

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: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627388 (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-SA4C-730-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

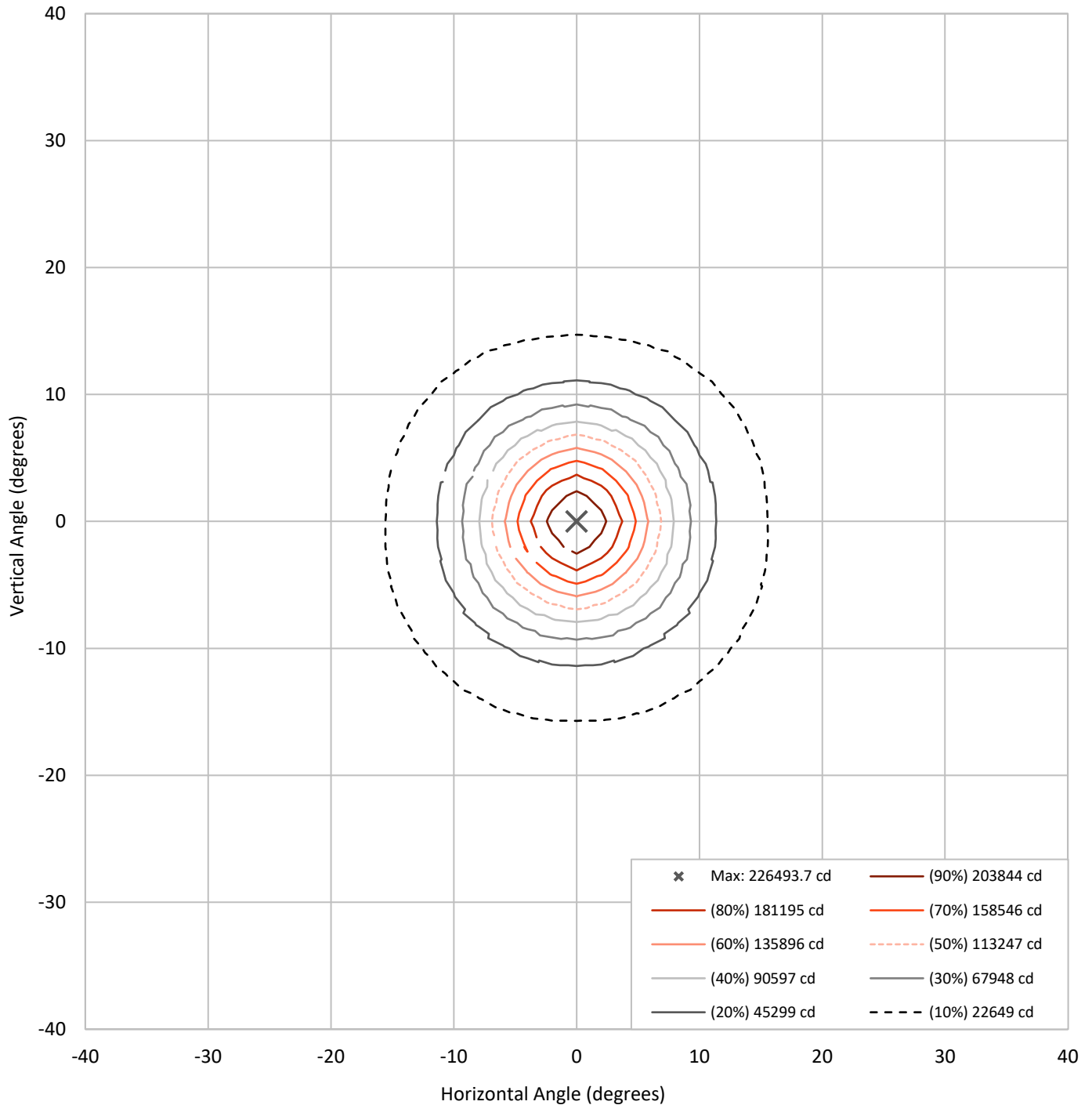
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22344.1 lumens	Max Intensity:	226493.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	7133.2 lumens	Field Lumens:	15888 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)

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Iso-Candela Plot





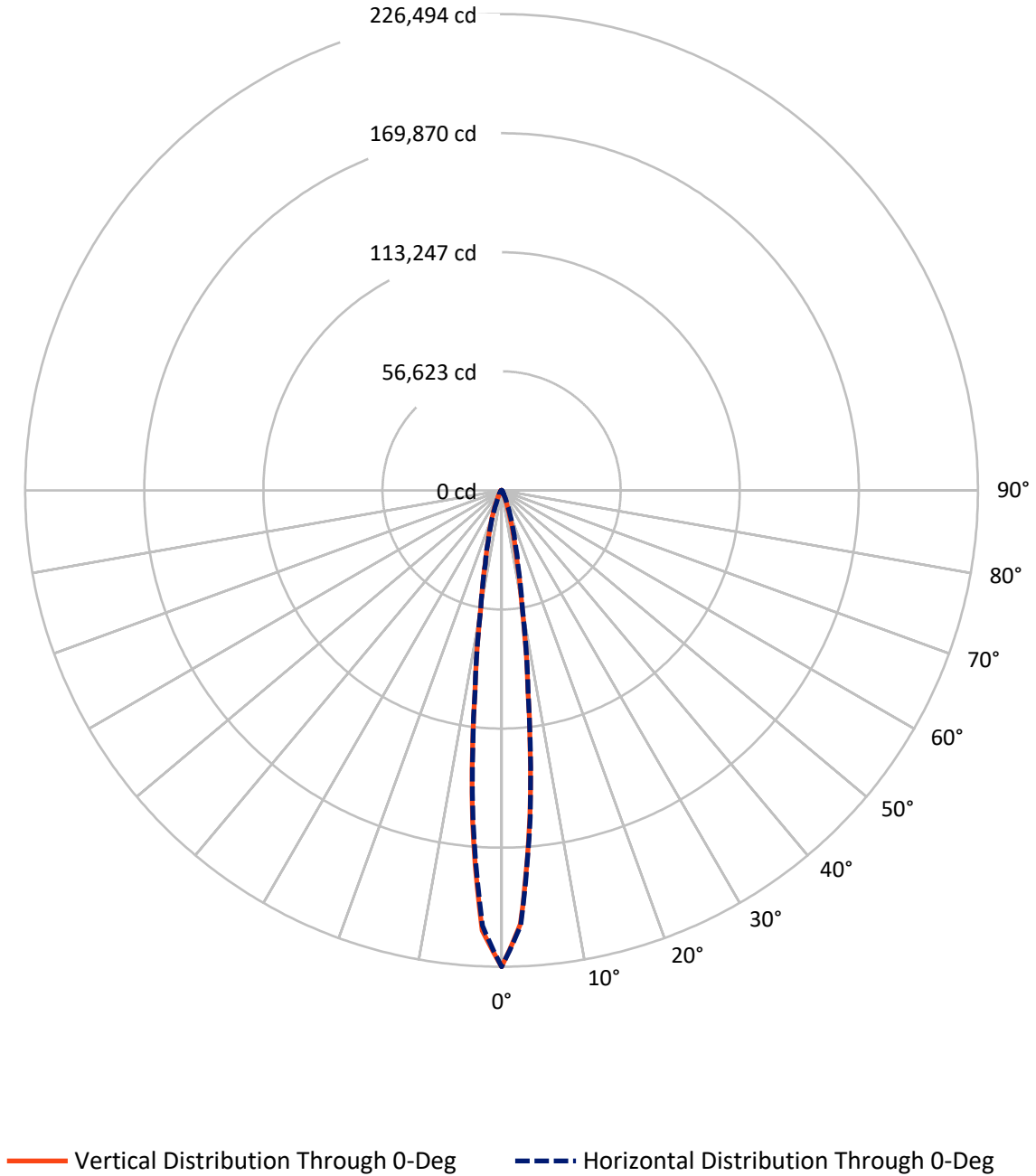
REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-U-NR-VSR-XX

