

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: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627338 (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-SA4B-735-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

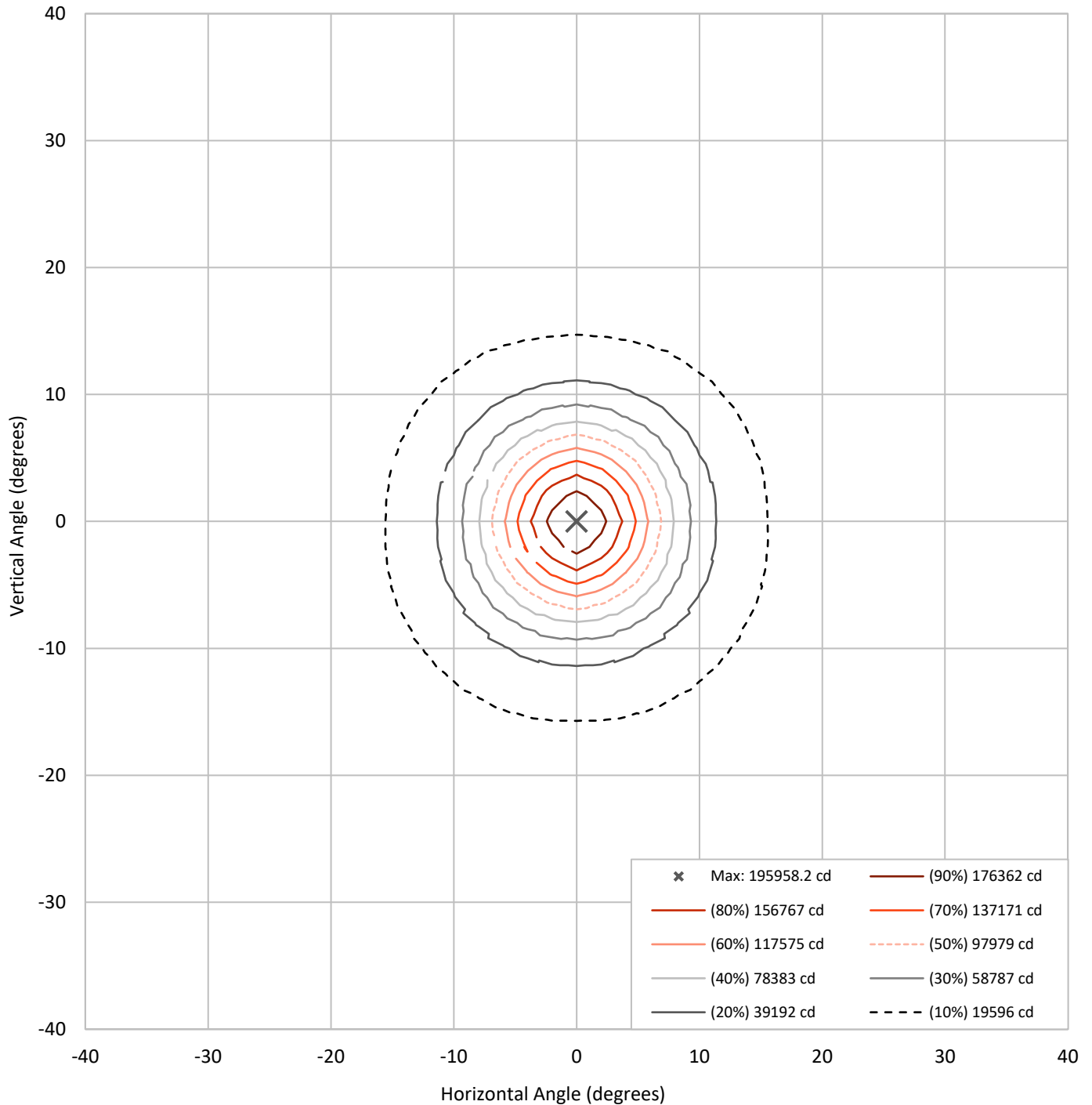
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19331.6 lumens	Max Intensity:	195958.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.3 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:	6171.5 lumens	Field Lumens:	13746 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





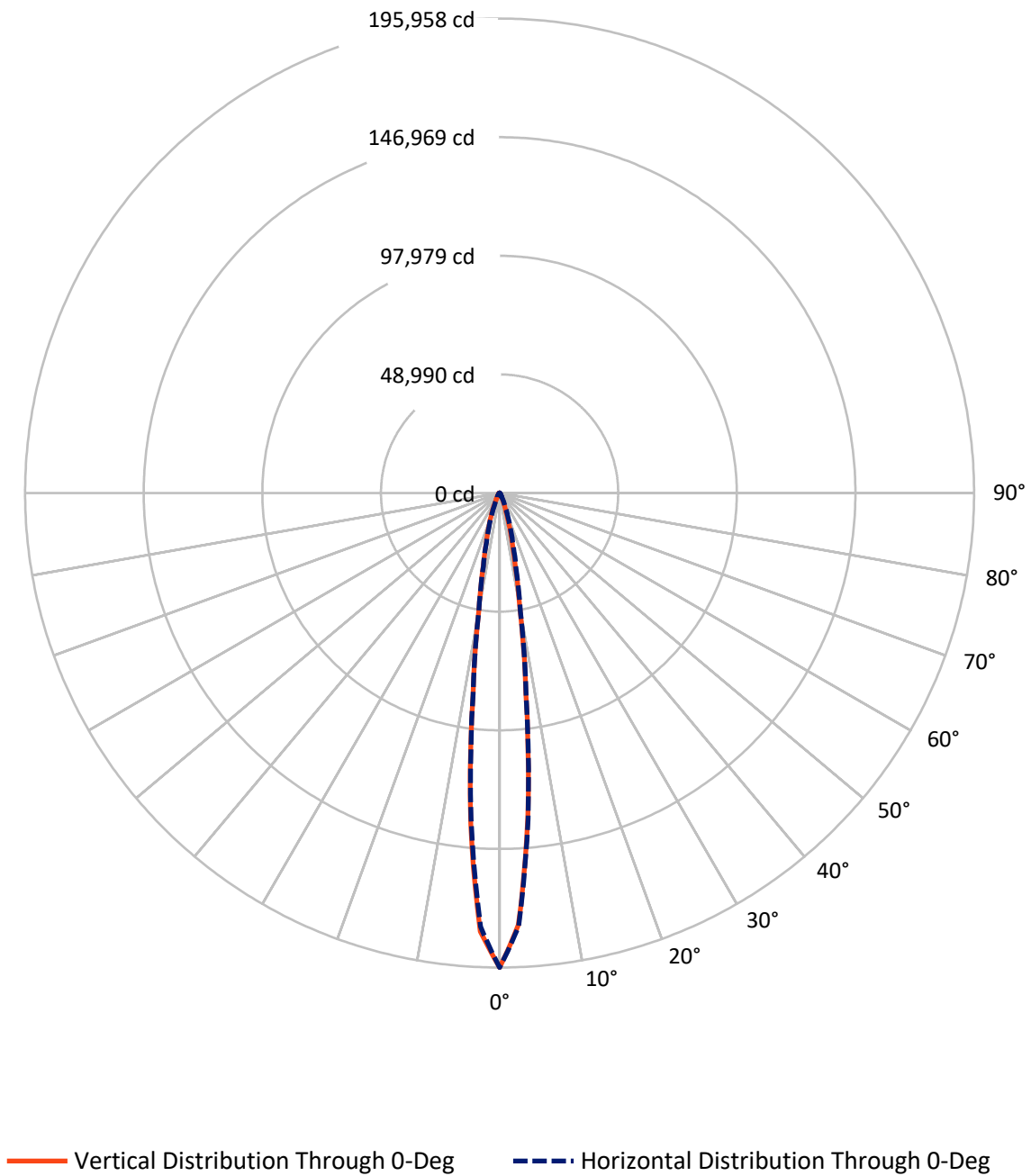
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Lumen Table

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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1			
60		0.1	0.1	0.5	1.1	1.7	2.3	2.7	2.7	2.3	1.7	1.1	0.5	0.1	0.1				
50	0.1	0.1	0.6	1.7	3.1	4.6	6.5	7.7	7.7	6.5	4.6	3.1	1.7	0.6	0.1	0.1			
40		0.3	1.4	3.3	5.9	9.2	15.7	20.0	20.0	15.7	9.2	5.9	3.3	1.4	0.3				
30	0.2	0.5	2.2	5.0	9.1	19.7	52.5	87.0	87.0	52.5	19.7	9.1	5.0	2.2	0.5	0.2			
20		0.8	3.0	6.9	15.0	58.8	247.8	544.7	544.7	247.8	58.8	15.0	6.9	3.0	0.8				
10	0.3	1.0	3.6	8.1	20.3	110.3	593.8	2663.1	2663.1	593.8	110.3	20.3	8.1	3.6	1.0	0.3			
0		1.2	3.9	8.5	21.8	117.6	614.6	2708.3	2708.3	614.6	117.6	21.8	8.5	3.9	1.2				
-10	0.4	1.3	4.0	8.4	19.1	74.8	298.4	638.2	638.2	298.4	74.8	19.1	8.4	4.0	1.3	0.4			
-20		1.2	3.8	7.7	14.8	35.0	91.9	153.2	153.2	91.9	35.0	14.8	7.7	3.8	1.2				
-30	0.3	1.0	3.4	6.8	11.6	19.2	31.3	39.7	39.7	31.3	19.2	11.6	6.8	3.4	1.0	0.3			
-40		0.9	2.8	5.7	9.3	13.4	18.0	20.1	20.1	18.0	13.4	9.3	5.7	2.8	0.9				
-50	0.2	0.7	2.1	4.4	7.4	10.3	13.0	14.2	14.2	13.0	10.3	7.4	4.4	2.1	0.7	0.2			
-60		0.4	1.3	2.9	4.9	7.2	9.1	10.0	10.0	9.1	7.2	4.9	2.9	1.3	0.4				
-70	0.1	0.4	1.3	2.9	4.9	7.2	9.1	10.0	10.0	9.1	7.2	4.9	2.9	1.3	0.4	0.1			
-80		0.1	1.2	4.9	10.7	13.5	10.7	4.9	1.2	0.1									
-90	0.1	1.2	4.9	10.7	13.5	10.7	4.9	1.2	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

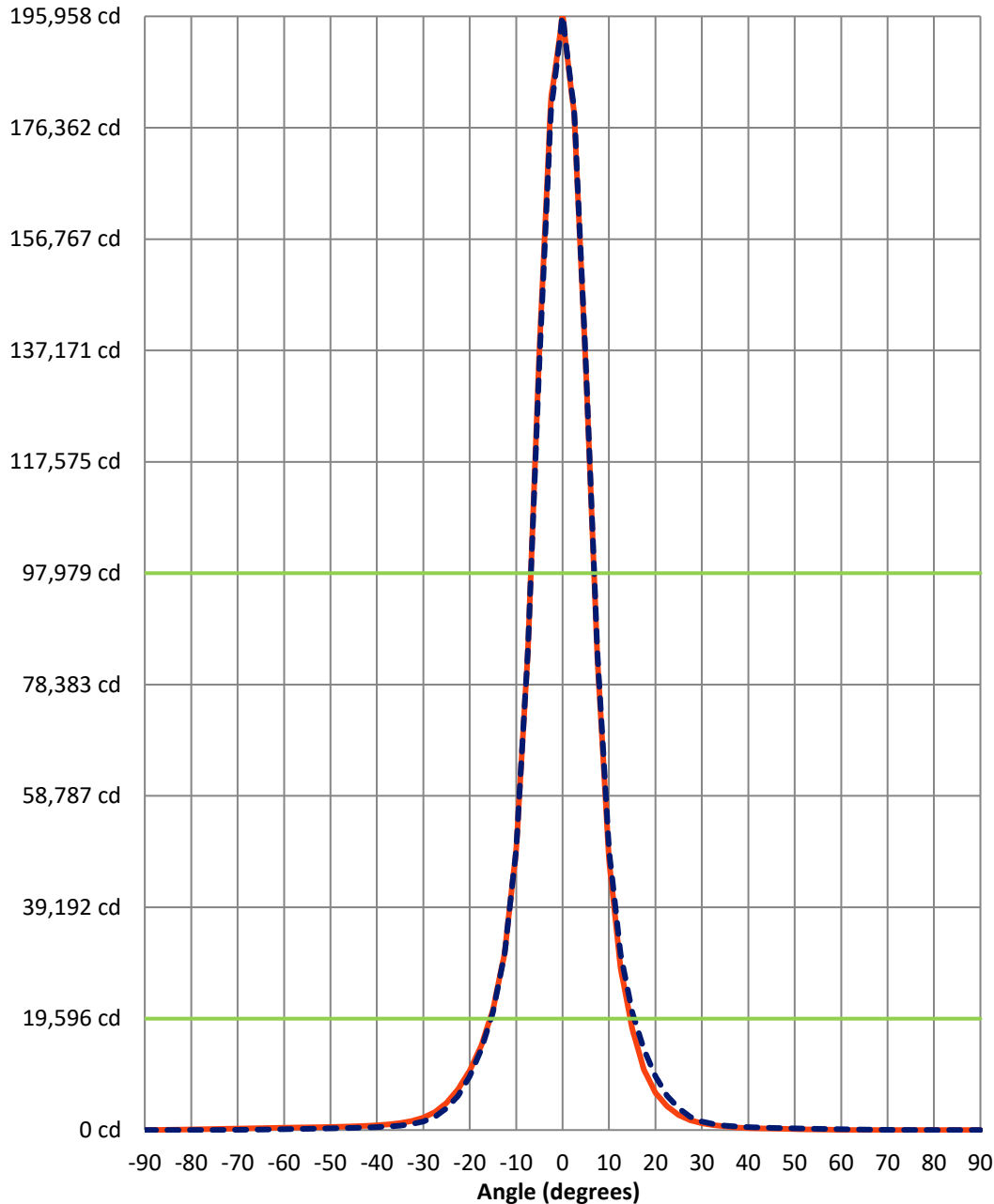
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 6171.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 13746
 Efficiency: 71.1%

Spill:
 Lumens: 5585.6
 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	0.3	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	0.5	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.6	0.1	0.0	0.4	0.6	0.2	0.3	0.9	0.9	0.4
70°	0.0	0.7	0.2	0.1	0.8	0.9	0.5	1.3	1.7	1.5	0.5
67.5°	0.0	0.8	0.2	0.5	1.2	1.3	1.4	2.3	2.6	1.7	0.7
65°	0.0	0.9	0.3	0.9	1.7	1.8	2.4	3.4	2.8	1.8	1.2
62.5°	0.0	1.1	0.4	1.3	2.1	2.3	3.2	3.8	2.9	2.1	2.6
60°	0.0	1.2	0.5	1.7	2.6	2.9	4.0	4.0	3.1	3.0	3.8
57.5°	0.0	1.3	0.9	2.2	2.9	3.3	4.1	4.1	3.5	3.7	4.1
55°	0.0	1.4	1.2	2.6	3.2	3.8	4.1	4.1	3.8	4.1	4.1
52.5°	0.0	1.5	1.5	3.0	3.4	4.1	4.1	4.1	4.0	4.1	4.1
50°	0.0	1.6	1.9	3.5	3.6	4.1	4.1	4.1	4.1	4.1	4.8
47.5°	0.0	1.7	2.1	3.9	3.8	4.1	4.1	4.1	4.1	4.1	5.7
45°	0.0	1.9	2.4	4.0	3.9	4.1	4.1	4.1	4.2	5.1	6.8
42.5°	0.0	2.0	2.6	4.1	4.1	4.1	4.1	4.3	4.5	6.3	9.2
40°	0.0	2.1	2.9	4.1	4.1	4.1	4.1	4.6	5.2	7.6	11.8
37.5°	0.0	2.3	3.1	4.1	4.1	4.1	4.1	5.0	6.7	9.6	14.6
35°	0.0	2.4	3.2	4.1	4.1	4.1	4.1	5.5	8.2	12.2	17.9
32.5°	0.0	2.5	3.4	4.1	4.1	4.1	4.2	6.1	9.9	14.7	22.2
30°	0.0	2.7	3.5	4.1	4.1	4.1	4.7	6.9	11.5	17.2	26.8
27.5°	0.0	2.8	3.7	4.1	4.1	4.1	5.1	8.2	13.4	19.5	31.8
25°	0.0	2.9	3.8	4.1	4.1	4.1	5.6	9.6	15.3	23.0	37.2
22.5°	0.0	3.1	3.9	4.1	4.1	4.2	6.2	10.9	17.2	27.2	43.6
20°	0.0	3.2	3.9	4.1	4.1	4.5	6.7	12.2	19.0	31.4	49.4
17.5°	0.0	3.3	4.0	4.1	4.1	4.9	7.4	13.5	20.7	35.7	54.7
15°	0.0	3.4	4.0	4.1	4.1	5.3	8.3	14.8	22.2	39.9	59.6
12.5°	0.0	3.6	4.1	4.1	4.1	5.8	9.1	16.1	24.3	44.0	63.9
10°	0.0	3.7	4.1	4.1	4.1	6.3	9.8	17.2	27.0	47.8	67.8
7.5°	0.0	3.8	4.1	4.1	4.1	6.8	10.5	18.3	29.7	51.1	71.1
5°	0.0	3.9	4.1	4.1	4.1	7.3	11.2	19.2	32.4	53.9	74.1
2.5°	0.0	4.0	4.1	4.1	4.1	7.8	11.8	20.0	34.9	56.2	76.7
0°	0.0	4.1	4.1	4.1	4.1	8.3	12.4	20.7	37.3	58.1	78.8
-2.5°	0.0	4.1	4.1	4.1	4.5	8.7	13.5	22.0	39.4	59.6	81.5
