

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: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627278 (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-SA3E-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: -

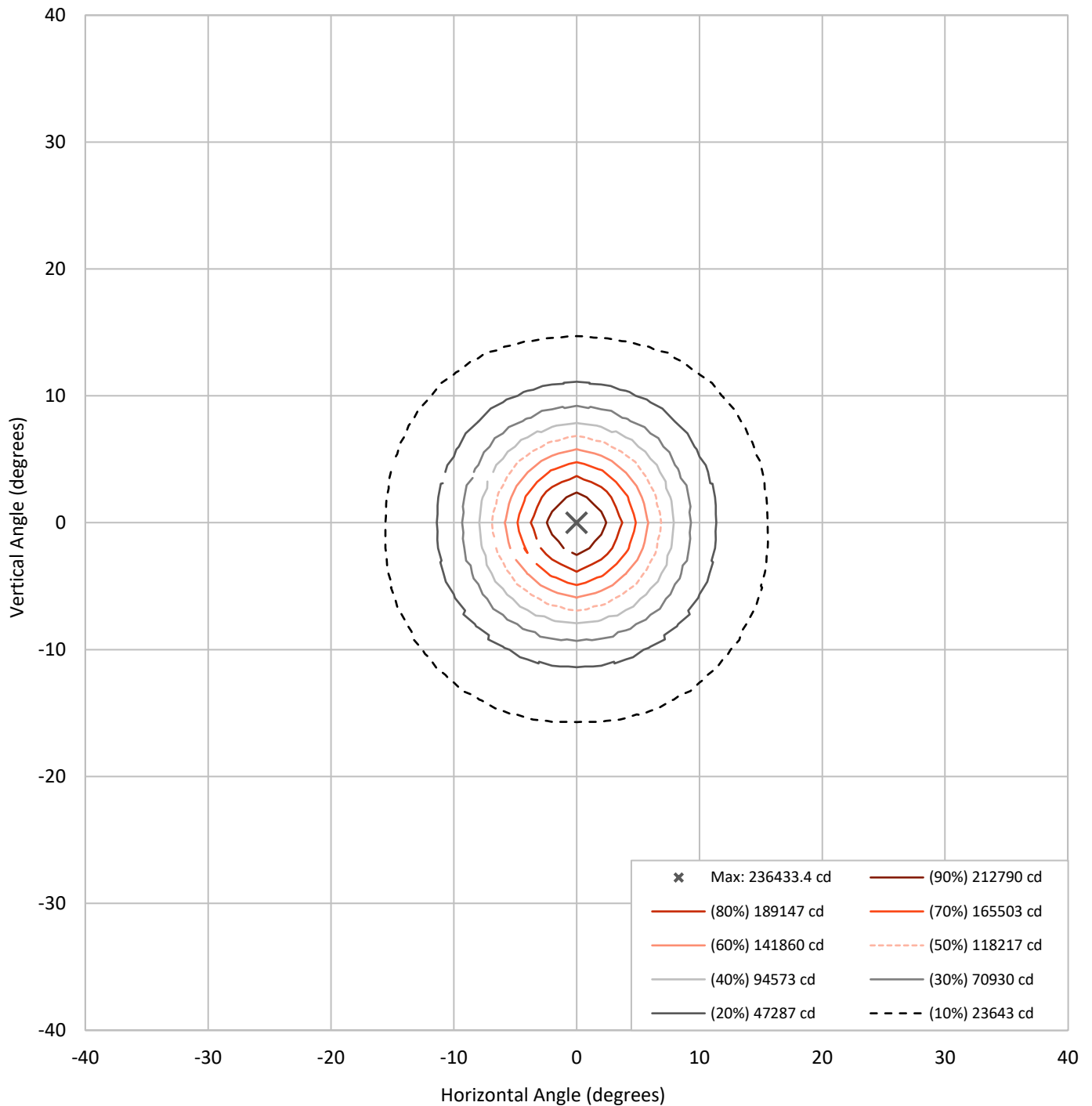
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23324.6 lumens	Max Intensity:	236433.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.9 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:	7446.3 lumens	Field Lumens:	16585.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	185.2		
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		



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CATALOG NUMBER: GFLD-SA3E-735-U-NR-VSR-XX

Iso-Candela Plot





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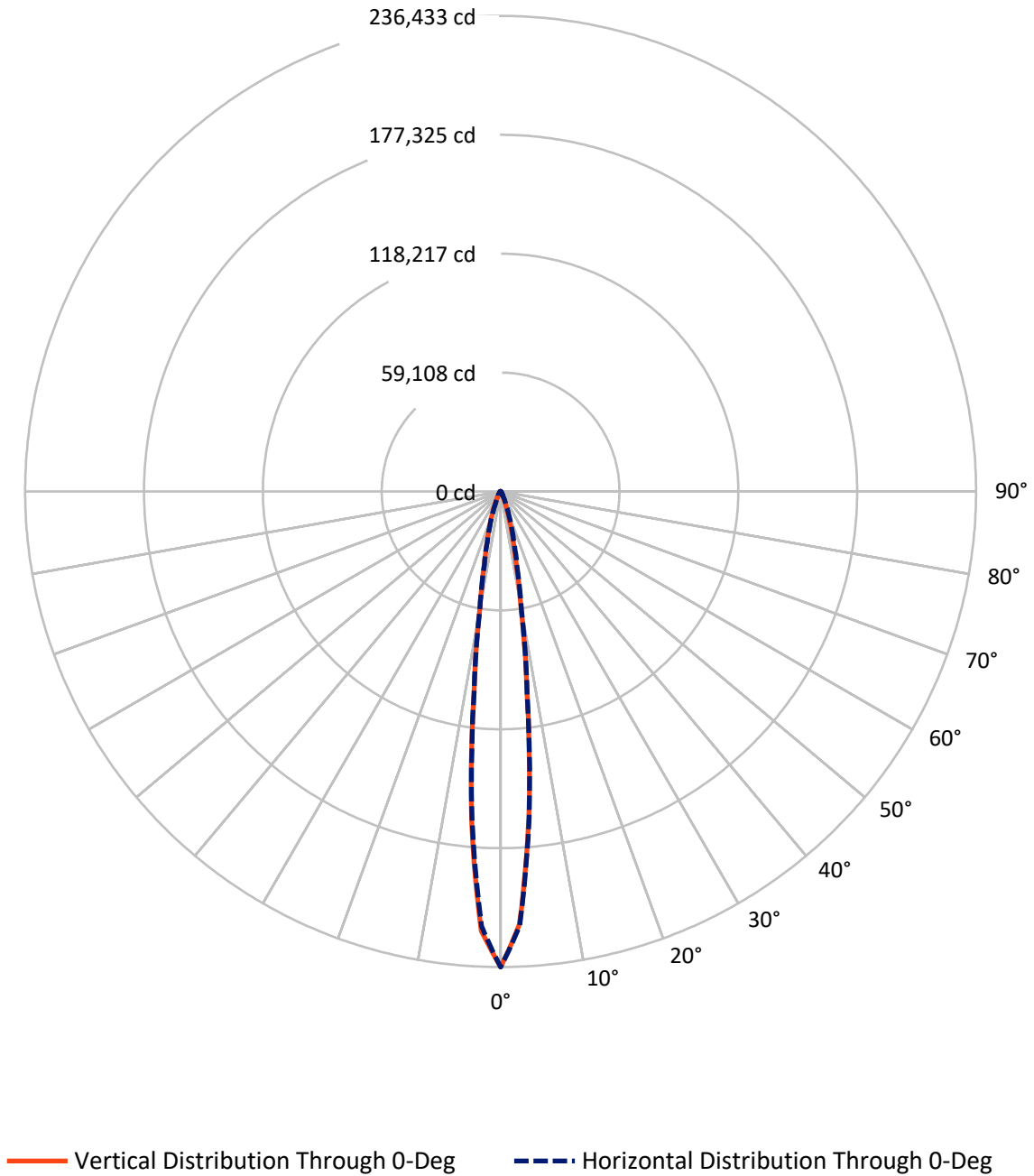
CATALOG NUMBER: GFLD-SA3E-735-U-NR-VSR-XX

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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.6	1.3	2.1	2.8	3.3	3.3	2.8	2.1	1.3	0.6	0.2		0.1			
40	0.1	0.1	0.7	2.0	3.8	5.6	7.9	9.3	9.3	7.9	5.6	3.8	2.0	0.7	0.1	0.1			
30		0.3	1.6	4.0	7.1	11.2	19.0	24.1	24.1	19.0	11.2	7.1	4.0	1.6	0.3				
20	0.2	0.7	2.6	6.0	10.9	23.7	63.3	104.9	104.9	63.3	23.7	10.9	6.0	2.6	0.7	0.2			
10		1.0	3.6	8.3	18.0	70.9	299.0	657.2	657.2	299.0	70.9	18.0	8.3	3.6	1.0				
0	0.4	1.3	4.3	9.8	24.5	133.1	716.4	3213.1	3213.1	716.4	133.1	24.5	9.8	4.3	1.3	0.4			
-10		1.4	4.7	10.3	26.3	141.9	741.6	3267.7	3267.7	741.6	141.9	26.3	10.3	4.7	1.4				
-20	0.4	1.5	4.8	10.1	23.1	90.3	360.0	770.0	770.0	360.0	90.3	23.1	10.1	4.8	1.5	0.4			
-30		1.5	4.6	9.3	17.8	42.2	110.9	184.9	184.9	110.9	42.2	17.8	9.3	4.6	1.5				
-40	0.4	1.3	4.1	8.2	14.0	23.2	37.7	47.9	47.9	37.7	23.2	14.0	8.2	4.1	1.3	0.4			
-50		1.0	3.4	6.8	11.3	16.2	21.8	24.3	24.3	21.8	16.2	11.3	6.8	3.4	1.0				
-60	0.3	0.8	2.5	5.3	8.9	12.4	15.7	17.2	17.2	15.7	12.4	8.9	5.3	2.5	0.8	0.3			
-70		0.5	1.6	3.5	6.0	8.7	10.9	12.0	12.0	10.9	8.7	6.0	3.5	1.6	0.5				
-80	0.1	1.4	5.9	12.9	16.3	12.9	5.9	1.4	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

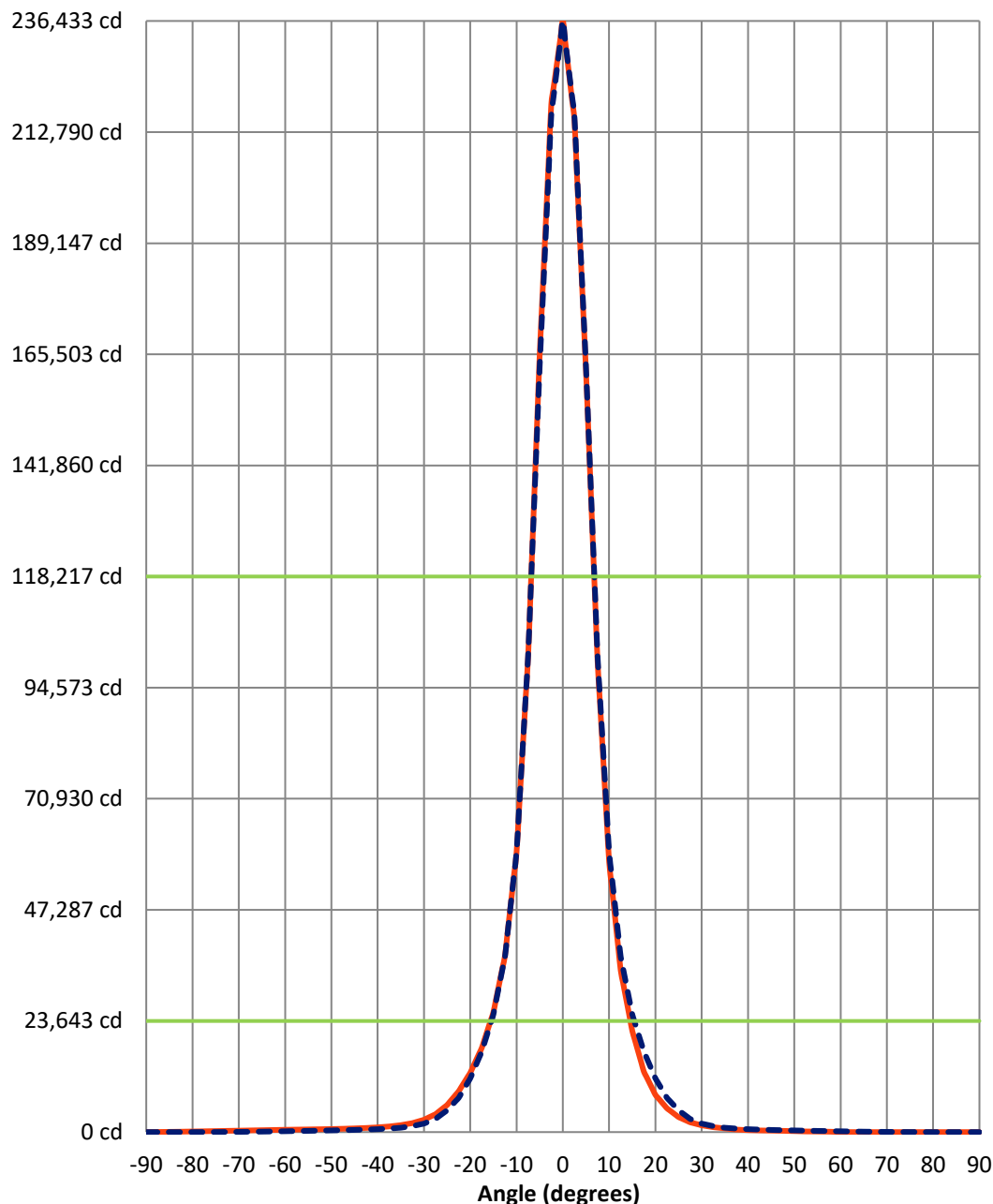
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 7446.3
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 16585.3
 Efficiency: 71.1%

Spill:
 Lumens: 6739.3
 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	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.7	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	0.8	0.3	0.3	1.1	1.1	0.5
70°	0.0	0.9	0.2	0.1	1.0	1.1	0.6	1.5	2.1	1.9	0.7
67.5°	0.0	1.0	0.3	0.6	1.5	1.5	1.8	2.8	3.2	2.0	0.8
65°	0.0	1.2	0.4	1.1	2.0	2.1	2.9	4.2	3.4	2.2	1.5
62.5°	0.0	1.3	0.5	1.6	2.6	2.8	3.9	4.7	3.6	2.6	3.1
60°	0.0	1.4	0.7	2.1	3.1	3.5	4.9	4.9	3.8	3.6	4.6
57.5°	0.0	1.6	1.1	2.6	3.5	4.1	5.0	5.0	4.2	4.5	5.0
55°	0.0	1.7	1.5	3.2	3.9	4.6	5.0	5.0	4.6	5.0	5.0
52.5°	0.0	1.8	1.9	3.7	4.2	5.0	5.0	5.0	4.9	5.0	5.0
50°	0.0	2.0	2.3	4.3	4.4	5.0	5.0	5.0	5.0	5.0	5.8
47.5°	0.0	2.1	2.6	4.7	4.6	5.0	5.0	5.0	5.0	5.0	6.9
45°	0.0	2.3	2.9	4.9	4.8	5.0	5.0	5.0	5.2	6.2	8.2
42.5°	0.0	2.4	3.2	5.0	4.9	5.0	5.0	5.2	5.5	7.6	11.1
40°	0.0	2.6	3.5	5.0	5.0	5.0	5.0	5.6	6.4	9.2	14.2
37.5°	0.0	2.8	3.7	5.0	5.0	5.0	5.0	6.1	8.1	11.5	17.6
35°	0.0	2.9	4.0	5.0	5.0	5.0	5.0	6.7	10.0	14.7	21.6
32.5°	0.0	3.1	4.2	5.0	5.0	5.0	5.1	7.4	11.9	17.8	26.7
30°	0.0	3.2	4.3	5.0	5.0	5.0	5.7	8.3	13.9	20.7	32.4
27.5°	0.0	3.4	4.5	5.0	5.0	5.0	6.2	9.9	16.1	23.5	38.4
25°	0.0	3.6	4.6	5.0	5.0	5.0	6.8	11.5	18.5	27.7	44.9
22.5°	0.0	3.7	4.7	5.0	5.0	5.1	7.4	13.2	20.8	32.8	52.6
20°	0.0	3.9	4.8	5.0	5.0	5.5	8.1	14.8	22.9	37.9	59.6
17.5°	0.0	4.1	4.9	5.0	5.0	5.9	9.0	16.3	24.9	43.0	66.1
15°	0.0	4.2	4.9	5.0	5.0	6.4	10.0	17.9	26.8	48.1	71.9
12.5°	0.0	4.4	4.9	5.0	5.0	7.0	11.0	19.4	29.3	53.1	77.2
10°	0.0	4.5	5.0	5.0	5.0	7.6	11.9	20.8	32.5	57.7	81.8
7.5°	0.0	4.6	5.0	5.0	5.0	8.2	12.7	22.0	35.8	61.6	85.9
5°	0.0	4.8	5.0	5.0	5.0	8.8	13.5	23.2	39.0	65.0	89.4
2.5°	0.0	4.9	5.0	5.0	5.0	9.4	14.3	24.1	42.1	67.8	92.5
0°	0.0	5.0	5.0	5.0	5.0	10.0	15.0	25.0	45.0	70.1	95.1