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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1		
60		0.1	0.2	0.5	1.2	2.0	2.6	3.2	3.2	2.6	2.0	1.2	0.5	0.2				0.1	
50	0.1	0.1	0.7	1.9	3.6	5.4	7.5	8.9	8.9	7.5	5.4	3.6	1.9	0.7	0.1	0.1	0.1		
40		0.3	1.6	3.8	6.8	10.7	18.2	23.1	23.1	18.2	10.7	6.8	3.8	1.6				0.3	
30	0.2	0.6	2.5	5.7	10.5	22.7	60.7	100.5	100.5	60.7	22.7	10.5	5.7	2.5	0.2	0.2	0.2		
20		1.0	3.4	8.0	17.3	67.9	286.4	629.6	629.6	286.4	67.9	17.3	8.0	3.4				1.0	
10	0.3	1.2	4.2	9.3	23.5	127.5	686.3	3078.0	3078.0	686.3	127.5	23.5	9.3	4.2	0.3	0.3	0.3		
0		1.4	4.5	9.8	25.2	135.9	710.4	3130.3	3130.3	710.4	135.9	25.2	9.8	4.5				1.4	
-10	0.4	1.5	4.6	9.7	22.1	86.5	344.9	737.6	737.6	344.9	86.5	22.1	9.7	4.6	0.4	0.4	0.4		
-20		1.4	4.4	8.9	17.1	40.4	106.2	177.1	177.1	106.2	40.4	17.1	8.9	4.4				1.4	
-30	0.4	1.2	3.9	7.8	13.4	22.2	36.1	45.9	45.9	36.1	22.2	13.4	7.8	3.9	0.4	0.4	0.4		
-40		1.0	3.2	6.5	10.8	15.5	20.8	23.3	23.3	20.8	15.5	10.8	6.5	3.2				1.0	
-50	0.3	0.8	2.4	5.1	8.5	11.9	15.0	16.4	16.4	15.0	11.9	8.5	5.1	2.4	0.3	0.3	0.3		
-60		0.5	1.5	3.3	5.7	8.3	10.5	11.5	11.5	10.5	8.3	5.7	3.3	1.5				0.5	
-70	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
-80		1.3	5.6	12.4	15.6	12.4	5.6	1.3	0.1										
-90	0.1	1.3	5.6	12.4	15.6	12.4	5.6	1.3	0.1	1.3	5.6	12.4	15.6	12.4	5.6	1.3	0.1		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

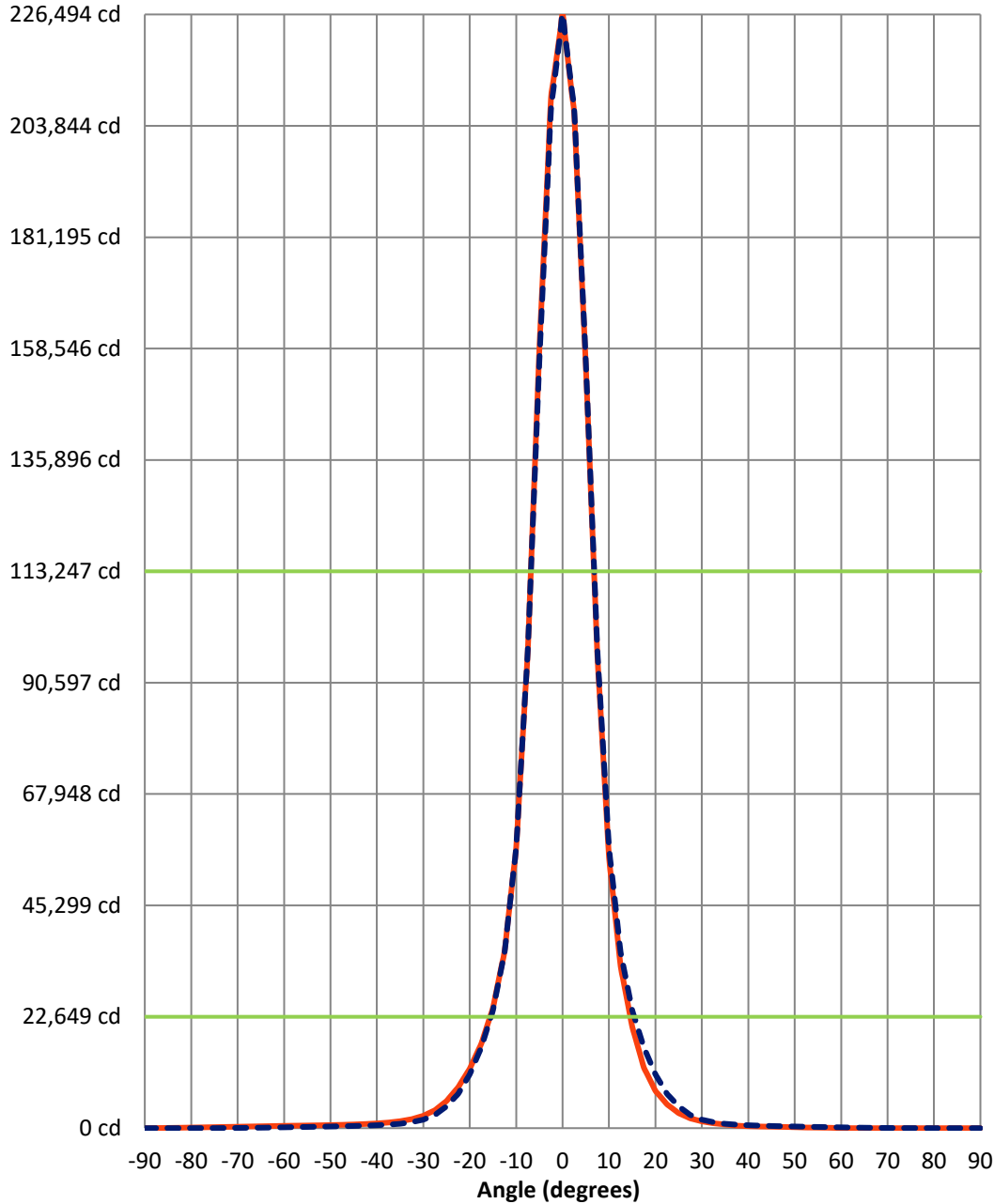
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7133.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 15888
 Efficiency: 71.1%

