

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: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627968 (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-SA6E-722-U-NR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

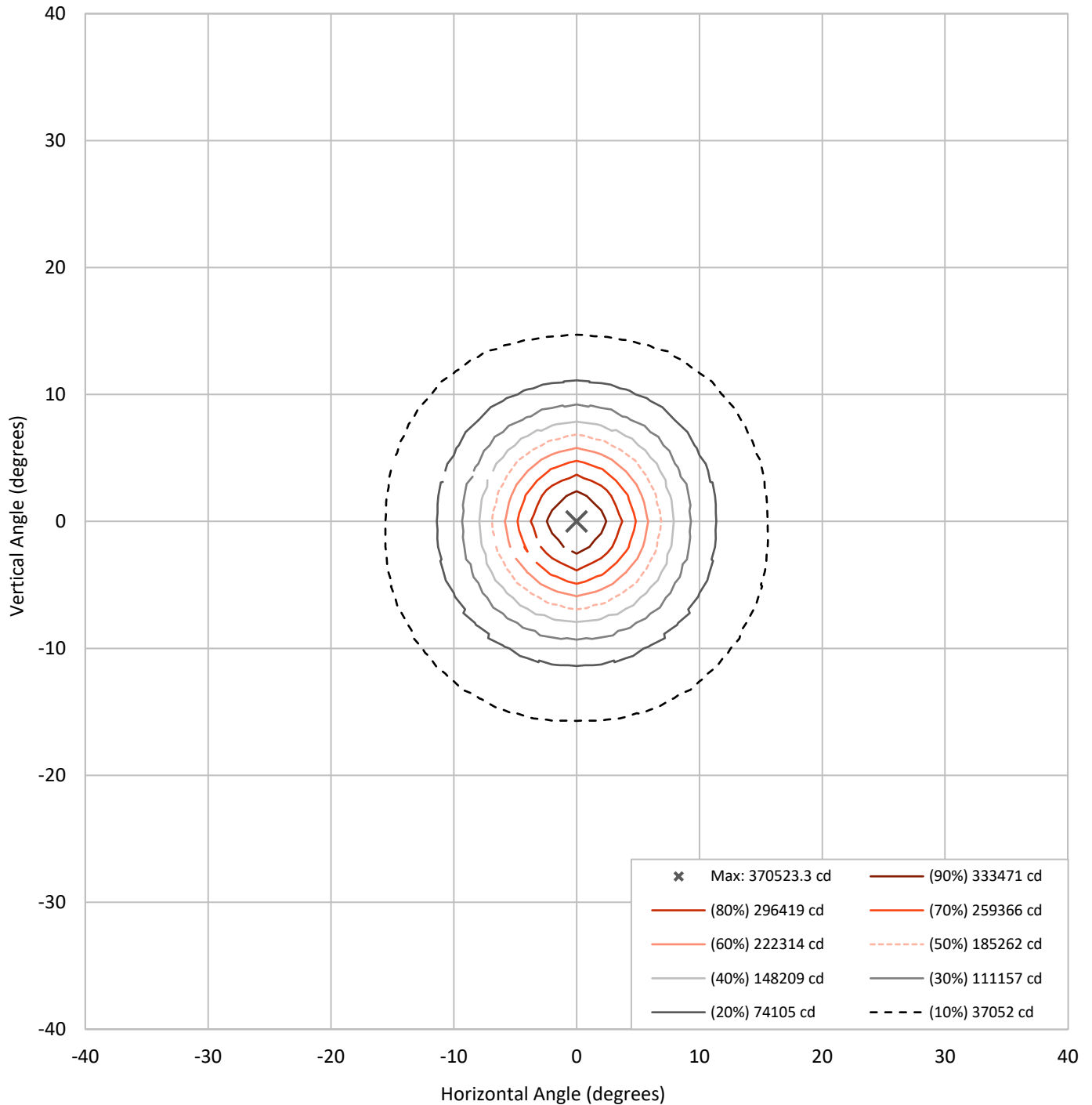
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	36552.8 lumens	Max Intensity:	370523.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	11669.3 lumens	Field Lumens:	25991.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	376.7		
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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CATALOG NUMBER: GFLD-SA6E-722-U-NR-VSR-XX

### Iso-Candela Plot





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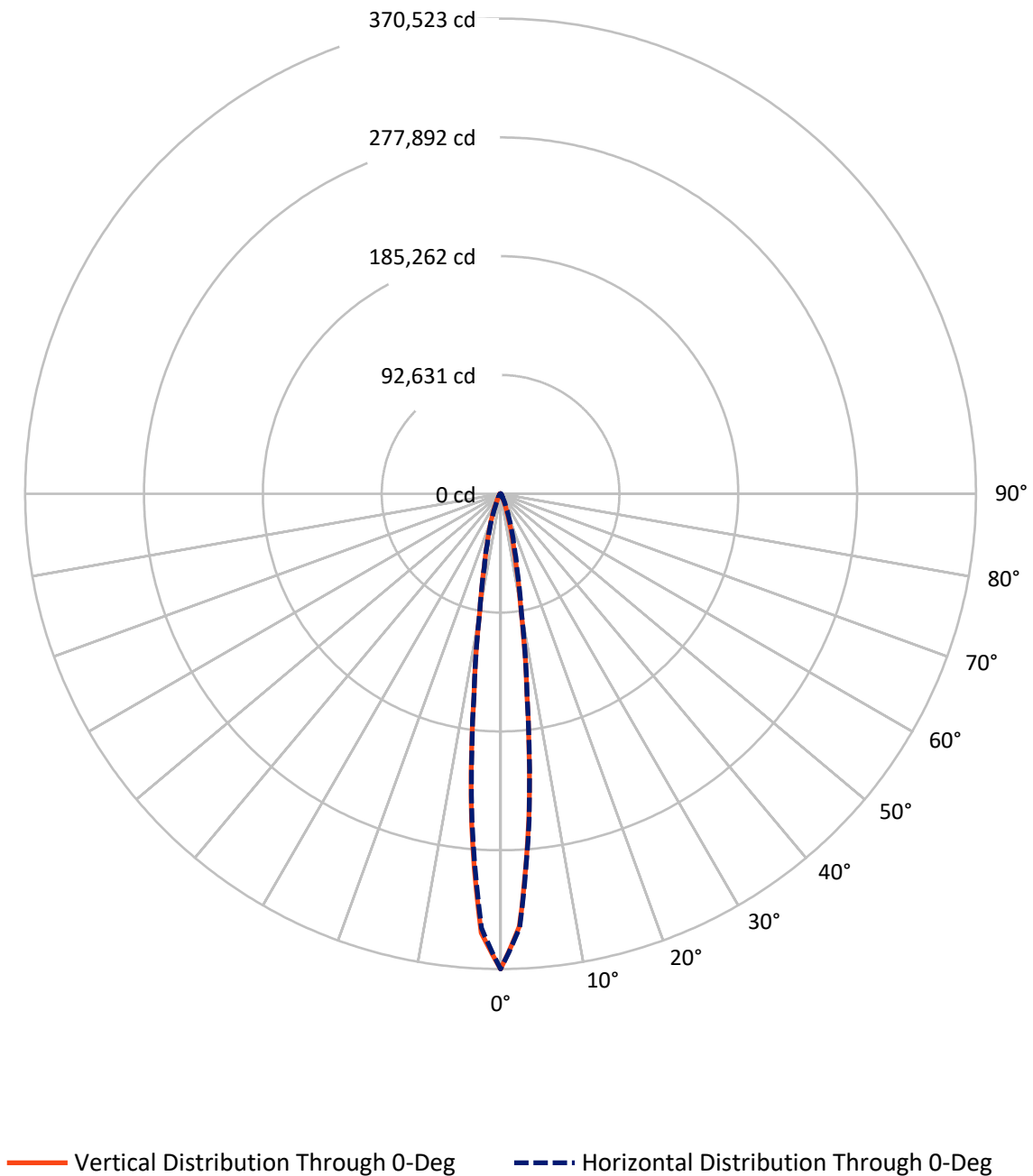
CATALOG NUMBER: GFLD-SA6E-722-U-NR-VSR-XX

### 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	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.1								
50		0.1	0.2	0.9	2.0	3.2	4.3	5.2	5.2	4.3	3.2	2.0	0.9	0.2	0.1									
40	0.2	0.2	1.1	3.2	5.9	8.8	12.3	14.5	14.5	12.3	8.8	5.9	3.2	1.1	0.2	0.2								
30		0.5	2.6	6.2	11.1	17.5	29.7	37.8	37.8	29.7	17.5	11.1	6.2	2.6	0.5									
20	0.3	1.0	4.1	9.4	17.1	37.2	99.3	164.4	164.4	99.3	37.2	17.1	9.4	4.1	1.0	0.3								
10		1.6	5.6	13.0	28.3	111.1	468.6	1029.9	1029.9	468.6	111.1	28.3	13.0	5.6	1.6									
0	0.6	2.0	6.8	15.3	38.4	208.6	1122.8	5035.4	5035.4	1122.8	208.6	38.4	15.3	6.8	2.0	0.6								
-10		2.2	7.4	16.1	41.2	222.3	1162.2	5120.9	5120.9	1162.2	222.3	41.2	16.1	7.4	2.2									
-20	0.7	2.4	7.5	15.8	36.2	141.5	564.1	1206.7	1206.7	564.1	141.5	36.2	15.8	7.5	2.4	0.7								
-30		2.3	7.2	14.6	27.9	66.1	173.8	289.7	289.7	173.8	66.1	27.9	14.6	7.2	2.3									
-40	0.6	2.0	6.5	12.8	21.9	36.3	59.1	75.1	75.1	59.1	36.3	21.9	12.8	6.5	2.0	0.6								
-50		1.6	5.3	10.7	17.7	25.4	34.1	38.0	38.0	34.1	25.4	17.7	10.7	5.3	1.6									
-60	0.4	1.3	4.0	8.4	13.9	19.5	24.6	26.9	26.9	24.6	19.5	13.9	8.4	4.0	1.3	0.4								
-70		0.8	2.5	5.4	9.3	13.6	17.2	18.8	18.8	17.2	13.6	9.3	5.4	2.5	0.8									
-80	0.2	2.2	9.2	20.2	25.6	20.2	9.2	2.2	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

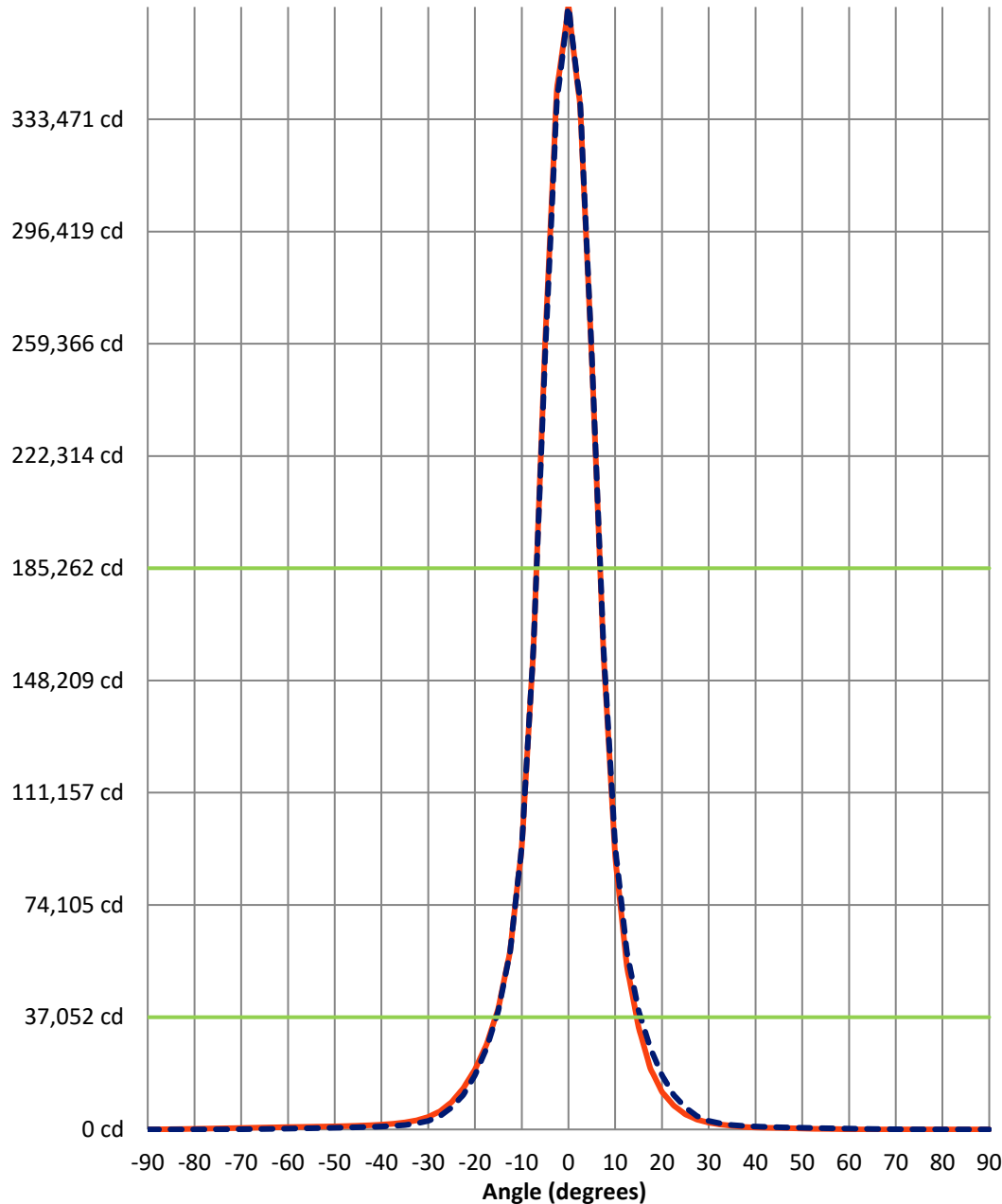
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.6°  
V Angle: 13.6°  
Lumens: 11669.3  
Efficiency: 31.9%

**Field:**  
H Angle: 30.9°  
V Angle: 30.2°  
Lumens: 25991.4  
Efficiency: 71.1%

**Spill:**  
Lumens: 10561.4  
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	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.0	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.2	0.2	0.0	0.8	1.2	0.4	0.5	1.7	1.7	0.7
70°	0.0	1.4	0.3	0.1	1.6	1.8	0.9	2.4	3.3	2.9	1.0
67.5°	0.0	1.6	0.5	0.9	2.3	2.4	2.8	4.4	5.0	3.2	1.3
65°	0.0	1.8	0.6	1.7	3.2	3.3	4.5	6.5	5.3	3.5	2.3
62.5°	0.0	2.0	0.8	2.5	4.0	4.4	6.1	7.3	5.5	4.1	4.9
60°	0.0	2.2	1.0	3.3	4.9	5.4	7.6	7.6	5.9	5.6	7.1
57.5°	0.0	2.4	1.7	4.1	5.5	6.4	7.8	7.8	6.6	7.0	7.8
55°	0.0	2.6	2.3	4.9	6.0	7.2	7.8	7.8	7.2	7.8	7.8
52.5°	0.0	2.9	2.9	5.8	6.5	7.8	7.8	7.8	7.6	7.8	7.8
50°	0.0	3.1	3.5	6.7	6.9	7.8	7.8	7.8	7.8	7.8	9.1
47.5°	0.0	3.3	4.1	7.4	7.2	7.8	7.8	7.8	7.8	7.8	10.8
45°	0.0	3.6	4.6	7.6	7.5	7.8	7.8	7.8	8.1	9.7	12.9
42.5°	0.0	3.8	5.0	7.7	7.7	7.8	7.8	8.1	8.6	11.9	17.3
40°	0.0	4.1	5.4	7.8	7.8	7.8	7.8	8.7	10.0	14.4	22.4
37.5°	0.0	4.3	5.8	7.8	7.8	7.8	7.8	9.5	12.7	18.1	27.6
35°	0.0	4.6	6.2	7.8	7.8	7.8	7.8	10.4	15.6	23.1	33.8
32.5°	0.0	4.8	6.5	7.8	7.8	7.8	8.0	11.5	18.7	27.9	41.9
30°	0.0	5.1	6.8	7.8	7.8	7.8	8.9	13.1	21.8	32.5	50.7