-5°	0.0	4.1	4.1	4.1	4.8	9.1	14.5	23.1	41.3	60.8	83.7
-7.5°	0.0	4.1	4.1	4.1	5.2	9.5	15.4	24.1	42.8	61.8	85.3
-10°	0.0	4.0	4.1	4.1	5.5	9.8	16.2	25.0	43.9	62.4	86.4
-12.5°	0.0	4.0	4.1	4.1	5.8	10.1	16.9	25.8	44.5	63.0	88.0
-15°	0.0	4.0	4.1	4.1	6.0	10.3	17.4	26.4	44.7	64.3	89.5
-17.5°	0.0	3.9	4.1	4.1	6.2	10.5	17.8	27.0	44.4	64.9	90.2
-20°	0.0	3.9	4.1	4.1	6.3	10.6	18.0	27.6	43.7	64.9	90.0

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Scaled Data Report



REPORT NUMBER: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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	3.8	4.1	4.1	6.3	10.7	18.2	27.9	42.7	64.2	89.0
-25°	0.0	3.7	4.1	4.1	6.3	11.0	18.4	28.1	41.4	62.7	87.0
-27.5°	0.0	3.6	4.1	4.1	6.2	11.3	18.4	28.0	39.8	60.6	85.1
-30°	0.0	3.6	4.1	4.1	6.1	11.4	18.3	27.7	38.9	58.3	82.3
-32.5°	0.0	3.5	4.1	4.1	6.1	11.5	18.1	27.3	38.4	55.7	78.4
-35°	0.0	3.4	4.1	4.1	6.0	11.5	18.0	27.0	37.6	52.8	73.4
-37.5°	0.0	3.3	4.1	4.1	5.8	11.4	17.9	26.5	36.5	49.5	70.6
-40°	0.0	3.1	4.1	4.1	5.6	11.2	17.7	25.8	35.1	47.4	68.0
-42.5°	0.0	3.0	4.1	4.1	5.5	10.8	17.3	25.1	34.0	46.4	64.8
-45°	0.0	2.9	4.1	4.2	5.7	10.4	16.8	24.3	33.0	45.0	61.2
-47.5°	0.0	2.8	4.1	4.3	5.8	9.8	16.1	23.5	31.9	43.0	58.9
-50°	0.0	2.6	4.1	4.4	5.9	9.2	15.3	22.5	30.7	41.4	55.8
-52.5°	0.0	2.5	4.1	4.4	5.9	8.4	14.3	21.2	29.1	39.1	52.2
-55°	0.0	2.4	4.1	4.4	5.8	8.2	13.2	19.8	27.4	36.1	48.4
-57.5°	0.0	2.2	4.1	4.4	5.8	8.0	12.0	18.2	25.4	33.5	43.8
-60°	0.0	2.0	4.1	4.4	5.6	7.7	10.7	16.5	23.2	30.8	39.3
-62.5°	0.0	1.9	3.8	4.4	5.5	7.4	10.2	14.6	20.8	27.9	35.7
-65°	0.0	1.7	3.5	4.3	5.3	7.0	9.5	12.8	18.2	24.7	31.9
-67.5°	0.0	1.6	3.1	4.2	5.0	6.6	8.8	11.8	15.5	21.3	27.8
-70°	0.0	1.4	2.8	4.1	4.8	6.1	8.1	10.6	13.8	17.7	23.5
-72.5°	0.0	1.2	2.5	3.7	4.5	5.5	7.2	9.4	12.1	15.4	19.2
-75°	0.0	1.1	2.1	3.2	4.2	4.9	6.2	8.2	10.3	13.0	16.2
-77.5°	0.0	0.9	1.8	2.7	3.5	4.3	5.3	7.0	8.9	10.8	13.0
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.9	7.6	9.3	11.0
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	4.6	6.2	7.8	9.3
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	3.1	4.2	5.5	7.0
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.5	2.1	2.8	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.2	1.4	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.0	2.7	2.0	1.1	0.1	1.0	1.4	1.1	0.1	0.0	0.0
62.5°	3.8	3.2	2.3	1.7	2.3	3.1	2.4	1.4	0.4	2.0	2.9
60°	4.1	3.5	2.9	3.2	4.2	3.7	2.7	4.0	6.1	7.7	9.3
57.5°	4.1	3.8	3.7	4.4	4.7	4.7	7.3	9.7	13.8	17.1	19.4
55°	4.2	4.1	4.7	5.6	6.9	9.9	13.5	19.1	23.5	30.4	36.2
52.5°	4.7	4.6	6.3	8.5	12.5	17.1	23.5	31.4	40.3	47.0	54.0
50°	5.3	6.9	8.9	14.2	19.7	26.9	37.5	49.0	56.5	64.0	74.1
47.5°	7.4	9.4	14.6	20.8	28.8	40.3	54.9	63.1	70.5	82.3	94.8
45°	10.0	14.1	20.5	29.1	40.2	56.3	67.7	74.5	87.2	100.9	115.2
42.5°	12.7	19.5	28.2	37.2	54.7	70.0	80.4	91.0	103.9	119.9	135.4
40°	17.2	24.7	36.6	50.8	68.6	83.5	96.5	108.7	121.5	142.3	158.9
37.5°	21.8	32.8	46.2	63.9	82.3	98.6	113.1	128.5	146.7	170.1	185.0
35°	26.3	41.1	57.5	76.3	95.9	114.3	131.7	149.8	173.3	195.5	213.3
32.5°	32.6	49.7	68.1	88.4	108.6	129.4	150.6	172.2	195.3	218.0	241.4
30°	40.4	58.8	78.2	100.0	120.3	144.4	168.9	191.7	215.0	239.0	265.4
27.5°	48.4	67.3	88.2	110.3	131.5	159.1	185.5	209.3	233.2	259.1	289.0
25°	55.7	75.8	97.7	119.4	144.5	174.0	202.9	230.5	250.8	280.1	315.2
22.5°	62.8	84.2	107.7	127.7	157.0	189.0	222.7	252.4	276.3	302.5	342.4
20°	69.7	92.8	117.1	139.5	169.5	203.9	243.9	274.5	304.2	338.0	378.7
17.5°	76.4	100.9	126.4	152.9	184.6	220.2	265.7	296.8	332.3	372.8	424.0
15°	82.7	108.3	135.7	165.5	198.1	236.6	280.4	319.2	361.7	408.5	469.0
12.5°	88.5	115.1	144.8	177.1	210.1	250.6	292.8	334.1	383.0	444.1	520.3
10°	93.9	121.3	153.7	187.7	220.6	262.5	303.6	346.7	398.2	465.3	552.6
7.5°	98.4	127.5	162.1	197.4	229.5	272.3	313.1	357.0	411.0	482.9	574.3
5°	102.2	134.0	169.9	203.6	237.0	280.7	320.9	365.3	421.2	496.7	589.8
2.5°	105.3	140.0	176.7	208.1	243.5	288.4	327.2	374.4	431.5	507.4	604.4