Spill:
 Lumens: 6456
 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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.8	0.1	0.0	0.5	0.7	0.3	0.3	1.0	1.1	0.5
70°	0.0	0.9	0.2	0.1	1.0	1.1	0.6	1.5	2.0	1.8	0.6
67.5°	0.0	1.0	0.3	0.6	1.4	1.5	1.7	2.7	3.1	1.9	0.8
65°	0.0	1.1	0.4	1.0	1.9	2.1	2.8	4.0	3.2	2.1	1.4
62.5°	0.0	1.2	0.5	1.5	2.5	2.7	3.8	4.5	3.4	2.5	3.0
60°	0.0	1.4	0.6	2.0	3.0	3.3	4.7	4.7	3.6	3.5	4.4
57.5°	0.0	1.5	1.0	2.5	3.4	3.9	4.8	4.8	4.0	4.3	4.8
55°	0.0	1.6	1.4	3.0	3.7	4.4	4.8	4.8	4.4	4.8	4.8
52.5°	0.0	1.8	1.8	3.6	4.0	4.8	4.8	4.8	4.7	4.8	4.8
50°	0.0	1.9	2.2	4.1	4.2	4.8	4.8	4.8	4.8	4.8	5.6
47.5°	0.0	2.0	2.5	4.5	4.4	4.8	4.8	4.8	4.8	4.8	6.6
45°	0.0	2.2	2.8	4.7	4.6	4.8	4.8	4.8	5.0	6.0	7.9
42.5°	0.0	2.3	3.1	4.8	4.8	4.8	4.8	5.0	5.3	7.3	10.6
40°	0.0	2.5	3.4	4.8	4.8	4.8	4.8	5.4	6.1	8.8	13.7
37.5°	0.0	2.6	3.6	4.8	4.8	4.8	4.8	5.8	7.8	11.1	16.9
35°	0.0	2.8	3.8	4.8	4.8	4.8	4.8	6.4	9.6	14.1	20.7
32.5°	0.0	3.0	4.0	4.8	4.8	4.8	4.9	7.1	11.4	17.1	25.6
30°	0.0	3.1	4.2	4.8	4.8	4.8	5.4	8.0	13.3	19.9	31.0
27.5°	0.0	3.3	4.3	4.8	4.8	4.8	6.0	9.5	15.5	22.6	36.8
25°	0.0	3.4	4.4	4.8	4.8	4.8	6.5	11.1	17.7	26.6	43.0
22.5°	0.0	3.6	4.5	4.8	4.8	4.9	7.1	12.6	19.9	31.4	50.4
20°	0.0	3.7	4.6	4.8	4.8	5.2	7.8	14.2	22.0	36.3	57.1
17.5°	0.0	3.9	4.7	4.8	4.8	5.7	8.6	15.7	23.9	41.2	63.3
15°	0.0	4.0	4.7	4.8	4.8	6.2	9.6	17.2	25.7	46.1	68.9
12.5°	0.0	4.2	4.8	4.8	4.8	6.7	10.5	18.6	28.1	50.8	73.9
10°	0.0	4.3	4.8	4.8	4.8	7.3	11.4	19.9	31.2	55.2	78.3
7.5°	0.0	4.4	4.8	4.8	4.8	7.9	12.2	21.1	34.3	59.0	82.2
5°	0.0	4.6	4.8	4.8	4.8	8.5	13.0	22.2	37.4	62.2	85.7
2.5°	0.0	4.7	4.8	4.8	4.8	9.0	13.7	23.2	40.4	64.9	88.6
0°	0.0	4.8	4.8	4.8	4.8	9.6	14.4	24.0	43.1	67.1	91.1
-2.5°	0.0	4.8	4.8	4.8	5.2	10.1	15.7	25.4	45.6	68.9	94.2
-5°	0.0	4.8	4.8	4.8	5.6	10.6	16.8	26.8	47.7	70.3	96.7
-7.5°	0.0	4.8	4.8	4.8	6.0	11.0	17.9	27.9	49.4	71.3	98.6
-10°	0.0	4.7	4.8	4.8	6.4	11.3	18.8	29.0	50.7	72.1	99.8
-12.5°	0.0	4.7	4.8	4.8	6.7	11.7	19.6	29.9	51.4	72.8	101.7
-15°	0.0	4.6	4.8	4.8	7.0	11.9	20.2	30.6	51.6	74.3	103.4
-17.5°	0.0	4.6	4.8	4.8	7.2	12.1	20.6	31.3	51.3	75.0	104.2
-20°	0.0	4.5	4.8	4.8	7.3	12.3	20.9	31.9	50.5	75.0	104.0