27.5°	0.0	5.3	7.0	7.8	7.8	7.8	9.7	15.6	25.3	37.0	60.2
25°	0.0	5.6	7.2	7.8	7.8	7.8	10.7	18.1	29.0	43.5	70.4
22.5°	0.0	5.8	7.3	7.8	7.8	7.9	11.7	20.6	32.6	51.4	82.4
20°	0.0	6.1	7.5	7.8	7.8	8.5	12.7	23.2	35.9	59.4	93.4
17.5°	0.0	6.3	7.6	7.8	7.8	9.2	14.1	25.6	39.1	67.5	103.5
15°	0.0	6.6	7.7	7.8	7.8	10.0	15.7	28.1	42.0	75.4	112.6
12.5°	0.0	6.8	7.7	7.8	7.8	10.9	17.2	30.4	46.0	83.1	120.9
10°	0.0	7.0	7.8	7.8	7.8	11.9	18.6	32.6	51.1	90.3	128.1
7.5°	0.0	7.2	7.8	7.8	7.8	12.9	20.0	34.6	56.2	96.5	134.5
5°	0.0	7.4	7.8	7.8	7.8	13.8	21.2	36.3	61.2	101.8	140.1
2.5°	0.0	7.6	7.8	7.8	7.8	14.8	22.4	37.9	66.1	106.2	144.9
0°	0.0	7.8	7.8	7.8	7.8	15.7	23.5	39.2	70.6	109.8	149.0
-2.5°	0.0	7.8	7.8	7.8	8.5	16.5	25.6	41.6	74.6	112.7	154.1
-5°	0.0	7.8	7.8	7.8	9.2	17.3	27.5	43.7	78.1	115.0	158.2
-7.5°	0.0	7.7	7.8	7.8	9.8	17.9	29.2	45.6	80.8	116.7	161.3
-10°	0.0	7.7	7.8	7.8	10.4	18.5	30.7	47.3	82.9	118.0	163.2
-12.5°	0.0	7.6	7.8	7.8	10.9	19.0	32.0	48.8	84.2	119.2	166.3
-15°	0.0	7.5	7.8	7.8	11.4	19.5	33.0	50.0	84.5	121.5	169.1
-17.5°	0.0	7.4	7.8	7.8	11.7	19.8	33.7	51.2	83.9	122.8	170.5
-20°	0.0	7.3	7.8	7.8	11.9	20.1	34.1	52.2	82.7	122.7	170.2

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REPORT NUMBER: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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	7.2	7.8	7.8	12.0	20.3	34.6	52.9	80.8	121.3	168.2
-25°	0.0	7.1	7.8	7.8	12.0	20.8	34.8	53.1	78.3	118.5	164.5
-27.5°	0.0	6.9	7.8	7.8	11.8	21.3	34.8	52.9	75.2	114.5	161.0
-30°	0.0	6.8	7.8	7.8	11.5	21.7	34.6	52.3	73.6	110.2	155.6
-32.5°	0.0	6.6	7.8	7.8	11.5	21.8	34.2	51.8	72.7	105.3	148.2
-35°	0.0	6.4	7.8	7.8	11.3	21.8	34.1	51.0	71.2	99.7	138.8
-37.5°	0.0	6.2	7.8	7.8	11.0	21.6	34.0	50.1	69.1	93.5	133.4
-40°	0.0	6.0	7.8	7.8	10.6	21.1	33.6	48.9	66.5	89.5	128.5
-42.5°	0.0	5.7	7.8	7.9	10.5	20.5	32.8	47.5	64.4	87.7	122.4
-45°	0.0	5.5	7.8	8.1	10.8	19.6	31.9	46.0	62.5	85.0	115.8
-47.5°	0.0	5.3	7.8	8.2	11.0	18.6	30.6	44.5	60.4	81.3	111.3
-50°	0.0	5.0	7.8	8.4	11.1	17.4	29.0	42.5	58.1	78.3	105.6
-52.5°	0.0	4.7	7.8	8.4	11.1	15.9	27.2	40.2	55.2	73.9	98.7
-55°	0.0	4.5	7.8	8.5	11.1	15.5	25.1	37.6	51.9	68.4	91.5
-57.5°	0.0	4.2	7.8	8.4	10.9	15.1	22.7	34.6	48.1	63.4	82.9
-60°	0.0	3.9	7.8	8.4	10.7	14.7	20.3	31.2	44.0	58.3	74.3
-62.5°	0.0	3.6	7.2	8.3	10.4	14.0	19.3	27.6	39.4	52.8	67.6
-65°	0.0	3.3	6.6	8.2	10.0	13.3	18.1	24.3	34.5	46.7	60.3
-67.5°	0.0	3.0	6.0	8.0	9.6	12.5	16.7	22.3	29.3	40.3	52.6
-70°	0.0	2.7	5.3	7.8	9.1	11.5	15.2	20.1	26.2	33.5	44.4
-72.5°	0.0	2.3	4.7	7.0	8.5	10.5	13.6	17.7	22.9	29.2	36.4
-75°	0.0	2.0	4.0	6.0	7.9	9.4	11.8	15.5	19.5	24.6	30.6
-77.5°	0.0	1.7	3.4	5.1	6.7	8.2	10.0	13.3	16.9	20.4	24.6
-80°	0.0	1.4	2.7	4.1	5.4	6.7	8.0	11.1	14.4	17.6	20.8
-82.5°	0.0	1.0	2.0	3.0	4.1	5.1	6.0	8.7	11.8	14.7	17.6
-85°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	5.8	8.0	10.4	13.2
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.9	4.0	5.2	6.6
-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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**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	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.2	2.6	1.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.8	5.1	3.9	2.0	0.1	1.8	2.6	2.1	0.2	0.0	0.0
62.5°	7.2	6.1	4.3	3.2	4.4	5.9	4.6	2.7	0.7	3.8	5.5
60°	7.8	6.6	5.5	6.2	7.9	7.0	5.1	7.6	11.5	14.5	17.5
57.5°	7.8	7.2	7.1	8.4	8.9	8.9	13.8	18.4	26.0	32.4	36.7
55°	8.0	7.7	8.9	10.6	13.2	18.7	25.6	36.1	44.5	57.4	68.4
