

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: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627568 (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-SA5B-730-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

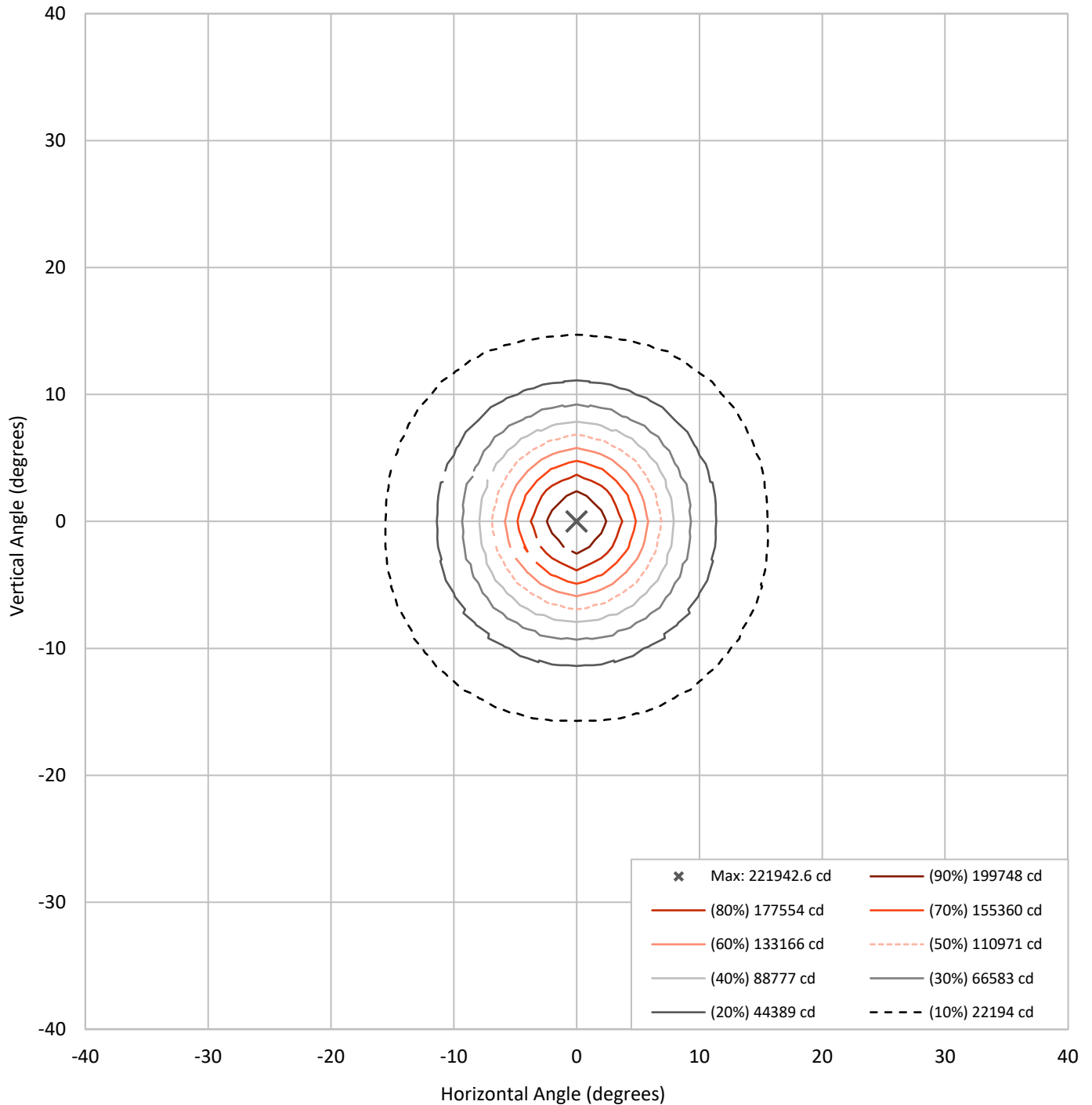
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	21895.1 lumens	Max Intensity:	221942.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	6989.9 lumens	Field Lumens:	15568.8 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





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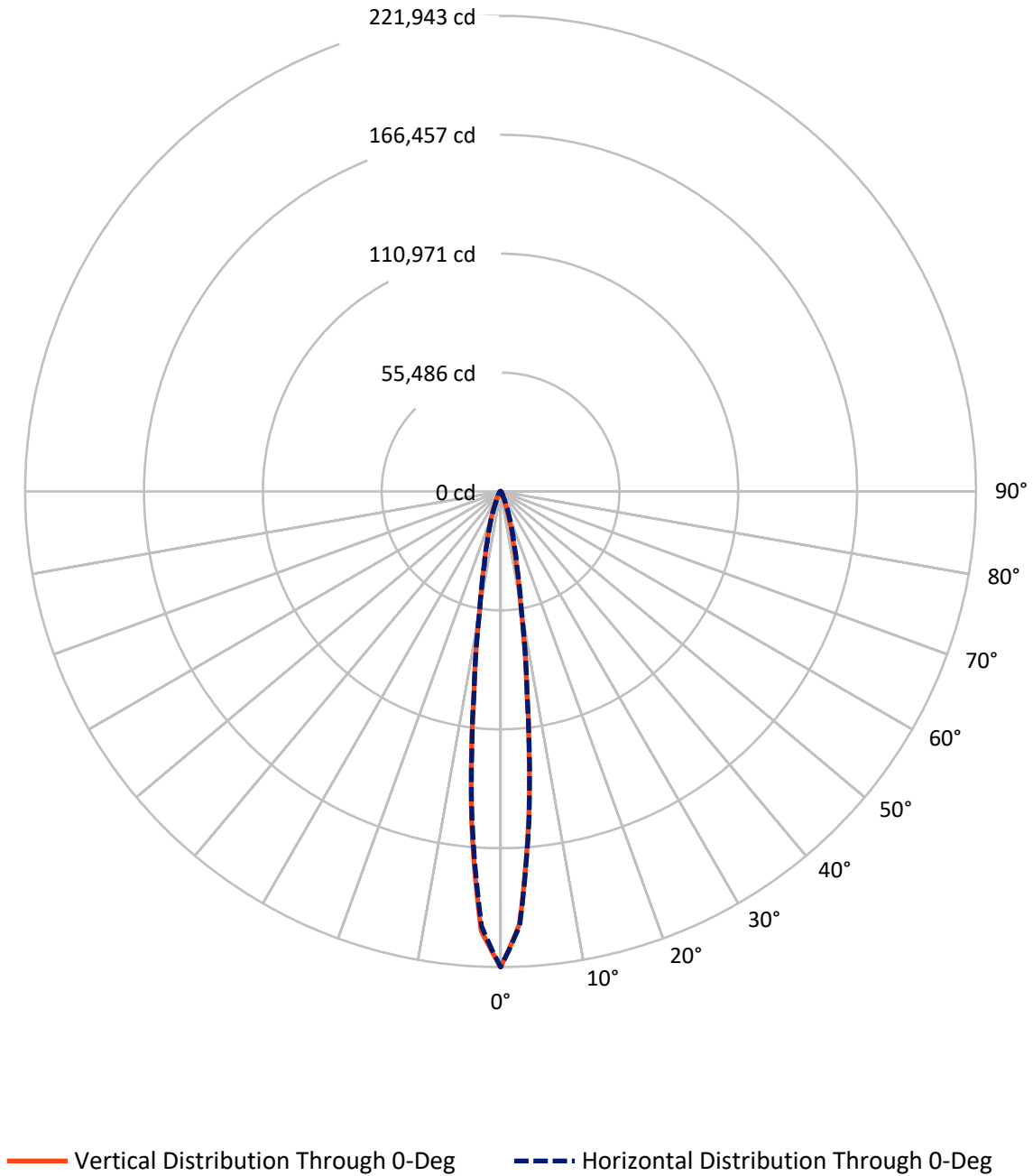
CATALOG NUMBER: GFLD-SA5B-730-U-NR-VSR-XX

### 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	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.1	0.5	1.2	1.9	2.6	3.1	3.1	2.6	1.9	1.2	0.5	0.1	0.1				
50	0.1	0.1	0.7	1.9	3.6	5.3	7.4	8.7	8.7	7.4	5.3	3.6	1.9	0.7	0.1	0.1			
40		0.3	1.5	3.7	6.6	10.5	17.8	22.7	22.7	17.8	10.5	6.6	3.7	1.5	0.3				
30	0.2	0.6	2.4	5.6	10.3	22.3	59.5	98.5	98.5	59.5	22.3	10.3	5.6	2.4	0.6	0.2			
20		0.9	3.4	7.8	16.9	66.6	280.7	616.9	616.9	280.7	66.6	16.9	7.8	3.4	0.9				
10	0.3	1.2	4.1	9.2	23.0	125.0	672.5	3016.2	3016.2	672.5	125.0	23.0	9.2	4.1	1.2	0.3			
0		1.3	4.4	9.7	24.7	133.2	696.1	3067.4	3067.4	696.1	133.2	24.7	9.7	4.4	1.3				
-10	0.4	1.4	4.5	9.5	21.7	84.7	337.9	722.8	722.8	337.9	84.7	21.7	9.5	4.5	1.4	0.4			
-20		1.4	4.3	8.7	16.7	39.6	104.1	173.5	173.5	104.1	39.6	16.7	8.7	4.3	1.4				
-30	0.4	1.2	3.9	7.7	13.1	21.7	35.4	45.0	45.0	35.4	21.7	13.1	7.7	3.9	1.2	0.4			
-40		1.0	3.2	6.4	10.6	15.2	20.4	22.8	22.8	20.4	15.2	10.6	6.4	3.2	1.0				
-50	0.3	0.8	2.4	5.0	8.3	11.7	14.7	16.1	16.1	14.7	11.7	8.3	5.0	2.4	0.8	0.3			
-60		0.5	1.5	3.2	5.6	8.1	10.3	11.3	11.3	10.3	8.1	5.6	3.2	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			
-80		1.3	5.5	12.1	15.3	12.1	5.5	1.3	0.1										
-90	0.1	1.3	5.5	12.1	15.3	12.1	5.5	1.3	0.1	1.3	5.5	12.1	15.3	12.1	5.5	1.3	0.1		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

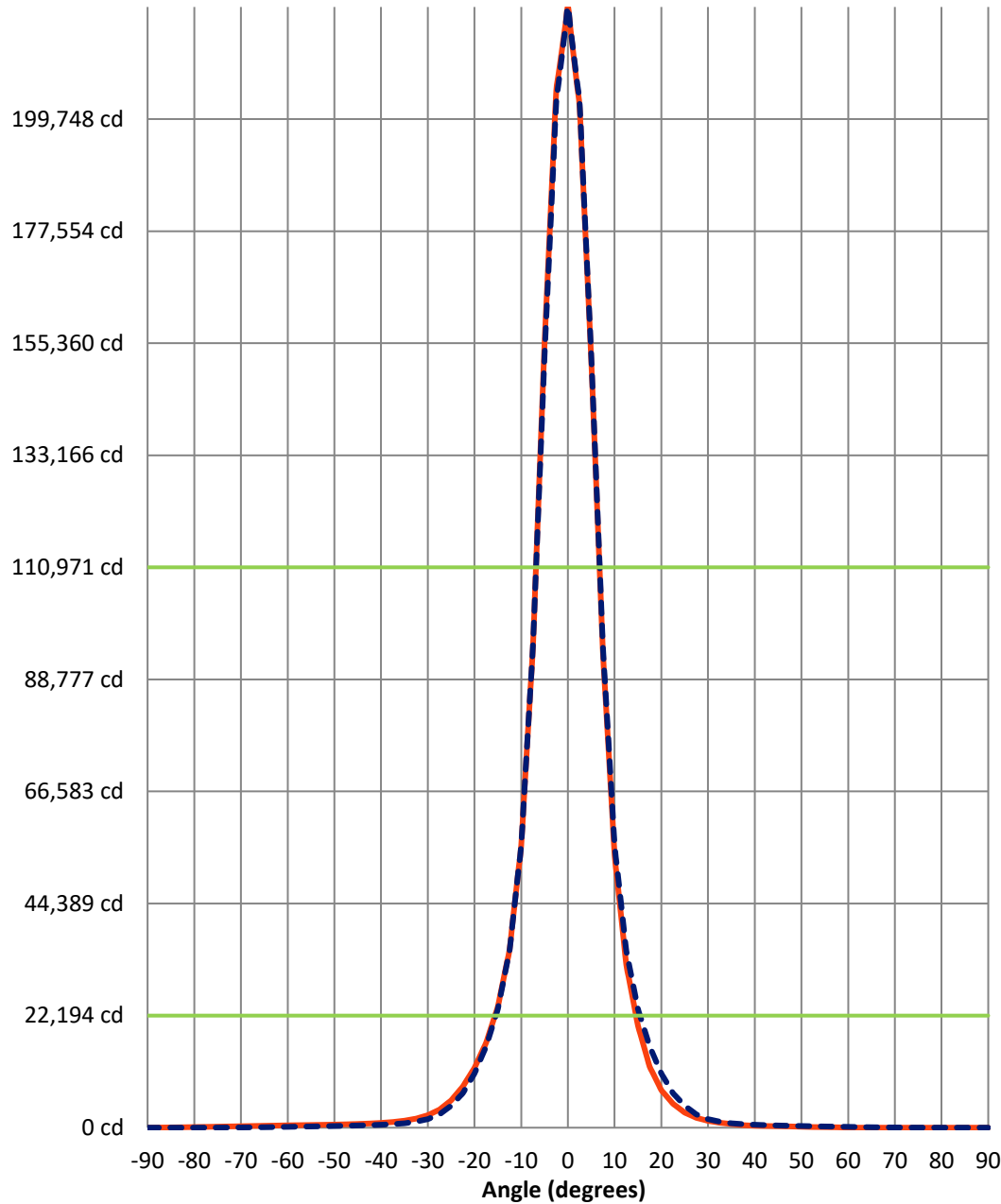
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CATALOG NUMBER: GFLD-SA5B-730-U-NR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 6989.9  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 15568.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 6326.3  
 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	0.5	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	0.7	0.1	0.0	0.5	0.7	0.2	0.3	1.0	1.0	0.4
70°	0.0	0.9	0.2	0.1	1.0	1.1	0.5	1.4	2.0	1.8	0.6
67.5°	0.0	1.0	0.3	0.6	1.4	1.4	1.7	2.6	3.0	1.9	0.8
65°	0.0	1.1	0.4	1.0	1.9	2.0	2.7	3.9	3.2	2.1	1.4
62.5°	0.0	1.2	0.5	1.5	2.4	2.7	3.7	4.4	3.3	2.4	2.9
60°	0.0	1.3	0.6	2.0	2.9	3.3	4.6	4.6	3.5	3.4	4.3
57.5°	0.0	1.5	1.0	2.5	3.3	3.8	4.7	4.7	4.0	4.2	4.7
55°	0.0	1.6	1.4	3.0	3.6	4.3	4.7	4.7	4.3	4.7	4.7
52.5°	0.0	1.7	1.8	3.5	3.9	4.7	4.7	4.7	4.6	4.7	4.7
50°	0.0	1.9	2.1	4.0	4.1	4.7	4.7	4.7	4.7	4.7	5.5
47.5°	0.0	2.0	2.4	4.5	4.4	4.7	4.7	4.7	4.7	4.7	6.5
45°	0.0	2.1	2.7	4.6	4.5	4.7	4.7	4.7	4.9	5.8	7.7
42.5°	0.0	2.3	3.0	4.7	4.7	4.7	4.7	4.9	5.2	7.1	10.4
40°	0.0	2.4	3.3	4.7	4.7	4.7	4.7	5.2	6.0	8.6	13.4
37.5°	0.0	2.6	3.5	4.7	4.7	4.7	4.7	5.7	7.6	10.9	16.5
35°	0.0	2.7	3.7	4.7	4.7	4.7	4.7	6.3	9.4	13.8	20.3
32.5°	0.0	2.9	3.9	4.7	4.7	4.7	4.8	6.9	11.2	16.7	25.1
30°	0.0	3.1	4.1	4.7	4.7	4.7	5.3	7.8	13.1	19.5	30.4
27.5°	0.0	3.2	4.2	4.7	4.7	4.7	5.9	9.3	15.1	22.1	36.1
25°	0.0	3.4	4.3	4.7	4.7	4.7	6.4	10.9	17.4	26.1	42.2
22.5°	0.0	3.5	4.4	4.7	4.7	4.8	7.0	12.4	19.5	30.8	49.4
20°	0.0	3.7	4.5	4.7	4.7	5.1	7.6	13.9	21.5	35.6	56.0
17.5°	0.0	3.8	4.6	4.7	4.7	5.6	8.4	15.3	23.4	40.4	62.0
15°	0.0	4.0	4.6	4.7	4.7	6.0	9.4	16.8	25.2	45.2	67.5
12.5°	0.0	4.1	4.7	4.7	4.7	6.6	10.3	18.2	27.6	49.8	72.4
10°	0.0	4.2	4.7	4.7	4.7	7.1	11.2	19.5	30.6	54.1	76.8
7.5°	0.0	4.4	4.7	4.7	4.7	7.7	12.0	20.7	33.7	57.8	80.6
5°	0.0	4.5	4.7	4.7	4.7	8.3	12.7	21.8	36.7	61.0	84.0
2.5°	0.0	4.6	4.7	4.7	4.7	8.9	13.4	22.7	39.6	63.6	86.9
0°	0.0	4.7	4.7	4.7	4.7	9.4	14.1	23.5	42.3	65.8	89.3