-2.5°	0.0	5.0	5.0	5.0	5.4	10.5	16.3	26.5	47.6	72.0	98.3
-5°	0.0	5.0	5.0	5.0	5.9	11.0	17.5	27.9	49.8	73.4	101.0
-7.5°	0.0	5.0	5.0	5.0	6.3	11.4	18.6	29.1	51.6	74.5	102.9
-10°	0.0	4.9	5.0	5.0	6.6	11.8	19.6	30.2	52.9	75.3	104.2
-12.5°	0.0	4.9	5.0	5.0	7.0	12.1	20.4	31.1	53.7	76.1	106.1
-15°	0.0	4.8	5.0	5.0	7.3	12.4	21.1	31.9	53.9	77.6	107.9
-17.5°	0.0	4.8	5.0	5.0	7.5	12.6	21.5	32.6	53.6	78.4	108.8
-20°	0.0	4.7	5.0	5.0	7.6	12.8	21.8	33.3	52.8	78.3	108.6

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Scaled Data Report



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	4.6	5.0	5.0	7.7	12.9	22.0	33.7	51.6	77.5	107.3
-25°	0.0	4.5	5.0	5.0	7.7	13.2	22.2	33.9	50.0	75.6	105.0
-27.5°	0.0	4.4	5.0	5.0	7.5	13.6	22.2	33.8	48.0	73.1	102.8
-30°	0.0	4.3	5.0	5.0	7.3	13.8	22.1	33.4	47.0	70.4	99.3
-32.5°	0.0	4.2	5.0	5.0	7.3	13.9	21.8	33.0	46.4	67.3	94.6
-35°	0.0	4.1	5.0	5.0	7.2	13.9	21.8	32.5	45.4	63.7	88.6
-37.5°	0.0	4.0	5.0	5.0	7.1	13.7	21.7	31.9	44.1	59.7	85.2
-40°	0.0	3.8	5.0	5.0	6.8	13.5	21.4	31.2	42.4	57.1	82.0
-42.5°	0.0	3.7	5.0	5.0	6.7	13.1	20.9	30.3	41.1	56.0	78.2
-45°	0.0	3.5	5.0	5.2	6.9	12.5	20.3	29.4	39.8	54.2	73.9
-47.5°	0.0	3.4	5.0	5.3	7.0	11.9	19.5	28.4	38.5	51.9	71.0
-50°	0.0	3.2	5.0	5.4	7.1	11.1	18.5	27.1	37.0	49.9	67.4
-52.5°	0.0	3.0	5.0	5.4	7.1	10.2	17.3	25.7	35.2	47.1	62.9
-55°	0.0	2.9	5.0	5.4	7.1	9.9	16.0	24.0	33.1	43.6	58.4
-57.5°	0.0	2.7	5.0	5.4	7.0	9.7	14.5	22.0	30.7	40.4	52.9
-60°	0.0	2.5	5.0	5.4	6.8	9.4	13.0	19.9	28.1	37.2	47.4
-62.5°	0.0	2.3	4.6	5.3	6.6	9.0	12.3	17.6	25.2	33.7	43.1
-65°	0.0	2.1	4.2	5.2	6.4	8.5	11.5	15.5	22.0	29.8	38.5
-67.5°	0.0	1.9	3.8	5.1	6.1	8.0	10.7	14.2	18.7	25.7	33.5
-70°	0.0	1.7	3.4	5.0	5.8	7.4	9.7	12.8	16.7	21.4	28.3
-72.5°	0.0	1.5	3.0	4.5	5.4	6.7	8.7	11.3	14.6	18.6	23.2
-75°	0.0	1.3	2.6	3.9	5.1	6.0	7.6	9.9	12.4	15.7	19.5
-77.5°	0.0	1.1	2.2	3.2	4.3	5.3	6.4	8.5	10.8	13.0	15.7
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.1	7.1	9.2	11.2	13.2
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	5.6	7.5	9.4	11.2
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.7	5.1	6.7	8.4
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.6	3.3	4.2
-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-SA3E-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°
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	1.7	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.4	3.2	2.5	1.3	0.1	1.2	1.7	1.3	0.2	0.0	0.0
62.5°	4.6	3.9	2.8	2.1	2.8	3.8	2.9	1.7	0.5	2.4	3.5
60°	5.0	4.2	3.5	4.0	5.1	4.5	3.3	4.9	7.3	9.2	11.2
57.5°	5.0	4.6	4.5	5.4	5.7	5.7	8.8	11.7	16.6	20.6	23.4
55°	5.1	4.9	5.7	6.8	8.4	12.0	16.3	23.0	28.4	36.6	43.6
52.5°	5.7	5.7	7.6	10.2	15.1	20.6	28.4	37.9	48.6	56.6	65.1
50°	6.5	8.3	10.7	17.2	23.8	32.5	45.3	59.1	68.1	77.2	89.4
47.5°	8.9	11.3	17.6	25.1	34.8	48.6	66.2	76.2	85.1	99.3	114.4
45°	12.0	17.0	24.7	35.1	48.5	67.9	81.7	89.8	105.3	121.7	139.0
42.5°	15.3	23.5	34.0	44.9	66.0	84.4	96.9	109.8	125.4	144.6	163.4
40°	20.8	29.8	44.2	61.3	82.8	100.7	116.4	131.2	146.5	171.7	191.7
37.5°	26.4	39.6	55.7	77.1	99.3	118.9	136.5	155.1	176.9	205.3	223.3
35°	31.7	49.6	69.4	92.1	115.7	137.9	159.0	180.7	209.1	235.9	257.4
32.5°	39.3	60.0	82.2	106.7	131.0	156.1	181.8	207.7	235.6	263.1	291.2
30°	48.8	70.9	94.3	120.6	145.1	174.2	203.8	231.3	259.4	288.4	320.2
27.5°	58.4	81.2	106.5	133.0	158.7	191.9	223.9	252.5	281.4	312.6	348.8
25°	67.3	91.5	118.0	144.1	174.3	209.9	244.8	278.1	302.5	338.0	380.3
22.5°	75.8	101.6	130.0	154.1	189.4	228.0	268.7	304.5	333.4	365.0	413.1
20°	84.2	112.0	141.3	168.3	204.5	246.0	294.3	331.2	367.0	407.8	456.9
17.5°	92.2	121.7	152.5	184.5	222.7	265.7	320.5	358.1	400.9	449.8	511.6
15°	99.8	130.7	163.7	199.7	239.1	285.4	338.3	385.2	436.4	492.8	565.9
12.5°	106.9	138.9	174.7	213.7	253.5	302.4	353.2	403.1	462.1	535.8	627.7
10°	113.4	146.3	185.4	226.5	266.2	316.8	366.4	418.3	480.5	561.5	666.7
7.5°	118.8	153.8	195.6	238.1	277.0	328.6	377.8	430.8	495.9	582.7	693.0
5°	123.3	161.6	205.0	245.7	286.1	338.7	387.3	440.7	508.2	599.3	711.8