52.5°	8.9	8.8	11.9	16.1	23.7	32.3	44.6	59.4	76.1	88.7	102.1
50°	10.1	13.1	16.8	26.9	37.4	51.0	71.0	92.6	106.8	121.0	140.1
47.5°	13.9	17.8	27.6	39.3	54.6	76.2	103.8	119.3	133.3	155.6	179.4
45°	18.8	26.7	38.8	55.0	76.0	106.3	128.1	140.8	165.0	190.7	217.9
42.5°	24.1	36.8	53.3	70.5	103.5	132.3	151.9	172.1	196.5	226.7	256.1
40°	32.6	46.8	69.3	96.1	129.7	157.9	182.4	205.6	229.6	269.0	300.4
37.5°	41.3	62.1	87.3	120.8	155.7	186.4	213.9	243.0	277.3	321.7	349.9
35°	49.8	77.8	108.8	144.3	181.4	216.2	249.1	283.2	327.7	369.7	403.4
32.5°	61.7	94.0	128.8	167.2	205.4	244.8	284.8	325.5	369.3	412.3	456.4
30°	76.5	111.2	147.8	189.1	227.4	273.0	319.4	362.6	406.6	451.9	501.8
27.5°	91.5	127.2	166.9	208.5	248.8	300.7	350.9	395.8	441.0	489.8	546.6
25°	105.4	143.4	184.9	225.9	273.2	328.9	383.8	435.8	474.1	529.7	596.0
22.5°	118.7	159.2	203.8	241.6	296.8	357.4	421.1	477.2	522.5	572.1	647.4
20°	131.9	175.5	221.5	263.8	320.4	385.5	461.2	519.0	575.2	639.1	716.0
17.5°	144.5	190.7	239.0	289.2	349.0	416.4	502.3	561.2	628.3	704.9	801.8
15°	156.4	204.8	256.5	313.0	374.7	447.3	530.2	603.7	683.9	772.3	886.8
12.5°	167.4	217.6	273.8	334.9	397.3	473.9	553.6	631.7	724.1	839.7	983.7
10°	177.6	229.2	290.5	355.0	417.1	496.4	574.2	655.5	753.0	879.9	1044.9
7.5°	186.1	241.0	306.4	373.2	434.0	514.9	592.0	675.1	777.1	913.2	1085.9
5°	193.3	253.3	321.2	385.0	448.2	530.8	606.9	690.6	796.4	939.2	1115.3
2.5°	199.2	264.6	334.1	393.6	460.4	545.4	618.7	707.8	815.9	959.4	1142.9
0°	203.9	274.5	345.1	400.0	470.6	556.8	627.4	721.5	831.3	972.5	1168.6
-2.5°	213.4	282.7	351.6	407.4	481.4	558.7	633.1	723.5	837.1	982.7	1173.4
-5°	221.4	289.3	356.4	413.1	489.4	558.5	635.5	721.9	839.2	988.5	1181.9
-7.5°	227.5	294.3	359.6	417.5	493.8	561.1	639.1	727.5	845.3	993.8	1193.0
-10°	231.5	298.0	362.2	423.1	494.9	563.8	640.4	728.7	844.2	990.4	1186.9
-12.5°	233.6	300.1	363.4	426.1	494.6	563.5	638.6	725.3	835.6	978.0	1162.6
-15°	234.3	300.9	363.3	426.5	493.4	560.2	633.6	717.0	820.0	957.0	1124.6
-17.5°	233.6	300.5	361.8	423.9	491.7	553.7	625.7	705.9	804.3	932.3	1093.7
-20°	231.6	298.8	359.0	418.2	489.0	547.7	618.0	695.4	787.9	903.9	1048.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	228.3	296.0	355.1	412.5	480.3	542.2	607.8	681.6	764.5	869.4	997.6
-25°	224.5	290.5	350.2	408.1	470.4	533.7	594.9	665.1	741.3	842.1	957.5
-27.5°	219.5	283.8	343.3	402.0	460.0	522.2	582.0	648.3	723.8	812.7	915.8
-30°	212.3	274.2	333.8	393.6	450.8	509.3	567.1	630.3	701.3	785.2	880.4
-32.5°	203.1	263.6	321.9	381.0	440.5	496.3	550.7	611.4	678.1	751.6	842.2
-35°	193.8	252.1	308.9	365.3	428.0	481.8	534.2	589.9	652.0	720.3	794.1
-37.5°	185.1	239.7	295.2	348.4	407.8	463.8	514.8	567.7	625.1	687.8	754.8
-40°	175.7	226.5	280.7	332.5	384.6	441.8	492.7	543.8	596.8	659.7	719.3
-42.5°	166.0	215.4	265.5	316.3	366.0	417.2	468.0	517.0	572.9	632.5	690.9
-45°	157.8	203.8	250.3	299.6	348.7	394.9	442.6	488.4	545.2	604.7	661.8
-47.5°	148.3	191.9	236.9	281.6	329.8	376.0	418.8	465.1	513.5	569.6	629.6
-50°	138.5	179.7	221.3	263.4	309.0	355.2	398.7	441.5	487.1	533.3	585.0
-52.5°	130.1	166.1	204.6	243.4	286.5	331.6	375.5	418.4	460.3	503.7	547.9
-55°	120.2	153.2	187.2	223.4	261.2	304.5	348.0	389.8	432.6	473.2	516.4
-57.5°	109.2	138.8	169.8	203.7	238.1	273.6	315.8	357.4	397.6	438.6	483.3
-60°	96.7	123.2	151.3	182.6	216.1	248.6	282.8	321.3	360.2	399.0	440.3
-62.5°	83.9	106.8	132.2	159.5	190.2	222.2	253.4	286.3	321.2	355.0	390.7
-65°	75.2	91.4	112.7	137.0	162.3	190.8	220.4	250.7	281.5	310.2	337.7