-2.5°	0.0	4.7	4.7	4.7	5.1	9.9	15.3	24.9	44.7	67.5	92.3
-5°	0.0	4.7	4.7	4.7	5.5	10.3	16.5	26.2	46.8	68.9	94.8
-7.5°	0.0	4.7	4.7	4.7	5.9	10.8	17.5	27.3	48.4	69.9	96.7
-10°	0.0	4.6	4.7	4.7	6.2	11.1	18.4	28.4	49.7	70.7	97.8
-12.5°	0.0	4.6	4.7	4.7	6.6	11.4	19.2	29.2	50.5	71.4	99.7
-15°	0.0	4.5	4.7	4.7	6.8	11.7	19.8	30.0	50.6	72.8	101.4
-17.5°	0.0	4.5	4.7	4.7	7.0	11.9	20.2	30.7	50.3	73.6	102.1
-20°	0.0	4.4	4.7	4.7	7.2	12.0	20.5	31.3	49.5	73.5	101.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5B-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	4.3	4.7	4.7	7.2	12.1	20.7	31.7	48.4	72.7	100.8
-25°	0.0	4.3	4.7	4.7	7.2	12.5	20.9	31.8	46.9	71.0	98.5
-27.5°	0.0	4.2	4.7	4.7	7.1	12.8	20.9	31.7	45.1	68.6	96.4
-30°	0.0	4.1	4.7	4.7	6.9	13.0	20.7	31.4	44.1	66.1	93.2
-32.5°	0.0	4.0	4.7	4.7	6.9	13.1	20.5	31.0	43.6	63.1	88.8
-35°	0.0	3.8	4.7	4.7	6.8	13.1	20.5	30.6	42.7	59.8	83.2
-37.5°	0.0	3.7	4.7	4.7	6.6	12.9	20.4	30.0	41.4	56.0	80.0
-40°	0.0	3.6	4.7	4.7	6.4	12.7	20.1	29.3	39.9	53.6	77.0
-42.5°	0.0	3.5	4.7	4.7	6.3	12.3	19.7	28.5	38.6	52.5	73.4
-45°	0.0	3.3	4.7	4.9	6.5	11.8	19.1	27.6	37.5	51.0	69.4
-47.5°	0.0	3.2	4.7	5.0	6.6	11.2	18.3	26.7	36.2	48.7	66.7
-50°	0.0	3.0	4.7	5.0	6.7	10.4	17.4	25.5	34.8	46.9	63.3
-52.5°	0.0	2.9	4.7	5.1	6.7	9.6	16.3	24.1	33.1	44.3	59.1
-55°	0.0	2.7	4.7	5.1	6.6	9.3	15.0	22.5	31.1	41.0	54.8
-57.5°	0.0	2.5	4.7	5.1	6.6	9.1	13.6	20.7	28.9	38.0	49.7
-60°	0.0	2.3	4.7	5.1	6.4	8.8	12.2	18.7	26.4	35.0	44.5
-62.5°	0.0	2.2	4.3	5.0	6.2	8.4	11.6	16.6	23.6	31.6	40.5
-65°	0.0	2.0	4.0	4.9	6.0	8.0	10.8	14.6	20.7	28.0	36.2
-67.5°	0.0	1.8	3.6	4.8	5.7	7.5	10.0	13.4	17.6	24.2	31.5
-70°	0.0	1.6	3.2	4.7	5.4	6.9	9.1	12.1	15.7	20.1	26.6
-72.5°	0.0	1.4	2.8	4.2	5.1	6.3	8.1	10.6	13.7	17.5	21.8
-75°	0.0	1.2	2.4	3.6	4.8	5.6	7.1	9.3	11.7	14.8	18.4
-77.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.1	12.2	14.8
-80°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	6.7	8.6	10.5	12.5
-82.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	5.2	7.1	8.8	10.6
-85°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.5	4.8	6.3	7.9
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.8	2.4	3.1	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.3	1.6	1.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.3	3.1	2.3	1.2	0.1	1.1	1.6	1.3	0.1	0.0	0.0
62.5°	4.4	3.7	2.6	1.9	2.7	3.6	2.8	1.6	0.4	2.3	3.3
60°	4.7	4.0	3.3	3.7	4.8	4.2	3.1	4.6	6.9	8.7	10.5
57.5°	4.7	4.4	4.3	5.1	5.3	5.3	8.3	11.0	15.6	19.4	22.0
55°	4.8	4.7	5.3	6.4	7.9	11.2	15.4	21.6	26.7	34.4	41.0
52.5°	5.3	5.3	7.2	9.6	14.2	19.4	26.7	35.6	45.6	53.2	61.2
50°	6.1	7.8	10.0	16.1	22.4	30.6	42.5	55.5	64.0	72.5	83.9
47.5°	8.4	10.6	16.5	23.6	32.7	45.7	62.2	71.5	79.9	93.2	107.4
45°	11.3	16.0	23.2	33.0	45.6	63.7	76.7	84.4	98.8	114.2	130.5
42.5°	14.4	22.1	31.9	42.2	62.0	79.3	91.0	103.1	117.7	135.7	153.4
40°	19.5	28.1	41.5	57.6	77.7	94.5	109.3	123.1	137.5	161.1	179.9
37.5°	24.8	37.2	52.3	72.4	93.2	111.6	128.1	145.5	166.1	192.7	209.6
35°	29.8	46.6	65.2	86.5	108.6	129.4	149.2	169.6	196.3	221.5	241.6
32.5°	36.9	56.3	77.2	100.1	123.0	146.6	170.6	195.0	221.2	247.0	273.4
30°	45.9	66.6	88.6	113.2	136.2	163.5	191.3	217.2	243.6	270.7	300.5
27.5°	54.8	76.2	100.0	124.9	149.0	180.1	210.1	237.1	264.2	293.4	327.4
25°	63.2	85.9	110.7	135.3	163.6	197.0	229.9	261.1	284.0	317.2	357.0
22.5°	71.1	95.4	122.0	144.7	177.7	214.0	252.3	285.8	313.0	342.6	387.8
20°	79.0	105.1	132.6	158.0	191.9	230.9	276.3	310.9	344.5	382.8	428.9
17.5°	86.6	114.2	143.1	173.2	209.0	249.4	300.9	336.1	376.3	422.2	480.2
15°	93.7	122.6	153.6	187.4	224.4	268.0	317.6	361.5	409.7	462.6	531.2
12.5°	100.3	130.3	164.0	200.6	238.0	283.9	331.6	378.3	433.7	502.9	589.2
10°	106.4	137.3	174.0	212.7	249.8	297.4	343.9	392.6	451.0	527.0	625.9
7.5°	111.4	144.3	183.6	223.6	260.0	308.5	354.6	404.3	465.5	547.0	650.5
5°	115.7	151.7	192.4	230.6	268.5	318.0	363.5	413.7	477.0	562.5	668.1
2.5°	119.3	158.5	200.1	235.8	275.8	326.7	370.6	424.0	488.7	574.6	684.6
0°	122.1	164.4	206.7	239.6	281.9	333.5	375.8	432.2	498.0	582.5	700.0