2.5°	127.1	168.9	213.2	251.1	293.8	348.0	394.9	451.7	520.7	612.2	729.3
0°	130.1	175.2	220.2	255.2	300.3	355.3	400.4	460.4	530.5	620.6	745.7
-2.5°	136.2	180.4	224.4	259.9	307.2	356.5	404.0	461.6	534.2	627.1	748.7
-5°	141.3	184.6	227.4	263.5	312.3	356.4	405.6	460.6	535.5	630.8	754.2
-7.5°	145.2	187.8	229.4	266.4	315.1	358.0	407.8	464.2	539.4	634.2	761.3
-10°	147.7	190.1	231.1	269.9	315.8	359.7	408.7	465.0	538.7	632.0	757.4
-12.5°	149.1	191.5	231.9	271.9	315.6	359.6	407.5	462.8	533.2	624.1	741.9
-15°	149.5	192.0	231.8	272.1	314.9	357.5	404.3	457.6	523.3	610.7	717.6
-17.5°	149.0	191.7	230.8	270.5	313.7	353.3	399.3	450.5	513.3	594.9	697.9
-20°	147.7	190.7	229.1	266.8	312.1	349.5	394.3	443.7	502.8	576.8	668.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	145.7	188.9	226.6	263.2	306.5	346.0	387.8	435.0	487.8	554.8	636.6
-25°	143.2	185.4	223.5	260.4	300.2	340.6	379.6	424.4	473.0	537.4	611.0
-27.5°	140.0	181.1	219.1	256.5	293.5	333.2	371.4	413.7	461.8	518.6	584.4
-30°	135.4	174.9	213.0	251.2	287.6	325.0	361.9	402.2	447.5	501.0	561.8
-32.5°	129.6	168.2	205.4	243.1	281.1	316.7	351.4	390.2	432.7	479.6	537.4
-35°	123.6	160.8	197.1	233.1	273.1	307.5	340.9	376.4	416.1	459.6	506.7
-37.5°	118.1	152.9	188.4	222.3	260.2	296.0	328.5	362.3	398.9	438.9	481.7
-40°	112.1	144.5	179.1	212.2	245.4	281.9	314.4	347.0	380.9	421.0	459.0
-42.5°	105.9	137.4	169.4	201.9	233.6	266.2	298.7	329.9	365.6	403.6	440.9
-45°	100.7	130.0	159.7	191.2	222.5	251.9	282.4	311.6	347.9	385.8	422.3
-47.5°	94.7	122.4	151.2	179.7	210.4	239.9	267.2	296.8	327.6	363.5	401.8
-50°	88.4	114.6	141.2	168.1	197.2	226.7	254.4	281.7	310.8	340.2	373.3
-52.5°	83.0	106.0	130.6	155.3	182.8	211.6	239.6	267.0	293.7	321.4	349.6
-55°	76.7	97.7	119.5	142.6	166.7	194.3	222.1	248.7	276.1	302.0	329.5
-57.5°	69.7	88.6	108.3	130.0	151.9	174.6	201.5	228.0	253.7	279.9	308.4
-60°	61.7	78.6	96.6	116.5	137.9	158.6	180.5	205.1	229.8	254.6	281.0
-62.5°	53.4	68.1	84.3	101.8	121.4	141.7	161.7	182.7	205.0	226.5	249.3
-65°	48.0	58.3	71.9	87.4	103.5	121.8	140.7	160.0	179.6	197.9	215.5
-67.5°	42.1	51.4	61.5	73.0	87.6	102.9	118.0	135.3	153.0	169.8	186.2
-70°	35.9	44.2	53.1	62.6	73.1	85.6	99.7	113.6	127.1	141.2	156.5
-72.5°	29.4	36.6	44.3	52.6	61.5	71.4	82.3	94.1	106.2	117.8	129.7
-75°	24.1	28.9	35.2	42.2	49.8	57.7	65.6	74.9	85.1	95.4	105.4
-77.5°	19.9	24.3	28.6	32.9	38.3	45.5	52.5	59.4	66.6	74.3	82.6
-80°	16.2	19.6	23.5	27.5	31.2	35.5	40.4	45.8	50.9	56.0	61.7
-82.5°	13.5	16.1	18.9	22.0	24.2	26.5	29.0	32.2	35.5	39.0	42.6
-85°	10.3	12.4	14.3	16.4	17.4	18.5	19.8	21.2	23.3	25.4	27.5
-87.5°	5.2	6.2	7.4	8.6	9.1	9.6	10.1	10.6	12.0	13.4	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	0.3	0.0	0.0	0.0	0.1	0.9	1.2	1.1	0.5	0.0	0.0
62.5°	2.9	2.4	3.9	5.2	5.7	5.5	5.1	4.5	3.9	3.6	4.1
60°	12.0	11.8	16.4	18.6	17.0	11.9	18.8	22.2	21.4	18.3	18.2
57.5°	29.4	35.6	40.2	42.3	48.9	59.7	61.7	58.1	56.9	58.0	67.0
55°	50.9	56.0	58.7	67.8	75.8	81.6	85.1	88.6	93.7	99.9	106.4
52.5°	72.0	79.0	84.4	92.5	102.1	105.5	104.6	117.0	126.6	132.8	135.3
50°	98.9	107.6	120.0	132.8	138.3	143.7	149.4	159.5	174.3	192.8	203.4
47.5°	127.8	141.6	154.6	169.2	176.6	182.3	190.8	208.5	229.6	249.4	259.7
45°	153.9	166.2	181.1	193.7	202.8	213.8	226.1	242.1	265.7	286.5	300.8
42.5°	174.9	188.7	204.1	219.3	228.4	243.4	262.1	283.9	308.6	330.1	346.1
40°	204.2	215.9	240.4	254.8	258.4	272.4	309.8	339.6	367.5	394.0	407.3
37.5°	239.7	262.5	287.9	301.0	313.9	338.5	388.6	436.6	472.3	508.2	527.9
35°	280.0	310.0	344.6	360.1	387.8	441.3	500.2	567.0	650.2	685.1	716.8
32.5°	319.2	352.7	384.7	419.4	467.8	531.8	598.1	706.5	807.8	886.1	943.4
30°	353.9	389.5	429.1	473.8	542.0	630.2	741.0	881.3	1023.9	1148.4	1253.8
27.5°	388.2	428.7	475.8	542.5	638.4	758.3	935.1	1135.2	1373.4	1548.8	1758.4
25°	425.9	472.1	532.7	629.4	758.8	938.0	1220.6	1545.5	1936.0	2252.7	2584.1
22.5°	470.4	538.7	615.4	723.3	949.3	1244.6	1630.7	2186.0	2786.8	3342.2	3877.0
20°	524.3	617.7	740.8	939.3	1229.4	1666.0	2336.9	3223.1	4106.6	5047.5	5953.3