-67.5°	66.0	80.7	96.4	114.3	137.2	161.3	185.0	212.1	239.7	266.1	291.8
-70°	56.3	69.3	83.3	98.2	114.4	134.2	156.3	178.0	199.2	221.3	245.2
-72.5°	46.1	57.4	69.5	82.5	96.4	111.9	129.0	147.5	166.4	184.7	203.3
-75°	37.9	45.3	55.2	66.2	78.2	90.4	102.8	117.4	133.4	149.4	165.1
-77.5°	31.2	38.0	44.8	51.6	60.1	71.3	82.3	93.2	104.3	116.4	129.4
-80°	25.3	30.7	36.9	43.1	48.9	55.7	63.3	71.9	79.7	87.8	96.6
-82.5°	21.2	25.2	29.6	34.5	37.9	41.5	45.6	50.6	55.8	61.2	66.7
-85°	16.2	19.5	22.5	25.7	27.3	29.1	31.0	33.2	36.6	39.9	43.1
-87.5°	8.1	9.8	11.6	13.5	14.3	15.1	15.9	16.6	18.8	21.0	23.3
-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: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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	1.4	1.9	1.7	0.7	0.0	0.0
62.5°	4.6	3.8	6.1	8.1	8.9	8.6	8.0	7.1	6.1	5.6	6.4
60°	18.8	18.5	25.7	29.2	26.6	18.7	29.5	34.8	33.5	28.7	28.5
57.5°	46.0	55.9	63.1	66.2	76.7	93.5	96.7	91.1	89.1	90.9	105.0
55°	79.8	87.8	91.9	106.1	118.8	127.9	133.3	138.7	146.8	156.6	166.8
52.5°	112.8	123.8	132.2	145.0	160.1	165.3	163.9	183.3	198.4	208.1	212.1
50°	154.9	168.6	188.1	208.1	216.7	225.2	234.1	250.0	273.2	302.1	318.7
47.5°	200.3	221.9	242.4	265.1	276.6	285.6	299.0	326.7	359.8	390.9	407.1
45°	241.2	260.4	283.8	303.5	317.8	335.1	354.4	379.5	416.4	449.0	471.4
42.5°	274.0	295.6	319.8	343.6	358.0	381.4	410.7	444.8	483.5	517.3	542.3
40°	320.0	338.4	376.7	399.3	405.1	426.9	485.6	532.1	575.9	617.5	638.3
37.5°	375.7	411.4	451.2	471.8	492.0	530.5	609.0	684.3	740.2	796.5	827.2
35°	438.8	485.8	540.0	564.3	607.7	691.7	783.9	888.6	1019.0	1073.7	1123.4
32.5°	500.2	552.7	602.8	657.3	733.1	833.4	937.3	1107.2	1265.9	1388.7	1478.4
30°	554.6	610.4	672.5	742.6	849.4	987.7	1161.2	1381.0	1604.6	1799.8	1964.8
27.5°	608.4	671.8	745.7	850.3	1000.5	1188.4	1465.4	1779.0	2152.2	2427.2	2755.6
25°	667.4	739.9	834.8	986.3	1189.1	1469.9	1912.9	2422.0	3034.0	3530.3	4049.6
22.5°	737.2	844.3	964.5	1133.5	1487.7	1950.5	2555.5	3425.8	4367.2	5237.7	6075.9
20°	821.6	968.0	1161.0	1472.0	1926.8	2610.9	3662.2	5051.1	6435.6	7910.2	9329.6
17.5°	941.9	1153.0	1452.8	1895.5	2494.9	3848.0	5553.9	7702.0	10461.7	12962.6	15146.1
15°	1054.8	1306.9	1780.4	2442.3	3487.7	5281.1	7872.0	11417.5	15718.5	19638.2	23778.2
12.5°	1173.3	1471.0	2014.8	2857.6	4310.1	6644.8	10286.1	15144.0	20529.5	26437.0	33166.0
10°	1267.1	1628.6	2279.8	3348.3	5138.7	8046.2	12383.4	18275.0	25431.6	34174.3	44931.0
7.5°	1330.5	1754.9	2498.6	3707.5	5901.6	9479.3	14700.5	21782.0	30729.0	42311.3	57362.7
5°	1380.0	1851.4	2663.1	4035.1	6546.9	10573.3	16417.3	24853.1	35436.9	50955.1	76463.0
2.5°	1419.7	1925.2	2764.9	4260.7	6952.0	11335.2	17569.1	26590.6	38239.4	57345.7	90438.8
0°	1450.9	1992.1	2831.2	4399.8	7262.4	11411.2	17928.5	26908.5	39245.2	58499.1	93446.5
-2.5°	1464.2	2027.8	2854.1	4430.2	7231.4	11542.0	18038.3	27162.5	39207.3	57867.2	90087.3
-5°	1486.2	2027.2	2836.9	4399.1	7069.2	11203.9	17321.9	25741.3	36842.0	52890.2	79287.6
-7.5°	1502.0	1994.9	2754.7	4199.8	6644.8	10472.9	16063.1	23386.5	32537.0	44722.0	61070.8
-10°	1487.5	1932.9	2617.8	3865.4	5985.0	9300.3	14149.0	20278.0	27882.9	36913.0	48020.8
-12.5°	1431.5	1818.3	2394.4	3397.1	5130.5	7986.8	12223.2	17441.6	23070.4	29412.3	37087.8
-15°	1360.8	1694.8	2193.1	3075.8	4497.0	6684.8	9777.7	14011.1	18526.5	23341.6	28476.2
-17.5°	1305.7	1586.3	1998.9	2638.0	3683.3	5422.9	7853.4	10860.8	14179.0	17845.0	20887.7
-20°	1231.0	1452.9	1799.2	2321.1	3118.6	4271.2	6041.4	8226.2	10415.7	12993.3	15095.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	1156.3	1349.6	1613.1	1995.0	2588.4	3459.2	4552.9	6011.7	7612.9	9092.4	10548.8