-2.5°	127.8	169.3	210.6	244.0	288.4	334.6	379.2	433.4	501.5	588.6	702.9
-5°	132.6	173.2	213.5	247.4	293.2	334.5	380.7	432.4	502.7	592.1	708.0
-7.5°	136.3	176.3	215.4	250.1	295.8	336.1	382.8	435.7	506.3	595.3	714.6
-10°	138.7	178.5	216.9	253.4	296.5	337.7	383.6	436.5	505.7	593.3	711.0
-12.5°	139.9	179.7	217.7	255.3	296.3	337.5	382.5	434.4	500.5	585.8	696.4
-15°	140.3	180.2	217.6	255.5	295.6	335.5	379.5	429.5	491.2	573.2	673.7
-17.5°	139.9	180.0	216.7	253.9	294.5	331.6	374.8	422.9	481.8	558.5	655.1
-20°	138.7	179.0	215.1	250.5	293.0	328.1	370.1	416.5	472.0	541.5	627.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	136.8	177.3	212.7	247.1	287.7	324.7	364.0	408.3	458.0	520.8	597.6
-25°	134.5	174.0	209.8	244.5	281.8	319.7	356.3	398.4	444.0	504.5	573.5
-27.5°	131.4	169.9	205.7	240.8	275.5	312.8	348.6	388.3	433.6	486.8	548.6
-30°	127.1	164.2	199.9	235.8	270.0	305.1	339.6	377.5	420.1	470.4	527.4
-32.5°	121.6	157.8	192.8	228.2	263.9	297.3	329.8	366.2	406.2	450.3	504.5
-35°	116.0	150.9	185.0	218.8	256.4	288.6	320.0	353.3	390.5	431.5	475.7
-37.5°	110.8	143.5	176.8	208.7	244.3	277.9	308.4	340.0	374.4	412.0	452.2
-40°	105.2	135.7	168.1	199.2	230.4	264.7	295.1	325.7	357.5	395.1	430.9
-42.5°	99.4	129.0	159.0	189.5	219.3	249.9	280.4	309.7	343.1	378.8	413.9
-45°	94.6	122.0	149.9	179.5	208.8	236.5	265.1	292.5	326.5	362.2	396.4
-47.5°	88.9	114.9	141.9	168.7	197.5	225.2	250.9	278.6	307.6	341.2	377.1
-50°	83.0	107.6	132.5	157.8	185.1	212.8	238.8	264.5	291.8	319.4	350.4
-52.5°	78.0	99.5	122.6	145.7	171.6	198.6	225.0	250.6	275.8	301.8	328.2
-55°	72.0	91.8	112.2	133.8	156.4	182.3	208.5	233.5	259.2	283.5	309.4
-57.5°	65.4	83.2	101.7	122.0	142.6	163.9	189.2	214.1	238.2	262.8	289.5
-60°	57.9	73.8	90.7	109.4	129.4	148.9	169.4	192.5	215.8	239.0	263.7
-62.5°	50.2	64.0	79.2	95.6	113.9	133.0	151.8	171.4	192.4	212.6	234.1
-65°	45.1	54.8	67.6	82.1	97.2	114.3	132.0	150.1	168.6	185.8	202.3
-67.5°	39.6	48.3	57.8	68.5	82.2	96.6	110.8	127.0	143.5	159.4	174.7
-70°	33.8	41.5	49.9	58.8	68.6	80.4	93.6	106.6	119.3	132.5	146.8
-72.5°	27.7	34.4	41.7	49.4	57.8	67.1	77.3	88.4	99.7	110.6	121.7
-75°	22.7	27.2	33.1	39.6	46.8	54.2	61.6	70.3	79.9	89.5	98.9
-77.5°	18.7	22.8	26.9	30.9	36.0	42.7	49.3	55.8	62.5	69.8	77.5
-80°	15.2	18.4	22.1	25.8	29.3	33.4	38.0	43.1	47.8	52.6	57.9
-82.5°	12.7	15.1	17.8	20.7	22.7	24.9	27.3	30.3	33.4	36.7	40.0
-85°	9.7	11.7	13.5	15.4	16.4	17.4	18.6	19.9	21.9	23.9	25.8
-87.5°	4.9	5.9	6.9	8.1	8.6	9.1	9.5	10.0	11.3	12.6	14.0
-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: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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	3.6	4.9	5.4	5.2	4.8	4.3	3.6	3.4	3.8
60°	11.3	11.1	15.4	17.5	15.9	11.2	17.7	20.9	20.1	17.2	17.1
57.5°	27.6	33.5	37.8	39.7	45.9	56.0	57.9	54.6	53.4	54.5	62.9
55°	47.8	52.6	55.1	63.6	71.2	76.7	79.9	83.1	87.9	93.8	99.9
52.5°	67.6	74.2	79.2	86.9	95.9	99.0	98.2	109.8	118.8	124.6	127.0
50°	92.8	101.0	112.7	124.6	129.8	134.9	140.2	149.7	163.7	181.0	190.9
47.5°	119.9	132.9	145.1	158.8	165.7	171.1	179.1	195.7	215.5	234.2	243.9
45°	144.4	155.9	170.0	181.8	190.3	200.7	212.3	227.3	249.4	268.9	282.4
42.5°	164.1	177.1	191.5	205.8	214.4	228.5	246.0	266.5	289.6	309.9	324.8
40°	191.7	202.7	225.7	239.2	242.6	255.7	290.8	318.7	344.9	369.9	382.3
37.5°	225.0	246.4	270.3	282.6	294.7	317.7	364.8	409.9	443.3	477.1	495.5
35°	262.8	291.0	323.5	338.0	364.0	414.3	469.5	532.3	610.4	643.1	672.9
32.5°	299.6	331.1	361.1	393.7	439.1	499.2	561.4	663.2	758.2	831.8	885.5
30°	332.2	365.6	402.8	444.8	508.7	591.6	695.6	827.2	961.1	1078.1	1176.9
27.5°	364.4	402.4	446.7	509.3	599.3	711.9	877.8	1065.6	1289.2	1453.9	1650.6
25°	399.8	443.2	500.1	590.8	712.3	880.5	1145.8	1450.8	1817.4	2114.6	2425.7
22.5°	441.6	505.7	577.8	679.0	891.1	1168.3	1530.7	2052.0	2615.9	3137.4	3639.5
20°	492.1	579.8	695.4	881.7	1154.1	1563.9	2193.6	3025.5	3854.9	4738.2	5588.5
17.5°	564.2	690.6	870.2	1135.4	1494.4	2304.9	3326.8	4613.5	6266.5	7764.6	9072.5
