

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: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627868 (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-SA6C-730-U-NR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

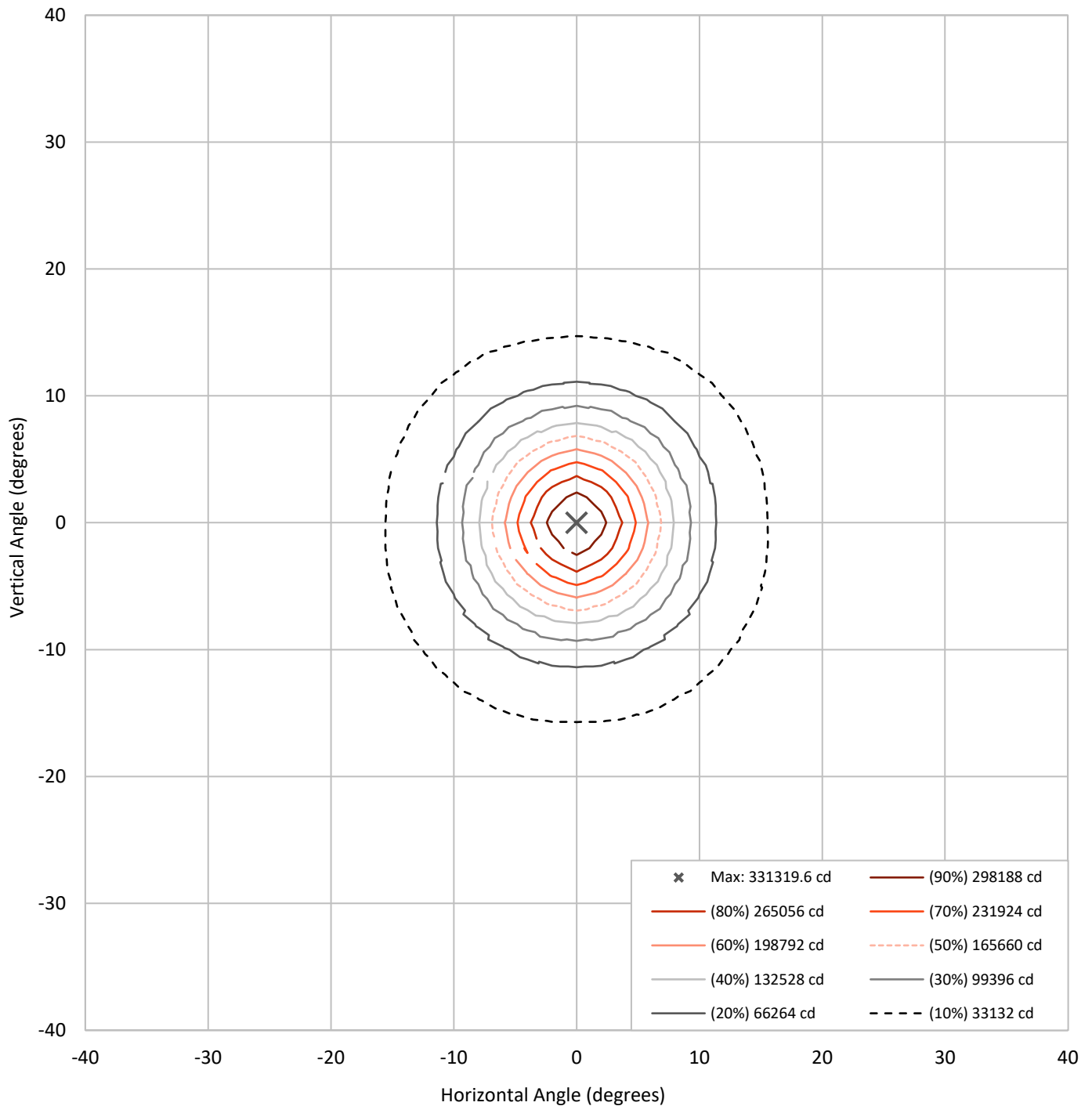
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32685.3 lumens	Max Intensity:	331319.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.1 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:	10434.6 lumens	Field Lumens:	23241.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	247.5		
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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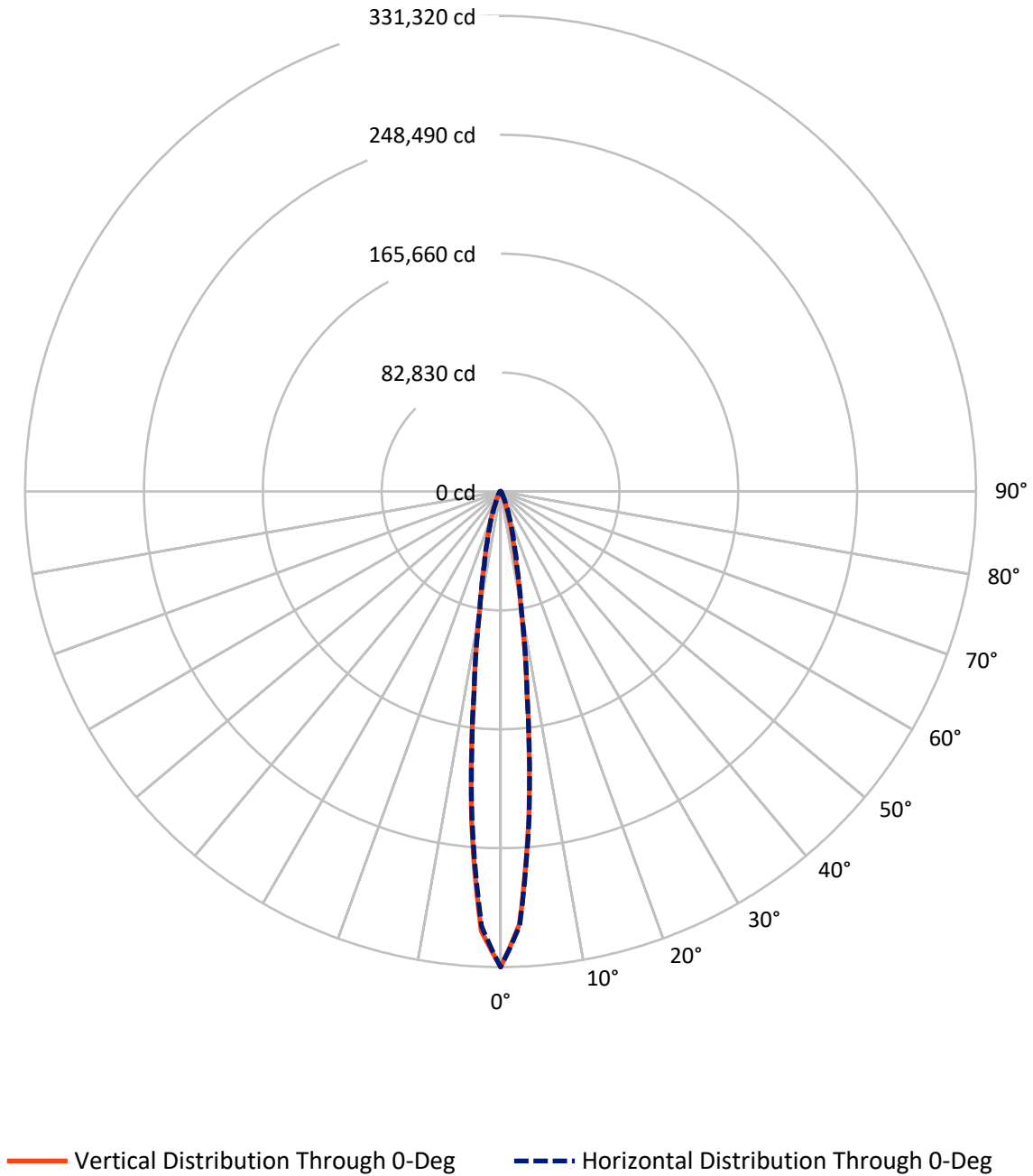
CATALOG NUMBER: GFLD-SA6C-730-U-NR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0					
70	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.2	0.8	1.8	2.9	3.9	4.6	4.6	3.9	2.9	1.8	0.8	0.2	0.1				
50	0.2	0.2	1.0	2.8	5.3	7.8	11.0	13.0	13.0	11.0	7.8	5.3	2.8	1.0	0.2	0.2			
40		0.5	2.3	5.6	9.9	15.6	26.6	33.8	33.8	26.6	15.6	9.9	5.6	2.3	0.5				
30	0.3	0.9	3.6	8.4	15.3	33.2	88.8	147.0	147.0	88.8	33.2	15.3	8.4	3.6	0.9	0.3			
20		1.4	5.0	11.6	25.3	99.4	419.0	921.0	921.0	419.0	99.4	25.3	11.6	5.0	1.4				
10	0.5	1.8	6.1	13.7	34.3	186.6	1004.0	4502.6	4502.6	1004.0	186.6	34.3	13.7	6.1	1.8	0.5			
0		2.0	6.6	14.4	36.9	198.8	1039.2	4579.0	4579.0	1039.2	198.8	36.9	14.4	6.6	2.0				
-10	0.6	2.1	6.7	14.2	32.4	126.5	504.5	1079.0	1079.0	504.5	126.5	32.4	14.2	6.7	2.1	0.6			
-20		2.1	6.5	13.0	25.0	59.1	155.4	259.1	259.1	155.4	59.1	25.0	13.0	6.5	2.1				
-30	0.6	1.8	5.8	11.5	19.6	32.5	52.8	67.1	67.1	52.8	32.5	19.6	11.5	5.8	1.8	0.6			
-40		1.5	4.7	9.6	15.8	22.7	30.5	34.0	34.0	30.5	22.7	15.8	9.6	4.7	1.5				
-50	0.4	1.1	3.6	7.5	12.4	17.4	22.0	24.0	24.0	22.0	17.4	12.4	7.5	3.6	1.1	0.4			
-60		0.7	2.2	4.8	8.3	12.1	15.3	16.8	16.8	15.3	12.1	8.3	4.8	2.2	0.7				
-70	0.1	2.0		8.2	18.1		22.9	18.1		8.2	2.0		0.1						
-80		2.0		8.2	18.1		22.9	18.1		8.2	2.0		0.1						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

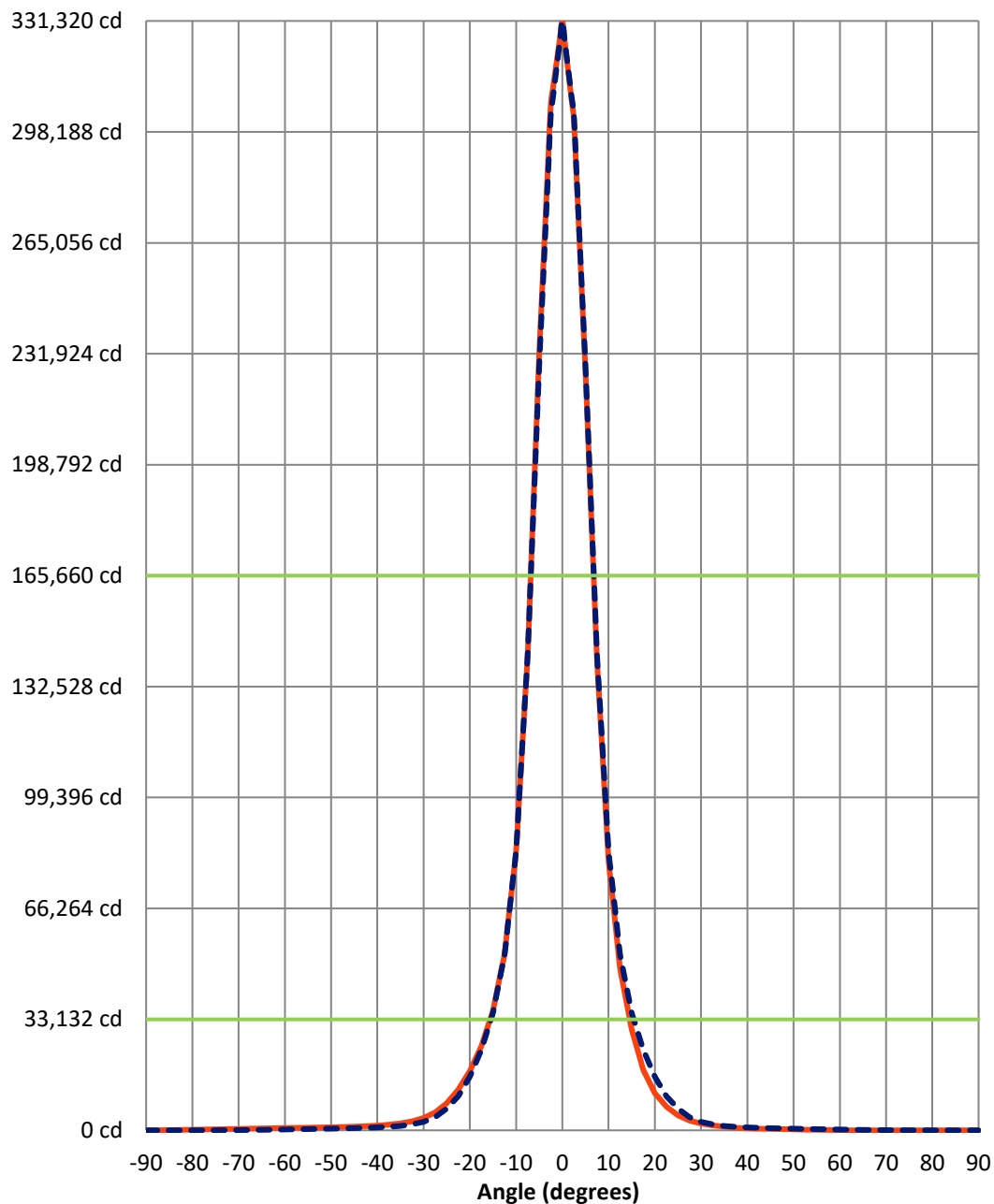
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 10434.6  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 23241.3  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 9444  
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.8	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.1	0.2	0.0	0.8	1.1	0.4	0.4	1.5	1.6	0.7
70°	0.0	1.3	0.3	0.1	1.4	1.6	0.8	2.1	2.9	2.6	0.9
67.5°	0.0	1.4	0.4	0.8	2.1	2.2	2.5	3.9	4.5	2.8	1.2
65°	0.0	1.6	0.6	1.5	2.8	3.0	4.0	5.8	4.7	3.1	2.1
62.5°	0.0	1.8	0.7	2.2	3.6	4.0	5.5	6.6	5.0	3.6	4.4
60°	0.0	2.0	0.9	3.0	4.4	4.9	6.9	6.8	5.3	5.1	6.4
57.5°	0.0	2.2	1.5	3.7	4.9	5.7	7.0	7.0	5.9	6.2	7.0
55°	0.0	2.4	2.1	4.4	5.4	6.5	7.0	7.0	6.5	7.0	7.0
52.5°	0.0	2.6	2.6	5.2	5.8	7.0	7.0	7.0	6.9	7.0	7.0
50°	0.0	2.8	3.2	6.0	6.2	7.0	7.0	7.0	7.0	7.0	8.1
47.5°	0.0	3.0	3.6	6.6	6.5	7.0	7.0	7.0	7.0	7.0	9.7
45°	0.0	3.2	4.1	6.8	6.7	7.0	7.0	7.0	7.2	8.7	11.5
42.5°	0.0	3.4	4.5	7.0	6.9	7.0	7.0	7.3	7.7	10.6	15.5
40°	0.0	3.6	4.9	7.0	7.0	7.0	7.0	7.8	8.9	12.8	20.0
37.5°	0.0	3.9	5.2	7.0	7.0	7.0	7.0	8.5	11.4	16.2	24.7
35°	0.0	4.1	5.5	7.0	7.0	7.0	7.0	9.3	14.0	20.6	30.3
32.5°	0.0	4.3	5.8	7.0	7.0	7.0	7.2	10.3	16.7	24.9	37.5
30°	0.0	4.5	6.1	7.0	7.0	7.0	7.9	11.7	19.5	29.1	45.4
27.5°	0.0	4.8	6.3	7.0	7.0	7.0	8.7	13.9	22.6	33.1	53.9
25°	0.0	5.0	6.4	7.0	7.0	7.0	9.5	16.2	26.0	38.9	62.9
22.5°	0.0	5.2	6.6	7.0	7.0	7.1	10.4	18.5	29.1	46.0	73.7
20°	0.0	5.5	6.7	7.0	7.0	7.6	11.3	20.7	32.1	53.1	83.6
17.5°	0.0	5.7	6.8	7.0	7.0	8.3	12.6	22.9	35.0	60.3	92.6
15°	0.0	5.9	6.9	7.0	7.0	9.0	14.0	25.1	37.6	67.5	100.7
12.5°	0.0	6.1	6.9	7.0	7.0	9.8	15.3	27.2	41.1	74.4	108.1
10°	0.0	6.3	7.0	7.0	7.0	10.6	16.6	29.2	45.6	80.8	114.6
7.5°	0.0	6.5	7.0	7.0	7.0	11.5	17.8	30.9	50.2	86.3	120.3
5°	0.0	6.7	7.0	7.0	7.0	12.3	19.0	32.5	54.7	91.0	125.3
2.5°	0.0	6.8	7.0	7.0	7.0	13.2	20.0	33.9	59.1	95.0	129.6
0°	0.0	7.0	7.0	7.0	7.0	14.0	21.0	35.1	63.1	98.2	133.2
-2.5°	0.0	7.0	7.0	7.0	7.6	14.7	22.8	37.2	66.7	100.8	137.7
-5°	0.0	7.0	7.0	7.0	8.2	15.4	24.6	39.1	69.8	102.8	141.5
