.3	1205.0	889.3	679.4	535.8	446.8	379.2	330.5	295.0	265.5	239.6
17.5°	2563.4	1776.0	1151.5	874.8	670.5	532.1	434.7	370.0	325.3	290.0	259.0
15°	3633.3	2437.5	1609.7	1127.2	821.7	603.2	486.8	409.3	356.5	315.7	278.6
12.5°	4747.5	3066.9	1989.3	1318.9	929.9	678.9	541.5	454.0	387.6	334.2	291.6
10°	5715.5	3713.7	2371.7	1545.4	1052.2	751.7	584.8	482.2	406.1	347.5	302.5
7.5°	6785.0	4375.1	2723.9	1711.2	1153.2	810.0	614.1	501.2	421.5	358.7	311.6
5°	7577.3	4880.1	3021.7	1862.4	1229.2	854.5	636.9	514.8	433.5	367.5	318.8
2.5°	8108.9	5231.7	3208.7	1966.5	1276.1	888.6	655.3	527.5	442.8	376.6	326.7
0°	8274.8	5266.8	3351.9	2030.7	1306.7	919.4	669.7	539.3	448.9	383.7	333.0
-2.5°	8325.5	5327.1	3337.6	2044.8	1317.3	935.9	675.8	541.5	453.6	386.4	333.9
-5°	7994.8	5171.1	3262.8	2030.4	1309.3	935.7	685.9	545.5	456.2	387.3	333.1
-7.5°	7413.8	4833.7	3066.9	1938.4	1271.4	920.8	693.2	550.6	458.7	390.1	335.7
-10°	6530.4	4292.5	2762.4	1784.1	1208.2	892.1	686.6	547.8	457.1	389.6	336.3
-12.5°	5641.6	3686.3	2368.0	1567.9	1105.1	839.2	660.7	536.6	451.4	385.7	334.7
-15°	4512.9	3085.4	2075.6	1419.6	1012.2	782.2	628.0	519.0	441.7	378.5	331.0
-17.5°	3624.7	2502.9	1700.0	1217.6	922.6	732.2	602.6	504.8	430.3	371.2	325.9
-20°	2788.3	1971.3	1439.4	1071.3	830.4	670.5	568.2	483.8	417.2	363.7	321.0



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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°	2101.3	1596.5	1194.7	920.7	744.5	622.9	533.7	460.4	401.3	352.9	314.6
-25°	1632.7	1273.4	999.1	813.3	668.8	570.4	501.7	441.9	388.7	342.1	307.0
-27.5°	1291.2	1034.0	857.5	713.4	607.4	534.8	475.8	422.7	375.1	334.0	299.2
-30°	1045.6	878.6	742.6	634.5	559.0	498.3	450.7	406.3	362.4	323.7	290.9
-32.5°	856.5	753.9	651.6	574.1	511.4	464.8	426.2	388.7	346.9	313.0	282.2
-35°	733.4	658.7	586.1	524.3	471.4	436.0	401.6	366.5	332.5	300.9	272.2
-37.5°	647.7	586.7	532.1	482.3	442.9	409.5	379.3	348.4	317.4	288.5	262.0
-40°	580.9	529.2	486.0	448.1	416.6	388.0	360.5	332.0	304.5	275.4	251.0
-42.5°	526.4	485.5	448.2	419.1	392.3	368.0	343.8	318.9	291.9	264.4	238.6
-45°	481.4	449.3	418.0	392.3	369.4	348.9	330.4	305.5	279.1	251.6	225.4
-47.5°	443.7	417.1	391.1	367.1	348.2	330.4	312.5	290.6	262.9	237.0	214.7
-50°	410.2	388.8	366.7	344.6	328.0	311.8	292.9	270.0	246.1	224.8	203.8
-52.5°	383.2	363.9	344.7	326.1	309.9	292.9	272.7	252.9	232.5	212.5	193.1
-55°	356.0	340.2	324.8	309.5	294.3	276.7	258.1	238.4	218.4	199.6	179.9
-57.5°	334.5	320.1	306.2	292.3	278.7	261.3	242.3	223.0	202.4	183.5	164.9
-60°	311.7	299.1	285.4	272.0	259.1	243.6	223.1	203.2	184.2	166.2	148.3