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Scaled Data Report



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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	4.4	4.8	4.8	7.4	12.4	21.2	32.3	49.4	74.2	102.8
-25°	0.0	4.4	4.8	4.8	7.3	12.7	21.3	32.5	47.9	72.4	100.6
-27.5°	0.0	4.3	4.8	4.8	7.2	13.0	21.3	32.4	46.0	70.0	98.5
-30°	0.0	4.2	4.8	4.8	7.1	13.3	21.2	32.0	45.0	67.4	95.2
-32.5°	0.0	4.0	4.8	4.8	7.0	13.4	20.9	31.6	44.4	64.4	90.6
-35°	0.0	3.9	4.8	4.8	6.9	13.3	20.9	31.2	43.5	61.0	84.9
-37.5°	0.0	3.8	4.8	4.8	6.8	13.2	20.8	30.6	42.2	57.1	81.6
-40°	0.0	3.7	4.8	4.8	6.5	12.9	20.5	29.9	40.6	54.7	78.6
-42.5°	0.0	3.5	4.8	4.8	6.5	12.5	20.1	29.1	39.3	53.6	74.8
-45°	0.0	3.4	4.8	5.0	6.6	12.0	19.5	28.2	38.2	51.9	70.7
-47.5°	0.0	3.2	4.8	5.1	6.8	11.4	18.7	27.2	36.9	49.7	68.0
-50°	0.0	3.1	4.8	5.1	6.8	10.7	17.8	26.0	35.5	47.8	64.5
-52.5°	0.0	2.9	4.8	5.2	6.8	9.8	16.6	24.6	33.8	45.2	60.3
-55°	0.0	2.8	4.8	5.2	6.8	9.5	15.3	23.0	31.7	41.8	55.9
-57.5°	0.0	2.6	4.8	5.2	6.7	9.3	13.9	21.2	29.5	38.8	50.7
-60°	0.0	2.4	4.8	5.2	6.6	9.0	12.4	19.1	26.9	35.7	45.4
-62.5°	0.0	2.2	4.4	5.1	6.4	8.6	11.8	16.9	24.2	32.3	41.3
-65°	0.0	2.0	4.1	5.0	6.1	8.2	11.1	14.9	21.1	28.6	36.9
-67.5°	0.0	1.8	3.7	4.9	5.9	7.6	10.2	13.7	17.9	24.7	32.2
-70°	0.0	1.6	3.3	4.8	5.6	7.1	9.3	12.3	16.0	20.5	27.2
-72.5°	0.0	1.4	2.9	4.3	5.2	6.4	8.3	10.9	14.0	17.9	22.3
-75°	0.0	1.2	2.5	3.7	4.9	5.8	7.2	9.5	11.9	15.1	18.8
-77.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	8.2	10.3	12.5	15.1
-80°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	6.8	8.8	10.8	12.7
-82.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	5.3	7.2	9.0	10.8
-85°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.6	4.9	6.4	8.1
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.8	2.5	3.2	4.1
-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	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.4	1.6	1.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.3	3.1	2.4	1.2	0.1	1.1	1.6	1.3	0.2	0.0	0.0
62.5°	4.4	3.8	2.7	2.0	2.7	3.6	2.8	1.6	0.4	2.3	3.4
60°	4.8	4.0	3.4	3.8	4.9	4.3	3.2	4.7	7.0	8.8	10.7
57.5°	4.8	4.4	4.4	5.2	5.4	5.4	8.4	11.3	15.9	19.8	22.4
55°	4.9	4.8	5.4	6.5	8.1	11.5	15.7	22.1	27.3	35.1	41.8
52.5°	5.5	5.4	7.3	9.8	14.5	19.8	27.3	36.3	46.5	54.2	62.4
50°	6.2	8.0	10.3	16.5	22.9	31.2	43.4	56.6	65.2	73.9	85.6
47.5°	8.5	10.9	16.9	24.1	33.3	46.6	63.4	72.9	81.5	95.1	109.7
45°	11.5	16.3	23.7	33.6	46.5	65.0	78.3	86.0	100.9	116.6	133.2
42.5°	14.7	22.5	32.6	43.0	63.2	80.9	92.9	105.2	120.2	138.6	156.5
40°	20.0	28.7	42.3	58.7	79.3	96.5	111.5	125.7	140.4	164.5	183.6
37.5°	25.3	37.9	53.3	73.8	95.2	114.0	130.7	148.6	169.5	196.7	213.9
35°	30.5	47.5	66.5	88.2	110.9	132.1	152.3	173.1	200.3	226.0	246.6
32.5°	37.7	57.4	78.7	102.2	125.5	149.6	174.1	199.0	225.7	252.0	278.9
30°	46.8	67.9	90.4	115.6	139.0	166.9	195.3	221.6	248.6	276.2	306.7
27.5°	55.9	77.8	102.0	127.5	152.1	183.9	214.4	241.9	269.6	299.4	334.1
25°	64.4	87.7	113.0	138.1	167.0	201.1	234.6	266.4	289.8	323.7	364.3
22.5°	72.6	97.4	124.5	147.6	181.4	218.4	257.4	291.7	319.4	349.7	395.7
20°	80.6	107.3	135.3	161.3	195.9	235.7	281.9	317.2	351.6	390.7	437.7
17.5°	88.3	116.6	146.1	176.8	213.3	254.5	307.0	343.1	384.1	430.9	490.1
15°	95.6	125.2	156.8	191.3	229.0	273.4	324.1	369.0	418.1	472.1	542.1
12.5°	102.4	133.0	167.4	204.7	242.9	289.7	338.4	386.1	442.6	513.2	601.3
10°	108.6	140.1	177.6	217.0	255.0	303.4	351.0	400.7	460.3	537.9	638.7
7.5°	113.8	147.3	187.4	228.1	265.4	314.8	361.8	412.7	475.0	558.2	663.8
5°	118.1	154.8	196.4	235.3	274.0	324.5	370.9	422.2	486.8	574.1	681.8
2.5°	121.7	161.8	204.2	240.6	281.4	333.4	378.2	432.7	498.8	586.5	698.6
0°	124.6	167.8	210.9	244.5	287.6	340.4	383.5	441.1	508.2	594.5	714.3
-2.5°	130.4	172.8	214.9	249.0	294.2	341.6	387.0	442.3	511.8	600.8	717.2
-5°	135.3	176.8	217.8	252.5	299.2	341.4	388.5	441.3	513.0	604.3	722.5
-7.5°	139.1	179.9	219.8	255.2	301.8	343.0	390.6	444.7	516.7	607.6	729.3
-10°	141.5	182.1	221.4	258.6	302.5	344.6	391.5	445.4	516.1	605.4	725.5
-12.5°	142.8	183.5	222.1	260.5	302.3	344.4	390.3	443.3	510.8	597.9	710.7
-15°	143.2	184.0	222.0	260.7	301.6	342.4	387.3	438.3	501.3	585.0	687.5
-17.5°	142.8	183.7	221.1	259.1	300.5	338.5	382.5	431.5	491.6	569.9	668.6
-20°	141.6	182.7	219.5	255.7	298.9	334.8	377.7	425.1	481.6	552.5	640.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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°	139.6	181.0	217.1	252.2	293.6	331.4	371.5	416.7	467.3	531.4	609.8
-25°	137.2	177.6	214.1	249.5	287.6	326.2	363.6	406.6	453.1	514.8	585.3
-27.5°	134.2	173.5	209.9	245.7	281.2	319.2	355.8	396.3	442.4	496.8	559.8
-30°	129.8	167.6	204.1	240.6	275.5	311.3	346.6	385.3	428.7	480.0	538.2
-32.5°	124.2	161.1	196.8	232.9	269.3	303.3	336.6	373.7	414.5	459.5	514.9
-35°	118.5	154.1	188.9	223.3	261.6	294.5	326.5	360.6	398.5	440.3	485.4
-37.5°	113.2	146.5	180.5	212.9	249.3	283.5	314.7	347.0	382.1	420.5	461.4
-40°	107.4	138.5	171.6	203.3	235.1	270.1	301.2	332.4	364.8	403.3	439.7
-42.5°	101.5	131.7	162.3	193.4	223.8	255.0	286.1	316.0	350.2	386.6	422.4
-45°	96.5	124.5	153.0	183.2	213.1	241.4	270.5	298.5	333.2	369.6	404.6
-47.5°	90.7	117.2	144.8	172.2	201.6	229.8	256.0	284.3	313.8	348.2	384.8
-50°	84.7	109.8	135.2	161.0	188.9	217.1	243.7	269.9	297.7	326.0	357.6
-52.5°	79.5	101.5	125.1	148.7	175.1	202.8	229.6	255.7	281.4	307.9	334.9
-55°	73.5	93.6	114.4	136.5	159.7	186.1	212.8	238.3	264.5	289.3	315.7
-57.5°	66.7	84.8	103.8	124.5	145.5	167.2	193.1	218.5	243.1	268.2	295.4
-60°	59.1	75.3	92.5	111.6	132.1	151.9	172.9	196.4	220.2	243.9	269.2
-62.5°	51.2	65.3	80.8	97.5	116.3	135.8	154.9	175.0	196.4	217.0	238.9
-65°	46.0	55.9	68.9	83.8	99.2	116.6	134.7	153.2	172.1	189.6	206.5
-67.5°	40.4	49.3	58.9	69.9	83.9	98.6	113.1	129.6	146.5	162.6	178.4
-70°	34.5	42.4	50.9	60.0	70.0	82.0	95.5	108.8	121.7	135.3	149.9
-72.5°	28.2	35.1	42.5	50.4	58.9	68.4	78.8	90.2	101.7	112.9	124.3
-75°	23.2	27.7	33.8	40.5	47.8	55.3	62.8	71.7	81.5	91.4	101.0
-77.5°	19.1	23.3	27.4	31.6	36.8	43.6	50.3	56.9	63.7	71.1	79.1
-80°	15.5	18.8	22.6	26.4	29.9	34.0	38.7	43.9	48.7	53.6	59.0
-82.5°	13.0	15.4	18.1	21.1	23.2	25.4	27.9	30.9	34.1	37.4	40.8
-85°	9.9	11.9	13.8	15.7	16.7	17.8	19.0	20.3	22.4	24.4	26.4
-87.5°	5.0	6.0	7.1	8.3	8.8	9.3	9.7	10.2	11.5	12.9	14.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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°	0.3	0.0	0.0	0.0	0.0	0.9	1.2	1.0	0.4	0.0	0.0
62.5°	2.8	2.3	3.7	5.0	5.5	5.3	4.9	4.4	3.7	3.4	3.9
60°	11.5	11.3	15.7	17.9	16.3	11.5	18.0	21.3	20.5	17.6	17.5
57.5°	28.2	34.2	38.6	40.5	46.8	57.1	59.1	55.7	54.5	55.6	64.2
55°	48.8	53.7	56.2	64.9	72.6	78.2	81.5	84.8	89.7	95.7	102.0
52.5°	69.0	75.7	80.8	88.6	97.8	101.1	100.2	112.1	121.3	127.2	129.6
50°	94.7	103.1	115.0	127.2	132.5	137.7	143.1	152.8	167.0	184.7	194.8
47.5°	122.4	135.6	148.1	162.1	169.1	174.6	182.8	199.7	219.9	238.9	248.9
45°	147.4	159.2	173.5	185.6	194.3	204.8	216.6	231.9	254.5	274.4	288.1
42.5°	167.5	180.7	195.5	210.1	218.8	233.1	251.0	271.9	295.6	316.2	331.5
40°	195.7	206.9	230.3	244.1	247.6	261.0	296.8	325.3	352.1	377.5	390.2
37.5°	229.6	251.5	275.8	288.4	300.7	324.3	372.3	418.3	452.4	486.8	505.7
35°	268.2	296.9	330.1	344.9	371.4	422.8	479.1	543.2	622.9	656.3	686.7
32.5°	305.7	337.9	368.4	401.8	448.1	509.4	573.0	676.8	773.8	848.9	903.7
30°	339.0	373.1	411.1	454.0	519.2	603.7	709.9	844.2	980.9	1100.2	1201.1
27.5°	371.9	410.6	455.8	519.7	611.6	726.4	895.8	1087.4	1315.6	1483.7	1684.4
25°	407.9	452.3	510.2	602.9	726.9	898.5	1169.3	1480.5	1854.6	2158.0	2475.4
22.5°	450.6	516.1	589.6	692.9	909.4	1192.2	1562.1	2094.1	2669.6	3201.7	3714.1
20°	502.2	591.6	709.7	899.9	1177.8	1595.9	2238.6	3087.6	3934.0	4835.3	5703.0
17.5°	575.7	704.7	888.1	1158.7	1525.0	2352.2	3395.0	4708.1	6395.0	7923.8	9258.5
15°	644.8	798.9	1088.3	1492.9	2131.9	3228.2	4812.0	6979.3	9608.4	12004.5	14535.1
12.5°	717.2	899.2	1231.6	1746.8	2634.6	4061.8	6287.7	9257.2	12549.3	16160.4	20273.7
10°	774.6	995.6	1393.6	2046.7	3141.2	4918.5	7569.7	11171.2	15545.8	20890.1	27465.5
7.5°	813.3	1072.8	1527.3	2266.3	3607.5	5794.5	8986.2	13314.9	18784.1	25864.1	35064.8
5°	843.5	1131.8	1627.9	2466.6	4002.0	6463.3	10035.6	15192.2	21661.9	31147.9	46740.4
2.5°	867.8	1176.9	1690.1	2604.5	4249.6	6928.9	10739.7	16254.3	23375.0	35054.3	55283.5
0°	886.9	1217.7	1730.7	2689.5	4439.4	6975.5	10959.4	16448.6	23989.8	35759.4	57122.0
-2.5°	895.0	1239.6	1744.6	2708.1	4420.4	7055.4	11026.5	16603.9	23966.7	35373.0	55068.6
-5°	908.5	1239.2	1734.1	2689.1	4321.3	6848.7	10588.6	15735.2	22520.8	32330.8	48467.0
-7.5°	918.1	1219.4	1683.9	2567.2	4061.9	6401.9	9819.1	14295.7	19889.3	27337.7	37331.4
-10°	909.3	1181.5	1600.2	2362.9	3658.5	5685.1	8649.0	12395.5	17044.3	22564.2	29354.1
-12.5°	875.1	1111.5	1463.6	2076.6	3136.2	4882.1	7471.8	10661.7	14102.5	17979.1	22671.1
-15°	831.8	1036.0	1340.6	1880.2	2748.9	4086.3	5976.9	8564.7	11324.9	14268.2	17406.9
-17.5°	798.1	969.7	1221.9	1612.5	2251.5	3314.9	4800.7	6639.0	8667.3	10908.3	12768.2
-20°	752.5	888.1	1099.8	1418.8	1906.3	2610.9	3693.0	5028.5	6367.0	7942.6	9227.4