-7.5°	0.0	6.9	7.0	7.0	8.8	16.0	26.1	40.8	72.3	104.4	144.2
-10°	0.0	6.9	7.0	7.0	9.3	16.5	27.5	42.3	74.2	105.5	146.0
-12.5°	0.0	6.8	7.0	7.0	9.8	17.0	28.7	43.6	75.3	106.5	148.7
-15°	0.0	6.8	7.0	7.0	10.2	17.4	29.5	44.7	75.6	108.7	151.3
-17.5°	0.0	6.7	7.0	7.0	10.5	17.7	30.1	45.8	75.1	109.8	152.4
-20°	0.0	6.6	7.0	7.0	10.7	17.9	30.6	46.7	74.0	109.8	152.2

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CATALOG NUMBER: GFLD-SA6C-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	6.5	7.0	7.0	10.7	18.1	30.9	47.3	72.3	108.5	150.4
-25°	0.0	6.3	7.0	7.0	10.7	18.5	31.1	47.5	70.1	106.0	147.1
-27.5°	0.0	6.2	7.0	7.0	10.5	19.0	31.1	47.4	67.3	102.4	144.0
-30°	0.0	6.1	7.0	7.0	10.3	19.3	30.9	46.8	65.8	98.6	139.2
-32.5°	0.0	5.9	7.0	7.0	10.3	19.5	30.6	46.3	65.0	94.2	132.5
-35°	0.0	5.7	7.0	7.0	10.1	19.5	30.5	45.6	63.7	89.2	124.1
-37.5°	0.0	5.6	7.0	7.0	9.9	19.3	30.4	44.8	61.8	83.7	119.3
-40°	0.0	5.4	7.0	7.0	9.5	18.9	30.0	43.7	59.5	80.1	114.9
-42.5°	0.0	5.2	7.0	7.1	9.4	18.3	29.4	42.5	57.6	78.4	109.5
-45°	0.0	4.9	7.0	7.2	9.7	17.6	28.5	41.2	55.9	76.0	103.5
-47.5°	0.0	4.7	7.0	7.4	9.9	16.6	27.3	39.8	54.0	72.7	99.6
-50°	0.0	4.5	7.0	7.5	9.9	15.5	25.9	38.1	51.9	70.0	94.4
-52.5°	0.0	4.3	7.0	7.6	10.0	14.3	24.3	36.0	49.3	66.1	88.2
-55°	0.0	4.0	7.0	7.6	9.9	13.9	22.4	33.6	46.4	61.2	81.8
-57.5°	0.0	3.8	7.0	7.6	9.8	13.5	20.3	30.9	43.1	56.7	74.1
-60°	0.0	3.5	7.0	7.5	9.6	13.1	18.1	27.9	39.4	52.2	66.4
-62.5°	0.0	3.2	6.5	7.4	9.3	12.5	17.2	24.7	35.3	47.2	60.4
-65°	0.0	3.0	5.9	7.3	9.0	11.9	16.2	21.7	30.9	41.8	54.0
-67.5°	0.0	2.7	5.4	7.2	8.6	11.1	14.9	19.9	26.2	36.1	47.0
-70°	0.0	2.4	4.8	7.0	8.1	10.3	13.6	18.0	23.4	30.0	39.7
-72.5°	0.0	2.1	4.2	6.3	7.6	9.4	12.1	15.8	20.5	26.1	32.6
-75°	0.0	1.8	3.6	5.4	7.1	8.4	10.6	13.9	17.4	22.0	27.4
-77.5°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	11.9	15.1	18.2	22.0
-80°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	10.0	12.8	15.7	18.5
-82.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	7.8	10.6	13.1	15.7
-85°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	5.2	7.1	9.3	11.8
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.6	3.6	4.7	5.9
-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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**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	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.0	2.4	1.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.4	4.5	3.5	1.8	0.1	1.7	2.4	1.9	0.2	0.0	0.0
62.5°	6.5	5.5	3.9	2.9	4.0	5.3	4.1	2.4	0.7	3.4	4.9
60°	7.0	5.9	4.9	5.5	7.1	6.3	4.6	6.8	10.3	12.9	15.7
57.5°	7.0	6.5	6.3	7.6	7.9	7.9	12.3	16.4	23.3	29.0	32.8
55°	7.2	6.9	7.9	9.5	11.8	16.7	22.9	32.3	39.9	51.4	61.2
52.5°	8.0	7.9	10.6	14.3	21.2	28.9	39.8	53.1	68.1	79.3	91.2
50°	9.1	11.7	15.0	24.1	33.4	45.6	63.5	82.8	95.5	108.1	125.2
47.5°	12.5	15.9	24.7	35.2	48.8	68.2	92.8	106.7	119.2	139.1	160.4
45°	16.8	23.9	34.7	49.2	68.0	95.1	114.5	125.8	147.5	170.6	194.8
42.5°	21.5	33.0	47.7	63.0	92.5	118.3	135.8	153.9	175.7	202.7	229.0
40°	29.2	41.9	61.9	85.9	116.0	141.1	163.1	183.9	205.3	240.6	268.6
37.5°	37.0	55.5	78.1	108.0	139.2	166.7	191.3	217.3	247.9	287.6	312.9
35°	44.5	69.6	97.2	129.0	162.2	193.3	222.8	253.2	293.0	330.6	360.7
32.5°	55.1	84.0	115.1	149.5	183.6	218.9	254.7	291.1	330.2	368.7	408.1
30°	68.5	99.4	132.1	169.0	203.4	244.1	285.6	324.2	363.6	404.1	448.7
27.5°	81.9	113.7	149.2	186.4	222.5	268.9	313.7	353.9	394.3	438.0	488.8
25°	94.3	128.2	165.3	202.0	244.3	294.1	343.1	389.7	423.9	473.6	532.9
22.5°	106.2	142.4	182.2	216.0	265.3	319.5	376.6	426.7	467.2	511.5	578.9
20°	117.9	156.9	198.0	235.9	286.5	344.8	412.4	464.1	514.3	571.5	640.3
17.5°	129.2	170.5	213.7	258.6	312.0	372.4	449.2	501.8	561.8	630.3	716.9
15°	139.8	183.1	229.4	279.8	335.0	400.0	474.1	539.8	611.6	690.6	792.9
12.5°	149.7	194.6	244.8	299.4	355.3	423.8	495.0	564.9	647.5	750.8	879.6
10°	158.9	205.0	259.8	317.4	372.9	443.9	513.4	586.1	673.3	786.8	934.3
7.5°	166.4	215.5	274.0	333.7	388.1	460.4	529.3	603.7	694.9	816.5	971.1
5°	172.8	226.5	287.2	344.3	400.8	474.7	542.7	617.6	712.1	839.8	997.4
2.5°	178.1	236.6	298.8	351.9	411.7	487.7	553.3	633.0	729.6	857.9	1022.0