-62.5°	283.3	271.1	259.2	246.2	232.6	217.3	198.6	180.3	163.8	148.2	132.1
-65°	250.8	239.5	228.0	215.2	200.9	185.2	169.3	155.9	143.2	129.9	115.7
-67.5°	217.4	207.2	195.4	182.5	170.2	157.6	146.2	134.7	122.8	110.6	97.9
-70°	187.2	179.1	169.4	158.3	146.6	134.8	123.9	113.2	102.1	91.9	82.2
-72.5°	158.3	150.8	142.1	131.9	121.6	111.8	102.5	93.8	85.2	76.8	68.1
-75°	128.9	122.7	115.8	107.5	99.2	90.9	83.3	76.2	69.0	61.6	54.2
-77.5°	101.7	97.1	92.1	85.6	79.0	72.5	66.1	59.7	53.7	48.2	43.0
-80°	76.9	73.4	69.6	64.4	59.2	54.0	48.9	44.6	40.5	36.8	33.2
-82.5°	53.5	50.8	48.0	44.3	40.6	37.0	33.4	30.8	28.2	25.7	23.3
-85°	32.2	30.7	29.2	27.0	25.0	23.1	21.3	19.9	18.4	16.9	15.3
-87.5°	15.3	14.2	13.1	12.9	12.6	12.2	11.9	10.8	9.7	8.7	7.7
-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):**

	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	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.8	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.5	1.3	1.5	1.1
67.5°	0.0	0.0	0.0	0.8	1.2	1.0	0.2	0.6	1.5	2.3	2.0
65°	1.2	0.9	0.1	0.9	1.8	2.3	1.8	1.1	1.6	2.4	3.0
62.5°	2.1	2.7	2.0	1.5	2.0	2.8	3.3	2.3	1.9	2.6	3.4
60°	2.4	3.2	3.6	2.9	2.5	3.0	3.6	3.3	2.6	2.7	3.5
57.5°	6.4	4.1	4.1	3.9	3.3	3.3	3.6	3.6	3.2	3.0	3.6
55°	11.8	8.7	6.1	4.9	4.1	3.6	3.7	3.6	3.6	3.3	3.6
52.5°	20.6	15.0	11.0	7.4	5.5	4.1	4.1	3.6	3.6	3.5	3.6
50°	32.7	23.5	17.3	12.4	7.7	6.0	4.7	4.2	3.6	3.6	3.6
47.5°	47.9	35.2	25.2	18.2	12.7	8.2	6.4	5.0	3.6	3.6	3.6
45°	59.1	49.1	35.1	25.4	17.9	12.3	8.7	5.9	4.5	3.7	3.6
42.5°	70.2	61.1	47.7	32.5	24.6	17.0	11.1	8.0	5.5	4.0	3.7
40°	84.2	72.9	59.9	44.4	32.0	21.6	15.0	10.3	6.6	4.6	4.0
37.5°	98.7	86.1	71.9	55.7	40.3	28.6	19.1	12.7	8.3	5.9	4.4
35°	115.0	99.8	83.7	66.6	50.2	35.9	22.9	15.6	10.6	7.2	4.8
32.5°	131.5	113.0	94.8	77.2	59.4	43.4	28.4	19.3	12.9	8.6	5.3
30°	147.5	126.0	105.0	87.3	68.2	51.3	35.3	23.4	15.0	10.0	6.0
27.5°	161.9	138.8	114.8	96.2	77.0	58.7	42.3	27.8	17.0	11.7	7.2
25°	177.1	151.8	126.1	104.2	85.3	66.2	48.7	32.4	20.1	13.4	8.3
22.5°	194.4	164.9	137.0	111.5	94.0	73.5	54.8	38.0	23.7	15.0	9.5
20°	212.9	177.9	147.9	121.7	102.2	81.0	60.9	43.1	27.4	16.6	10.7
17.5°	231.9	192.2	161.1	133.5	110.3	88.0	66.7	47.8	31.1	18.0	11.8
15°	244.7	206.4	172.9	144.4	118.4	94.5	72.2	52.0	34.8	19.4	12.9
12.5°	255.5	218.7	183.4	154.6	126.4	100.5	77.3	55.8	38.3	21.2	14.0
10°	265.0	229.1	192.5	163.9	134.1	105.8	82.0	59.1	41.7	23.5	15.0
7.5°	273.2	237.6	200.3	172.3	141.4	111.2	85.9	62.1	44.5	25.9	16.0
5°	280.1	245.0	206.9	177.7	148.3	116.9	89.2	64.7	47.0	28.3	16.8