17.5°	601.0	735.7	927.0	1209.5	1592.0	2455.5	3544.0	4914.7	6675.7	8271.5	9664.8
15°	673.1	834.0	1136.1	1558.5	2225.5	3369.9	5023.3	7285.6	10030.1	12531.3	15173.0
12.5°	748.7	938.7	1285.7	1823.5	2750.3	4240.2	6563.7	9663.5	13100.0	16869.6	21163.4
10°	808.6	1039.2	1454.7	2136.6	3279.0	5134.4	7902.0	11661.4	16228.1	21806.8	28670.8
7.5°	849.0	1119.9	1594.4	2365.8	3765.9	6048.8	9380.5	13899.3	19608.4	26999.1	36603.6
5°	880.6	1181.4	1699.4	2574.8	4177.7	6746.9	10475.9	15858.9	22612.5	32514.8	48791.6
2.5°	905.9	1228.5	1764.3	2718.7	4436.1	7233.1	11210.9	16967.6	24400.8	36592.7	57709.6
0°	925.8	1271.1	1806.6	2807.5	4634.2	7281.6	11440.3	17170.5	25042.6	37328.7	59628.8
-2.5°	934.3	1294.0	1821.2	2827.0	4614.3	7365.0	11510.3	17332.5	25018.5	36925.4	57485.3
-5°	948.4	1293.6	1810.2	2807.1	4510.9	7149.3	11053.2	16425.6	23509.2	33749.6	50594.0
-7.5°	958.5	1273.0	1757.8	2679.9	4240.1	6682.8	10250.0	14923.1	20762.1	28537.4	38969.7
-10°	949.2	1233.4	1670.5	2466.6	3819.1	5934.6	9028.6	12939.5	17792.3	23554.4	30642.3
-12.5°	913.5	1160.3	1527.9	2167.7	3273.8	5096.4	7799.7	11129.6	14721.4	18768.1	23666.0
-15°	868.3	1081.4	1399.4	1962.7	2869.5	4265.6	6239.2	8940.6	11821.9	14894.4	18170.9
-17.5°	833.2	1012.2	1275.5	1683.3	2350.3	3460.4	5011.3	6930.3	9047.7	11387.0	13328.6
-20°	785.5	927.1	1148.1	1481.1	1990.0	2725.5	3855.0	5249.2	6646.4	8291.1	9632.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	737.9	861.2	1029.3	1273.0	1651.7	2207.3	2905.2	3836.1	4857.9	5802.0	6731.3
-25°	693.6	788.6	924.6	1124.5	1381.4	1760.6	2257.3	2791.3	3464.8	4039.5	4677.2
-27.5°	657.8	739.3	839.7	986.3	1185.6	1429.5	1785.2	2143.1	2497.2	2787.2	3226.3
-30°	623.2	688.8	772.8	877.3	1026.7	1214.7	1445.6	1677.7	1882.1	2068.5	2297.2
-32.5°	589.2	642.7	707.0	793.8	901.0	1042.3	1184.2	1350.5	1492.6	1623.7	1745.1
-35°	555.2	602.7	651.7	724.9	810.4	910.8	1013.9	1126.6	1225.0	1313.3	1391.4
-37.5°	524.4	566.2	612.3	666.8	735.6	811.2	895.5	977.3	1042.2	1099.6	1147.0
-40°	498.5	536.5	575.9	619.5	672.0	731.6	803.1	871.3	916.9	951.9	980.6
-42.5°	475.3	508.7	542.4	579.4	619.7	671.3	727.7	784.0	814.9	842.0	862.8
-45°	456.7	482.3	510.7	542.3	577.9	621.1	665.5	704.5	731.9	755.2	772.6
-47.5°	432.1	456.8	481.3	507.4	540.7	576.7	613.4	643.3	667.3	687.6	700.9
-50°	405.0	431.1	453.5	476.4	507.0	537.5	567.1	591.8	614.7	634.6	645.0
-52.5°	377.0	404.9	428.5	450.9	476.5	503.1	529.8	551.0	571.0	589.8	597.7
-55°	356.8	382.5	406.9	427.9	449.1	470.4	492.1	514.1	533.9	551.7	557.0
-57.5°	335.0	361.2	385.2	404.2	423.3	442.5	462.4	482.2	501.3	518.4	522.7
-60°	308.4	336.8	358.1	376.0	394.6	413.6	430.9	448.6	466.3	481.2	486.0
-62.5°	274.6	300.5	321.6	340.3	358.3	374.8	391.7	408.2	424.2	436.0	439.8
-65°	234.0	256.1	277.8	297.5	315.2	331.1	346.7	361.7	376.3	386.6	391.8
-67.5°	202.1	217.9	235.4	252.3	270.1	286.5	300.5	313.8	326.2	335.0	340.5
-70°	171.2	186.3	202.7	218.8	234.3	247.6	258.8	269.7	280.3	288.1	294.0
-72.5°	141.7	154.5	168.2	182.4	196.5	208.6	218.9	228.6	237.8	244.4	249.8
-75°	115.1	125.6	137.1	148.7	160.1	169.7	178.3	186.7	194.8	200.7	205.7
-77.5°	91.4	100.3	109.3	118.3	127.3	134.2	140.5	146.7	152.7	157.4	161.6
-80°	67.7	74.7	81.9	89.1	96.3	101.5	106.3	110.8	115.1	117.8	120.2
-82.5°	46.3	51.1	56.2	61.3	66.3	70.2	74.0	77.7	81.4	82.7	83.6
-85°	29.5	31.9	34.6	37.3	40.2	42.4	44.4	46.4	48.3	50.0	51.6
-87.5°	16.4	16.9	17.3	17.7	18.1	19.6	21.1	22.6	24.1	24.4	24.6
-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: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0.5	1.1
62.5°	4.5	4.8	4.9	5.0	4.9	4.8	4.5	4.1	3.6	3.9	4.5
60°	17.1	15.2	14.9	15.0	14.9	15.2	17.1	18.2	18.3	21.4	22.2
57.5°	76.1	84.7	87.0	85.1	87.0	84.7	76.1	67.0	58.0	56.9	58.1
55°	110.8	113.5	114.7	115.1	114.7	113.5	110.8	106.4	99.9	93.7	88.6
52.5°	135.9	135.0	134.8	135.1	134.8	135.0	135.9	135.3	132.8	126.6	117.0
50°	204.2	200.5	199.0	200.2	199.0	200.5	204.2	203.4	192.8	174.3	159.5
47.5°	261.0	262.1	263.9	265.2	263.9	262.1	261.0	259.7	249.4	229.6	208.5