0°	182.3	245.5	308.6	357.7	420.8	497.9	561.0	645.2	743.4	869.6	1044.9
-2.5°	190.8	252.8	314.4	364.3	430.4	499.6	566.1	646.9	748.6	878.7	1049.2
-5°	198.0	258.7	318.7	369.4	437.7	499.4	568.3	645.5	750.4	883.9	1056.9
-7.5°	203.5	263.2	321.5	373.3	441.5	501.7	571.5	650.5	755.9	888.7	1066.8
-10°	207.0	266.4	323.8	378.3	442.5	504.1	572.7	651.6	754.9	885.6	1061.4
-12.5°	208.9	268.3	325.0	381.0	442.3	503.9	571.0	648.5	747.2	874.5	1039.6
-15°	209.5	269.1	324.8	381.3	441.2	500.9	566.5	641.2	733.3	855.8	1005.6
-17.5°	208.9	268.7	323.5	379.0	439.6	495.1	559.5	631.3	719.2	833.7	978.0
-20°	207.1	267.2	321.0	374.0	437.3	489.8	552.5	621.9	704.5	808.3	937.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	204.1	264.7	317.6	368.9	429.5	484.8	543.4	609.5	683.7	777.4	892.1
-25°	200.7	259.7	313.1	364.9	420.7	477.2	532.0	594.7	662.9	753.0	856.2
-27.5°	196.2	253.7	307.0	359.4	411.3	466.9	520.5	579.7	647.2	726.7	818.9
-30°	189.8	245.2	298.5	351.9	403.1	455.4	507.1	563.6	627.1	702.1	787.2
-32.5°	181.6	235.7	287.8	340.7	393.9	443.8	492.4	546.7	606.4	672.2	753.1
-35°	173.3	225.4	276.2	326.6	382.7	430.8	477.7	527.5	583.0	644.1	710.1
-37.5°	165.5	214.3	264.0	311.5	364.6	414.7	460.3	507.7	558.9	615.0	675.0
-40°	157.1	202.6	251.0	297.3	343.9	395.0	440.6	486.3	533.7	589.9	643.2
-42.5°	148.4	192.6	237.4	282.8	327.3	373.0	418.5	462.3	512.3	565.6	617.9
-45°	141.1	182.1	223.8	267.9	311.8	353.1	395.7	436.7	487.5	540.7	591.8
-47.5°	132.7	171.5	211.8	251.8	294.8	336.2	374.5	415.9	459.1	509.3	563.0
-50°	123.9	160.7	197.8	235.5	276.3	317.6	356.5	394.7	435.5	476.8	523.1
-52.5°	116.3	148.5	182.9	217.5	256.1	296.5	335.8	374.1	411.6	450.4	489.9
-55°	107.5	137.0	167.4	199.7	233.5	272.2	311.2	348.5	386.9	423.1	461.8
-57.5°	97.6	124.1	151.8	182.2	212.9	244.6	282.4	319.5	355.5	392.2	432.2
-60°	86.4	110.1	135.3	163.3	193.3	222.3	252.8	287.3	322.0	356.8	393.7
-62.5°	74.9	95.5	118.2	142.6	170.1	198.7	226.6	255.9	287.2	317.4	349.4
-65°	67.3	81.7	100.8	122.5	145.1	170.6	197.1	224.2	251.7	277.3	302.0
-67.5°	59.1	72.1	86.2	102.2	122.7	144.3	165.4	189.6	214.3	237.9	260.9
-70°	50.4	62.0	74.4	87.8	102.3	120.0	139.8	159.2	178.1	197.9	219.2
-72.5°	41.3	51.3	62.2	73.7	86.2	100.1	115.4	131.9	148.8	165.1	181.8
-75°	33.9	40.5	49.4	59.1	69.9	80.8	91.9	105.0	119.3	133.6	147.6
-77.5°	27.9	34.0	40.1	46.1	53.8	63.8	73.6	83.3	93.3	104.1	115.6
-80°	22.7	27.4	33.0	38.5	43.8	49.8	56.6	64.3	71.3	78.5	86.4
-82.5°	18.9	22.5	26.5	30.8	33.9	37.1	40.7	45.2	49.9	54.7	59.7
-85°	14.5	17.4	20.1	23.0	24.4	26.0	27.8	29.7	32.7	35.7	38.6
-87.5°	7.3	8.7	10.3	12.0	12.8	13.5	14.2	14.8	16.8	18.8	20.9
-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: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	0.4	0.1	0.0	0.0	0.1	1.3	1.7	1.5	0.7	0.0	0.0
62.5°	4.1	3.4	5.4	7.2	8.0	7.7	7.1	6.4	5.4	5.0	5.7
60°	16.8	16.5	23.0	26.1	23.8	16.7	26.4	31.2	30.0	25.7	25.5
57.5°	41.2	50.0	56.4	59.2	68.6	83.6	86.4	81.5	79.7	81.3	93.9
55°	71.3	78.5	82.2	94.9	106.2	114.4	119.2	124.1	131.2	140.0	149.1
52.5°	100.9	110.7	118.2	129.6	143.1	147.8	146.6	163.9	177.5	186.1	189.6
50°	138.5	150.8	168.2	186.1	193.8	201.4	209.4	223.6	244.3	270.2	285.0
47.5°	179.1	198.4	216.8	237.1	247.4	255.4	267.3	292.1	321.7	349.5	364.0
45°	215.7	232.9	253.8	271.4	284.1	299.6	316.8	339.2	372.3	401.4	421.5
42.5°	245.0	264.4	285.9	307.2	320.1	341.1	367.2	397.8	432.4	462.6	484.9
40°	286.2	302.5	336.8	357.1	362.2	381.7	434.2	475.8	515.0	552.2	570.7
37.5°	335.9	367.8	403.5	421.9	439.9	474.4	544.6	611.9	661.8	712.2	739.7
35°	392.3	434.4	482.9	504.6	543.4	618.5	701.0	794.6	911.2	960.0	1004.5
32.5°	447.3	494.2	539.0	587.7	655.5	745.2	838.1	990.0	1131.9	1241.7	1322.0
30°	495.9	545.7	601.3	664.0	759.5	883.1	1038.3	1234.9	1434.8	1609.4	1756.9
27.5°	544.0	600.7	666.8	760.3	894.7	1062.6	1310.4	1590.8	1924.5	2170.4	2464.0
25°	596.7	661.6	746.4	882.0	1063.3	1314.4	1710.5	2165.7	2713.0	3156.8	3621.1
22.5°	659.2	754.9	862.4	1013.6	1330.3	1744.1	2285.2	3063.3	3905.2	4683.5	5433.0
20°	734.6	865.5	1038.1	1316.3	1722.9	2334.6	3274.8	4516.6	5754.7	7073.2	8342.5
17.5°	842.2	1030.9	1299.0	1695.0	2230.9	3440.9	4966.3	6887.1	9354.8	11591.1	13543.6