2.5°	285.6	251.7	212.5	181.7	154.2	122.1	91.9	66.9	49.0	30.5	17.5
0°	289.6	257.0	217.2	184.6	159.3	126.7	94.1	68.8	50.7	32.6	18.1
-2.5°	292.2	257.9	222.2	188.0	162.3	130.5	98.5	71.1	52.0	34.4	19.2
-5°	293.3	257.8	225.9	190.7	164.5	133.5	102.2	73.0	53.1	36.0	20.2
-7.5°	294.9	259.0	227.9	192.7	165.9	135.9	105.0	74.4	53.9	37.3	21.0
-10°	295.6	260.2	228.4	195.3	167.1	137.5	106.9	75.3	54.4	38.2	21.8
-12.5°	294.7	260.1	228.3	196.7	167.7	138.5	107.8	76.7	55.0	38.8	22.5
-15°	292.4	258.6	227.7	196.8	167.7	138.9	108.1	78.0	56.1	39.0	23.0
-17.5°	288.8	255.6	226.9	195.6	167.0	138.7	107.8	78.7	56.6	38.7	23.6
-20°	285.2	252.8	225.7	193.0	165.7	137.9	106.8	78.5	56.6	38.1	24.1

Classified

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Scaled Data Report



REPORT NUMBER: P627158 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	280.5	250.2	221.7	190.4	163.9	136.6	105.3	77.6	56.0	37.3	24.4
-25°	274.6	246.3	217.1	188.4	161.6	134.1	103.6	76.0	54.7	36.1	24.5
-27.5°	268.6	241.0	212.3	185.5	158.5	131.0	101.3	74.3	52.8	34.7	24.4
-30°	261.7	235.0	208.0	181.6	154.1	126.5	98.0	71.8	50.9	33.9	24.2
-32.5°	254.2	229.0	203.3	175.8	148.6	121.6	93.8	68.4	48.6	33.5	23.9
-35°	246.5	222.3	197.5	168.6	142.6	116.3	89.5	64.0	46.0	32.8	23.6
-37.5°	237.6	214.1	188.2	160.8	136.2	110.6	85.4	61.5	43.1	31.9	23.1
-40°	227.4	203.9	177.5	153.5	129.6	104.6	81.1	59.3	41.3	30.7	22.6
-42.5°	216.0	192.5	168.9	146.0	122.6	99.4	76.6	56.5	40.5	29.7	21.9
-45°	204.2	182.2	160.9	138.3	115.5	94.0	72.8	53.4	39.2	28.8	21.2
-47.5°	193.3	173.5	152.2	130.0	109.4	88.5	68.4	51.4	37.6	27.8	20.5
-50°	184.0	164.0	142.6	121.6	102.1	82.9	63.9	48.7	36.1	26.8	19.6
-52.5°	173.3	153.1	132.2	112.3	94.4	76.6	60.0	45.5	34.1	25.4	18.6
-55°	160.6	140.5	120.6	103.1	86.4	70.7	55.5	42.2	31.5	23.9	17.3
-57.5°	145.8	126.3	109.9	94.0	78.4	64.0	50.4	38.2	29.3	22.2	16.0
-60°	130.5	114.8	99.8	84.3	69.8	56.8	44.6	34.3	26.9	20.3	14.4
-62.5°	117.0	102.6	87.8	73.6	61.0	49.3	38.7	31.2	24.4	18.2	12.8
-65°	101.8	88.1	74.9	63.2	52.0	42.2	34.7	27.9	21.6	16.0	11.3
-67.5°	85.4	74.4	63.3	52.8	44.5	37.2	30.5	24.3	18.6	13.6	10.3
-70°	72.1	61.9	52.8	45.3	38.4	32.0	26.0	20.5	15.5	12.1	9.3
-72.5°	59.5	51.6	44.5	38.1	32.1	26.5	21.3	16.8	13.5	10.6	8.2
-75°	47.4	41.7	36.1	30.5	25.5	20.9	17.5	14.2	11.4	9.0	7.1
-77.5°	38.0	32.9	27.7	23.8	20.7	17.6	14.4	11.4	9.4	7.8	6.1
-80°	29.2	25.7	22.6	19.9	17.0	14.2	11.7	9.6	8.1	6.6	5.1
-82.5°	21.0	19.1	17.5	15.9	13.7	11.6	9.8	8.1	6.8	5.4	4.0
-85°	14.4	13.5	12.6	11.9	10.4	9.0	7.5	6.1	4.8	3.7	2.7
-87.5°	7.4	7.0	6.6	6.2	5.4	4.5	3.7	3.0	2.4	1.8	1.4