0°	107.8	145.2	182.5	211.5	248.9	294.5	331.8	381.6	439.7	514.3	618.0
-2.5°	112.9	149.5	185.9	215.4	254.6	295.5	334.8	382.6	442.8	519.7	620.5
-5°	117.1	153.0	188.5	218.5	258.9	295.4	336.1	381.7	443.8	522.8	625.0
-7.5°	120.4	155.7	190.1	220.8	261.2	296.7	338.0	384.7	447.1	525.6	630.9
-10°	122.5	157.6	191.5	223.8	261.7	298.1	338.7	385.4	446.5	523.8	627.7
-12.5°	123.6	158.7	192.2	225.4	261.6	298.0	337.7	383.6	441.9	517.2	614.9
-15°	123.9	159.2	192.1	225.5	261.0	296.2	335.1	379.3	433.7	506.1	594.8
-17.5°	123.5	158.9	191.3	224.2	260.0	292.8	331.0	373.4	425.4	493.1	578.4
-20°	122.5	158.0	189.9	221.2	258.6	289.6	326.8	367.8	416.7	478.1	554.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	120.7	156.6	187.8	218.2	254.0	286.7	321.4	360.5	404.3	459.8	527.6
-25°	118.7	153.6	185.2	215.8	248.8	282.2	314.6	351.8	392.0	445.4	506.4
-27.5°	116.0	150.0	181.6	212.6	243.3	276.1	307.8	342.9	382.8	429.8	484.4
-30°	112.2	145.0	176.5	208.1	238.4	269.3	299.9	333.3	370.9	415.3	465.6
-32.5°	107.4	139.4	170.2	201.5	233.0	262.5	291.2	323.3	358.7	397.5	445.5
-35°	102.5	133.3	163.4	193.2	226.4	254.8	282.5	311.9	344.8	381.0	420.0
-37.5°	97.9	126.7	156.1	184.2	215.6	245.3	272.2	300.2	330.6	363.8	399.2
-40°	92.9	119.8	148.5	175.8	203.4	233.7	260.6	287.6	315.6	348.9	380.4
-42.5°	87.8	113.9	140.4	167.3	193.6	220.6	247.5	273.4	303.0	334.5	365.4
-45°	83.5	107.8	132.4	158.5	184.4	208.8	234.0	258.3	288.3	319.8	350.0
-47.5°	78.5	101.5	125.3	149.0	174.4	198.8	221.4	246.0	271.6	301.2	333.0
-50°	73.3	95.0	117.0	139.3	163.4	187.8	210.8	233.5	257.6	282.0	309.4
-52.5°	68.8	87.8	108.2	128.7	151.5	175.4	198.6	221.2	243.4	266.4	289.7
-55°	63.6	81.0	99.0	118.1	138.1	161.0	184.0	206.1	228.8	250.3	273.1
-57.5°	57.8	73.4	89.8	107.7	125.9	144.7	167.0	189.0	210.3	232.0	255.6
-60°	51.1	65.2	80.0	96.5	114.3	131.4	149.5	169.9	190.5	211.1	232.9
-62.5°	44.3	56.5	69.9	84.3	100.6	117.5	134.0	151.4	169.9	187.7	206.6
-65°	39.8	48.3	59.6	72.5	85.8	100.9	116.5	132.6	148.8	164.0	178.6
-67.5°	35.0	42.7	51.0	60.4	72.6	85.3	97.8	112.1	126.7	140.7	154.3
-70°	29.8	36.7	44.0	51.9	60.5	71.0	82.7	94.1	105.3	117.0	129.7
-72.5°	24.4	30.3	36.8	43.6	51.0	59.2	68.2	78.1	88.0	97.7	107.5
-75°	20.0	23.9	29.2	35.0	41.3	47.8	54.4	62.1	70.6	79.0	87.3
-77.5°	16.5	20.1	23.7	27.2	31.8	37.7	43.6	49.3	55.2	61.6	68.4
-80°	13.4	16.2	19.5	22.7	25.9	29.4	33.5	38.0	42.2	46.5	51.1
-82.5°	11.2	13.3	15.6	18.2	20.0	21.9	24.1	26.7	29.5	32.3	35.3
-85°	8.6	10.3	11.9	13.6	14.4	15.3	16.4	17.5	19.3	21.1	22.8
-87.5°	4.3	5.2	6.1	7.1	7.5	8.0	8.4	8.8	9.9	11.1	12.3
-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: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.8	1.0	0.9	0.4	0.0	0.0
62.5°	2.4	2.0	3.2	4.3	4.7	4.5	4.2	3.7	3.2	2.9	3.4
60°	9.9	9.8	13.6	15.5	14.1	9.9	15.6	18.4	17.7	15.1	15.1
57.5°	24.3	29.6	33.4	35.0	40.5	49.4	51.1	48.1	47.1	48.1	55.5
55°	42.2	46.4	48.6	56.2	62.8	67.6	70.5	73.4	77.6	82.8	88.2
52.5°	59.7	65.5	69.9	76.7	84.7	87.4	86.7	96.9	105.0	110.1	112.2
50°	81.9	89.2	99.5	110.0	114.6	119.1	123.8	132.2	144.5	159.8	168.5
47.5°	105.9	117.3	128.2	140.2	146.3	151.1	158.1	172.8	190.2	206.7	215.3
45°	127.5	137.7	150.1	160.5	168.1	177.2	187.4	200.7	220.2	237.4	249.3
42.5°	144.9	156.4	169.1	181.7	189.3	201.7	217.2	235.3	255.7	273.6	286.8
40°	169.3	178.9	199.2	211.2	214.2	225.7	256.8	281.4	304.6	326.6	337.6
37.5°	198.7	217.6	238.6	249.5	260.1	280.5	322.1	361.9	391.4	421.2	437.5
35°	232.1	256.9	285.6	298.4	321.4	365.8	414.5	470.0	539.0	567.8	594.1
32.5°	264.5	292.3	318.8	347.6	387.7	440.7	495.7	585.6	669.5	734.4	781.9
30°	293.3	322.8	355.7	392.7	449.2	522.3	614.1	730.4	848.7	951.9	1039.1
27.5°	321.8	355.3	394.4	449.7	529.1	628.5	775.0	940.9	1138.3	1283.7	1457.3
25°	353.0	391.3	441.5	521.6	628.9	777.4	1011.7	1280.9	1604.6	1867.0	2141.7
22.5°	389.9	446.5	510.1	599.5	786.8	1031.5	1351.5	1811.8	2309.7	2770.0	3213.4
20°	434.5	511.9	614.0	778.5	1019.0	1380.8	1936.8	2671.3	3403.6	4183.4	4934.2
17.5°	498.1	609.7	768.3	1002.5	1319.5	2035.1	2937.3	4073.4	5532.9	6855.5	8010.3