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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°	706.8	825.0	986.1	1219.5	1582.2	2114.5	2783.1	3674.9	4653.7	5558.0	6448.3
-25°	664.4	755.5	885.8	1077.2	1323.3	1686.6	2162.4	2674.0	3319.1	3869.7	4480.6
-27.5°	630.1	708.3	804.4	944.8	1135.7	1369.4	1710.2	2052.9	2392.2	2670.0	3090.6
-30°	597.0	659.9	740.3	840.4	983.5	1163.6	1384.8	1607.2	1803.0	1981.6	2200.6
-32.5°	564.4	615.6	677.2	760.4	863.1	998.5	1134.4	1293.7	1429.9	1555.5	1671.7
-35°	531.8	577.4	624.3	694.4	776.3	872.5	971.3	1079.3	1173.5	1258.1	1332.9
-37.5°	502.4	542.4	586.5	638.7	704.7	777.1	857.8	936.2	998.5	1053.4	1098.8
-40°	477.5	513.9	551.7	593.5	643.8	700.9	769.4	834.7	878.3	911.8	939.4
-42.5°	455.3	487.3	519.6	555.0	593.6	643.1	697.2	751.1	780.7	806.6	826.5
-45°	437.5	462.1	489.2	519.4	553.6	595.0	637.6	674.9	701.2	723.5	740.1
-47.5°	414.0	437.6	461.1	486.1	517.9	552.4	587.6	616.3	639.3	658.7	671.4
-50°	388.0	412.9	434.4	456.4	485.7	514.9	543.2	566.9	588.9	607.9	617.9
-52.5°	361.2	387.9	410.5	431.9	456.5	482.0	507.6	527.8	547.0	565.0	572.5
-55°	341.8	366.5	389.8	409.9	430.2	450.6	471.4	492.5	511.5	528.5	533.6
-57.5°	321.0	346.1	369.1	387.2	405.5	423.9	443.0	462.0	480.3	496.6	500.8
-60°	295.4	322.7	343.1	360.2	378.0	396.2	412.8	429.7	446.8	461.0	465.6
-62.5°	263.1	287.9	308.1	326.1	343.2	359.1	375.2	391.0	406.4	417.6	421.3
-65°	224.2	245.3	266.1	285.0	301.9	317.2	332.1	346.5	360.4	370.3	375.3
-67.5°	193.6	208.7	225.5	241.7	258.7	274.4	287.9	300.6	312.5	320.9	326.2
-70°	164.0	178.5	194.2	209.6	224.4	237.2	247.9	258.4	268.6	276.0	281.6
-72.5°	135.8	148.0	161.1	174.7	188.2	199.8	209.7	219.0	227.8	234.2	239.3
-75°	110.3	120.4	131.4	142.4	153.4	162.5	170.8	178.9	186.7	192.3	197.0
-77.5°	87.5	96.0	104.7	113.3	121.9	128.6	134.6	140.6	146.3	150.8	154.8
-80°	64.8	71.5	78.4	85.3	92.2	97.3	101.8	106.2	110.3	112.9	115.2
-82.5°	44.3	49.0	53.8	58.7	63.5	67.3	70.9	74.5	77.9	79.2	80.1
-85°	28.3	30.6	33.1	35.8	38.5	40.6	42.6	44.5	46.2	47.9	49.5
-87.5°	15.7	16.2	16.6	17.0	17.4	18.8	20.3	21.7	23.2	23.4	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: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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	0.4	1.0
62.5°	4.3	4.6	4.7	4.8	4.7	4.6	4.3	3.9	3.4	3.7	4.4
60°	16.4	14.6	14.3	14.4	14.3	14.6	16.4	17.5	17.6	20.5	21.3
57.5°	72.9	81.1	83.4	81.5	83.4	81.1	72.9	64.2	55.6	54.5	55.7
55°	106.2	108.7	109.9	110.3	109.9	108.7	106.2	102.0	95.7	89.7	84.8
52.5°	130.1	129.3	129.1	129.4	129.1	129.3	130.1	129.6	127.2	121.3	112.1
50°	195.6	192.1	190.7	191.8	190.7	192.1	195.6	194.8	184.7	167.0	152.8
47.5°	250.1	251.2	252.9	254.1	252.9	251.2	250.1	248.9	238.9	219.9	199.7
45°	292.0	294.5	296.3	297.2	296.3	294.5	292.0	288.1	274.4	254.5	231.9
42.5°	334.9	335.2	334.7	335.6	334.7	335.2	334.9	331.5	316.2	295.6	271.9
40°	395.3	396.6	395.2	393.1	395.2	396.6	395.3	390.2	377.5	352.1	325.3
37.5°	516.6	518.4	512.7	508.2	512.7	518.4	516.6	505.7	486.8	452.4	418.3
35°	714.5	735.0	744.7	747.9	744.7	735.0	714.5	686.7	656.3	622.9	543.2
32.5°	941.7	970.2	984.5	997.2	984.5	970.2	941.7	903.7	848.9	773.8	676.8
30°	1267.3	1319.8	1343.0	1375.9	1343.0	1319.8	1267.3	1201.1	1100.2	980.9	844.2
27.5°	1798.4	1890.8	1942.0	1989.6	1942.0	1890.8	1798.4	1684.4	1483.7	1315.6	1087.4
25°	2706.1	2884.2	2999.5	3053.9	2999.5	2884.2	2706.1	2475.4	2158.0	1854.6	1480.5
22.5°	4209.9	4538.2	4791.3	4842.1	4791.3	4538.2	4209.9	3714.1	3201.7	2669.6	2094.1
20°	6544.8	7014.6	7396.7	7589.1	7396.7	7014.6	6544.8	5703.0	4835.3	3934.0	3087.6
17.5°	10848.3	11825.3	12271.6	12344.9	12271.6	11825.3	10848.3	9258.5	7923.8	6395.0	4708.1
15°	17250.6	18903.8	19953.3	20629.1	19953.3	18903.8	17250.6	14535.1	12004.5	9608.4	6979.3
12.5°	24555.4	29253.1	31926.1	32945.2	31926.1	29253.1	24555.4	20273.7	16160.4	12549.3	9257.2
10°	34469.7	45528.7	51907.9	55118.1	51907.9	45528.7	34469.7	27465.5	20890.1	15545.8	11171.2
7.5°	51296.6	68377.3	87302.1	96057.5	87302.1	68377.3	51296.6	35064.8	25864.1	18784.1	13314.9
5°	68985.6	106488.1	139404.2	155166.7	139404.2	106488.1	68985.6	46740.4	31147.9	21661.9	15192.2
2.5°	89316.4	139892.0	186653.2	206315.2	186653.2	139892.0	89316.4	55283.5	35054.3	23375.0	16254.3
0°	97141.0	156053.6	207194.9	226493.7	207194.9	156053.6	97141.0	57122.0	35759.4	23989.8	16448.6
-2.5°	90526.0	142342.2	187456.6	209508.1	187456.6	142342.2	90526.0	55068.6	35373.0	23966.7	16603.9
-5°	71927.6	107074.9	140486.5	158455.5	140486.5	107074.9	71927.6	48467.0	32330.8	22520.8	15735.2
-7.5°	52790.4	71924.2	90479.8	96968.4	90479.8	71924.2	52790.4	37331.4	27337.7	19889.3	14295.7
-10°	36753.7	47710.4	54943.0	57007.0	54943.0	47710.4	36753.7	29354.1	22564.2	17044.3	12395.5
-12.5°	27249.2	32041.7	35376.1	35955.9	35376.1	32041.7	27249.2	22671.1	17979.1	14102.5	10661.7
-15°	20177.4	22614.5	24334.2	24450.0	24334.2	22614.5	20177.4	17406.9	14268.2	11324.9	8564.7
-17.5°	14749.7	16385.6	17253.6	17191.7	17253.6	16385.6	14749.7	12768.2	10908.3	8667.3	6639.0
-20°	10546.9	11533.0	12232.3	12095.6	12232.3	11533.0	10546.9	9227.4	7942.6	6367.0	5028.5