-25°	1087.0	1235.8	1449.0	1762.3	2164.8	2759.1	3537.5	4374.4	5429.8	6330.4	7329.9
-27.5°	1030.8	1158.6	1315.9	1545.6	1858.0	2240.2	2797.6	3358.4	3913.5	4368.0	5056.1
-30°	976.6	1079.5	1211.0	1374.8	1609.0	1903.5	2265.4	2629.2	2949.5	3241.7	3600.0
-32.5°	923.4	1007.1	1108.0	1243.9	1411.9	1633.4	1855.7	2116.5	2339.1	2544.6	2734.7
-35°	870.0	944.5	1021.3	1136.0	1270.0	1427.3	1589.0	1765.6	1919.7	2058.1	2180.6
-37.5°	821.8	887.3	959.6	1044.9	1152.9	1271.3	1403.3	1531.6	1633.4	1723.3	1797.5
-40°	781.1	840.7	902.6	970.9	1053.1	1146.6	1258.6	1365.5	1436.8	1491.7	1536.8
-42.5°	744.8	797.2	850.0	908.0	971.1	1051.9	1140.5	1228.7	1277.1	1319.5	1352.1
-45°	715.7	755.9	800.2	849.8	905.7	973.4	1043.0	1104.0	1147.0	1183.5	1210.7
-47.5°	677.2	715.9	754.3	795.2	847.2	903.7	961.2	1008.1	1045.7	1077.5	1098.3
-50°	634.7	675.5	710.7	746.7	794.5	842.4	888.7	927.5	963.3	994.5	1010.8
-52.5°	590.8	634.6	671.5	706.6	746.8	788.5	830.3	863.4	894.8	924.2	936.6
-55°	559.2	599.5	637.6	670.6	703.7	737.1	771.2	805.7	836.7	864.6	872.9
-57.5°	525.0	566.0	603.7	633.3	663.3	693.4	724.6	755.7	785.6	812.4	819.2
-60°	483.3	527.9	561.3	589.3	618.3	648.1	675.2	702.9	730.8	754.2	761.7
-62.5°	430.3	470.8	503.9	533.4	561.5	587.4	613.8	639.7	664.7	683.2	689.2
-65°	366.8	401.2	435.3	466.1	493.8	518.8	543.3	566.9	589.6	605.9	613.9
-67.5°	316.7	341.5	368.9	395.4	423.3	448.9	471.0	491.8	511.3	525.0	533.6
-70°	268.4	292.0	317.7	342.9	367.1	388.0	405.6	422.7	439.3	451.5	460.6
-72.5°	222.1	242.1	263.5	285.9	308.0	326.9	343.0	358.3	372.6	383.0	391.5
-75°	180.4	196.9	214.9	233.0	250.9	265.9	279.4	292.6	305.3	314.6	322.3
-77.5°	143.2	157.1	171.2	185.3	199.4	210.3	220.2	229.9	239.4	246.7	253.3
-80°	106.0	117.0	128.3	139.5	150.8	159.1	166.5	173.6	180.3	184.6	188.4
-82.5°	72.5	80.1	88.0	96.0	103.9	110.0	116.0	121.8	127.5	129.5	131.0
-85°	46.3	50.1	54.2	58.6	63.1	66.5	69.7	72.8	75.7	78.4	81.0
-87.5°	25.7	26.5	27.2	27.9	28.5	30.8	33.2	35.5	37.9	38.3	38.6
-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: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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	1.7
62.5°	7.0	7.4	7.7	7.8	7.7	7.4	7.0	6.4	5.6	6.1	7.1
60°	26.8	23.9	23.3	23.5	23.3	23.9	26.8	28.5	28.7	33.5	34.8
57.5°	119.3	132.7	136.4	133.3	136.4	132.7	119.3	105.0	90.9	89.1	91.1
55°	173.7	177.9	179.8	180.4	179.8	177.9	173.7	166.8	156.6	146.8	138.7
52.5°	213.0	211.6	211.3	211.8	211.3	211.6	213.0	212.1	208.1	198.4	183.3
50°	320.0	314.1	311.8	313.7	311.8	314.1	320.0	318.7	302.1	273.2	250.0
47.5°	409.1	410.9	413.7	415.7	413.7	410.9	409.1	407.1	390.9	359.8	326.7
45°	477.7	481.9	484.8	486.3	484.8	481.9	477.7	471.4	449.0	416.4	379.5
42.5°	547.8	548.3	547.5	549.0	547.5	548.3	547.8	542.3	517.3	483.5	444.8
40°	646.7	648.7	646.6	643.1	646.6	648.7	646.7	638.3	617.5	575.9	532.1
37.5°	845.1	848.0	838.7	831.3	838.7	848.0	845.1	827.2	796.5	740.2	684.3
35°	1168.8	1202.3	1218.3	1223.5	1218.3	1202.3	1168.8	1123.4	1073.7	1019.0	888.6
32.5°	1540.5	1587.2	1610.6	1631.3	1610.6	1587.2	1540.5	1478.4	1388.7	1265.9	1107.2
30°	2073.1	2159.1	2197.1	2250.9	2197.1	2159.1	2073.1	1964.8	1799.8	1604.6	1381.0
27.5°	2942.0	3093.3	3177.0	3254.7	3177.0	3093.3	2942.0	2755.6	2427.2	2152.2	1779.0
25°	4427.0	4718.3	4906.9	4995.8	4906.9	4718.3	4427.0	4049.6	3530.3	3034.0	2422.0
22.5°	6887.0	7424.0	7838.2	7921.2	7838.2	7424.0	6887.0	6075.9	5237.7	4367.2	3425.8