15°	631.8	782.8	1066.4	1462.9	2089.1	3163.3	4715.4	6839.1	9415.3	11763.3	14243.1
12.5°	702.8	881.1	1206.9	1711.7	2581.7	3980.3	6161.4	9071.3	12297.1	15835.7	19866.3
10°	759.0	975.6	1365.6	2005.6	3078.1	4819.7	7417.6	10946.7	15233.5	20470.3	26913.5
7.5°	797.0	1051.2	1496.7	2220.8	3535.0	5678.1	8805.6	13047.4	18406.6	25344.4	34360.2
5°	826.6	1109.0	1595.2	2417.0	3921.6	6333.4	9833.9	14887.0	21226.6	30522.0	45801.1
2.5°	850.4	1153.2	1656.2	2552.1	4164.2	6789.7	10523.9	15927.7	22905.3	34350.0	54172.6
0°	869.1	1193.2	1695.9	2635.5	4350.2	6835.3	10739.2	16118.1	23507.8	35040.9	55974.2
-2.5°	877.0	1214.6	1709.6	2653.7	4331.5	6913.6	10804.9	16270.2	23485.1	34662.3	53962.1
-5°	890.2	1214.3	1699.3	2635.1	4234.4	6711.1	10375.8	15419.0	22068.3	31681.1	47493.1
-7.5°	899.7	1194.9	1650.1	2515.7	3980.2	6273.2	9621.8	14008.5	19489.6	26788.4	36581.3
-10°	891.0	1157.8	1568.1	2315.4	3585.0	5570.9	8475.2	12146.4	16701.8	22110.9	28764.4
-12.5°	857.5	1089.1	1434.2	2034.8	3073.2	4784.0	7321.7	10447.5	13819.1	17617.8	22215.5
-15°	815.1	1015.2	1313.6	1842.4	2693.7	4004.2	5856.9	8392.6	11097.3	13981.5	17057.2
-17.5°	782.1	950.2	1197.4	1580.2	2206.3	3248.3	4704.2	6505.6	8493.2	10689.1	12511.7
-20°	737.4	870.3	1077.7	1390.3	1868.1	2558.4	3618.7	4927.5	6239.1	7783.0	9042.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	692.6	808.4	966.2	1195.0	1550.5	2072.1	2727.2	3601.0	4560.1	5446.4	6318.7
-25°	651.1	740.2	867.9	1055.6	1296.7	1652.7	2119.0	2620.2	3252.4	3791.9	4390.6
-27.5°	617.5	694.0	788.2	925.8	1112.9	1341.9	1675.8	2011.7	2344.1	2616.4	3028.6
-30°	584.9	646.6	725.4	823.5	963.8	1140.2	1356.9	1574.8	1766.7	1941.7	2156.4
-32.5°	553.1	603.2	663.7	745.1	845.8	978.4	1111.6	1267.8	1401.1	1524.2	1638.1
-35°	521.1	565.7	611.8	680.5	760.7	854.9	951.8	1057.6	1150.0	1232.8	1306.2
-37.5°	492.3	531.5	574.7	625.9	690.6	761.5	840.6	917.4	978.4	1032.2	1076.7
-40°	467.9	503.6	540.6	581.5	630.8	686.8	753.9	818.0	860.7	893.5	920.5
-42.5°	446.2	477.6	509.1	543.8	581.6	630.1	683.1	736.0	764.9	790.4	809.9
-45°	428.7	452.8	479.4	509.0	542.5	583.0	624.8	661.3	687.0	708.9	725.2
-47.5°	405.6	428.8	451.8	476.4	507.5	541.3	575.8	603.9	626.4	645.4	657.9
-50°	380.2	404.6	425.7	447.2	475.9	504.6	532.3	555.5	577.0	595.7	605.5
-52.5°	353.9	380.1	402.2	423.2	447.3	472.3	497.4	517.2	536.0	553.6	561.0
-55°	334.9	359.1	381.9	401.7	421.5	441.6	462.0	482.6	501.2	517.9	522.9
-57.5°	314.5	339.1	361.6	379.4	397.3	415.4	434.1	452.7	470.6	486.7	490.7
-60°	289.5	316.1	336.2	352.9	370.4	388.2	404.5	421.1	437.8	451.8	456.3
-62.5°	257.8	282.1	301.9	319.5	336.3	351.8	367.7	383.2	398.2	409.2	412.9
-65°	219.7	240.4	260.8	279.3	295.9	310.8	325.4	339.5	353.2	362.9	367.7
-67.5°	189.7	204.5	221.0	236.9	253.6	268.9	282.1	294.6	306.2	314.4	319.6
-70°	160.7	174.9	190.3	205.4	219.9	232.4	243.0	253.2	263.2	270.5	276.0
-72.5°	133.0	145.0	157.8	171.2	184.5	195.8	205.4	214.6	223.2	229.5	234.5
-75°	108.0	117.9	128.7	139.5	150.3	159.2	167.3	175.2	182.9	188.4	193.0
-77.5°	85.8	94.1	102.6	111.0	119.5	126.0	131.9	137.7	143.3	147.7	151.7
-80°	63.6	70.1	76.9	83.6	90.4	95.3	99.8	104.0	108.0	110.5	112.8
-82.5°	43.4	48.0	52.8	57.5	62.3	66.0	69.5	73.0	76.4	77.6	78.5
-85°	27.7	30.0	32.5	35.1	37.8	39.9	41.8	43.6	45.4	47.0	48.5
-87.5°	15.4	15.9	16.3	16.7	17.0	18.4	19.9	21.3	22.7	22.9	23.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	4.2	4.5	4.6	4.7	4.6	4.5	4.2	3.8	3.4	3.6	4.3
60°	16.1	14.3	14.0	14.1	14.0	14.3	16.1	17.1	17.2	20.1	20.9
57.5°	71.5	79.5	81.7	79.9	81.7	79.5	71.5	62.9	54.5	53.4	54.6
55°	104.0	106.5	107.6	108.0	107.6	106.5	104.0	99.9	93.8	87.9	83.1
52.5°	127.5	126.7	126.5	126.8	126.5	126.7	127.5	127.0	124.6	118.8	109.8
50°	191.7	188.2	186.8	187.9	186.8	188.2	191.7	190.9	181.0	163.7	149.7
47.5°	245.0	246.1	247.8	249.0	247.8	246.1	245.0	243.9	234.2	215.5	195.7
45°	286.2	288.7	290.4	291.3	290.4	288.7	286.2	282.4	268.9	249.4	227.3
42.5°	328.1	328.4	327.9	328.8	327.9	328.4	328.1	324.8	309.9	289.6	266.5