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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°	7354.1	8008.6	8418.4	8313.0	8418.4	8008.6	7354.1	6448.3	5558.0	4653.7	3674.9
-25°	4997.0	5353.7	5556.6	5522.8	5556.6	5353.7	4997.0	4480.6	3869.7	3319.1	2674.0
-27.5°	3405.2	3593.6	3656.5	3653.1	3656.5	3593.6	3405.2	3090.6	2670.0	2392.2	2052.9
-30°	2363.5	2490.1	2562.4	2516.9	2562.4	2490.1	2363.5	2200.6	1981.6	1803.0	1607.2
-32.5°	1761.5	1832.9	1874.3	1831.4	1874.3	1832.9	1761.5	1671.7	1555.5	1429.9	1293.7
-35°	1388.2	1424.3	1438.9	1414.3	1438.9	1424.3	1388.2	1332.9	1258.1	1173.5	1079.3
-37.5°	1131.8	1153.0	1160.2	1145.8	1160.2	1153.0	1131.8	1098.8	1053.4	998.5	936.2
-40°	959.0	972.0	975.2	963.6	975.2	972.0	959.0	939.4	911.8	878.3	834.7
-42.5°	839.1	846.9	848.7	843.8	848.7	846.9	839.1	826.5	806.6	780.7	751.1
-45°	750.0	756.6	757.8	752.7	757.8	756.6	750.0	740.1	723.5	701.2	674.9
-47.5°	677.7	681.9	682.9	680.8	682.9	681.9	677.7	671.4	658.7	639.3	616.3
-50°	622.4	625.2	625.5	623.2	625.5	625.2	622.4	617.9	607.9	588.9	566.9
-52.5°	576.1	578.1	579.5	580.1	579.5	578.1	576.1	572.5	565.0	547.0	527.8
-55°	537.1	539.7	541.2	541.7	541.2	539.7	537.1	533.6	528.5	511.5	492.5
-57.5°	504.0	506.3	507.7	508.2	507.7	506.3	504.0	500.8	496.6	480.3	462.0
-60°	469.4	472.2	474.0	474.6	474.0	472.2	469.4	465.6	461.0	446.8	429.7
-62.5°	423.8	425.0	426.2	426.7	426.2	425.0	423.8	421.3	417.6	406.4	391.0
-65°	379.0	381.5	383.0	383.5	383.0	381.5	379.0	375.3	370.3	360.4	346.5
-67.5°	330.5	333.8	337.4	340.4	337.4	333.8	330.5	326.2	320.9	312.5	300.6
-70°	286.5	290.7	292.1	292.4	292.1	290.7	286.5	281.6	276.0	268.6	258.4
-72.5°	243.9	247.9	251.3	254.1	251.3	247.9	243.9	239.3	234.2	227.8	219.0
-75°	201.2	204.9	205.8	206.1	205.8	204.9	201.2	197.0	192.3	186.7	178.9
-77.5°	158.6	162.1	162.8	163.0	162.8	162.1	158.6	154.8	150.8	146.3	140.6
-80°	117.4	119.3	122.1	124.6	122.1	119.3	117.4	115.2	112.9	110.3	106.2
-82.5°	80.7	81.2	81.4	81.5	81.4	81.2	80.7	80.1	79.2	77.9	74.5
-85°	51.0	52.5	52.6	52.7	52.6	52.5	51.0	49.5	47.9	46.2	44.5
-87.5°	23.8	23.9	24.0	24.0	24.0	23.9	23.8	23.6	23.4	23.2	21.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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	0.3
65°	1.2	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.3
62.5°	4.9	5.3	5.5	5.0	3.7	2.3	2.8	3.4	2.3	0.4	1.6
60°	18.0	11.5	16.3	17.9	15.7	11.3	11.5	10.7	8.8	7.0	4.7
57.5°	59.1	57.1	46.8	40.5	38.6	34.2	28.2	22.4	19.8	15.9	11.3
55°	81.5	78.2	72.6	64.9	56.2	53.7	48.8	41.8	35.1	27.3	22.1
52.5°	100.2	101.1	97.8	88.6	80.8	75.7	69.0	62.4	54.2	46.5	36.3
50°	143.1	137.7	132.5	127.2	115.0	103.1	94.7	85.6	73.9	65.2	56.6
47.5°	182.8	174.6	169.1	162.1	148.1	135.6	122.4	109.7	95.1	81.5	72.9
45°	216.6	204.8	194.3	185.6	173.5	159.2	147.4	133.2	116.6	100.9	86.0
42.5°	251.0	233.1	218.8	210.1	195.5	180.7	167.5	156.5	138.6	120.2	105.2
40°	296.8	261.0	247.6	244.1	230.3	206.9	195.7	183.6	164.5	140.4	125.7
37.5°	372.3	324.3	300.7	288.4	275.8	251.5	229.6	213.9	196.7	169.5	148.6
35°	479.1	422.8	371.4	344.9	330.1	296.9	268.2	246.6	226.0	200.3	173.1
32.5°	573.0	509.4	448.1	401.8	368.4	337.9	305.7	278.9	252.0	225.7	199.0
30°	709.9	603.7	519.2	454.0	411.1	373.1	339.0	306.7	276.2	248.6	221.6
27.5°	895.8	726.4	611.6	519.7	455.8	410.6	371.9	334.1	299.4	269.6	241.9
25°	1169.3	898.5	726.9	602.9	510.2	452.3	407.9	364.3	323.7	289.8	266.4
22.5°	1562.1	1192.2	909.4	692.9	589.6	516.1	450.6	395.7	349.7	319.4	291.7
20°	2238.6	1595.9	1177.8	899.9	709.7	591.6	502.2	437.7	390.7	351.6	317.2
17.5°	3395.0	2352.2	1525.0	1158.7	888.1	704.7	575.7	490.1	430.9	384.1	343.1
15°	4812.0	3228.2	2131.9	1492.9	1088.3	798.9	644.8	542.1	472.1	418.1	369.0
12.5°	6287.7	4061.8	2634.6	1746.8	1231.6	899.2	717.2	601.3	513.2	442.6	386.1
10°	7569.7	4918.5	3141.2	2046.7	1393.6	995.6	774.6	638.7	537.9	460.3	400.7
7.5°	8986.2	5794.5	3607.5	2266.3	1527.3	1072.8	813.3	663.8	558.2	475.0	412.7
5°	10035.6	6463.3	4002.0	2466.6	1627.9	1131.8	843.5	681.8	574.1	486.8	422.2
2.5°	10739.7	6928.9	4249.6	2604.5	1690.1	1176.9	867.8	698.6	586.5	498.8	432.7
0°	10959.4	6975.5	4439.4	2689.5	1730.7	1217.7	886.9	714.3	594.5	508.2	441.1
-2.5°	11026.5	7055.4	4420.4	2708.1	1744.6	1239.6	895.0	717.2	600.8	511.8	442.3
-5°	10588.6	6848.7	4321.3	2689.1	1734.1	1239.2	908.5	722.5	604.3	513.0	441.3
-7.5°	9819.1	6401.9	4061.9	2567.2	1683.9	1219.4	918.1	729.3	607.6	516.7	444.7
-10°	8649.0	5685.1	3658.5	2362.9	1600.2	1181.5	909.3	725.5	605.4	516.1	445.4
-12.5°	7471.8	4882.1	3136.2	2076.6	1463.6	1111.5	875.1	710.7	597.9	510.8	443.3
-15°	5976.9	4086.3	2748.9	1880.2	1340.6	1036.0	831.8	687.5	585.0	501.3	438.3
-17.5°	4800.7	3314.9	2251.5	1612.5	1221.9	969.7	798.1	668.6	569.9	491.6	431.5
-20°	3693.0	2610.9	1906.3	1418.8	1099.8	888.1	752.5	640.8	552.5	481.6	425.1