20°	10706.8	11475.2	12100.3	12415.1	12100.3	11475.2	10706.8	9329.6	7910.2	6435.6	5051.1
17.5°	17746.9	19345.2	20075.2	20195.1	20075.2	19345.2	17746.9	15146.1	12962.6	10461.7	7702.0
15°	28220.4	30925.0	32641.9	33747.4	32641.9	30925.0	28220.4	23778.2	19638.2	15718.5	11417.5
12.5°	40170.5	47855.4	52228.2	53895.4	52228.2	47855.4	40170.5	33166.0	26437.0	20529.5	15144.0
10°	56389.3	74480.8	84916.7	90168.2	84916.7	74480.8	56389.3	44931.0	34174.3	25431.6	18275.0
7.5°	83916.6	111859.1	142818.4	157141.5	142818.4	111859.1	83916.6	57362.7	42311.3	30729.0	21782.0
5°	112854.2	174204.8	228052.8	253838.7	228052.8	174204.8	112854.2	76463.0	50955.1	35436.9	24853.1
2.5°	146113.6	228850.7	305347.8	337513.2	305347.8	228850.7	146113.6	90438.8	57345.7	38239.4	26590.6
0°	158913.9	255289.6	338952.2	370523.3	338952.2	255289.6	158913.9	93446.5	58499.1	39245.2	26908.5
-2.5°	148092.4	232859.0	306662.1	342736.4	306662.1	232859.0	148092.4	90087.3	57867.2	39207.3	27162.5
-5°	117667.0	175165.0	229823.3	259218.9	229823.3	175165.0	117667.0	79287.6	52890.2	36842.0	25741.3
-7.5°	86360.3	117661.5	148016.8	158631.6	148016.8	117661.5	86360.3	61070.8	44722.0	32537.0	23386.5
-10°	60125.8	78050.0	89881.9	93258.2	89881.9	78050.0	60125.8	48020.8	36913.0	27882.9	20278.0
-12.5°	44577.2	52417.3	57872.2	58820.7	57872.2	52417.3	44577.2	37087.8	29412.3	23070.4	17441.6
-15°	33008.3	36995.2	39808.7	39998.1	39808.7	36995.2	33008.3	28476.2	23341.6	18526.5	14011.1
-17.5°	24129.2	26805.5	28225.3	28124.1	28225.3	26805.5	24129.2	20887.7	17845.0	14179.0	10860.8
-20°	17253.8	18867.0	20011.0	19787.3	20011.0	18867.0	17253.8	15095.3	12993.3	10415.7	8226.2



REPORT NUMBER: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	12030.6	13101.4	13771.8	13599.3	13771.8	13101.4	12030.6	10548.8	9092.4	7612.9	6011.7
-25°	8174.6	8758.1	9090.1	9034.9	9090.1	8758.1	8174.6	7329.9	6330.4	5429.8	4374.4
-27.5°	5570.5	5878.7	5981.6	5976.2	5981.6	5878.7	5570.5	5056.1	4368.0	3913.5	3358.4
-30°	3866.4	4073.5	4192.0	4117.4	4192.0	4073.5	3866.4	3600.0	3241.7	2949.5	2629.2
-32.5°	2881.7	2998.5	3066.1	2995.9	3066.1	2998.5	2881.7	2734.7	2544.6	2339.1	2116.5
-35°	2271.0	2330.1	2354.0	2313.6	2354.0	2330.1	2271.0	2180.6	2058.1	1919.7	1765.6
-37.5°	1851.6	1886.2	1897.9	1874.4	1897.9	1886.2	1851.6	1797.5	1723.3	1633.4	1531.6
-40°	1568.9	1590.2	1595.4	1576.4	1595.4	1590.2	1568.9	1536.8	1491.7	1436.8	1365.5
-42.5°	1372.7	1385.4	1388.4	1380.3	1388.4	1385.4	1372.7	1352.1	1319.5	1277.1	1228.7
-45°	1226.8	1237.7	1239.7	1231.3	1239.7	1237.7	1226.8	1210.7	1183.5	1147.0	1104.0
-47.5°	1108.7	1115.4	1117.1	1113.7	1117.1	1115.4	1108.7	1098.3	1077.5	1045.7	1008.1
-50°	1018.2	1022.9	1023.3	1019.6	1023.3	1022.9	1018.2	1010.8	994.5	963.3	927.5
-52.5°	942.5	945.7	947.9	949.0	947.9	945.7	942.5	936.6	924.2	894.8	863.4
-55°	878.7	882.9	885.4	886.2	885.4	882.9	878.7	872.9	864.6	836.7	805.7
-57.5°	824.5	828.3	830.5	831.3	830.5	828.3	824.5	819.2	812.4	785.6	755.7
-60°	767.9	772.5	775.4	776.4	775.4	772.5	767.9	761.7	754.2	730.8	702.9
-62.5°	693.2	695.3	697.2	698.0	697.2	695.3	693.2	689.2	683.2	664.7	639.7
-65°	620.0	624.2	626.6	627.4	626.6	624.2	620.0	613.9	605.9	589.6	566.9
-67.5°	540.6	546.1	551.9	556.8	551.9	546.1	540.6	533.6	525.0	511.3	491.8
-70°	468.7	475.7	477.9	478.4	477.9	475.7	468.7	460.6	451.5	439.3	422.7
-72.5°	398.9	405.5	411.0	415.7	411.0	405.5	398.9	391.5	383.0	372.6	358.3
-75°	329.2	335.3	336.8	337.2	336.8	335.3	329.2	322.3	314.6	305.3	292.6
-77.5°	259.5	265.1	266.4	266.7	266.4	265.1	259.5	253.3	246.7	239.4	229.9