45°	304.8	307.5	309.3	310.3	309.3	307.5	304.8	300.8	286.5	265.7	242.1
42.5°	349.5	349.8	349.3	350.3	349.3	349.8	349.5	346.1	330.1	308.6	283.9
40°	412.7	414.0	412.6	410.4	412.6	414.0	412.7	407.3	394.0	367.5	339.6
37.5°	539.3	541.1	535.2	530.5	535.2	541.1	539.3	527.9	508.2	472.3	436.6
35°	745.8	767.2	777.4	780.7	777.4	767.2	745.8	716.8	685.1	650.2	567.0
32.5°	983.0	1012.8	1027.7	1040.9	1027.7	1012.8	983.0	943.4	886.1	807.8	706.5
30°	1322.9	1377.8	1402.0	1436.3	1402.0	1377.8	1322.9	1253.8	1148.4	1023.9	881.3
27.5°	1877.3	1973.8	2027.3	2076.9	2027.3	1973.8	1877.3	1758.4	1548.8	1373.4	1135.2
25°	2824.9	3010.8	3131.1	3187.9	3131.1	3010.8	2824.9	2584.1	2252.7	1936.0	1545.5
22.5°	4394.6	4737.3	5001.6	5054.6	5001.6	4737.3	4394.6	3877.0	3342.2	2786.8	2186.0
20°	6832.0	7322.4	7721.3	7922.1	7721.3	7322.4	6832.0	5953.3	5047.5	4106.6	3223.1
17.5°	11324.4	12344.3	12810.2	12886.6	12810.2	12344.3	11324.4	9664.8	8271.5	6675.7	4914.7
15°	18007.6	19733.4	20829.0	21534.4	20829.0	19733.4	18007.6	15173.0	12531.3	10030.1	7285.6
12.5°	25633.0	30536.9	33327.2	34391.0	33327.2	30536.9	25633.0	21163.4	16869.6	13100.0	9663.5
10°	35982.4	47526.7	54185.9	57536.9	54185.9	47526.7	35982.4	28670.8	21806.8	16228.1	11661.4
7.5°	53547.7	71378.1	91133.4	100273.0	91133.4	71378.1	53547.7	36603.6	26999.1	19608.4	13899.3
5°	72013.0	111161.3	145522.0	161976.2	145522.0	111161.3	72013.0	48791.6	32514.8	22612.5	15858.9
2.5°	93236.0	146031.1	194844.5	215369.4	194844.5	146031.1	93236.0	57709.6	36592.7	24400.8	16967.6
0°	101404.0	162902.0	216287.7	236433.4	216287.7	162902.0	101404.0	59628.8	37328.7	25042.6	17170.5
-2.5°	94498.8	148588.9	195683.2	218702.3	195683.2	148588.9	94498.8	57485.3	36925.4	25018.5	17332.5
-5°	75084.1	111774.0	146651.8	165409.3	146651.8	111774.0	75084.1	50594.0	33749.6	23509.2	16425.6
-7.5°	55107.1	75080.6	94450.5	101223.9	94450.5	75080.6	55107.1	38969.7	28537.4	20762.1	14923.1
-10°	38366.6	49804.2	57354.2	59508.7	57354.2	49804.2	38366.6	30642.3	23554.4	17792.3	12939.5
-12.5°	28445.0	33447.8	36928.6	37533.9	36928.6	33447.8	28445.0	23666.0	18768.1	14721.4	11129.6
-15°	21062.8	23606.9	25402.2	25523.0	25402.2	23606.9	21062.8	18170.9	14894.4	11821.9	8940.6
-17.5°	15397.0	17104.7	18010.7	17946.2	18010.7	17104.7	15397.0	13328.6	11387.0	9047.7	6930.3
-20°	11009.8	12039.1	12769.2	12626.4	12769.2	12039.1	11009.8	9632.4	8291.1	6646.4	5249.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	7676.8	8360.1	8787.9	8677.8	8787.9	8360.1	7676.8	6731.3	5802.0	4857.9	3836.1
-25°	5216.2	5588.6	5800.4	5765.2	5800.4	5588.6	5216.2	4677.2	4039.5	3464.8	2791.3
-27.5°	3554.6	3751.2	3816.9	3813.4	3816.9	3751.2	3554.6	3226.3	2787.2	2497.2	2143.1
-30°	2467.2	2599.4	2674.9	2627.4	2674.9	2599.4	2467.2	2297.2	2068.5	1882.1	1677.7
-32.5°	1838.9	1913.4	1956.5	1911.7	1956.5	1913.4	1838.9	1745.1	1623.7	1492.6	1350.5
-35°	1449.2	1486.9	1502.1	1476.3	1502.1	1486.9	1449.2	1391.4	1313.3	1225.0	1126.6
-37.5°	1181.5	1203.6	1211.1	1196.1	1211.1	1203.6	1181.5	1147.0	1099.6	1042.2	977.3
-40°	1001.1	1014.6	1018.0	1005.9	1018.0	1014.6	1001.1	980.6	951.9	916.9	871.3
-42.5°	875.9	884.0	885.9	880.8	885.9	884.0	875.9	862.8	842.0	814.9	784.0
-45°	782.8	789.8	791.1	785.7	791.1	789.8	782.8	772.6	755.2	731.9	704.5
-47.5°	707.5	711.7	712.8	710.6	712.8	711.7	707.5	700.9	687.6	667.3	643.3
-50°	649.8	652.7	653.0	650.6	653.0	652.7	649.8	645.0	634.6	614.7	591.8
-52.5°	601.4	603.4	604.8	605.5	604.8	603.4	601.4	597.7	589.8	571.0	551.0
-55°	560.7	563.4	565.0	565.5	565.0	563.4	560.7	557.0	551.7	533.9	514.1
-57.5°	526.1	528.6	530.0	530.5	530.0	528.6	526.1	522.7	518.4	501.3	482.2
-60°	490.0	492.9	494.8	495.4	494.8	492.9	490.0	486.0	481.2	466.3	448.6
-62.5°	442.4	443.7	444.9	445.4	444.9	443.7	442.4	439.8	436.0	424.2	408.2
-65°	395.7	398.4	399.9	400.4	399.9	398.4	395.7	391.8	386.6	376.3	361.7
-67.5°	345.0	348.5	352.2	355.3	352.2	348.5	345.0	340.5	335.0	326.2	313.8
-70°	299.1	303.5	305.0	305.3	305.0	303.5	299.1	294.0	288.1	280.3	269.7