15°	943.2	1168.6	1592.0	2183.9	3118.6	4722.3	7039.2	10209.5	14055.4	17560.4	21262.3
12.5°	1049.2	1315.3	1801.6	2555.3	3854.0	5941.8	9197.7	13541.7	18357.4	23639.8	29656.8
10°	1133.0	1456.3	2038.5	2994.0	4595.0	7194.8	11073.2	16341.4	22740.8	30558.4	40177.0
7.5°	1189.7	1569.3	2234.2	3315.2	5277.2	8476.3	13145.1	19477.3	27477.7	37834.5	51293.4
5°	1233.9	1655.5	2381.4	3608.2	5854.2	9454.6	14680.2	22223.5	31687.5	45563.7	68372.7
2.5°	1269.5	1721.6	2472.4	3809.8	6216.4	10135.8	15710.1	23777.1	34193.4	51278.2	80869.8
0°	1297.4	1781.3	2531.7	3934.3	6494.0	10203.8	16031.6	24061.4	35092.8	52309.6	83559.2
-2.5°	1309.2	1813.2	2552.1	3961.5	6466.2	10320.8	16129.7	24288.5	35058.9	51744.4	80555.5
-5°	1328.9	1812.7	2536.7	3933.7	6321.3	10018.4	15489.1	23017.7	32943.9	47294.1	70898.5
-7.5°	1343.1	1783.8	2463.3	3755.4	5941.8	9364.8	14363.5	20912.1	29094.4	39990.1	54609.1
-10°	1330.1	1728.4	2340.9	3456.5	5351.8	8316.3	12651.9	18132.4	24932.7	33007.4	42939.9
-12.5°	1280.1	1625.9	2141.0	3037.7	4587.7	7141.7	10929.9	15596.1	20629.4	26300.3	33163.7
-15°	1216.8	1515.5	1961.0	2750.4	4021.2	5977.5	8743.2	12528.6	16566.2	20871.8	25463.2
-17.5°	1167.6	1418.5	1787.5	2358.9	3293.6	4849.2	7022.5	9711.6	12678.8	15956.8	18677.6
-20°	1100.8	1299.2	1608.8	2075.5	2788.7	3819.3	5402.2	7355.8	9313.7	11618.6	13498.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1034.0	1206.8	1442.4	1783.9	2314.6	3093.2	4071.2	5375.6	6807.5	8130.4	9432.6
-25°	972.0	1105.1	1295.7	1575.8	1935.7	2467.1	3163.2	3911.5	4855.3	5660.6	6554.3
-27.5°	921.8	1036.1	1176.7	1382.1	1661.4	2003.2	2501.6	3003.0	3499.4	3905.8	4521.1
-30°	873.3	965.3	1082.9	1229.4	1438.8	1702.2	2025.7	2351.0	2637.4	2898.7	3219.1
-32.5°	825.7	900.6	990.7	1112.3	1262.6	1460.6	1659.4	1892.5	2091.6	2275.4	2445.4
-35°	778.0	844.6	913.3	1015.8	1135.6	1276.3	1420.8	1578.8	1716.6	1840.4	1949.8
-37.5°	734.9	793.4	858.0	934.3	1030.9	1136.7	1254.8	1369.5	1460.6	1540.9	1607.3
-40°	698.6	751.8	807.1	868.2	941.6	1025.2	1125.5	1221.0	1284.8	1333.9	1374.2
-42.5°	666.1	712.9	760.1	811.9	868.3	940.6	1019.8	1098.7	1142.0	1179.9	1209.1
-45°	640.0	676.0	715.6	759.9	809.9	870.4	932.6	987.2	1025.6	1058.3	1082.6
-47.5°	605.6	640.2	674.5	711.0	757.6	808.1	859.5	901.5	935.1	963.5	982.1
-50°	567.6	604.0	635.5	667.6	710.5	753.3	794.7	829.4	861.4	889.3	903.9
-52.5°	528.3	567.4	600.4	631.8	667.8	705.1	742.5	772.1	800.2	826.5	837.5
-55°	500.0	536.1	570.2	599.7	629.3	659.2	689.7	720.5	748.2	773.1	780.6
-57.5°	469.5	506.2	539.9	566.4	593.2	620.1	648.0	675.8	702.6	726.5	732.5
-60°	432.2	472.0	501.9	526.9	552.9	579.6	603.9	628.6	653.6	674.4	681.2
-62.5°	384.8	421.1	450.6	477.0	502.1	525.2	548.9	572.0	594.4	610.9	616.3
-65°	328.0	358.8	389.3	416.8	441.6	463.9	485.8	506.9	527.2	541.7	549.0
-67.5°	283.2	305.4	329.8	353.6	378.5	401.5	421.1	439.7	457.2	469.4	477.2
-70°	240.0	261.1	284.0	306.6	328.3	347.0	362.7	378.0	392.8	403.7	411.9
-72.5°	198.6	216.5	235.7	255.6	275.4	292.3	306.7	320.3	333.1	342.5	350.1
-75°	161.3	176.1	192.2	208.3	224.4	237.8	249.8	261.6	273.0	281.2	288.2
-77.5°	128.0	140.5	153.1	165.8	178.4	188.1	197.0	205.6	214.0	220.6	226.5
-80°	94.8	104.6	114.7	124.8	134.9	142.3	148.9	155.3	161.2	165.1	168.5
-82.5°	64.8	71.7	78.7	85.8	92.9	98.4	103.7	108.9	114.0	115.8	117.1
-85°	41.4	44.8	48.5	52.4	56.4	59.5	62.3	65.1	67.7	70.1	72.4
-87.5°	23.0	23.7	24.3	24.9	25.5	27.6	29.7	31.8	33.9	34.3	34.6
-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: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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	0.7	1.5
62.5°	6.3	6.7	6.9	7.0	6.9	6.7	6.3	5.7	5.0	5.4	6.4
60°	24.0	21.3	20.8	21.0	20.8	21.3	24.0	25.5	25.7	30.0	31.2
57.5°	106.6	118.6	121.9	119.2	121.9	118.6	106.6	93.9	81.3	79.7	81.5
55°	155.3	159.0	160.7	161.3	160.7	159.0	155.3	149.1	140.0	131.2	124.1
52.5°	190.4	189.1	188.8	189.3	188.8	189.1	190.4	189.6	186.1	177.5	163.9
50°	286.1	280.9	278.8	280.5	278.8	280.9	286.1	285.0	270.2	244.3	223.6
47.5°	365.8	367.4	369.9	371.7	369.9	367.4	365.8	364.0	349.5	321.7	292.1
45°	427.1	430.9	433.4	434.8	433.4	430.9	427.1	421.5	401.4	372.3	339.2