-80°	191.9	195.1	199.7	203.9	199.7	195.1	191.9	188.4	184.6	180.3	173.6
-82.5°	132.0	132.8	133.2	133.3	133.2	132.8	132.0	131.0	129.5	127.5	121.8
-85°	83.5	85.9	86.2	86.3	86.2	85.9	83.5	81.0	78.4	75.7	72.8
-87.5°	38.9	39.1	39.2	39.2	39.2	39.1	38.9	38.6	38.3	37.9	35.5
-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: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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	0.5
65°	1.9	1.4	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.1
62.5°	8.0	8.6	8.9	8.1	6.1	3.8	4.6	5.5	3.8	0.7	2.7
60°	29.5	18.7	26.6	29.2	25.7	18.5	18.8	17.5	14.5	11.5	7.6
57.5°	96.7	93.5	76.7	66.2	63.1	55.9	46.0	36.7	32.4	26.0	18.4
55°	133.3	127.9	118.8	106.1	91.9	87.8	79.8	68.4	57.4	44.5	36.1
52.5°	163.9	165.3	160.1	145.0	132.2	123.8	112.8	102.1	88.7	76.1	59.4
50°	234.1	225.2	216.7	208.1	188.1	168.6	154.9	140.1	121.0	106.8	92.6
47.5°	299.0	285.6	276.6	265.1	242.4	221.9	200.3	179.4	155.6	133.3	119.3
45°	354.4	335.1	317.8	303.5	283.8	260.4	241.2	217.9	190.7	165.0	140.8
42.5°	410.7	381.4	358.0	343.6	319.8	295.6	274.0	256.1	226.7	196.5	172.1
40°	485.6	426.9	405.1	399.3	376.7	338.4	320.0	300.4	269.0	229.6	205.6
37.5°	609.0	530.5	492.0	471.8	451.2	411.4	375.7	349.9	321.7	277.3	243.0
35°	783.9	691.7	607.7	564.3	540.0	485.8	438.8	403.4	369.7	327.7	283.2
32.5°	937.3	833.4	733.1	657.3	602.8	552.7	500.2	456.4	412.3	369.3	325.5
30°	1161.2	987.7	849.4	742.6	672.5	610.4	554.6	501.8	451.9	406.6	362.6
27.5°	1465.4	1188.4	1000.5	850.3	745.7	671.8	608.4	546.6	489.8	441.0	395.8
25°	1912.9	1469.9	1189.1	986.3	834.8	739.9	667.4	596.0	529.7	474.1	435.8
22.5°	2555.5	1950.5	1487.7	1133.5	964.5	844.3	737.2	647.4	572.1	522.5	477.2
20°	3662.2	2610.9	1926.8	1472.0	1161.0	968.0	821.6	716.0	639.1	575.2	519.0
17.5°	5553.9	3848.0	2494.9	1895.5	1452.8	1153.0	941.9	801.8	704.9	628.3	561.2
15°	7872.0	5281.1	3487.7	2442.3	1780.4	1306.9	1054.8	886.8	772.3	683.9	603.7
12.5°	10286.1	6644.8	4310.1	2857.6	2014.8	1471.0	1173.3	983.7	839.7	724.1	631.7
10°	12383.4	8046.2	5138.7	3348.3	2279.8	1628.6	1267.1	1044.9	879.9	753.0	655.5
7.5°	14700.5	9479.3	5901.6	3707.5	2498.6	1754.9	1330.5	1085.9	913.2	777.1	675.1
5°	16417.3	10573.3	6546.9	4035.1	2663.1	1851.4	1380.0	1115.3	939.2	796.4	690.6
2.5°	17569.1	11335.2	6952.0	4260.7	2764.9	1925.2	1419.7	1142.9	959.4	815.9	707.8
0°	17928.5	11411.2	7262.4	4399.8	2831.2	1992.1	1450.9	1168.6	972.5	831.3	721.5
-2.5°	18038.3	11542.0	7231.4	4430.2	2854.1	2027.8	1464.2	1173.4	982.7	837.1	723.5
-5°	17321.9	11203.9	7069.2	4399.1	2836.9	2027.2	1486.2	1181.9	988.5	839.2	721.9
-7.5°	16063.1	10472.9	6644.8	4199.8	2754.7	1994.9	1502.0	1193.0	993.8	845.3	727.5
-10°	14149.0	9300.3	5985.0	3865.4	2617.8	1932.9	1487.5	1186.9	990.4	844.2	728.7
-12.5°	12223.2	7986.8	5130.5	3397.1	2394.4	1818.3	1431.5	1162.6	978.0	835.6	725.3
-15°	9777.7	6684.8	4497.0	3075.8	2193.1	1694.8	1360.8	1124.6	957.0	820.0	717.0
-17.5°	7853.4	5422.9	3683.3	2638.0	1998.9	1586.3	1305.7	1093.7	932.3	804.3	705.9
-20°	6041.4	4271.2	3118.6	2321.1	1799.2	1452.9	1231.0	1048.3	903.9	787.9	695.4



Classified

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

Scaled Data Report



REPORT NUMBER: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	4552.9	3459.2	2588.4	1995.0	1613.1	1349.6	1156.3	997.6	869.4	764.5	681.6
-25°	3537.5	2759.1	2164.8	1762.3	1449.0	1235.8	1087.0	957.5	842.1	741.3	665.1
-27.5°	2797.6	2240.2	1858.0	1545.6	1315.9	1158.6	1030.8	915.8	812.7	723.8	648.3