-72.5°	254.6	258.7	262.3	265.2	262.3	258.7	254.6	249.8	244.4	237.8	228.6
-75°	210.1	214.0	214.9	215.2	214.9	214.0	210.1	205.7	200.7	194.8	186.7
-77.5°	165.6	169.2	170.0	170.2	170.0	169.2	165.6	161.6	157.4	152.7	146.7
-80°	122.5	124.4	127.4	130.1	127.4	124.4	122.5	120.2	117.8	115.1	110.8
-82.5°	84.3	84.8	85.0	85.1	85.0	84.8	84.3	83.6	82.7	81.4	77.7
-85°	53.2	54.8	54.9	55.0	54.9	54.8	53.2	51.6	50.0	48.3	46.4
-87.5°	24.8	24.9	25.0	25.0	25.0	24.9	24.8	24.6	24.4	24.1	22.6
-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: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1.2	0.9	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.3
62.5°	5.1	5.5	5.7	5.2	3.9	2.4	2.9	3.5	2.4	0.5	1.7
60°	18.8	11.9	17.0	18.6	16.4	11.8	12.0	11.2	9.2	7.3	4.9
57.5°	61.7	59.7	48.9	42.3	40.2	35.6	29.4	23.4	20.6	16.6	11.7
55°	85.1	81.6	75.8	67.8	58.7	56.0	50.9	43.6	36.6	28.4	23.0
52.5°	104.6	105.5	102.1	92.5	84.4	79.0	72.0	65.1	56.6	48.6	37.9
50°	149.4	143.7	138.3	132.8	120.0	107.6	98.9	89.4	77.2	68.1	59.1
47.5°	190.8	182.3	176.6	169.2	154.6	141.6	127.8	114.4	99.3	85.1	76.2
45°	226.1	213.8	202.8	193.7	181.1	166.2	153.9	139.0	121.7	105.3	89.8
42.5°	262.1	243.4	228.4	219.3	204.1	188.7	174.9	163.4	144.6	125.4	109.8
40°	309.8	272.4	258.4	254.8	240.4	215.9	204.2	191.7	171.7	146.5	131.2
37.5°	388.6	338.5	313.9	301.0	287.9	262.5	239.7	223.3	205.3	176.9	155.1
35°	500.2	441.3	387.8	360.1	344.6	310.0	280.0	257.4	235.9	209.1	180.7
32.5°	598.1	531.8	467.8	419.4	384.7	352.7	319.2	291.2	263.1	235.6	207.7
30°	741.0	630.2	542.0	473.8	429.1	389.5	353.9	320.2	288.4	259.4	231.3
27.5°	935.1	758.3	638.4	542.5	475.8	428.7	388.2	348.8	312.6	281.4	252.5
25°	1220.6	938.0	758.8	629.4	532.7	472.1	425.9	380.3	338.0	302.5	278.1
22.5°	1630.7	1244.6	949.3	723.3	615.4	538.7	470.4	413.1	365.0	333.4	304.5
20°	2336.9	1666.0	1229.4	939.3	740.8	617.7	524.3	456.9	407.8	367.0	331.2
17.5°	3544.0	2455.5	1592.0	1209.5	927.0	735.7	601.0	511.6	449.8	400.9	358.1
15°	5023.3	3369.9	2225.5	1558.5	1136.1	834.0	673.1	565.9	492.8	436.4	385.2
12.5°	6563.7	4240.2	2750.3	1823.5	1285.7	938.7	748.7	627.7	535.8	462.1	403.1
10°	7902.0	5134.4	3279.0	2136.6	1454.7	1039.2	808.6	666.7	561.5	480.5	418.3
7.5°	9380.5	6048.8	3765.9	2365.8	1594.4	1119.9	849.0	693.0	582.7	495.9	430.8
5°	10475.9	6746.9	4177.7	2574.8	1699.4	1181.4	880.6	711.8	599.3	508.2	440.7
2.5°	11210.9	7233.1	4436.1	2718.7	1764.3	1228.5	905.9	729.3	612.2	520.7	451.7
0°	11440.3	7281.6	4634.2	2807.5	1806.6	1271.1	925.8	745.7	620.6	530.5	460.4
-2.5°	11510.3	7365.0	4614.3	2827.0	1821.2	1294.0	934.3	748.7	627.1	534.2	461.6
-5°	11053.2	7149.3	4510.9	2807.1	1810.2	1293.6	948.4	754.2	630.8	535.5	460.6
-7.5°	10250.0	6682.8	4240.1	2679.9	1757.8	1273.0	958.5	761.3	634.2	539.4	464.2
-10°	9028.6	5934.6	3819.1	2466.6	1670.5	1233.4	949.2	757.4	632.0	538.7	465.0
-12.5°	7799.7	5096.4	3273.8	2167.7	1527.9	1160.3	913.5	741.9	624.1	533.2	462.8
-15°	6239.2	4265.6	2869.5	1962.7	1399.4	1081.4	868.3	717.6	610.7	523.3	457.6
-17.5°	5011.3	3460.4	2350.3	1683.3	1275.5	1012.2	833.2	697.9	594.9	513.3	450.5
-20°	3855.0	2725.5	1990.0	1481.1	1148.1	927.1	785.5	668.9	576.8	502.8	443.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	2905.2	2207.3	1651.7	1273.0	1029.3	861.2	737.9	636.6	554.8	487.8	435.0
-25°	2257.3	1760.6	1381.4	1124.5	924.6	788.6	693.6	611.0	537.4	473.0	424.4
-27.5°	1785.2	1429.5	1185.6	986.3	839.7	739.3	657.8	584.4	518.6	461.8	413.7
-30°	1445.6	1214.7	1026.7	877.3	772.8	688.8	623.2	561.8	501.0	447.5	402.2
-32.5°	1184.2	1042.3	901.0	793.8	707.0	642.7	589.2	537.4	479.6	432.7	390.2
-35°	1013.9	910.8	810.4	724.9	651.7	602.7	555.2	506.7	459.6	416.1	376.4
-37.5°	895.5	811.2	735.6	666.8	612.3	566.2	524.4	481.7	438.9	398.9	362.3
-40°	803.1	731.6	672.0	619.5	575.9	536.5	498.5	459.0	421.0	380.9	347.0
-42.5°	727.7	671.3	619.7	579.4	542.4	508.7	475.3	440.9	403.6	365.6	329.9
-45°	665.5	621.1	577.9	542.3	510.7	482.3	456.7	422.3	385.8	347.9	311.6
-47.5°	613.4	576.7	540.7	507.4	481.3	456.8	432.1	401.8	363.5	327.6	296.8