15°	557.8	691.2	941.6	1291.6	1844.5	2793.0	4163.3	6038.4	8313.0	10386.0	12575.5
12.5°	620.5	778.0	1065.6	1511.3	2279.4	3514.2	5440.0	8009.2	10857.4	13981.7	17540.5
10°	670.1	861.3	1205.7	1770.8	2717.7	4255.4	6549.2	9665.1	13450.0	18073.7	23762.6
7.5°	703.6	928.2	1321.5	1960.8	3121.2	5013.3	7774.6	11519.8	16251.6	22377.1	30337.3
5°	729.8	979.2	1408.5	2134.0	3462.5	5591.9	8682.5	13144.0	18741.4	26948.6	40438.9
2.5°	750.8	1018.2	1462.3	2253.3	3676.7	5994.8	9291.7	14062.9	20223.6	30328.4	47830.2
0°	767.3	1053.5	1497.4	2326.9	3840.9	6035.0	9481.8	14231.1	20755.5	30938.4	49420.9
-2.5°	774.3	1072.5	1509.4	2343.0	3824.4	6104.2	9539.8	14365.4	20735.5	30604.1	47644.3
-5°	786.0	1072.2	1500.3	2326.6	3738.7	5925.4	9161.0	13613.8	19484.6	27972.0	41932.7
-7.5°	794.4	1055.1	1456.9	2221.2	3514.3	5538.8	8495.3	12368.4	17207.8	23652.1	32298.4
-10°	786.7	1022.3	1384.5	2044.3	3165.3	4918.6	7483.0	10724.4	14746.4	19522.1	25396.7
-12.5°	757.1	961.6	1266.3	1796.6	2713.4	4223.9	6464.5	9224.3	12201.2	15555.3	19614.6
-15°	719.6	896.3	1159.8	1626.7	2378.3	3535.4	5171.2	7410.0	9798.0	12344.6	15060.2
-17.5°	690.5	838.9	1057.2	1395.2	1948.0	2868.0	4153.5	5743.9	7498.8	9437.6	11046.8
-20°	651.1	768.3	951.5	1227.5	1649.4	2258.9	3195.1	4350.6	5508.6	6871.8	7983.4



REPORT NUMBER: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	611.5	713.7	853.1	1055.1	1368.9	1829.5	2407.9	3179.4	4026.2	4808.7	5578.9
-25°	574.8	653.5	766.3	932.0	1144.9	1459.2	1870.9	2313.5	2871.7	3348.0	3876.5
-27.5°	545.2	612.7	695.9	817.4	982.6	1184.8	1479.6	1776.1	2069.7	2310.1	2674.0
-30°	516.5	570.9	640.5	727.1	850.9	1006.7	1198.1	1390.5	1559.9	1714.4	1903.9
-32.5°	488.4	532.6	586.0	657.8	746.7	863.8	981.4	1119.3	1237.1	1345.7	1446.3
-35°	460.1	499.5	540.2	600.8	671.6	754.8	840.3	933.8	1015.3	1088.5	1153.2
-37.5°	434.6	469.2	507.5	552.6	609.7	672.3	742.1	810.0	863.8	911.4	950.6
-40°	413.1	444.6	477.3	513.5	556.9	606.4	665.6	722.2	759.9	788.9	812.8
-42.5°	393.9	421.6	449.5	480.2	513.5	556.3	603.1	649.8	675.4	697.8	715.1
-45°	378.5	399.8	423.2	449.4	479.0	514.8	551.6	583.9	606.6	625.9	640.3
-47.5°	358.1	378.6	398.9	420.6	448.1	478.0	508.4	533.2	553.1	569.9	580.9
-50°	335.7	357.2	375.8	394.8	420.2	445.5	470.0	490.5	509.5	525.9	534.6
-52.5°	312.4	335.6	355.1	373.7	394.9	417.0	439.1	456.7	473.2	488.8	495.3
-55°	295.7	317.0	337.2	354.7	372.2	389.8	407.9	426.1	442.5	457.3	461.7
-57.5°	277.7	299.4	319.3	335.0	350.8	366.7	383.2	399.7	415.5	429.7	433.3
-60°	255.6	279.2	296.8	311.6	327.0	342.8	357.2	371.8	386.5	398.9	402.8
-62.5°	227.6	249.0	266.5	282.1	296.9	310.6	324.6	338.3	351.6	361.3	364.5
-65°	193.9	212.2	230.2	246.5	261.2	274.4	287.3	299.8	311.8	320.4	324.7
-67.5°	167.5	180.6	195.1	209.1	223.9	237.5	249.1	260.1	270.4	277.6	282.2
-70°	141.9	154.4	168.0	181.4	194.2	205.2	214.5	223.6	232.3	238.8	243.6
-72.5°	117.5	128.1	139.4	151.2	162.9	172.9	181.4	189.5	197.1	202.6	207.1
-75°	95.4	104.1	113.7	123.2	132.7	140.6	147.8	154.7	161.5	166.4	170.5
-77.5°	75.7	83.1	90.6	98.1	105.5	111.3	116.5	121.6	126.6	130.4	133.9
-80°	56.1	61.9	67.9	73.8	79.8	84.2	88.1	91.8	95.3	97.6	99.6
-82.5°	38.3	42.4	46.5	50.7	55.0	58.2	61.3	64.4	67.4	68.5	69.3
-85°	24.5	26.5	28.6	30.9	33.4	35.2	36.9	38.5	40.1	41.5	42.8
-87.5°	13.6	14.0	14.4	14.7	15.0	16.3	17.5	18.8	20.0	20.2	20.4
-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: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.4	0.9
62.5°	3.7	3.9	4.1	4.1	4.1	3.9	3.7	3.4	2.9	3.2	3.7
60°	14.1	12.6	12.3	12.4	12.3	12.6	14.1	15.1	15.1	17.7	18.4
57.5°	63.1	70.2	72.1	70.5	72.1	70.2	63.1	55.5	48.1	47.1	48.1
55°	91.9	94.1	95.1	95.4	95.1	94.1	91.9	88.2	82.8	77.6	73.4
52.5°	112.6	111.9	111.7	112.0	111.7	111.9	112.6	112.2	110.1	105.0	96.9
50°	169.2	166.1	164.9	165.9	164.9	166.1	169.2	168.5	159.8	144.5	132.2
47.5°	216.3	217.3	218.7	219.8	218.7	217.3	216.3	215.3	206.7	190.2	172.8
45°	252.6	254.9	256.4	257.2	256.4	254.9	252.6	249.3	237.4	220.2	200.7