40°	387.4	388.6	387.3	385.2	387.3	388.6	387.4	382.3	369.9	344.9	318.7
37.5°	506.2	508.0	502.4	498.0	502.4	508.0	506.2	495.5	477.1	443.3	409.9
35°	700.1	720.2	729.8	732.9	729.8	720.2	700.1	672.9	643.1	610.4	532.3
32.5°	922.7	950.7	964.7	977.1	964.7	950.7	922.7	885.5	831.8	758.2	663.2
30°	1241.8	1293.3	1316.1	1348.3	1316.1	1293.3	1241.8	1176.9	1078.1	961.1	827.2
27.5°	1762.3	1852.9	1903.0	1949.6	1903.0	1852.9	1762.3	1650.6	1453.9	1289.2	1065.6
25°	2651.8	2826.3	2939.2	2992.5	2939.2	2826.3	2651.8	2425.7	2114.6	1817.4	1450.8
22.5°	4125.3	4446.9	4695.1	4744.8	4695.1	4446.9	4125.3	3639.5	3137.4	2615.9	2052.0
20°	6413.3	6873.6	7248.0	7436.6	7248.0	6873.6	6413.3	5588.5	4738.2	3854.9	3025.5
17.5°	10630.3	11587.7	12025.0	12096.8	12025.0	11587.7	10630.3	9072.5	7764.6	6266.5	4613.5
15°	16903.9	18524.0	19552.4	20214.6	19552.4	18524.0	16903.9	14243.1	11763.3	9415.3	6839.1
12.5°	24062.0	28665.3	31284.6	32283.2	31284.6	28665.3	24062.0	19866.3	15835.7	12297.1	9071.3
10°	33777.1	44613.8	50864.9	54010.6	50864.9	44613.8	33777.1	26913.5	20470.3	15233.5	10946.7
7.5°	50265.8	67003.3	85547.9	94127.4	85547.9	67003.3	50265.8	34360.2	25344.4	18406.6	13047.4
5°	67599.4	104348.3	136603.1	152048.8	136603.1	104348.3	67599.4	45801.1	30522.0	21226.6	14887.0
2.5°	87521.7	137081.0	182902.7	202169.6	182902.7	137081.0	87521.7	54172.6	34350.0	22905.3	15927.7
0°	95189.1	152917.9	203031.6	221942.6	203031.6	152917.9	95189.1	55974.2	35040.9	23507.8	16118.1
-2.5°	88707.0	139482.0	183689.9	205298.3	183689.9	139482.0	88707.0	53962.1	34662.3	23485.1	16270.2
-5°	70482.3	104923.4	137663.6	155271.5	137663.6	104923.4	70482.3	47493.1	31681.1	22068.3	15419.0
-7.5°	51729.6	70479.1	88661.8	95020.0	88661.8	70479.1	51729.6	36581.3	26788.4	19489.6	14008.5
-10°	36015.2	46751.8	53839.0	55861.5	53839.0	46751.8	36015.2	28764.4	22110.9	16701.8	12146.4
-12.5°	26701.7	31397.8	34665.3	35233.5	34665.3	31397.8	26701.7	22215.5	17617.8	13819.1	10447.5
-15°	19771.9	22160.1	23845.3	23958.8	23845.3	22160.1	19771.9	17057.2	13981.5	11097.3	8392.6
-17.5°	14453.3	16056.4	16906.9	16846.3	16906.9	16056.4	14453.3	12511.7	10689.1	8493.2	6505.6
-20°	10335.0	11301.3	11986.6	11852.5	11986.6	11301.3	10335.0	9042.1	7783.0	6239.1	4927.5



REPORT NUMBER: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	7206.3	7847.7	8249.3	8146.0	8249.3	7847.7	7206.3	6318.7	5446.4	4560.1	3601.0
-25°	4896.6	5246.1	5444.9	5411.9	5444.9	5246.1	4896.6	4390.6	3791.9	3252.4	2620.2
-27.5°	3336.7	3521.3	3583.0	3579.7	3583.0	3521.3	3336.7	3028.6	2616.4	2344.1	2011.7
-30°	2316.0	2440.0	2511.0	2466.3	2511.0	2440.0	2316.0	2156.4	1941.7	1766.7	1574.8
-32.5°	1726.1	1796.1	1836.6	1794.6	1836.6	1796.1	1726.1	1638.1	1524.2	1401.1	1267.8
-35°	1360.3	1395.7	1410.0	1385.8	1410.0	1395.7	1360.3	1306.2	1232.8	1150.0	1057.6
-37.5°	1109.1	1129.8	1136.9	1122.8	1136.9	1129.8	1109.1	1076.7	1032.2	978.4	917.4
-40°	939.7	952.4	955.6	944.3	955.6	952.4	939.7	920.5	893.5	860.7	818.0
-42.5°	822.3	829.8	831.6	826.8	831.6	829.8	822.3	809.9	790.4	764.9	736.0
-45°	734.8	741.3	742.6	737.6	742.6	741.3	734.8	725.2	708.9	687.0	661.3
-47.5°	664.1	668.1	669.2	667.1	669.2	668.1	664.1	657.9	645.4	626.4	603.9
-50°	609.9	612.7	612.9	610.7	612.9	612.7	609.9	605.5	595.7	577.0	555.5
-52.5°	564.5	566.5	567.8	568.4	567.8	566.5	564.5	561.0	553.6	536.0	517.2
-55°	526.4	528.9	530.4	530.9	530.4	528.9	526.4	522.9	517.9	501.2	482.6
-57.5°	493.9	496.2	497.5	498.0	497.5	496.2	493.9	490.7	486.7	470.6	452.7
-60°	460.0	462.8	464.5	465.1	464.5	462.8	460.0	456.3	451.8	437.8	421.1
-62.5°	415.2	416.5	417.6	418.1	417.6	416.5	415.2	412.9	409.2	398.2	383.2
-65°	371.4	373.9	375.3	375.8	375.3	373.9	371.4	367.7	362.9	353.2	339.5
-67.5°	323.8	327.1	330.6	333.5	330.6	327.1	323.8	319.6	314.4	306.2	294.6
-70°	280.8	285.0	286.3	286.6	286.3	285.0	280.8	276.0	270.5	263.2	253.2
-72.5°	239.0	242.9	246.2	249.0	246.2	242.9	239.0	234.5	229.5	223.2	214.6
-75°	197.2	200.8	201.8	202.0	201.8	200.8	197.2	193.0	188.4	182.9	175.2
-77.5°	155.4	158.8	159.5	159.7	159.5	158.8	155.4	151.7	147.7	143.3	137.7