42.5°	489.8	490.3	489.6	490.9	489.6	490.3	489.8	484.9	462.6	432.4	397.8
40°	578.3	580.1	578.2	575.1	578.2	580.1	578.3	570.7	552.2	515.0	475.8
37.5°	755.7	758.3	749.9	743.4	749.9	758.3	755.7	739.7	712.2	661.8	611.9
35°	1045.1	1075.1	1089.4	1094.0	1089.4	1075.1	1045.1	1004.5	960.0	911.2	794.6
32.5°	1377.5	1419.2	1440.2	1458.7	1440.2	1419.2	1377.5	1322.0	1241.7	1131.9	990.0
30°	1853.8	1930.7	1964.6	2012.7	1964.6	1930.7	1853.8	1756.9	1609.4	1434.8	1234.9
27.5°	2630.7	2766.0	2840.8	2910.4	2840.8	2766.0	2630.7	2464.0	2170.4	1924.5	1590.8
25°	3958.6	4219.1	4387.7	4467.2	4387.7	4219.1	3958.6	3621.1	3156.8	2713.0	2165.7
22.5°	6158.3	6638.5	7008.9	7083.1	7008.9	6638.5	6158.3	5433.0	4683.5	3905.2	3063.3
20°	9573.9	10261.0	10820.0	11101.5	10820.0	10261.0	9573.9	8342.5	7073.2	5754.7	4516.6
17.5°	15869.1	17298.3	17951.1	18058.3	17951.1	17298.3	15869.1	13543.6	11591.1	9354.8	6887.1
15°	25234.5	27652.9	29188.2	30176.7	29188.2	27652.9	25234.5	21262.3	17560.4	14055.4	10209.5
12.5°	35920.2	42792.0	46702.1	48193.0	46702.1	42792.0	35920.2	29656.8	23639.8	18357.4	13541.7
10°	50423.0	66600.2	75932.0	80627.8	75932.0	66600.2	50423.0	40177.0	30558.4	22740.8	16341.4
7.5°	75037.6	100023.7	127707.3	140514.9	127707.3	100023.7	75037.6	51293.4	37834.5	27477.7	19477.3
5°	100913.5	155772.9	203923.4	226981.0	203923.4	155772.9	100913.5	68372.7	45563.7	31687.5	22223.5
2.5°	130653.8	204636.9	273040.0	301802.1	273040.0	204636.9	130653.8	80869.8	51278.2	34193.4	23777.1
0°	142099.8	228278.4	303088.9	331319.6	303088.9	228278.4	142099.8	83559.2	52309.6	35092.8	24061.4
-2.5°	132423.3	208221.0	274215.3	306472.7	274215.3	208221.0	132423.3	80555.5	51744.4	35058.9	24288.5
-5°	105217.1	156631.4	205506.5	231791.8	205506.5	156631.4	105217.1	70898.5	47294.1	32943.9	23017.7
-7.5°	77222.8	105212.3	132355.7	141847.4	132355.7	105212.3	77222.8	54609.1	39990.1	29094.4	20912.1
-10°	53764.1	69791.7	80371.7	83390.9	80371.7	69791.7	53764.1	42939.9	33007.4	24932.7	18132.4
-12.5°	39860.6	46871.2	51749.0	52597.1	51749.0	46871.2	39860.6	33163.7	26300.3	20629.4	15596.1
-15°	29515.8	33080.9	35596.7	35766.0	35596.7	33080.9	29515.8	25463.2	20871.8	16566.2	12528.6
-17.5°	21576.2	23969.3	25238.8	25148.4	25238.8	23969.3	21576.2	18677.6	15956.8	12678.8	9711.6
-20°	15428.2	16870.7	17893.7	17693.7	17893.7	16870.7	15428.2	13498.1	11618.6	9313.7	7355.8



REPORT NUMBER: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	10757.7	11715.2	12314.6	12160.4	12314.6	11715.2	10757.7	9432.6	8130.4	6807.5	5375.6
-25°	7309.6	7831.4	8128.3	8078.9	8128.3	7831.4	7309.6	6554.3	5660.6	4855.3	3911.5
-27.5°	4981.1	5256.7	5348.7	5343.9	5348.7	5256.7	4981.1	4521.1	3905.8	3499.4	3003.0
-30°	3457.3	3642.5	3748.4	3681.8	3748.4	3642.5	3457.3	3219.1	2898.7	2637.4	2351.0
-32.5°	2576.8	2681.2	2741.7	2678.9	2741.7	2681.2	2576.8	2445.4	2275.4	2091.6	1892.5
-35°	2030.8	2083.6	2104.8	2068.8	2104.8	2083.6	2030.8	1949.8	1840.4	1716.6	1578.8
-37.5°	1655.7	1686.6	1697.2	1676.1	1697.2	1686.6	1655.7	1607.3	1540.9	1460.6	1369.5
-40°	1402.9	1421.9	1426.6	1409.6	1426.6	1421.9	1402.9	1374.2	1333.9	1284.8	1221.0
-42.5°	1227.5	1238.8	1241.5	1234.3	1241.5	1238.8	1227.5	1209.1	1179.9	1142.0	1098.7
-45°	1097.1	1106.8	1108.6	1101.0	1108.6	1106.8	1097.1	1082.6	1058.3	1025.6	987.2
-47.5°	991.4	997.4	998.9	995.8	998.9	997.4	991.4	982.1	963.5	935.1	901.5
-50°	910.5	914.6	915.0	911.7	915.0	914.6	910.5	903.9	889.3	861.4	829.4
-52.5°	842.8	845.7	847.7	848.6	847.7	845.7	842.8	837.5	826.5	800.2	772.1
-55°	785.8	789.5	791.8	792.5	791.8	789.5	785.8	780.6	773.1	748.2	720.5
-57.5°	737.3	740.7	742.7	743.4	742.7	740.7	737.3	732.5	726.5	702.6	675.8
-60°	686.7	690.8	693.4	694.3	693.4	690.8	686.7	681.2	674.4	653.6	628.6
-62.5°	619.9	621.8	623.5	624.2	623.5	621.8	619.9	616.3	610.9	594.4	572.0
-65°	554.4	558.1	560.3	561.0	560.3	558.1	554.4	549.0	541.7	527.2	506.9
-67.5°	483.4	488.3	493.5	497.9	493.5	488.3	483.4	477.2	469.4	457.2	439.7
-70°	419.1	425.4	427.3	427.8	427.3	425.4	419.1	411.9	403.7	392.8	378.0
-72.5°	356.8	362.6	367.6	371.7	367.6	362.6	356.8	350.1	342.5	333.1	320.3