42.5°	289.7	289.9	289.5	290.3	289.5	289.9	289.7	286.8	273.6	255.7	235.3
40°	342.0	343.2	342.0	340.1	342.0	343.2	342.0	337.6	326.6	304.6	281.4
37.5°	447.0	448.5	443.6	439.7	443.6	448.5	447.0	437.5	421.2	391.4	361.9
35°	618.2	635.9	644.3	647.1	644.3	635.9	618.2	594.1	567.8	539.0	470.0
32.5°	814.7	839.4	851.8	862.7	851.8	839.4	814.7	781.9	734.4	669.5	585.6
30°	1096.4	1141.9	1161.9	1190.4	1161.9	1141.9	1096.4	1039.1	951.9	848.7	730.4
27.5°	1555.9	1635.9	1680.2	1721.3	1680.2	1635.9	1555.9	1457.3	1283.7	1138.3	940.9
25°	2341.3	2495.4	2595.0	2642.1	2595.0	2495.4	2341.3	2141.7	1867.0	1604.6	1280.9
22.5°	3642.3	3926.3	4145.3	4189.3	4145.3	3926.3	3642.3	3213.4	2770.0	2309.7	1811.8
20°	5662.5	6068.9	6399.5	6566.0	6399.5	6068.9	5662.5	4934.2	4183.4	3403.6	2671.3
17.5°	9385.8	10231.1	10617.2	10680.6	10617.2	10231.1	9385.8	8010.3	6855.5	5532.9	4073.4
15°	14924.9	16355.3	17263.3	17847.9	17263.3	16355.3	14924.9	12575.5	10386.0	8313.0	6038.4
12.5°	21244.9	25309.2	27621.9	28503.6	27621.9	25309.2	21244.9	17540.5	13981.7	10857.4	8009.2
10°	29822.5	39390.5	44909.8	47687.1	44909.8	39390.5	29822.5	23762.6	18073.7	13450.0	9665.1
7.5°	44380.8	59158.8	75532.2	83107.2	75532.2	59158.8	44380.8	30337.3	22377.1	16251.6	11519.8
5°	59685.1	92131.4	120610.0	134247.4	120610.0	92131.4	59685.1	40438.9	26948.6	18741.4	13144.0
2.5°	77274.9	121032.0	161488.9	178500.1	161488.9	121032.0	77274.9	47830.2	30328.4	20223.6	14062.9
0°	84044.6	135014.7	179261.2	195958.2	179261.2	135014.7	84044.6	49420.9	30938.4	20755.5	14231.1
-2.5°	78321.4	123151.8	162184.0	181262.5	162184.0	123151.8	78321.4	47644.3	30604.1	20735.5	14365.4
-5°	62230.5	92639.2	121546.4	137092.7	121546.4	92639.2	62230.5	41932.7	27972.0	19484.6	13613.8
-7.5°	45673.3	62227.5	78281.4	83895.3	78281.4	62227.5	45673.3	32298.4	23652.1	17207.8	12368.4
-10°	31798.7	41278.2	47535.7	49321.4	47535.7	41278.2	31798.7	25396.7	19522.1	14746.4	10724.4
-12.5°	23575.5	27721.8	30606.8	31108.4	30606.8	27721.8	23575.5	19614.6	15555.3	12201.2	9224.3
-15°	17457.1	19565.6	21053.6	21153.7	21053.6	19565.6	17457.1	15060.2	12344.6	9798.0	7410.0
-17.5°	12761.2	14176.6	14927.4	14874.0	14927.4	14176.6	12761.2	11046.8	9437.6	7498.8	5743.9
-20°	9125.0	9978.1	10583.1	10464.9	10583.1	9978.1	9125.0	7983.4	6871.8	5508.6	4350.6



REPORT NUMBER: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	6362.6	6929.0	7283.5	7192.3	7283.5	6929.0	6362.6	5578.9	4808.7	4026.2	3179.4
-25°	4323.3	4631.9	4807.5	4778.3	4807.5	4631.9	4323.3	3876.5	3348.0	2871.7	2313.5
-27.5°	2946.0	3109.0	3163.4	3160.6	3163.4	3109.0	2946.0	2674.0	2310.1	2069.7	1776.1
-30°	2044.8	2154.3	2217.0	2177.6	2217.0	2154.3	2044.8	1903.9	1714.4	1559.9	1390.5
-32.5°	1524.0	1585.8	1621.6	1584.5	1621.6	1585.8	1524.0	1446.3	1345.7	1237.1	1119.3
-35°	1201.1	1232.3	1244.9	1223.6	1244.9	1232.3	1201.1	1153.2	1088.5	1015.3	933.8
-37.5°	979.2	997.6	1003.8	991.3	1003.8	997.6	979.2	950.6	911.4	863.8	810.0
-40°	829.7	841.0	843.7	833.7	843.7	841.0	829.7	812.8	788.9	759.9	722.2
-42.5°	726.0	732.7	734.3	730.0	734.3	732.7	726.0	715.1	697.8	675.4	649.8
-45°	648.8	654.6	655.6	651.2	655.6	654.6	648.8	640.3	625.9	606.6	583.9
-47.5°	586.3	589.9	590.8	589.0	590.8	589.9	586.3	580.9	569.9	553.1	533.2
-50°	538.5	541.0	541.2	539.2	541.2	541.0	538.5	534.6	525.9	509.5	490.5
-52.5°	498.5	500.2	501.3	501.9	501.3	500.2	498.5	495.3	488.8	473.2	456.7
-55°	464.7	466.9	468.3	468.7	468.3	466.9	464.7	461.7	457.3	442.5	426.1
-57.5°	436.1	438.1	439.3	439.7	439.3	438.1	436.1	433.3	429.7	415.5	399.7
-60°	406.1	408.5	410.1	410.6	410.1	408.5	406.1	402.8	398.9	386.5	371.8
-62.5°	366.7	367.8	368.8	369.2	368.8	367.8	366.7	364.5	361.3	351.6	338.3
-65°	327.9	330.1	331.4	331.8	331.4	330.1	327.9	324.7	320.4	311.8	299.8
-67.5°	285.9	288.8	291.9	294.5	291.9	288.8	285.9	282.2	277.6	270.4	260.1
-70°	247.9	251.6	252.7	253.0	252.7	251.6	247.9	243.6	238.8	232.3	223.6
-72.5°	211.0	214.5	217.4	219.8	217.4	214.5	211.0	207.1	202.6	197.1	189.5
-75°	174.1	177.4	178.2	178.4	178.2	177.4	174.1	170.5	166.4	161.5	154.7