-80°	114.9	116.8	119.6	122.1	119.6	116.8	114.9	112.8	110.5	108.0	104.0
-82.5°	79.1	79.6	79.8	79.9	79.8	79.6	79.1	78.5	77.6	76.4	73.0
-85°	50.0	51.5	51.6	51.7	51.6	51.5	50.0	48.5	47.0	45.4	43.6
-87.5°	23.3	23.4	23.5	23.5	23.5	23.4	23.3	23.1	22.9	22.7	21.3
-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: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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	0.1	1.3
62.5°	4.8	5.2	5.4	4.9	3.6	2.3	2.8	3.3	2.3	0.4	1.6
60°	17.7	11.2	15.9	17.5	15.4	11.1	11.3	10.5	8.7	6.9	4.6
57.5°	57.9	56.0	45.9	39.7	37.8	33.5	27.6	22.0	19.4	15.6	11.0
55°	79.9	76.7	71.2	63.6	55.1	52.6	47.8	41.0	34.4	26.7	21.6
52.5°	98.2	99.0	95.9	86.9	79.2	74.2	67.6	61.2	53.2	45.6	35.6
50°	140.2	134.9	129.8	124.6	112.7	101.0	92.8	83.9	72.5	64.0	55.5
47.5°	179.1	171.1	165.7	158.8	145.1	132.9	119.9	107.4	93.2	79.9	71.5
45°	212.3	200.7	190.3	181.8	170.0	155.9	144.4	130.5	114.2	98.8	84.4
42.5°	246.0	228.5	214.4	205.8	191.5	177.1	164.1	153.4	135.7	117.7	103.1
40°	290.8	255.7	242.6	239.2	225.7	202.7	191.7	179.9	161.1	137.5	123.1
37.5°	364.8	317.7	294.7	282.6	270.3	246.4	225.0	209.6	192.7	166.1	145.5
35°	469.5	414.3	364.0	338.0	323.5	291.0	262.8	241.6	221.5	196.3	169.6
32.5°	561.4	499.2	439.1	393.7	361.1	331.1	299.6	273.4	247.0	221.2	195.0
30°	695.6	591.6	508.7	444.8	402.8	365.6	332.2	300.5	270.7	243.6	217.2
27.5°	877.8	711.9	599.3	509.3	446.7	402.4	364.4	327.4	293.4	264.2	237.1
25°	1145.8	880.5	712.3	590.8	500.1	443.2	399.8	357.0	317.2	284.0	261.1
22.5°	1530.7	1168.3	891.1	679.0	577.8	505.7	441.6	387.8	342.6	313.0	285.8
20°	2193.6	1563.9	1154.1	881.7	695.4	579.8	492.1	428.9	382.8	344.5	310.9
17.5°	3326.8	2304.9	1494.4	1135.4	870.2	690.6	564.2	480.2	422.2	376.3	336.1
15°	4715.4	3163.3	2089.1	1462.9	1066.4	782.8	631.8	531.2	462.6	409.7	361.5
12.5°	6161.4	3980.3	2581.7	1711.7	1206.9	881.1	702.8	589.2	502.9	433.7	378.3
10°	7417.6	4819.7	3078.1	2005.6	1365.6	975.6	759.0	625.9	527.0	451.0	392.6
7.5°	8805.6	5678.1	3535.0	2220.8	1496.7	1051.2	797.0	650.5	547.0	465.5	404.3
5°	9833.9	6333.4	3921.6	2417.0	1595.2	1109.0	826.6	668.1	562.5	477.0	413.7
2.5°	10523.9	6789.7	4164.2	2552.1	1656.2	1153.2	850.4	684.6	574.6	488.7	424.0
0°	10739.2	6835.3	4350.2	2635.5	1695.9	1193.2	869.1	700.0	582.5	498.0	432.2
-2.5°	10804.9	6913.6	4331.5	2653.7	1709.6	1214.6	877.0	702.9	588.6	501.5	433.4
-5°	10375.8	6711.1	4234.4	2635.1	1699.3	1214.3	890.2	708.0	592.1	502.7	432.4
-7.5°	9621.8	6273.2	3980.2	2515.7	1650.1	1194.9	899.7	714.6	595.3	506.3	435.7
-10°	8475.2	5570.9	3585.0	2315.4	1568.1	1157.8	891.0	711.0	593.3	505.7	436.5
-12.5°	7321.7	4784.0	3073.2	2034.8	1434.2	1089.1	857.5	696.4	585.8	500.5	434.4
-15°	5856.9	4004.2	2693.7	1842.4	1313.6	1015.2	815.1	673.7	573.2	491.2	429.5
-17.5°	4704.2	3248.3	2206.3	1580.2	1197.4	950.2	782.1	655.1	558.5	481.8	422.9
-20°	3618.7	2558.4	1868.1	1390.3	1077.7	870.3	737.4	627.9	541.5	472.0	416.5



Classified

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

Scaled Data Report



REPORT NUMBER: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	2727.2	2072.1	1550.5	1195.0	966.2	808.4	692.6	597.6	520.8	458.0	408.3
-25°	2119.0	1652.7	1296.7	1055.6	867.9	740.2	651.1	573.5	504.5	444.0	398.4
-27.5°	1675.8	1341.9	1112.9	925.8	788.2	694.0	617.5	548.6	486.8	433.6	388.3
-30°	1356.9	1140.2	963.8	823.5	725.4	646.6	584.9	527.4	470.4	420.1	377.5
-32.5°	1111.6	978.4	845.8	745.1	663.7	603.2	553.1	504.5	450.3	406.2	366.2
-35°	951.8	854.9	760.7	680.5	611.8	565.7	521.1	475.7	431.5	390.5	353.3
-37.5°	840.6	761.5	690.6	625.9	574.7	531.5	492.3	452.2	412.0	374.4	340.0
-40°	753.9	686.8	630.8	581.5	540.6	503.6	467.9	430.9	395.1	357.5	325.7
-42.5°	683.1	630.1	581.6	543.8	509.1	477.6	446.2	413.9	378.8	343.1	309.7
-45°	624.8	583.0	542.5	509.0	479.4	452.8	428.7	396.4	362.2	326.5	292.5
-47.5°	575.8	541.3	507.5	476.4	451.8	428.8	405.6	377.1	341.2	307.6	278.6
-50°	532.3	504.6	475.9	447.2	425.7	404.6	380.2	350.4	319.4	291.8	264.5