-50°	567.1	537.5	507.0	476.4	453.5	431.1	405.0	373.3	340.2	310.8	281.7
-52.5°	529.8	503.1	476.5	450.9	428.5	404.9	377.0	349.6	321.4	293.7	267.0
-55°	492.1	470.4	449.1	427.9	406.9	382.5	356.8	329.5	302.0	276.1	248.7
-57.5°	462.4	442.5	423.3	404.2	385.2	361.2	335.0	308.4	279.9	253.7	228.0
-60°	430.9	413.6	394.6	376.0	358.1	336.8	308.4	281.0	254.6	229.8	205.1
-62.5°	391.7	374.8	358.3	340.3	321.6	300.5	274.6	249.3	226.5	205.0	182.7
-65°	346.7	331.1	315.2	297.5	277.8	256.1	234.0	215.5	197.9	179.6	160.0
-67.5°	300.5	286.5	270.1	252.3	235.4	217.9	202.1	186.2	169.8	153.0	135.3
-70°	258.8	247.6	234.3	218.8	202.7	186.3	171.2	156.5	141.2	127.1	113.6
-72.5°	218.9	208.6	196.5	182.4	168.2	154.5	141.7	129.7	117.8	106.2	94.1
-75°	178.3	169.7	160.1	148.7	137.1	125.6	115.1	105.4	95.4	85.1	74.9
-77.5°	140.5	134.2	127.3	118.3	109.3	100.3	91.4	82.6	74.3	66.6	59.4
-80°	106.3	101.5	96.3	89.1	81.9	74.7	67.7	61.7	56.0	50.9	45.8
-82.5°	74.0	70.2	66.3	61.3	56.2	51.1	46.3	42.6	39.0	35.5	32.2
-85°	44.4	42.4	40.2	37.3	34.6	31.9	29.5	27.5	25.4	23.3	21.2
-87.5°	21.1	19.6	18.1	17.7	17.3	16.9	16.4	14.9	13.4	12.0	10.6
-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: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.2	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	1.1	0.3
70°	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.7	1.9	2.1	1.5
67.5°	0.0	0.0	0.0	1.1	1.7	1.4	0.3	0.8	2.0	3.2	2.8
65°	1.7	1.2	0.1	1.3	2.5	3.2	2.4	1.5	2.2	3.4	4.2
62.5°	2.9	3.8	2.8	2.1	2.8	3.9	4.6	3.1	2.6	3.6	4.7
60°	3.3	4.5	5.1	4.0	3.5	4.2	5.0	4.6	3.6	3.8	4.9
57.5°	8.8	5.7	5.7	5.4	4.5	4.6	5.0	5.0	4.5	4.2	5.0
55°	16.3	12.0	8.4	6.8	5.7	4.9	5.1	5.0	5.0	4.6	5.0
52.5°	28.4	20.6	15.1	10.2	7.6	5.7	5.7	5.0	5.0	4.9	5.0
50°	45.3	32.5	23.8	17.2	10.7	8.3	6.5	5.8	5.0	5.0	5.0
47.5°	66.2	48.6	34.8	25.1	17.6	11.3	8.9	6.9	5.0	5.0	5.0
45°	81.7	67.9	48.5	35.1	24.7	17.0	12.0	8.2	6.2	5.2	5.0
42.5°	96.9	84.4	66.0	44.9	34.0	23.5	15.3	11.1	7.6	5.5	5.2
40°	116.4	100.7	82.8	61.3	44.2	29.8	20.8	14.2	9.2	6.4	5.6
37.5°	136.5	118.9	99.3	77.1	55.7	39.6	26.4	17.6	11.5	8.1	6.1
35°	159.0	137.9	115.7	92.1	69.4	49.6	31.7	21.6	14.7	10.0	6.7
32.5°	181.8	156.1	131.0	106.7	82.2	60.0	39.3	26.7	17.8	11.9	7.4
30°	203.8	174.2	145.1	120.6	94.3	70.9	48.8	32.4	20.7	13.9	8.3
27.5°	223.9	191.9	158.7	133.0	106.5	81.2	58.4	38.4	23.5	16.1	9.9
25°	244.8	209.9	174.3	144.1	118.0	91.5	67.3	44.9	27.7	18.5	11.5
22.5°	268.7	228.0	189.4	154.1	130.0	101.6	75.8	52.6	32.8	20.8	13.2
20°	294.3	246.0	204.5	168.3	141.3	112.0	84.2	59.6	37.9	22.9	14.8
17.5°	320.5	265.7	222.7	184.5	152.5	121.7	92.2	66.1	43.0	24.9	16.3
15°	338.3	285.4	239.1	199.7	163.7	130.7	99.8	71.9	48.1	26.8	17.9
12.5°	353.2	302.4	253.5	213.7	174.7	138.9	106.9	77.2	53.1	29.3	19.4
10°	366.4	316.8	266.2	226.5	185.4	146.3	113.4	81.8	57.7	32.5	20.8
7.5°	377.8	328.6	277.0	238.1	195.6	153.8	118.8	85.9	61.6	35.8	22.0
5°	387.3	338.7	286.1	245.7	205.0	161.6	123.3	89.4	65.0	39.0	23.2
2.5°	394.9	348.0	293.8	251.1	213.2	168.9	127.1	92.5	67.8	42.1	24.1
0°	400.4	355.3	300.3	255.2	220.2	175.2	130.1	95.1	70.1	45.0	25.0
-2.5°	404.0	356.5	307.2	259.9	224.4	180.4	136.2	98.3	72.0	47.6	26.5
-5°	405.6	356.4	312.3	263.5	227.4	184.6	141.3	101.0	73.4	49.8	27.9
-7.5°	407.8	358.0	315.1	266.4	229.4	187.8	145.2	102.9	74.5	51.6	29.1
-10°	408.7	359.7	315.8	269.9	231.1	190.1	147.7	104.2	75.3	52.9	30.2
-12.5°	407.5	359.6	315.6	271.9	231.9	191.5	149.1	106.1	76.1	53.7	31.1
-15°	404.3	357.5	314.9	272.1	231.8	192.0	149.5	107.9	77.6	53.9	31.9
-17.5°	399.3	353.3	313.7	270.5	230.8	191.7	149.0	108.8	78.4	53.6	32.6
-20°	394.3	349.5	312.1	266.8	229.1	190.7	147.7	108.6	78.3	52.8	33.3

Classified

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Scaled Data Report



REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	387.8	346.0	306.5	263.2	226.6	188.9	145.7	107.3	77.5	51.6	33.7
-25°	379.6	340.6	300.2	260.4	223.5	185.4	143.2	105.0	75.6	50.0	33.9
-27.5°	371.4	333.2	293.5	256.5	219.1	181.1	140.0	102.8	73.1	48.0	33.8
-30°	361.9	325.0	287.6	251.2	213.0	174.9	135.4	99.3	70.4	47.0	33.4