-77.5°	137.2	140.2	140.8	141.0	140.8	140.2	137.2	133.9	130.4	126.6	121.6
-80°	101.5	103.2	105.6	107.8	105.6	103.2	101.5	99.6	97.6	95.3	91.8
-82.5°	69.8	70.2	70.4	70.5	70.4	70.2	69.8	69.3	68.5	67.4	64.4
-85°	44.2	45.4	45.6	45.6	45.6	45.4	44.2	42.8	41.5	40.1	38.5
-87.5°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.4	20.2	20.0	18.8
-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: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.3
65°	1.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.1
62.5°	4.2	4.5	4.7	4.3	3.2	2.0	2.4	2.9	2.0	0.4	1.4
60°	15.6	9.9	14.1	15.5	13.6	9.8	9.9	9.3	7.7	6.1	4.0
57.5°	51.1	49.4	40.5	35.0	33.4	29.6	24.3	19.4	17.1	13.8	9.7
55°	70.5	67.6	62.8	56.2	48.6	46.4	42.2	36.2	30.4	23.5	19.1
52.5°	86.7	87.4	84.7	76.7	69.9	65.5	59.7	54.0	47.0	40.3	31.4
50°	123.8	119.1	114.6	110.0	99.5	89.2	81.9	74.1	64.0	56.5	49.0
47.5°	158.1	151.1	146.3	140.2	128.2	117.3	105.9	94.8	82.3	70.5	63.1
45°	187.4	177.2	168.1	160.5	150.1	137.7	127.5	115.2	100.9	87.2	74.5
42.5°	217.2	201.7	189.3	181.7	169.1	156.4	144.9	135.4	119.9	103.9	91.0
40°	256.8	225.7	214.2	211.2	199.2	178.9	169.3	158.9	142.3	121.5	108.7
37.5°	322.1	280.5	260.1	249.5	238.6	217.6	198.7	185.0	170.1	146.7	128.5
35°	414.5	365.8	321.4	298.4	285.6	256.9	232.1	213.3	195.5	173.3	149.8
32.5°	495.7	440.7	387.7	347.6	318.8	292.3	264.5	241.4	218.0	195.3	172.2
30°	614.1	522.3	449.2	392.7	355.7	322.8	293.3	265.4	239.0	215.0	191.7
27.5°	775.0	628.5	529.1	449.7	394.4	355.3	321.8	289.0	259.1	233.2	209.3
25°	1011.7	777.4	628.9	521.6	441.5	391.3	353.0	315.2	280.1	250.8	230.5
22.5°	1351.5	1031.5	786.8	599.5	510.1	446.5	389.9	342.4	302.5	276.3	252.4
20°	1936.8	1380.8	1019.0	778.5	614.0	511.9	434.5	378.7	338.0	304.2	274.5
17.5°	2937.3	2035.1	1319.5	1002.5	768.3	609.7	498.1	424.0	372.8	332.3	296.8
15°	4163.3	2793.0	1844.5	1291.6	941.6	691.2	557.8	469.0	408.5	361.7	319.2
12.5°	5440.0	3514.2	2279.4	1511.3	1065.6	778.0	620.5	520.3	444.1	383.0	334.1
10°	6549.2	4255.4	2717.7	1770.8	1205.7	861.3	670.1	552.6	465.3	398.2	346.7
7.5°	7774.6	5013.3	3121.2	1960.8	1321.5	928.2	703.6	574.3	482.9	411.0	357.0
5°	8682.5	5591.9	3462.5	2134.0	1408.5	979.2	729.8	589.8	496.7	421.2	365.3
2.5°	9291.7	5994.8	3676.7	2253.3	1462.3	1018.2	750.8	604.4	507.4	431.5	374.4
0°	9481.8	6035.0	3840.9	2326.9	1497.4	1053.5	767.3	618.0	514.3	439.7	381.6
-2.5°	9539.8	6104.2	3824.4	2343.0	1509.4	1072.5	774.3	620.5	519.7	442.8	382.6
-5°	9161.0	5925.4	3738.7	2326.6	1500.3	1072.2	786.0	625.0	522.8	443.8	381.7
-7.5°	8495.3	5538.8	3514.3	2221.2	1456.9	1055.1	794.4	630.9	525.6	447.1	384.7
-10°	7483.0	4918.6	3165.3	2044.3	1384.5	1022.3	786.7	627.7	523.8	446.5	385.4
-12.5°	6464.5	4223.9	2713.4	1796.6	1266.3	961.6	757.1	614.9	517.2	441.9	383.6
-15°	5171.2	3535.4	2378.3	1626.7	1159.8	896.3	719.6	594.8	506.1	433.7	379.3
-17.5°	4153.5	2868.0	1948.0	1395.2	1057.2	838.9	690.5	578.4	493.1	425.4	373.4
-20°	3195.1	2258.9	1649.4	1227.5	951.5	768.3	651.1	554.4	478.1	416.7	367.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-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°	2407.9	1829.5	1368.9	1055.1	853.1	713.7	611.5	527.6	459.8	404.3	360.5
-25°	1870.9	1459.2	1144.9	932.0	766.3	653.5	574.8	506.4	445.4	392.0	351.8
-27.5°	1479.6	1184.8	982.6	817.4	695.9	612.7	545.2	484.4	429.8	382.8	342.9
-30°	1198.1	1006.7	850.9	727.1	640.5	570.9	516.5	465.6	415.3	370.9	333.3
-32.5°	981.4	863.8	746.7	657.8	586.0	532.6	488.4	445.5	397.5	358.7	323.3
-35°	840.3	754.8	671.6	600.8	540.2	499.5	460.1	420.0	381.0	344.8	311.9
-37.5°	742.1	672.3	609.7	552.6	507.5	469.2	434.6	399.2	363.8	330.6	300.2
-40°	665.6	606.4	556.9	513.5	477.3	444.6	413.1	380.4	348.9	315.6	287.6
-42.5°	603.1	556.3	513.5	480.2	449.5	421.6	393.9	365.4	334.5	303.0	273.4
-45°	551.6	514.8	479.0	449.4	423.2	399.8	378.5	350.0	319.8	288.3	258.3
-47.5°	508.4	478.0	448.1	420.6	398.9	378.6	358.1	333.0	301.2	271.6	246.0
-50°	470.0	445.5	420.2	394.8	375.8	357.2	335.7	309.4	282.0	257.6	233.5