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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°	2783.1	2114.5	1582.2	1219.5	986.1	825.0	706.8	609.8	531.4	467.3	416.7
-25°	2162.4	1686.6	1323.3	1077.2	885.8	755.5	664.4	585.3	514.8	453.1	406.6
-27.5°	1710.2	1369.4	1135.7	944.8	804.4	708.3	630.1	559.8	496.8	442.4	396.3
-30°	1384.8	1163.6	983.5	840.4	740.3	659.9	597.0	538.2	480.0	428.7	385.3
-32.5°	1134.4	998.5	863.1	760.4	677.2	615.6	564.4	514.9	459.5	414.5	373.7
-35°	971.3	872.5	776.3	694.4	624.3	577.4	531.8	485.4	440.3	398.5	360.6
-37.5°	857.8	777.1	704.7	638.7	586.5	542.4	502.4	461.4	420.5	382.1	347.0
-40°	769.4	700.9	643.8	593.5	551.7	513.9	477.5	439.7	403.3	364.8	332.4
-42.5°	697.2	643.1	593.6	555.0	519.6	487.3	455.3	422.4	386.6	350.2	316.0
-45°	637.6	595.0	553.6	519.4	489.2	462.1	437.5	404.6	369.6	333.2	298.5
-47.5°	587.6	552.4	517.9	486.1	461.1	437.6	414.0	384.8	348.2	313.8	284.3
-50°	543.2	514.9	485.7	456.4	434.4	412.9	388.0	357.6	326.0	297.7	269.9
-52.5°	507.6	482.0	456.5	431.9	410.5	387.9	361.2	334.9	307.9	281.4	255.7
-55°	471.4	450.6	430.2	409.9	389.8	366.5	341.8	315.7	289.3	264.5	238.3
-57.5°	443.0	423.9	405.5	387.2	369.1	346.1	321.0	295.4	268.2	243.1	218.5
-60°	412.8	396.2	378.0	360.2	343.1	322.7	295.4	269.2	243.9	220.2	196.4
-62.5°	375.2	359.1	343.2	326.1	308.1	287.9	263.1	238.9	217.0	196.4	175.0
-65°	332.1	317.2	301.9	285.0	266.1	245.3	224.2	206.5	189.6	172.1	153.2
-67.5°	287.9	274.4	258.7	241.7	225.5	208.7	193.6	178.4	162.6	146.5	129.6
-70°	247.9	237.2	224.4	209.6	194.2	178.5	164.0	149.9	135.3	121.7	108.8
-72.5°	209.7	199.8	188.2	174.7	161.1	148.0	135.8	124.3	112.9	101.7	90.2
-75°	170.8	162.5	153.4	142.4	131.4	120.4	110.3	101.0	91.4	81.5	71.7
-77.5°	134.6	128.6	121.9	113.3	104.7	96.0	87.5	79.1	71.1	63.7	56.9
-80°	101.8	97.3	92.2	85.3	78.4	71.5	64.8	59.0	53.6	48.7	43.9
-82.5°	70.9	67.3	63.5	58.7	53.8	49.0	44.3	40.8	37.4	34.1	30.9
-85°	42.6	40.6	38.5	35.8	33.1	30.6	28.3	26.4	24.4	22.4	20.3
-87.5°	20.3	18.8	17.4	17.0	16.6	16.2	15.7	14.3	12.9	11.5	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.0	0.3
70°	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.6	1.8	2.0	1.5
67.5°	0.0	0.0	0.0	1.0	1.6	1.4	0.3	0.8	1.9	3.1	2.7
65°	1.6	1.1	0.1	1.2	2.4	3.1	2.3	1.4	2.1	3.2	4.0
62.5°	2.8	3.6	2.7	2.0	2.7	3.8	4.4	3.0	2.5	3.4	4.5
60°	3.2	4.3	4.9	3.8	3.4	4.0	4.8	4.4	3.5	3.6	4.7
57.5°	8.4	5.4	5.4	5.2	4.4	4.4	4.8	4.8	4.3	4.0	4.8
55°	15.7	11.5	8.1	6.5	5.4	4.8	4.9	4.8	4.8	4.4	4.8
52.5°	27.3	19.8	14.5	9.8	7.3	5.4	5.5	4.8	4.8	4.7	4.8
50°	43.4	31.2	22.9	16.5	10.3	8.0	6.2	5.6	4.8	4.8	4.8
47.5°	63.4	46.6	33.3	24.1	16.9	10.9	8.5	6.6	4.8	4.8	4.8
45°	78.3	65.0	46.5	33.6	23.7	16.3	11.5	7.9	6.0	5.0	4.8
42.5°	92.9	80.9	63.2	43.0	32.6	22.5	14.7	10.6	7.3	5.3	5.0
40°	111.5	96.5	79.3	58.7	42.3	28.7	20.0	13.7	8.8	6.1	5.4
37.5°	130.7	114.0	95.2	73.8	53.3	37.9	25.3	16.9	11.1	7.8	5.8
35°	152.3	132.1	110.9	88.2	66.5	47.5	30.5	20.7	14.1	9.6	6.4
32.5°	174.1	149.6	125.5	102.2	78.7	57.4	37.7	25.6	17.1	11.4	7.1
30°	195.3	166.9	139.0	115.6	90.4	67.9	46.8	31.0	19.9	13.3	8.0
27.5°	214.4	183.9	152.1	127.5	102.0	77.8	55.9	36.8	22.6	15.5	9.5
25°	234.6	201.1	167.0	138.1	113.0	87.7	64.4	43.0	26.6	17.7	11.1
22.5°	257.4	218.4	181.4	147.6	124.5	97.4	72.6	50.4	31.4	19.9	12.6
20°	281.9	235.7	195.9	161.3	135.3	107.3	80.6	57.1	36.3	22.0	14.2
17.5°	307.0	254.5	213.3	176.8	146.1	116.6	88.3	63.3	41.2	23.9	15.7
15°	324.1	273.4	229.0	191.3	156.8	125.2	95.6	68.9	46.1	25.7	17.2
12.5°	338.4	289.7	242.9	204.7	167.4	133.0	102.4	73.9	50.8	28.1	18.6
10°	351.0	303.4	255.0	217.0	177.6	140.1	108.6	78.3	55.2	31.2	19.9
7.5°	361.8	314.8	265.4	228.1	187.4	147.3	113.8	82.2	59.0	34.3	21.1
5°	370.9	324.5	274.0	235.3	196.4	154.8	118.1	85.7	62.2	37.4	22.2
2.5°	378.2	333.4	281.4	240.6	204.2	161.8	121.7	88.6	64.9	40.4	23.2
0°	383.5	340.4	287.6	244.5	210.9	167.8	124.6	91.1	67.1	43.1	24.0
-2.5°	387.0	341.6	294.2	249.0	214.9	172.8	130.4	94.2	68.9	45.6	25.4
-5°	388.5	341.4	299.2	252.5	217.8	176.8	135.3	96.7	70.3	47.7	26.8
-7.5°	390.6	343.0	301.8	255.2	219.8	179.9	139.1	98.6	71.3	49.4	27.9
-10°	391.5	344.6	302.5	258.6	221.4	182.1	141.5	99.8	72.1	50.7	29.0
-12.5°	390.3	344.4	302.3	260.5	222.1	183.5	142.8	101.7	72.8	51.4	29.9
-15°	387.3	342.4	301.6	260.7	222.0	184.0	143.2	103.4	74.3	51.6	30.6
-17.5°	382.5	338.5	300.5	259.1	221.1	183.7	142.8	104.2	75.0	51.3	31.3
-20°	377.7	334.8	298.9	255.7	219.5	182.7	141.6	104.0	75.0	50.5	31.9