-52.5°	497.4	472.3	447.3	423.2	402.2	380.1	353.9	328.2	301.8	275.8	250.6
-55°	462.0	441.6	421.5	401.7	381.9	359.1	334.9	309.4	283.5	259.2	233.5
-57.5°	434.1	415.4	397.3	379.4	361.6	339.1	314.5	289.5	262.8	238.2	214.1
-60°	404.5	388.2	370.4	352.9	336.2	316.1	289.5	263.7	239.0	215.8	192.5
-62.5°	367.7	351.8	336.3	319.5	301.9	282.1	257.8	234.1	212.6	192.4	171.4
-65°	325.4	310.8	295.9	279.3	260.8	240.4	219.7	202.3	185.8	168.6	150.1
-67.5°	282.1	268.9	253.6	236.9	221.0	204.5	189.7	174.7	159.4	143.5	127.0
-70°	243.0	232.4	219.9	205.4	190.3	174.9	160.7	146.8	132.5	119.3	106.6
-72.5°	205.4	195.8	184.5	171.2	157.8	145.0	133.0	121.7	110.6	99.7	88.4
-75°	167.3	159.2	150.3	139.5	128.7	117.9	108.0	98.9	89.5	79.9	70.3
-77.5°	131.9	126.0	119.5	111.0	102.6	94.1	85.8	77.5	69.8	62.5	55.8
-80°	99.8	95.3	90.4	83.6	76.9	70.1	63.6	57.9	52.6	47.8	43.1
-82.5°	69.5	66.0	62.3	57.5	52.8	48.0	43.4	40.0	36.7	33.4	30.3
-85°	41.8	39.9	37.8	35.1	32.5	30.0	27.7	25.8	23.9	21.9	19.9
-87.5°	19.9	18.4	17.0	16.7	16.3	15.9	15.4	14.0	12.6	11.3	10.0
-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: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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	0.4	1.0	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	1.4
67.5°	0.0	0.0	0.0	1.0	1.6	1.3	0.3	0.8	1.9	3.0	2.6
65°	1.6	1.1	0.1	1.2	2.3	3.1	2.3	1.4	2.1	3.2	3.9
62.5°	2.8	3.6	2.7	1.9	2.6	3.7	4.4	2.9	2.4	3.3	4.4
60°	3.1	4.2	4.8	3.7	3.3	4.0	4.7	4.3	3.4	3.5	4.6
57.5°	8.3	5.3	5.3	5.1	4.3	4.4	4.7	4.7	4.2	4.0	4.7
55°	15.4	11.2	7.9	6.4	5.3	4.7	4.8	4.7	4.7	4.3	4.7
52.5°	26.7	19.4	14.2	9.6	7.2	5.3	5.3	4.7	4.7	4.6	4.7
50°	42.5	30.6	22.4	16.1	10.0	7.8	6.1	5.5	4.7	4.7	4.7
47.5°	62.2	45.7	32.7	23.6	16.5	10.6	8.4	6.5	4.7	4.7	4.7
45°	76.7	63.7	45.6	33.0	23.2	16.0	11.3	7.7	5.8	4.9	4.7
42.5°	91.0	79.3	62.0	42.2	31.9	22.1	14.4	10.4	7.1	5.2	4.9
40°	109.3	94.5	77.7	57.6	41.5	28.1	19.5	13.4	8.6	6.0	5.2
37.5°	128.1	111.6	93.2	72.4	52.3	37.2	24.8	16.5	10.9	7.6	5.7
35°	149.2	129.4	108.6	86.5	65.2	46.6	29.8	20.3	13.8	9.4	6.3
32.5°	170.6	146.6	123.0	100.1	77.2	56.3	36.9	25.1	16.7	11.2	6.9
30°	191.3	163.5	136.2	113.2	88.6	66.6	45.9	30.4	19.5	13.1	7.8
27.5°	210.1	180.1	149.0	124.9	100.0	76.2	54.8	36.1	22.1	15.1	9.3
25°	229.9	197.0	163.6	135.3	110.7	85.9	63.2	42.2	26.1	17.4	10.9
22.5°	252.3	214.0	177.7	144.7	122.0	95.4	71.1	49.4	30.8	19.5	12.4
20°	276.3	230.9	191.9	158.0	132.6	105.1	79.0	56.0	35.6	21.5	13.9
17.5°	300.9	249.4	209.0	173.2	143.1	114.2	86.6	62.0	40.4	23.4	15.3
15°	317.6	268.0	224.4	187.4	153.6	122.6	93.7	67.5	45.2	25.2	16.8
12.5°	331.6	283.9	238.0	200.6	164.0	130.3	100.3	72.4	49.8	27.6	18.2
10°	343.9	297.4	249.8	212.7	174.0	137.3	106.4	76.8	54.1	30.6	19.5
7.5°	354.6	308.5	260.0	223.6	183.6	144.3	111.4	80.6	57.8	33.7	20.7
5°	363.5	318.0	268.5	230.6	192.4	151.7	115.7	84.0	61.0	36.7	21.8
2.5°	370.6	326.7	275.8	235.8	200.1	158.5	119.3	86.9	63.6	39.6	22.7
0°	375.8	333.5	281.9	239.6	206.7	164.4	122.1	89.3	65.8	42.3	23.5
-2.5°	379.2	334.6	288.4	244.0	210.6	169.3	127.8	92.3	67.5	44.7	24.9
-5°	380.7	334.5	293.2	247.4	213.5	173.2	132.6	94.8	68.9	46.8	26.2
-7.5°	382.8	336.1	295.8	250.1	215.4	176.3	136.3	96.7	69.9	48.4	27.3
-10°	383.6	337.7	296.5	253.4	216.9	178.5	138.7	97.8	70.7	49.7	28.4
-12.5°	382.5	337.5	296.3	255.3	217.7	179.7	139.9	99.7	71.4	50.5	29.2
-15°	379.5	335.5	295.6	255.5	217.6	180.2	140.3	101.4	72.8	50.6	30.0
-17.5°	374.8	331.6	294.5	253.9	216.7	180.0	139.9	102.1	73.6	50.3	30.7
-20°	370.1	328.1	293.0	250.5	215.1	179.0	138.7	101.9	73.5	49.5	31.3

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REPORT NUMBER: P627568 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	364.0	324.7	287.7	247.1	212.7	177.3	136.8	100.8	72.7	48.4	31.7
-25°	356.3	319.7	281.8	244.5	209.8	174.0	134.5	98.5	71.0	46.9	31.8
-27.5°	348.6	312.8	275.5	240.8	205.7	169.9	131.4	96.4	68.6	45.1	31.7
-30°	339.6	305.1	270.0	235.8	199.9	164.2	127.1	93.2	66.1	44.1	31.4
-32.5°	329.8	297.3	263.9	228.2	192.8	157.8	121.6	88.8	63.1	43.6	31.0