-52.5°	439.1	417.0	394.9	373.7	355.1	335.6	312.4	289.7	266.4	243.4	221.2
-55°	407.9	389.8	372.2	354.7	337.2	317.0	295.7	273.1	250.3	228.8	206.1
-57.5°	383.2	366.7	350.8	335.0	319.3	299.4	277.7	255.6	232.0	210.3	189.0
-60°	357.2	342.8	327.0	311.6	296.8	279.2	255.6	232.9	211.1	190.5	169.9
-62.5°	324.6	310.6	296.9	282.1	266.5	249.0	227.6	206.6	187.7	169.9	151.4
-65°	287.3	274.4	261.2	246.5	230.2	212.2	193.9	178.6	164.0	148.8	132.6
-67.5°	249.1	237.5	223.9	209.1	195.1	180.6	167.5	154.3	140.7	126.7	112.1
-70°	214.5	205.2	194.2	181.4	168.0	154.4	141.9	129.7	117.0	105.3	94.1
-72.5°	181.4	172.9	162.9	151.2	139.4	128.1	117.5	107.5	97.7	88.0	78.1
-75°	147.8	140.6	132.7	123.2	113.7	104.1	95.4	87.3	79.0	70.6	62.1
-77.5°	116.5	111.3	105.5	98.1	90.6	83.1	75.7	68.4	61.6	55.2	49.3
-80°	88.1	84.2	79.8	73.8	67.9	61.9	56.1	51.1	46.5	42.2	38.0
-82.5°	61.3	58.2	55.0	50.7	46.5	42.4	38.3	35.3	32.3	29.5	26.7
-85°	36.9	35.2	33.4	30.9	28.6	26.5	24.5	22.8	21.1	19.3	17.5
-87.5°	17.5	16.3	15.0	14.7	14.4	14.0	13.6	12.3	11.1	9.9	8.8
-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: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°
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	0.4	0.9	0.9	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.5	1.5	1.7	1.3
67.5°	0.0	0.0	0.0	0.9	1.4	1.2	0.3	0.7	1.7	2.6	2.3
65°	1.4	1.0	0.1	1.1	2.0	2.7	2.0	1.2	1.8	2.8	3.4
62.5°	2.4	3.1	2.3	1.7	2.3	3.2	3.8	2.6	2.1	2.9	3.8
60°	2.7	3.7	4.2	3.2	2.9	3.5	4.1	3.8	3.0	3.1	4.0
57.5°	7.3	4.7	4.7	4.4	3.7	3.8	4.1	4.1	3.7	3.5	4.1
55°	13.5	9.9	6.9	5.6	4.7	4.1	4.2	4.1	4.1	3.8	4.1
52.5°	23.5	17.1	12.5	8.5	6.3	4.6	4.7	4.1	4.1	4.0	4.1
50°	37.5	26.9	19.7	14.2	8.9	6.9	5.3	4.8	4.1	4.1	4.1
47.5°	54.9	40.3	28.8	20.8	14.6	9.4	7.4	5.7	4.1	4.1	4.1
45°	67.7	56.3	40.2	29.1	20.5	14.1	10.0	6.8	5.1	4.2	4.1
42.5°	80.4	70.0	54.7	37.2	28.2	19.5	12.7	9.2	6.3	4.5	4.3
40°	96.5	83.5	68.6	50.8	36.6	24.7	17.2	11.8	7.6	5.2	4.6
37.5°	113.1	98.6	82.3	63.9	46.2	32.8	21.8	14.6	9.6	6.7	5.0
35°	131.7	114.3	95.9	76.3	57.5	41.1	26.3	17.9	12.2	8.2	5.5
32.5°	150.6	129.4	108.6	88.4	68.1	49.7	32.6	22.2	14.7	9.9	6.1
30°	168.9	144.4	120.3	100.0	78.2	58.8	40.4	26.8	17.2	11.5	6.9
27.5°	185.5	159.1	131.5	110.3	88.2	67.3	48.4	31.8	19.5	13.4	8.2
25°	202.9	174.0	144.5	119.4	97.7	75.8	55.7	37.2	23.0	15.3	9.6
22.5°	222.7	189.0	157.0	127.7	107.7	84.2	62.8	43.6	27.2	17.2	10.9
20°	243.9	203.9	169.5	139.5	117.1	92.8	69.7	49.4	31.4	19.0	12.2
17.5°	265.7	220.2	184.6	152.9	126.4	100.9	76.4	54.7	35.7	20.7	13.5
15°	280.4	236.6	198.1	165.5	135.7	108.3	82.7	59.6	39.9	22.2	14.8
12.5°	292.8	250.6	210.1	177.1	144.8	115.1	88.5	63.9	44.0	24.3	16.1
10°	303.6	262.5	220.6	187.7	153.7	121.3	93.9	67.8	47.8	27.0	17.2
7.5°	313.1	272.3	229.5	197.4	162.1	127.5	98.4	71.1	51.1	29.7	18.3
5°	320.9	280.7	237.0	203.6	169.9	134.0	102.2	74.1	53.9	32.4	19.2
2.5°	327.2	288.4	243.5	208.1	176.7	140.0	105.3	76.7	56.2	34.9	20.0
0°	331.8	294.5	248.9	211.5	182.5	145.2	107.8	78.8	58.1	37.3	20.7
-2.5°	334.8	295.5	254.6	215.4	185.9	149.5	112.9	81.5	59.6	39.4	22.0
-5°	336.1	295.4	258.9	218.5	188.5	153.0	117.1	83.7	60.8	41.3	23.1
-7.5°	338.0	296.7	261.2	220.8	190.1	155.7	120.4	85.3	61.8	42.8	24.1
-10°	338.7	298.1	261.7	223.8	191.5	157.6	122.5	86.4	62.4	43.9	25.0
-12.5°	337.7	298.0	261.6	225.4	192.2	158.7	123.6	88.0	63.0	44.5	25.8
-15°	335.1	296.2	261.0	225.5	192.1	159.2	123.9	89.5	64.3	44.7	26.4
-17.5°	331.0	292.8	260.0	224.2	191.3	158.9	123.5	90.2	64.9	44.4	27.0
-20°	326.8	289.6	258.6	221.2	189.9	158.0	122.5	90.0	64.9	43.7	27.6

Classified

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Scaled Data Report



REPORT NUMBER: P627338 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	321.4	286.7	254.0	218.2	187.8	156.6	120.7	89.0	64.2	42.7	27.9
-25°	314.6	282.2	248.8	215.8	185.2	153.6	118.7	87.0	62.7	41.4	28.1
-27.5°	307.8	276.1	243.3	212.6	181.6	150.0	116.0	85.1	60.6	39.8	28.0
-30°	299.9	269.3	238.4	208.1	176.5	145.0	112.2	82.3	58.3	38.9	27.7