Classified

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Scaled Data Report



REPORT NUMBER: P627388 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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°	371.5	331.4	293.6	252.2	217.1	181.0	139.6	102.8	74.2	49.4	32.3
-25°	363.6	326.2	287.6	249.5	214.1	177.6	137.2	100.6	72.4	47.9	32.5
-27.5°	355.8	319.2	281.2	245.7	209.9	173.5	134.2	98.5	70.0	46.0	32.4
-30°	346.6	311.3	275.5	240.6	204.1	167.6	129.8	95.2	67.4	45.0	32.0
-32.5°	336.6	303.3	269.3	232.9	196.8	161.1	124.2	90.6	64.4	44.4	31.6
-35°	326.5	294.5	261.6	223.3	188.9	154.1	118.5	84.9	61.0	43.5	31.2
-37.5°	314.7	283.5	249.3	212.9	180.5	146.5	113.2	81.6	57.1	42.2	30.6
-40°	301.2	270.1	235.1	203.3	171.6	138.5	107.4	78.6	54.7	40.6	29.9
-42.5°	286.1	255.0	223.8	193.4	162.3	131.7	101.5	74.8	53.6	39.3	29.1
-45°	270.5	241.4	213.1	183.2	153.0	124.5	96.5	70.7	51.9	38.2	28.2
-47.5°	256.0	229.8	201.6	172.2	144.8	117.2	90.7	68.0	49.7	36.9	27.2
-50°	243.7	217.1	188.9	161.0	135.2	109.8	84.7	64.5	47.8	35.5	26.0
-52.5°	229.6	202.8	175.1	148.7	125.1	101.5	79.5	60.3	45.2	33.8	24.6
-55°	212.8	186.1	159.7	136.5	114.4	93.6	73.5	55.9	41.8	31.7	23.0
-57.5°	193.1	167.2	145.5	124.5	103.8	84.8	66.7	50.7	38.8	29.5	21.2
-60°	172.9	151.9	132.1	111.6	92.5	75.3	59.1	45.4	35.7	26.9	19.1
-62.5°	154.9	135.8	116.3	97.5	80.8	65.3	51.2	41.3	32.3	24.2	16.9
-65°	134.7	116.6	99.2	83.8	68.9	55.9	46.0	36.9	28.6	21.1	14.9
-67.5°	113.1	98.6	83.9	69.9	58.9	49.3	40.4	32.2	24.7	17.9	13.7
-70°	95.5	82.0	70.0	60.0	50.9	42.4	34.5	27.2	20.5	16.0	12.3
-72.5°	78.8	68.4	58.9	50.4	42.5	35.1	28.2	22.3	17.9	14.0	10.9
-75°	62.8	55.3	47.8	40.5	33.8	27.7	23.2	18.8	15.1	11.9	9.5
-77.5°	50.3	43.6	36.8	31.6	27.4	23.3	19.1	15.1	12.5	10.3	8.2
-80°	38.7	34.0	29.9	26.4	22.6	18.8	15.5	12.7	10.8	8.8	6.8
-82.5°	27.9	25.4	23.2	21.1	18.1	15.4	13.0	10.8	9.0	7.2	5.3
-85°	19.0	17.8	16.7	15.7	13.8	11.9	9.9	8.1	6.4	4.9	3.6
-87.5°	9.7	9.3	8.8	8.3	7.1	6.0	5.0	4.1	3.2	2.5	1.8
-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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CATALOG NUMBER: GFLD-SA4C-730-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	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.6	0.0
72.5°	0.3	0.7	0.5	0.0	0.1	0.8	0.0
70°	0.6	1.1	1.0	0.1	0.2	0.9	0.0
67.5°	1.7	1.5	1.4	0.6	0.3	1.0	0.0
65°	2.8	2.1	1.9	1.0	0.4	1.1	0.0
62.5°	3.8	2.7	2.5	1.5	0.5	1.2	0.0
60°	4.7	3.3	3.0	2.0	0.6	1.4	0.0
57.5°	4.8	3.9	3.4	2.5	1.0	1.5	0.0
55°	4.8	4.4	3.7	3.0	1.4	1.6	0.0
52.5°	4.8	4.8	4.0	3.6	1.8	1.8	0.0
50°	4.8	4.8	4.2	4.1	2.2	1.9	0.0
47.5°	4.8	4.8	4.4	4.5	2.5	2.0	0.0
45°	4.8	4.8	4.6	4.7	2.8	2.2	0.0
42.5°	4.8	4.8	4.8	4.8	3.1	2.3	0.0
40°	4.8	4.8	4.8	4.8	3.4	2.5	0.0
37.5°	4.8	4.8	4.8	4.8	3.6	2.6	0.0
35°	4.8	4.8	4.8	4.8	3.8	2.8	0.0
32.5°	4.9	4.8	4.8	4.8	4.0	3.0	0.0
30°	5.4	4.8	4.8	4.8	4.2	3.1	0.0
27.5°	6.0	4.8	4.8	4.8	4.3	3.3	0.0
25°	6.5	4.8	4.8	4.8	4.4	3.4	0.0
22.5°	7.1	4.9	4.8	4.8	4.5	3.6	0.0
20°	7.8	5.2	4.8	4.8	4.6	3.7	0.0
17.5°	8.6	5.7	4.8	4.8	4.7	3.9	0.0
15°	9.6	6.2	4.8	4.8	4.7	4.0	0.0
12.5°	10.5	6.7	4.8	4.8	4.8	4.2	0.0
10°	11.4	7.3	4.8	4.8	4.8	4.3	0.0
7.5°	12.2	7.9	4.8	4.8	4.8	4.4	0.0
5°	13.0	8.5	4.8	4.8	4.8	4.6	0.0
2.5°	13.7	9.0	4.8	4.8	4.8	4.7	0.0
0°	14.4	9.6	4.8	4.8	4.8	4.8	0.0
-2.5°	15.7	10.1	5.2	4.8	4.8	4.8	0.0
-5°	16.8	10.6	5.6	4.8	4.8	4.8	0.0
-7.5°	17.9	11.0	6.0	4.8	4.8	4.8	0.0
-10°	18.8	11.3	6.4	4.8	4.8	4.7	0.0
-12.5°	19.6	11.7	6.7	4.8	4.8	4.7	0.0
-15°	20.2	11.9	7.0	4.8	4.8	4.6	0.0
-17.5°	20.6	12.1	7.2	4.8	4.8	4.6	0.0
-20°	20.9	12.3	7.3	4.8	4.8	4.5	0.0

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CATALOG NUMBER: GFLD-SA4C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.2	12.4	7.4	4.8	4.8	4.4	0.0
-25°	21.3	12.7	7.3	4.8	4.8	4.4	0.0
-27.5°	21.3	13.0	7.2	4.8	4.8	4.3	0.0
-30°	21.2	13.3	7.1	4.8	4.8	4.2	0.0
-32.5°	20.9	13.4	7.0	4.8	4.8	4.0	0.0
-35°	20.9	13.3	6.9	4.8	4.8	3.9	0.0
-37.5°	20.8	13.2	6.8	4.8	4.8	3.8	0.0
-40°	20.5	12.9	6.5	4.8	4.8	3.7	0.0
-42.5°	20.1	12.5	6.5	4.8	4.8	3.5	0.0
-45°	19.5	12.0	6.6	5.0	4.8	3.4	0.0
-47.5°	18.7	11.4	6.8	5.1	4.8	3.2	0.0
-50°	17.8	10.7	6.8	5.1	4.8	3.1	0.0
-52.5°	16.6	9.8	6.8	5.2	4.8	2.9	0.0
-55°	15.3	9.5	6.8	5.2	4.8	2.8	0.0
-57.5°	13.9	9.3	6.7	5.2	4.8	2.6	0.0
-60°	12.4	9.0	6.6	5.2	4.8	2.4	0.0
-62.5°	11.8	8.6	6.4	5.1	4.4	2.2	0.0
-65°	11.1	8.2	6.1	5.0	4.1	2.0	0.0
-67.5°	10.2	7.6	5.9	4.9	3.7	1.8	0.0
-70°	9.3	7.1	5.6	4.8	3.3	1.6	0.0
-72.5°	8.3	6.4	5.2	4.3	2.9	1.4	0.0
-75°	7.2	5.8	4.9	3.7	2.5	1.2	0.0
-77.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
-80°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-82.5°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)