-75°	294.4	299.9	301.2	301.6	301.2	299.9	294.4	288.2	281.2	273.0	261.6
-77.5°	232.0	237.0	238.1	238.4	238.1	237.0	232.0	226.5	220.6	214.0	205.6
-80°	171.6	174.4	178.5	182.3	178.5	174.4	171.6	168.5	165.1	161.2	155.3
-82.5°	118.1	118.7	119.1	119.2	119.1	118.7	118.1	117.1	115.8	114.0	108.9
-85°	74.6	76.8	77.0	77.1	77.0	76.8	74.6	72.4	70.1	67.7	65.1
-87.5°	34.8	35.0	35.1	35.1	35.1	35.0	34.8	34.6	34.3	33.9	31.8
-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: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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	0.4
65°	1.7	1.3	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	1.9
62.5°	7.1	7.7	8.0	7.2	5.4	3.4	4.1	4.9	3.4	0.7	2.4
60°	26.4	16.7	23.8	26.1	23.0	16.5	16.8	15.7	12.9	10.3	6.8
57.5°	86.4	83.6	68.6	59.2	56.4	50.0	41.2	32.8	29.0	23.3	16.4
55°	119.2	114.4	106.2	94.9	82.2	78.5	71.3	61.2	51.4	39.9	32.3
52.5°	146.6	147.8	143.1	129.6	118.2	110.7	100.9	91.2	79.3	68.1	53.1
50°	209.4	201.4	193.8	186.1	168.2	150.8	138.5	125.2	108.1	95.5	82.8
47.5°	267.3	255.4	247.4	237.1	216.8	198.4	179.1	160.4	139.1	119.2	106.7
45°	316.8	299.6	284.1	271.4	253.8	232.9	215.7	194.8	170.6	147.5	125.8
42.5°	367.2	341.1	320.1	307.2	285.9	264.4	245.0	229.0	202.7	175.7	153.9
40°	434.2	381.7	362.2	357.1	336.8	302.5	286.2	268.6	240.6	205.3	183.9
37.5°	544.6	474.4	439.9	421.9	403.5	367.8	335.9	312.9	287.6	247.9	217.3
35°	701.0	618.5	543.4	504.6	482.9	434.4	392.3	360.7	330.6	293.0	253.2
32.5°	838.1	745.2	655.5	587.7	539.0	494.2	447.3	408.1	368.7	330.2	291.1
30°	1038.3	883.1	759.5	664.0	601.3	545.7	495.9	448.7	404.1	363.6	324.2
27.5°	1310.4	1062.6	894.7	760.3	666.8	600.7	544.0	488.8	438.0	394.3	353.9
25°	1710.5	1314.4	1063.3	882.0	746.4	661.6	596.7	532.9	473.6	423.9	389.7
22.5°	2285.2	1744.1	1330.3	1013.6	862.4	754.9	659.2	578.9	511.5	467.2	426.7
20°	3274.8	2334.6	1722.9	1316.3	1038.1	865.5	734.6	640.3	571.5	514.3	464.1
17.5°	4966.3	3440.9	2230.9	1695.0	1299.0	1030.9	842.2	716.9	630.3	561.8	501.8
15°	7039.2	4722.3	3118.6	2183.9	1592.0	1168.6	943.2	792.9	690.6	611.6	539.8
12.5°	9197.7	5941.8	3854.0	2555.3	1801.6	1315.3	1049.2	879.6	750.8	647.5	564.9
10°	11073.2	7194.8	4595.0	2994.0	2038.5	1456.3	1133.0	934.3	786.8	673.3	586.1
7.5°	13145.1	8476.3	5277.2	3315.2	2234.2	1569.3	1189.7	971.1	816.5	694.9	603.7
5°	14680.2	9454.6	5854.2	3608.2	2381.4	1655.5	1233.9	997.4	839.8	712.1	617.6
2.5°	15710.1	10135.8	6216.4	3809.8	2472.4	1721.6	1269.5	1022.0	857.9	729.6	633.0
0°	16031.6	10203.8	6494.0	3934.3	2531.7	1781.3	1297.4	1044.9	869.6	743.4	645.2
-2.5°	16129.7	10320.8	6466.2	3961.5	2552.1	1813.2	1309.2	1049.2	878.7	748.6	646.9
-5°	15489.1	10018.4	6321.3	3933.7	2536.7	1812.7	1328.9	1056.9	883.9	750.4	645.5
-7.5°	14363.5	9364.8	5941.8	3755.4	2463.3	1783.8	1343.1	1066.8	888.7	755.9	650.5
-10°	12651.9	8316.3	5351.8	3456.5	2340.9	1728.4	1330.1	1061.4	885.6	754.9	651.6
-12.5°	10929.9	7141.7	4587.7	3037.7	2141.0	1625.9	1280.1	1039.6	874.5	747.2	648.5
-15°	8743.2	5977.5	4021.2	2750.4	1961.0	1515.5	1216.8	1005.6	855.8	733.3	641.2
-17.5°	7022.5	4849.2	3293.6	2358.9	1787.5	1418.5	1167.6	978.0	833.7	719.2	631.3
-20°	5402.2	3819.3	2788.7	2075.5	1608.8	1299.2	1100.8	937.4	808.3	704.5	621.9



Classified

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

Scaled Data Report



REPORT NUMBER: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	4071.2	3093.2	2314.6	1783.9	1442.4	1206.8	1034.0	892.1	777.4	683.7	609.5
-25°	3163.2	2467.1	1935.7	1575.8	1295.7	1105.1	972.0	856.2	753.0	662.9	594.7
-27.5°	2501.6	2003.2	1661.4	1382.1	1176.7	1036.1	921.8	818.9	726.7	647.2	579.7
-30°	2025.7	1702.2	1438.8	1229.4	1082.9	965.3	873.3	787.2	702.1	627.1	563.6
-32.5°	1659.4	1460.6	1262.6	1112.3	990.7	900.6	825.7	753.1	672.2	606.4	546.7
-35°	1420.8	1276.3	1135.6	1015.8	913.3	844.6	778.0	710.1	644.1	583.0	527.5
-37.5°	1254.8	1136.7	1030.9	934.3	858.0	793.4	734.9	675.0	615.0	558.9	507.7
-40°	1125.5	1025.2	941.6	868.2	807.1	751.8	698.6	643.2	589.9	533.7	486.3
-42.5°	1019.8	940.6	868.3	811.9	760.1	712.9	666.1	617.9	565.6	512.3	462.3
-45°	932.6	870.4	809.9	759.9	715.6	676.0	640.0	591.8	540.7	487.5	436.7