-32.5°	291.2	262.5	233.0	201.5	170.2	139.4	107.4	78.4	55.7	38.4	27.3
-35°	282.5	254.8	226.4	193.2	163.4	133.3	102.5	73.4	52.8	37.6	27.0
-37.5°	272.2	245.3	215.6	184.2	156.1	126.7	97.9	70.6	49.5	36.5	26.5
-40°	260.6	233.7	203.4	175.8	148.5	119.8	92.9	68.0	47.4	35.1	25.8
-42.5°	247.5	220.6	193.6	167.3	140.4	113.9	87.8	64.8	46.4	34.0	25.1
-45°	234.0	208.8	184.4	158.5	132.4	107.8	83.5	61.2	45.0	33.0	24.3
-47.5°	221.4	198.8	174.4	149.0	125.3	101.5	78.5	58.9	43.0	31.9	23.5
-50°	210.8	187.8	163.4	139.3	117.0	95.0	73.3	55.8	41.4	30.7	22.5
-52.5°	198.6	175.4	151.5	128.7	108.2	87.8	68.8	52.2	39.1	29.1	21.2
-55°	184.0	161.0	138.1	118.1	99.0	81.0	63.6	48.4	36.1	27.4	19.8
-57.5°	167.0	144.7	125.9	107.7	89.8	73.4	57.8	43.8	33.5	25.4	18.2
-60°	149.5	131.4	114.3	96.5	80.0	65.2	51.1	39.3	30.8	23.2	16.5
-62.5°	134.0	117.5	100.6	84.3	69.9	56.5	44.3	35.7	27.9	20.8	14.6
-65°	116.5	100.9	85.8	72.5	59.6	48.3	39.8	31.9	24.7	18.2	12.8
-67.5°	97.8	85.3	72.6	60.4	51.0	42.7	35.0	27.8	21.3	15.5	11.8
-70°	82.7	71.0	60.5	51.9	44.0	36.7	29.8	23.5	17.7	13.8	10.6
-72.5°	68.2	59.2	51.0	43.6	36.8	30.3	24.4	19.2	15.4	12.1	9.4
-75°	54.4	47.8	41.3	35.0	29.2	23.9	20.0	16.2	13.0	10.3	8.2
-77.5°	43.6	37.7	31.8	27.2	23.7	20.1	16.5	13.0	10.8	8.9	7.0
-80°	33.5	29.4	25.9	22.7	19.5	16.2	13.4	11.0	9.3	7.6	5.9
-82.5°	24.1	21.9	20.0	18.2	15.6	13.3	11.2	9.3	7.8	6.2	4.6
-85°	16.4	15.3	14.4	13.6	11.9	10.3	8.6	7.0	5.5	4.2	3.1
-87.5°	8.4	8.0	7.5	7.1	6.1	5.2	4.3	3.5	2.8	2.1	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA4B-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	0.3	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	0.3	0.1	0.0	0.1	0.5	0.0
72.5°	0.2	0.6	0.4	0.0	0.1	0.6	0.0
70°	0.5	0.9	0.8	0.1	0.2	0.7	0.0
67.5°	1.4	1.3	1.2	0.5	0.2	0.8	0.0
65°	2.4	1.8	1.7	0.9	0.3	0.9	0.0
62.5°	3.2	2.3	2.1	1.3	0.4	1.1	0.0
60°	4.0	2.9	2.6	1.7	0.5	1.2	0.0
57.5°	4.1	3.3	2.9	2.2	0.9	1.3	0.0
55°	4.1	3.8	3.2	2.6	1.2	1.4	0.0
52.5°	4.1	4.1	3.4	3.0	1.5	1.5	0.0
50°	4.1	4.1	3.6	3.5	1.9	1.6	0.0
47.5°	4.1	4.1	3.8	3.9	2.1	1.7	0.0
45°	4.1	4.1	3.9	4.0	2.4	1.9	0.0
42.5°	4.1	4.1	4.1	4.1	2.6	2.0	0.0
40°	4.1	4.1	4.1	4.1	2.9	2.1	0.0
37.5°	4.1	4.1	4.1	4.1	3.1	2.3	0.0
35°	4.1	4.1	4.1	4.1	3.2	2.4	0.0
32.5°	4.2	4.1	4.1	4.1	3.4	2.5	0.0
30°	4.7	4.1	4.1	4.1	3.5	2.7	0.0
27.5°	5.1	4.1	4.1	4.1	3.7	2.8	0.0
25°	5.6	4.1	4.1	4.1	3.8	2.9	0.0
22.5°	6.2	4.2	4.1	4.1	3.9	3.1	0.0
20°	6.7	4.5	4.1	4.1	3.9	3.2	0.0
17.5°	7.4	4.9	4.1	4.1	4.0	3.3	0.0
15°	8.3	5.3	4.1	4.1	4.0	3.4	0.0
12.5°	9.1	5.8	4.1	4.1	4.1	3.6	0.0
10°	9.8	6.3	4.1	4.1	4.1	3.7	0.0
7.5°	10.5	6.8	4.1	4.1	4.1	3.8	0.0
5°	11.2	7.3	4.1	4.1	4.1	3.9	0.0
2.5°	11.8	7.8	4.1	4.1	4.1	4.0	0.0
0°	12.4	8.3	4.1	4.1	4.1	4.1	0.0
-2.5°	13.5	8.7	4.5	4.1	4.1	4.1	0.0
-5°	14.5	9.1	4.8	4.1	4.1	4.1	0.0
-7.5°	15.4	9.5	5.2	4.1	4.1	4.1	0.0
-10°	16.2	9.8	5.5	4.1	4.1	4.0	0.0
-12.5°	16.9	10.1	5.8	4.1	4.1	4.0	0.0
-15°	17.4	10.3	6.0	4.1	4.1	4.0	0.0
-17.5°	17.8	10.5	6.2	4.1	4.1	3.9	0.0
-20°	18.0	10.6	6.3	4.1	4.1	3.9	0.0

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CATALOG NUMBER: GFLD-SA4B-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.2	10.7	6.3	4.1	4.1	3.8	0.0
-25°	18.4	11.0	6.3	4.1	4.1	3.7	0.0
-27.5°	18.4	11.3	6.2	4.1	4.1	3.6	0.0
-30°	18.3	11.4	6.1	4.1	4.1	3.6	0.0
-32.5°	18.1	11.5	6.1	4.1	4.1	3.5	0.0
-35°	18.0	11.5	6.0	4.1	4.1	3.4	0.0
-37.5°	17.9	11.4	5.8	4.1	4.1	3.3	0.0
-40°	17.7	11.2	5.6	4.1	4.1	3.1	0.0
-42.5°	17.3	10.8	5.5	4.1	4.1	3.0	0.0
-45°	16.8	10.4	5.7	4.2	4.1	2.9	0.0
-47.5°	16.1	9.8	5.8	4.3	4.1	2.8	0.0
-50°	15.3	9.2	5.9	4.4	4.1	2.6	0.0
-52.5°	14.3	8.4	5.9	4.4	4.1	2.5	0.0
-55°	13.2	8.2	5.8	4.4	4.1	2.4	0.0
-57.5°	12.0	8.0	5.8	4.4	4.1	2.2	0.0
-60°	10.7	7.7	5.6	4.4	4.1	2.0	0.0
-62.5°	10.2	7.4	5.5	4.4	3.8	1.9	0.0
-65°	9.5	7.0	5.3	4.3	3.5	1.7	0.0
-67.5°	8.8	6.6	5.0	4.2	3.1	1.6	0.0
-70°	8.1	6.1	4.8	4.1	2.8	1.4	0.0
-72.5°	7.2	5.5	4.5	3.7	2.5	1.2	0.0
-75°	6.2	4.9	4.2	3.2	2.1	1.1	0.0
-77.5°	5.3	4.3	3.5	2.7	1.8	0.9	0.0
-80°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)