-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-SA3C-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	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.5	0.0
72.5°	0.2	0.5	0.4	0.0	0.1	0.6	0.0
70°	0.4	0.8	0.7	0.1	0.1	0.7	0.0
67.5°	1.3	1.1	1.1	0.4	0.2	0.7	0.0
65°	2.1	1.5	1.5	0.8	0.3	0.8	0.0
62.5°	2.8	2.0	1.8	1.1	0.4	0.9	0.0
60°	3.5	2.5	2.3	1.5	0.5	1.0	0.0
57.5°	3.6	2.9	2.5	1.9	0.8	1.1	0.0
55°	3.6	3.3	2.8	2.3	1.1	1.2	0.0
52.5°	3.6	3.6	3.0	2.7	1.4	1.3	0.0
50°	3.6	3.6	3.2	3.1	1.6	1.4	0.0
47.5°	3.6	3.6	3.3	3.4	1.9	1.5	0.0
45°	3.6	3.6	3.5	3.5	2.1	1.6	0.0
42.5°	3.6	3.6	3.6	3.6	2.3	1.8	0.0
40°	3.6	3.6	3.6	3.6	2.5	1.9	0.0
37.5°	3.6	3.6	3.6	3.6	2.7	2.0	0.0
35°	3.6	3.6	3.6	3.6	2.9	2.1	0.0
32.5°	3.7	3.6	3.6	3.6	3.0	2.2	0.0
30°	4.1	3.6	3.6	3.6	3.1	2.3	0.0
27.5°	4.5	3.6	3.6	3.6	3.2	2.5	0.0
25°	4.9	3.6	3.6	3.6	3.3	2.6	0.0
22.5°	5.4	3.7	3.6	3.6	3.4	2.7	0.0
20°	5.8	3.9	3.6	3.6	3.5	2.8	0.0
17.5°	6.5	4.3	3.6	3.6	3.5	2.9	0.0
15°	7.2	4.6	3.6	3.6	3.5	3.0	0.0
12.5°	7.9	5.0	3.6	3.6	3.6	3.1	0.0
10°	8.6	5.5	3.6	3.6	3.6	3.2	0.0
7.5°	9.2	5.9	3.6	3.6	3.6	3.3	0.0
5°	9.8	6.3	3.6	3.6	3.6	3.4	0.0
2.5°	10.4	6.8	3.6	3.6	3.6	3.5	0.0
0°	10.9	7.2	3.6	3.6	3.6	3.6	0.0
-2.5°	11.8	7.6	3.9	3.6	3.6	3.6	0.0
-5°	12.7	7.9	4.2	3.6	3.6	3.6	0.0
-7.5°	13.5	8.3	4.5	3.6	3.6	3.6	0.0
-10°	14.2	8.6	4.8	3.6	3.6	3.5	0.0
-12.5°	14.8	8.8	5.0	3.6	3.6	3.5	0.0
-15°	15.3	9.0	5.2	3.6	3.6	3.5	0.0
-17.5°	15.6	9.2	5.4	3.6	3.6	3.4	0.0
-20°	15.8	9.3	5.5	3.6	3.6	3.4	0.0

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CATALOG NUMBER: GFLD-SA3C-735-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.0	9.4	5.5	3.6	3.6	3.3	0.0
-25°	16.1	9.6	5.5	3.6	3.6	3.3	0.0
-27.5°	16.1	9.8	5.4	3.6	3.6	3.2	0.0
-30°	16.0	10.0	5.3	3.6	3.6	3.1	0.0
-32.5°	15.8	10.1	5.3	3.6	3.6	3.0	0.0
-35°	15.8	10.0	5.2	3.6	3.6	2.9	0.0
-37.5°	15.7	9.9	5.1	3.6	3.6	2.9	0.0
-40°	15.5	9.7	4.9	3.6	3.6	2.8	0.0
-42.5°	15.2	9.4	4.9	3.6	3.6	2.7	0.0
-45°	14.7	9.1	5.0	3.7	3.6	2.5	0.0
-47.5°	14.1	8.6	5.1	3.8	3.6	2.4	0.0
-50°	13.4	8.0	5.1	3.9	3.6	2.3	0.0
-52.5°	12.5	7.4	5.1	3.9	3.6	2.2	0.0
-55°	11.6	7.2	5.1	3.9	3.6	2.1	0.0
-57.5°	10.5	7.0	5.0	3.9	3.6	1.9	0.0
-60°	9.4	6.8	4.9	3.9	3.6	1.8	0.0
-62.5°	8.9	6.5	4.8	3.8	3.3	1.7	0.0
-65°	8.4	6.1	4.6	3.8	3.0	1.5	0.0
-67.5°	7.7	5.7	4.4	3.7	2.8	1.4	0.0
-70°	7.0	5.3	4.2	3.6	2.5	1.2	0.0
-72.5°	6.2	4.8	3.9	3.2	2.2	1.1	0.0
-75°	5.4	4.3	3.7	2.8	1.9	0.9	0.0
-77.5°	4.6	3.8	3.1	2.3	1.6	0.8	0.0
-80°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
-82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)