-47.5°	859.5	808.1	757.6	711.0	674.5	640.2	605.6	563.0	509.3	459.1	415.9
-50°	794.7	753.3	710.5	667.6	635.5	604.0	567.6	523.1	476.8	435.5	394.7
-52.5°	742.5	705.1	667.8	631.8	600.4	567.4	528.3	489.9	450.4	411.6	374.1
-55°	689.7	659.2	629.3	599.7	570.2	536.1	500.0	461.8	423.1	386.9	348.5
-57.5°	648.0	620.1	593.2	566.4	539.9	506.2	469.5	432.2	392.2	355.5	319.5
-60°	603.9	579.6	552.9	526.9	501.9	472.0	432.2	393.7	356.8	322.0	287.3
-62.5°	548.9	525.2	502.1	477.0	450.6	421.1	384.8	349.4	317.4	287.2	255.9
-65°	485.8	463.9	441.6	416.8	389.3	358.8	328.0	302.0	277.3	251.7	224.2
-67.5°	421.1	401.5	378.5	353.6	329.8	305.4	283.2	260.9	237.9	214.3	189.6
-70°	362.7	347.0	328.3	306.6	284.0	261.1	240.0	219.2	197.9	178.1	159.2
-72.5°	306.7	292.3	275.4	255.6	235.7	216.5	198.6	181.8	165.1	148.8	131.9
-75°	249.8	237.8	224.4	208.3	192.2	176.1	161.3	147.6	133.6	119.3	105.0
-77.5°	197.0	188.1	178.4	165.8	153.1	140.5	128.0	115.6	104.1	93.3	83.3
-80°	148.9	142.3	134.9	124.8	114.7	104.6	94.8	86.4	78.5	71.3	64.3
-82.5°	103.7	98.4	92.9	85.8	78.7	71.7	64.8	59.7	54.7	49.9	45.2
-85°	62.3	59.5	56.4	52.4	48.5	44.8	41.4	38.6	35.7	32.7	29.7
-87.5°	29.7	27.6	25.5	24.9	24.3	23.7	23.0	20.9	18.8	16.8	14.8
-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: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.5	0.4
70°	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.9	2.6	2.9	2.1
67.5°	0.0	0.0	0.0	1.5	2.4	2.0	0.5	1.2	2.8	4.5	3.9
65°	2.4	1.7	0.1	1.8	3.5	4.5	3.4	2.1	3.1	4.7	5.8
62.5°	4.1	5.3	4.0	2.9	3.9	5.5	6.5	4.4	3.6	5.0	6.6
60°	4.6	6.3	7.1	5.5	4.9	5.9	7.0	6.4	5.1	5.3	6.8
57.5°	12.3	7.9	7.9	7.6	6.3	6.5	7.0	7.0	6.2	5.9	7.0
55°	22.9	16.7	11.8	9.5	7.9	6.9	7.2	7.0	7.0	6.5	7.0
52.5°	39.8	28.9	21.2	14.3	10.6	7.9	8.0	7.0	7.0	6.9	7.0
50°	63.5	45.6	33.4	24.1	15.0	11.7	9.1	8.1	7.0	7.0	7.0
47.5°	92.8	68.2	48.8	35.2	24.7	15.9	12.5	9.7	7.0	7.0	7.0
45°	114.5	95.1	68.0	49.2	34.7	23.9	16.8	11.5	8.7	7.2	7.0
42.5°	135.8	118.3	92.5	63.0	47.7	33.0	21.5	15.5	10.6	7.7	7.3
40°	163.1	141.1	116.0	85.9	61.9	41.9	29.2	20.0	12.8	8.9	7.8
37.5°	191.3	166.7	139.2	108.0	78.1	55.5	37.0	24.7	16.2	11.4	8.5
35°	222.8	193.3	162.2	129.0	97.2	69.6	44.5	30.3	20.6	14.0	9.3
32.5°	254.7	218.9	183.6	149.5	115.1	84.0	55.1	37.5	24.9	16.7	10.3
30°	285.6	244.1	203.4	169.0	132.1	99.4	68.5	45.4	29.1	19.5	11.7
27.5°	313.7	268.9	222.5	186.4	149.2	113.7	81.9	53.9	33.1	22.6	13.9
25°	343.1	294.1	244.3	202.0	165.3	128.2	94.3	62.9	38.9	26.0	16.2
22.5°	376.6	319.5	265.3	216.0	182.2	142.4	106.2	73.7	46.0	29.1	18.5
20°	412.4	344.8	286.5	235.9	198.0	156.9	117.9	83.6	53.1	32.1	20.7
17.5°	449.2	372.4	312.0	258.6	213.7	170.5	129.2	92.6	60.3	35.0	22.9
15°	474.1	400.0	335.0	279.8	229.4	183.1	139.8	100.7	67.5	37.6	25.1
12.5°	495.0	423.8	355.3	299.4	244.8	194.6	149.7	108.1	74.4	41.1	27.2
10°	513.4	443.9	372.9	317.4	259.8	205.0	158.9	114.6	80.8	45.6	29.2
7.5°	529.3	460.4	388.1	333.7	274.0	215.5	166.4	120.3	86.3	50.2	30.9
5°	542.7	474.7	400.8	344.3	287.2	226.5	172.8	125.3	91.0	54.7	32.5
2.5°	553.3	487.7	411.7	351.9	298.8	236.6	178.1	129.6	95.0	59.1	33.9
0°	561.0	497.9	420.8	357.7	308.6	245.5	182.3	133.2	98.2	63.1	35.1
-2.5°	566.1	499.6	430.4	364.3	314.4	252.8	190.8	137.7	100.8	66.7	37.2
-5°	568.3	499.4	437.7	369.4	318.7	258.7	198.0	141.5	102.8	69.8	39.1
-7.5°	571.5	501.7	441.5	373.3	321.5	263.2	203.5	144.2	104.4	72.3	40.8
-10°	572.7	504.1	442.5	378.3	323.8	266.4	207.0	146.0	105.5	74.2	42.3
-12.5°	571.0	503.9	442.3	381.0	325.0	268.3	208.9	148.7	106.5	75.3	43.6
-15°	566.5	500.9	441.2	381.3	324.8	269.1	209.5	151.3	108.7	75.6	44.7
-17.5°	559.5	495.1	439.6	379.0	323.5	268.7	208.9	152.4	109.8	75.1	45.8
-20°	552.5	489.8	437.3	374.0	321.0	267.2	207.1	152.2	109.8	74.0	46.7

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REPORT NUMBER: P627868 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	543.4	484.8	429.5	368.9	317.6	264.7	204.1	150.4	108.5	72.3	47.3
-25°	532.0	477.2	420.7	364.9	313.1	259.7	200.7	147.1	106.0	70.1	47.5
-27.5°	520.5	466.9	411.3	359.4	307.0	253.7	196.2	144.0	102.4	67.3	47.4
-30°	507.1	455.4	403.1	351.9	298.5	245.2	189.8	139.2	98.6	65.8	46.8