-35°	320.0	288.6	256.4	218.8	185.0	150.9	116.0	83.2	59.8	42.7	30.6
-37.5°	308.4	277.9	244.3	208.7	176.8	143.5	110.8	80.0	56.0	41.4	30.0
-40°	295.1	264.7	230.4	199.2	168.1	135.7	105.2	77.0	53.6	39.9	29.3
-42.5°	280.4	249.9	219.3	189.5	159.0	129.0	99.4	73.4	52.5	38.6	28.5
-45°	265.1	236.5	208.8	179.5	149.9	122.0	94.6	69.4	51.0	37.5	27.6
-47.5°	250.9	225.2	197.5	168.7	141.9	114.9	88.9	66.7	48.7	36.2	26.7
-50°	238.8	212.8	185.1	157.8	132.5	107.6	83.0	63.3	46.9	34.8	25.5
-52.5°	225.0	198.6	171.6	145.7	122.6	99.5	78.0	59.1	44.3	33.1	24.1
-55°	208.5	182.3	156.4	133.8	112.2	91.8	72.0	54.8	41.0	31.1	22.5
-57.5°	189.2	163.9	142.6	122.0	101.7	83.2	65.4	49.7	38.0	28.9	20.7
-60°	169.4	148.9	129.4	109.4	90.7	73.8	57.9	44.5	35.0	26.4	18.7
-62.5°	151.8	133.0	113.9	95.6	79.2	64.0	50.2	40.5	31.6	23.6	16.6
-65°	132.0	114.3	97.2	82.1	67.6	54.8	45.1	36.2	28.0	20.7	14.6
-67.5°	110.8	96.6	82.2	68.5	57.8	48.3	39.6	31.5	24.2	17.6	13.4
-70°	93.6	80.4	68.6	58.8	49.9	41.5	33.8	26.6	20.1	15.7	12.1
-72.5°	77.3	67.1	57.8	49.4	41.7	34.4	27.7	21.8	17.5	13.7	10.6
-75°	61.6	54.2	46.8	39.6	33.1	27.2	22.7	18.4	14.8	11.7	9.3
-77.5°	49.3	42.7	36.0	30.9	26.9	22.8	18.7	14.8	12.2	10.1	8.0
-80°	38.0	33.4	29.3	25.8	22.1	18.4	15.2	12.5	10.5	8.6	6.7
-82.5°	27.3	24.9	22.7	20.7	17.8	15.1	12.7	10.6	8.8	7.1	5.2
-85°	18.6	17.4	16.4	15.4	13.5	11.7	9.7	7.9	6.3	4.8	3.5
-87.5°	9.5	9.1	8.6	8.1	6.9	5.9	4.9	4.0	3.1	2.4	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-SA5B-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°	0.2	0.7	0.5	0.0	0.1	0.7	0.0
70°	0.5	1.1	1.0	0.1	0.2	0.9	0.0
67.5°	1.7	1.4	1.4	0.6	0.3	1.0	0.0
65°	2.7	2.0	1.9	1.0	0.4	1.1	0.0
62.5°	3.7	2.7	2.4	1.5	0.5	1.2	0.0
60°	4.6	3.3	2.9	2.0	0.6	1.3	0.0
57.5°	4.7	3.8	3.3	2.5	1.0	1.5	0.0
55°	4.7	4.3	3.6	3.0	1.4	1.6	0.0
52.5°	4.7	4.7	3.9	3.5	1.8	1.7	0.0
50°	4.7	4.7	4.1	4.0	2.1	1.9	0.0
47.5°	4.7	4.7	4.4	4.5	2.4	2.0	0.0
45°	4.7	4.7	4.5	4.6	2.7	2.1	0.0
42.5°	4.7	4.7	4.7	4.7	3.0	2.3	0.0
40°	4.7	4.7	4.7	4.7	3.3	2.4	0.0
37.5°	4.7	4.7	4.7	4.7	3.5	2.6	0.0
35°	4.7	4.7	4.7	4.7	3.7	2.7	0.0
32.5°	4.8	4.7	4.7	4.7	3.9	2.9	0.0
30°	5.3	4.7	4.7	4.7	4.1	3.1	0.0
27.5°	5.9	4.7	4.7	4.7	4.2	3.2	0.0
25°	6.4	4.7	4.7	4.7	4.3	3.4	0.0
22.5°	7.0	4.8	4.7	4.7	4.4	3.5	0.0
20°	7.6	5.1	4.7	4.7	4.5	3.7	0.0
17.5°	8.4	5.6	4.7	4.7	4.6	3.8	0.0
15°	9.4	6.0	4.7	4.7	4.6	4.0	0.0
12.5°	10.3	6.6	4.7	4.7	4.7	4.1	0.0
10°	11.2	7.1	4.7	4.7	4.7	4.2	0.0
7.5°	12.0	7.7	4.7	4.7	4.7	4.4	0.0
5°	12.7	8.3	4.7	4.7	4.7	4.5	0.0
2.5°	13.4	8.9	4.7	4.7	4.7	4.6	0.0
0°	14.1	9.4	4.7	4.7	4.7	4.7	0.0
-2.5°	15.3	9.9	5.1	4.7	4.7	4.7	0.0
-5°	16.5	10.3	5.5	4.7	4.7	4.7	0.0
-7.5°	17.5	10.8	5.9	4.7	4.7	4.7	0.0
-10°	18.4	11.1	6.2	4.7	4.7	4.6	0.0
-12.5°	19.2	11.4	6.6	4.7	4.7	4.6	0.0
-15°	19.8	11.7	6.8	4.7	4.7	4.5	0.0
-17.5°	20.2	11.9	7.0	4.7	4.7	4.5	0.0
-20°	20.5	12.0	7.2	4.7	4.7	4.4	0.0

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CATALOG NUMBER: GFLD-SA5B-730-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.7	12.1	7.2	4.7	4.7	4.3	0.0
-25°	20.9	12.5	7.2	4.7	4.7	4.3	0.0
-27.5°	20.9	12.8	7.1	4.7	4.7	4.2	0.0
-30°	20.7	13.0	6.9	4.7	4.7	4.1	0.0
-32.5°	20.5	13.1	6.9	4.7	4.7	4.0	0.0
-35°	20.5	13.1	6.8	4.7	4.7	3.8	0.0
-37.5°	20.4	12.9	6.6	4.7	4.7	3.7	0.0
-40°	20.1	12.7	6.4	4.7	4.7	3.6	0.0
-42.5°	19.7	12.3	6.3	4.7	4.7	3.5	0.0
-45°	19.1	11.8	6.5	4.9	4.7	3.3	0.0
-47.5°	18.3	11.2	6.6	5.0	4.7	3.2	0.0
-50°	17.4	10.4	6.7	5.0	4.7	3.0	0.0
-52.5°	16.3	9.6	6.7	5.1	4.7	2.9	0.0
-55°	15.0	9.3	6.6	5.1	4.7	2.7	0.0
-57.5°	13.6	9.1	6.6	5.1	4.7	2.5	0.0
-60°	12.2	8.8	6.4	5.1	4.7	2.3	0.0
-62.5°	11.6	8.4	6.2	5.0	4.3	2.2	0.0
-65°	10.8	8.0	6.0	4.9	4.0	2.0	0.0
-67.5°	10.0	7.5	5.7	4.8	3.6	1.8	0.0
-70°	9.1	6.9	5.4	4.7	3.2	1.6	0.0
-72.5°	8.1	6.3	5.1	4.2	2.8	1.4	0.0
-75°	7.1	5.6	4.8	3.6	2.4	1.2	0.0
-77.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
-80°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-82.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-85°	2.4	2.0	1.6	1.2	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)