-32.5°	351.4	316.7	281.1	243.1	205.4	168.2	129.6	94.6	67.3	46.4	33.0
-35°	340.9	307.5	273.1	233.1	197.1	160.8	123.6	88.6	63.7	45.4	32.5
-37.5°	328.5	296.0	260.2	222.3	188.4	152.9	118.1	85.2	59.7	44.1	31.9
-40°	314.4	281.9	245.4	212.2	179.1	144.5	112.1	82.0	57.1	42.4	31.2
-42.5°	298.7	266.2	233.6	201.9	169.4	137.4	105.9	78.2	56.0	41.1	30.3
-45°	282.4	251.9	222.5	191.2	159.7	130.0	100.7	73.9	54.2	39.8	29.4
-47.5°	267.2	239.9	210.4	179.7	151.2	122.4	94.7	71.0	51.9	38.5	28.4
-50°	254.4	226.7	197.2	168.1	141.2	114.6	88.4	67.4	49.9	37.0	27.1
-52.5°	239.6	211.6	182.8	155.3	130.6	106.0	83.0	62.9	47.1	35.2	25.7
-55°	222.1	194.3	166.7	142.6	119.5	97.7	76.7	58.4	43.6	33.1	24.0
-57.5°	201.5	174.6	151.9	130.0	108.3	88.6	69.7	52.9	40.4	30.7	22.0
-60°	180.5	158.6	137.9	116.5	96.6	78.6	61.7	47.4	37.2	28.1	19.9
-62.5°	161.7	141.7	121.4	101.8	84.3	68.1	53.4	43.1	33.7	25.2	17.6
-65°	140.7	121.8	103.5	87.4	71.9	58.3	48.0	38.5	29.8	22.0	15.5
-67.5°	118.0	102.9	87.6	73.0	61.5	51.4	42.1	33.5	25.7	18.7	14.2
-70°	99.7	85.6	73.1	62.6	53.1	44.2	35.9	28.3	21.4	16.7	12.8
-72.5°	82.3	71.4	61.5	52.6	44.3	36.6	29.4	23.2	18.6	14.6	11.3
-75°	65.6	57.7	49.8	42.2	35.2	28.9	24.1	19.5	15.7	12.4	9.9
-77.5°	52.5	45.5	38.3	32.9	28.6	24.3	19.9	15.7	13.0	10.8	8.5
-80°	40.4	35.5	31.2	27.5	23.5	19.6	16.2	13.2	11.2	9.2	7.1
-82.5°	29.0	26.5	24.2	22.0	18.9	16.1	13.5	11.2	9.4	7.5	5.6
-85°	19.8	18.5	17.4	16.4	14.3	12.4	10.3	8.4	6.7	5.1	3.7
-87.5°	10.1	9.6	9.1	8.6	7.4	6.2	5.2	4.2	3.3	2.6	1.9
-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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REPORT NUMBER: P627278 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	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°	1.8	1.5	1.5	0.6	0.3	1.0	0.0
65°	2.9	2.1	2.0	1.1	0.4	1.2	0.0
62.5°	3.9	2.8	2.6	1.6	0.5	1.3	0.0
60°	4.9	3.5	3.1	2.1	0.7	1.4	0.0
57.5°	5.0	4.1	3.5	2.6	1.1	1.6	0.0
55°	5.0	4.6	3.9	3.2	1.5	1.7	0.0
52.5°	5.0	5.0	4.2	3.7	1.9	1.8	0.0
50°	5.0	5.0	4.4	4.3	2.3	2.0	0.0
47.5°	5.0	5.0	4.6	4.7	2.6	2.1	0.0
45°	5.0	5.0	4.8	4.9	2.9	2.3	0.0
42.5°	5.0	5.0	4.9	5.0	3.2	2.4	0.0
40°	5.0	5.0	5.0	5.0	3.5	2.6	0.0
37.5°	5.0	5.0	5.0	5.0	3.7	2.8	0.0
35°	5.0	5.0	5.0	5.0	4.0	2.9	0.0
32.5°	5.1	5.0	5.0	5.0	4.2	3.1	0.0
30°	5.7	5.0	5.0	5.0	4.3	3.2	0.0
27.5°	6.2	5.0	5.0	5.0	4.5	3.4	0.0
25°	6.8	5.0	5.0	5.0	4.6	3.6	0.0
22.5°	7.4	5.1	5.0	5.0	4.7	3.7	0.0
20°	8.1	5.5	5.0	5.0	4.8	3.9	0.0
17.5°	9.0	5.9	5.0	5.0	4.9	4.1	0.0
15°	10.0	6.4	5.0	5.0	4.9	4.2	0.0
12.5°	11.0	7.0	5.0	5.0	4.9	4.4	0.0
10°	11.9	7.6	5.0	5.0	5.0	4.5	0.0
7.5°	12.7	8.2	5.0	5.0	5.0	4.6	0.0
5°	13.5	8.8	5.0	5.0	5.0	4.8	0.0
2.5°	14.3	9.4	5.0	5.0	5.0	4.9	0.0
0°	15.0	10.0	5.0	5.0	5.0	5.0	0.0
-2.5°	16.3	10.5	5.4	5.0	5.0	5.0	0.0
-5°	17.5	11.0	5.9	5.0	5.0	5.0	0.0
-7.5°	18.6	11.4	6.3	5.0	5.0	5.0	0.0
-10°	19.6	11.8	6.6	5.0	5.0	4.9	0.0
-12.5°	20.4	12.1	7.0	5.0	5.0	4.9	0.0
-15°	21.1	12.4	7.3	5.0	5.0	4.8	0.0
-17.5°	21.5	12.6	7.5	5.0	5.0	4.8	0.0
-20°	21.8	12.8	7.6	5.0	5.0	4.7	0.0

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CATALOG NUMBER: GFLD-SA3E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.0	12.9	7.7	5.0	5.0	4.6	0.0
-25°	22.2	13.2	7.7	5.0	5.0	4.5	0.0
-27.5°	22.2	13.6	7.5	5.0	5.0	4.4	0.0
-30°	22.1	13.8	7.3	5.0	5.0	4.3	0.0
-32.5°	21.8	13.9	7.3	5.0	5.0	4.2	0.0
-35°	21.8	13.9	7.2	5.0	5.0	4.1	0.0
-37.5°	21.7	13.7	7.1	5.0	5.0	4.0	0.0
-40°	21.4	13.5	6.8	5.0	5.0	3.8	0.0
-42.5°	20.9	13.1	6.7	5.0	5.0	3.7	0.0
-45°	20.3	12.5	6.9	5.2	5.0	3.5	0.0
-47.5°	19.5	11.9	7.0	5.3	5.0	3.4	0.0
-50°	18.5	11.1	7.1	5.4	5.0	3.2	0.0
-52.5°	17.3	10.2	7.1	5.4	5.0	3.0	0.0
-55°	16.0	9.9	7.1	5.4	5.0	2.9	0.0
-57.5°	14.5	9.7	7.0	5.4	5.0	2.7	0.0
-60°	13.0	9.4	6.8	5.4	5.0	2.5	0.0
-62.5°	12.3	9.0	6.6	5.3	4.6	2.3	0.0
-65°	11.5	8.5	6.4	5.2	4.2	2.1	0.0
-67.5°	10.7	8.0	6.1	5.1	3.8	1.9	0.0
-70°	9.7	7.4	5.8	5.0	3.4	1.7	0.0
-72.5°	8.7	6.7	5.4	4.5	3.0	1.5	0.0
-75°	7.6	6.0	5.1	3.9	2.6	1.3	0.0
-77.5°	6.4	5.3	4.3	3.2	2.2	1.1	0.0
-80°	5.1	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)