-32.5°	492.4	443.8	393.9	340.7	287.8	235.7	181.6	132.5	94.2	65.0	46.3
-35°	477.7	430.8	382.7	326.6	276.2	225.4	173.3	124.1	89.2	63.7	45.6
-37.5°	460.3	414.7	364.6	311.5	264.0	214.3	165.5	119.3	83.7	61.8	44.8
-40°	440.6	395.0	343.9	297.3	251.0	202.6	157.1	114.9	80.1	59.5	43.7
-42.5°	418.5	373.0	327.3	282.8	237.4	192.6	148.4	109.5	78.4	57.6	42.5
-45°	395.7	353.1	311.8	267.9	223.8	182.1	141.1	103.5	76.0	55.9	41.2
-47.5°	374.5	336.2	294.8	251.8	211.8	171.5	132.7	99.6	72.7	54.0	39.8
-50°	356.5	317.6	276.3	235.5	197.8	160.7	123.9	94.4	70.0	51.9	38.1
-52.5°	335.8	296.5	256.1	217.5	182.9	148.5	116.3	88.2	66.1	49.3	36.0
-55°	311.2	272.2	233.5	199.7	167.4	137.0	107.5	81.8	61.2	46.4	33.6
-57.5°	282.4	244.6	212.9	182.2	151.8	124.1	97.6	74.1	56.7	43.1	30.9
-60°	252.8	222.3	193.3	163.3	135.3	110.1	86.4	66.4	52.2	39.4	27.9
-62.5°	226.6	198.7	170.1	142.6	118.2	95.5	74.9	60.4	47.2	35.3	24.7
-65°	197.1	170.6	145.1	122.5	100.8	81.7	67.3	54.0	41.8	30.9	21.7
-67.5°	165.4	144.3	122.7	102.2	86.2	72.1	59.1	47.0	36.1	26.2	19.9
-70°	139.8	120.0	102.3	87.8	74.4	62.0	50.4	39.7	30.0	23.4	18.0
-72.5°	115.4	100.1	86.2	73.7	62.2	51.3	41.3	32.6	26.1	20.5	15.8
-75°	91.9	80.8	69.9	59.1	49.4	40.5	33.9	27.4	22.0	17.4	13.9
-77.5°	73.6	63.8	53.8	46.1	40.1	34.0	27.9	22.0	18.2	15.1	11.9
-80°	56.6	49.8	43.8	38.5	33.0	27.4	22.7	18.5	15.7	12.8	10.0
-82.5°	40.7	37.1	33.9	30.8	26.5	22.5	18.9	15.7	13.1	10.6	7.8
-85°	27.8	26.0	24.4	23.0	20.1	17.4	14.5	11.8	9.3	7.1	5.2
-87.5°	14.2	13.5	12.8	12.0	10.3	8.7	7.3	5.9	4.7	3.6	2.6
-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-SA6C-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	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.8	0.0
75°	0.2	0.6	0.1	0.0	0.1	0.9	0.0
72.5°	0.4	1.1	0.8	0.0	0.2	1.1	0.0
70°	0.8	1.6	1.4	0.1	0.3	1.3	0.0
67.5°	2.5	2.2	2.1	0.8	0.4	1.4	0.0
65°	4.0	3.0	2.8	1.5	0.6	1.6	0.0
62.5°	5.5	4.0	3.6	2.2	0.7	1.8	0.0
60°	6.9	4.9	4.4	3.0	0.9	2.0	0.0
57.5°	7.0	5.7	4.9	3.7	1.5	2.2	0.0
55°	7.0	6.5	5.4	4.4	2.1	2.4	0.0
52.5°	7.0	7.0	5.8	5.2	2.6	2.6	0.0
50°	7.0	7.0	6.2	6.0	3.2	2.8	0.0
47.5°	7.0	7.0	6.5	6.6	3.6	3.0	0.0
45°	7.0	7.0	6.7	6.8	4.1	3.2	0.0
42.5°	7.0	7.0	6.9	7.0	4.5	3.4	0.0
40°	7.0	7.0	7.0	7.0	4.9	3.6	0.0
37.5°	7.0	7.0	7.0	7.0	5.2	3.9	0.0
35°	7.0	7.0	7.0	7.0	5.5	4.1	0.0
32.5°	7.2	7.0	7.0	7.0	5.8	4.3	0.0
30°	7.9	7.0	7.0	7.0	6.1	4.5	0.0
27.5°	8.7	7.0	7.0	7.0	6.3	4.8	0.0
25°	9.5	7.0	7.0	7.0	6.4	5.0	0.0
22.5°	10.4	7.1	7.0	7.0	6.6	5.2	0.0
20°	11.3	7.6	7.0	7.0	6.7	5.5	0.0
17.5°	12.6	8.3	7.0	7.0	6.8	5.7	0.0
15°	14.0	9.0	7.0	7.0	6.9	5.9	0.0
12.5°	15.3	9.8	7.0	7.0	6.9	6.1	0.0
10°	16.6	10.6	7.0	7.0	7.0	6.3	0.0
7.5°	17.8	11.5	7.0	7.0	7.0	6.5	0.0
5°	19.0	12.3	7.0	7.0	7.0	6.7	0.0
2.5°	20.0	13.2	7.0	7.0	7.0	6.8	0.0
0°	21.0	14.0	7.0	7.0	7.0	7.0	0.0
-2.5°	22.8	14.7	7.6	7.0	7.0	7.0	0.0
-5°	24.6	15.4	8.2	7.0	7.0	7.0	0.0
-7.5°	26.1	16.0	8.8	7.0	7.0	6.9	0.0
-10°	27.5	16.5	9.3	7.0	7.0	6.9	0.0
-12.5°	28.7	17.0	9.8	7.0	7.0	6.8	0.0
-15°	29.5	17.4	10.2	7.0	7.0	6.8	0.0
-17.5°	30.1	17.7	10.5	7.0	7.0	6.7	0.0
-20°	30.6	17.9	10.7	7.0	7.0	6.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.9	18.1	10.7	7.0	7.0	6.5	0.0
-25°	31.1	18.5	10.7	7.0	7.0	6.3	0.0
-27.5°	31.1	19.0	10.5	7.0	7.0	6.2	0.0
-30°	30.9	19.3	10.3	7.0	7.0	6.1	0.0
-32.5°	30.6	19.5	10.3	7.0	7.0	5.9	0.0
-35°	30.5	19.5	10.1	7.0	7.0	5.7	0.0
-37.5°	30.4	19.3	9.9	7.0	7.0	5.6	0.0
-40°	30.0	18.9	9.5	7.0	7.0	5.4	0.0
-42.5°	29.4	18.3	9.4	7.1	7.0	5.2	0.0
-45°	28.5	17.6	9.7	7.2	7.0	4.9	0.0
-47.5°	27.3	16.6	9.9	7.4	7.0	4.7	0.0
-50°	25.9	15.5	9.9	7.5	7.0	4.5	0.0
-52.5°	24.3	14.3	10.0	7.6	7.0	4.3	0.0
-55°	22.4	13.9	9.9	7.6	7.0	4.0	0.0
-57.5°	20.3	13.5	9.8	7.6	7.0	3.8	0.0
-60°	18.1	13.1	9.6	7.5	7.0	3.5	0.0
-62.5°	17.2	12.5	9.3	7.4	6.5	3.2	0.0
-65°	16.2	11.9	9.0	7.3	5.9	3.0	0.0
-67.5°	14.9	11.1	8.6	7.2	5.4	2.7	0.0
-70°	13.6	10.3	8.1	7.0	4.8	2.4	0.0
-72.5°	12.1	9.4	7.6	6.3	4.2	2.1	0.0
-75°	10.6	8.4	7.1	5.4	3.6	1.8	0.0
-77.5°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
-80°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
-82.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-85°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)