-30°	2265.4	1903.5	1609.0	1374.8	1211.0	1079.5	976.6	880.4	785.2	701.3	630.3
-32.5°	1855.7	1633.4	1411.9	1243.9	1108.0	1007.1	923.4	842.2	751.6	678.1	611.4
-35°	1589.0	1427.3	1270.0	1136.0	1021.3	944.5	870.0	794.1	720.3	652.0	589.9
-37.5°	1403.3	1271.3	1152.9	1044.9	959.6	887.3	821.8	754.8	687.8	625.1	567.7
-40°	1258.6	1146.6	1053.1	970.9	902.6	840.7	781.1	719.3	659.7	596.8	543.8
-42.5°	1140.5	1051.9	971.1	908.0	850.0	797.2	744.8	690.9	632.5	572.9	517.0
-45°	1043.0	973.4	905.7	849.8	800.2	755.9	715.7	661.8	604.7	545.2	488.4
-47.5°	961.2	903.7	847.2	795.2	754.3	715.9	677.2	629.6	569.6	513.5	465.1
-50°	888.7	842.4	794.5	746.7	710.7	675.5	634.7	585.0	533.3	487.1	441.5
-52.5°	830.3	788.5	746.8	706.6	671.5	634.6	590.8	547.9	503.7	460.3	418.4
-55°	771.2	737.1	703.7	670.6	637.6	599.5	559.2	516.4	473.2	432.6	389.8
-57.5°	724.6	693.4	663.3	633.3	603.7	566.0	525.0	483.3	438.6	397.6	357.4
-60°	675.2	648.1	618.3	589.3	561.3	527.9	483.3	440.3	399.0	360.2	321.3
-62.5°	613.8	587.4	561.5	533.4	503.9	470.8	430.3	390.7	355.0	321.2	286.3
-65°	543.3	518.8	493.8	466.1	435.3	401.2	366.8	337.7	310.2	281.5	250.7
-67.5°	471.0	448.9	423.3	395.4	368.9	341.5	316.7	291.8	266.1	239.7	212.1
-70°	405.6	388.0	367.1	342.9	317.7	292.0	268.4	245.2	221.3	199.2	178.0
-72.5°	343.0	326.9	308.0	285.9	263.5	242.1	222.1	203.3	184.7	166.4	147.5
-75°	279.4	265.9	250.9	233.0	214.9	196.9	180.4	165.1	149.4	133.4	117.4
-77.5°	220.2	210.3	199.4	185.3	171.2	157.1	143.2	129.4	116.4	104.3	93.2
-80°	166.5	159.1	150.8	139.5	128.3	117.0	106.0	96.6	87.8	79.7	71.9
-82.5°	116.0	110.0	103.9	96.0	88.0	80.1	72.5	66.7	61.2	55.8	50.6
-85°	69.7	66.5	63.1	58.6	54.2	50.1	46.3	43.1	39.9	36.6	33.2
-87.5°	33.2	30.8	28.5	27.9	27.2	26.5	25.7	23.3	21.0	18.8	16.6
-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: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	1.7	0.5
70°	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.0	2.9	3.3	2.4
67.5°	0.0	0.0	0.0	1.6	2.6	2.2	0.5	1.3	3.2	5.0	4.4
65°	2.6	1.8	0.1	2.0	3.9	5.1	3.8	2.3	3.5	5.3	6.5
62.5°	4.6	5.9	4.4	3.2	4.3	6.1	7.2	4.9	4.1	5.5	7.3
60°	5.1	7.0	7.9	6.2	5.5	6.6	7.8	7.1	5.6	5.9	7.6
57.5°	13.8	8.9	8.9	8.4	7.1	7.2	7.8	7.8	7.0	6.6	7.8
55°	25.6	18.7	13.2	10.6	8.9	7.7	8.0	7.8	7.8	7.2	7.8
52.5°	44.6	32.3	23.7	16.1	11.9	8.8	8.9	7.8	7.8	7.6	7.8
50°	71.0	51.0	37.4	26.9	16.8	13.1	10.1	9.1	7.8	7.8	7.8
47.5°	103.8	76.2	54.6	39.3	27.6	17.8	13.9	10.8	7.8	7.8	7.8
45°	128.1	106.3	76.0	55.0	38.8	26.7	18.8	12.9	9.7	8.1	7.8
42.5°	151.9	132.3	103.5	70.5	53.3	36.8	24.1	17.3	11.9	8.6	8.1
40°	182.4	157.9	129.7	96.1	69.3	46.8	32.6	22.4	14.4	10.0	8.7
37.5°	213.9	186.4	155.7	120.8	87.3	62.1	41.3	27.6	18.1	12.7	9.5
35°	249.1	216.2	181.4	144.3	108.8	77.8	49.8	33.8	23.1	15.6	10.4
32.5°	284.8	244.8	205.4	167.2	128.8	94.0	61.7	41.9	27.9	18.7	11.5
30°	319.4	273.0	227.4	189.1	147.8	111.2	76.5	50.7	32.5	21.8	13.1
27.5°	350.9	300.7	248.8	208.5	166.9	127.2	91.5	60.2	37.0	25.3	15.6
25°	383.8	328.9	273.2	225.9	184.9	143.4	105.4	70.4	43.5	29.0	18.1
22.5°	421.1	357.4	296.8	241.6	203.8	159.2	118.7	82.4	51.4	32.6	20.6
20°	461.2	385.5	320.4	263.8	221.5	175.5	131.9	93.4	59.4	35.9	23.2
17.5°	502.3	416.4	349.0	289.2	239.0	190.7	144.5	103.5	67.5	39.1	25.6
15°	530.2	447.3	374.7	313.0	256.5	204.8	156.4	112.6	75.4	42.0	28.1
12.5°	553.6	473.9	397.3	334.9	273.8	217.6	167.4	120.9	83.1	46.0	30.4
10°	574.2	496.4	417.1	355.0	290.5	229.2	177.6	128.1	90.3	51.1	32.6
7.5°	592.0	514.9	434.0	373.2	306.4	241.0	186.1	134.5	96.5	56.2	34.6
5°	606.9	530.8	448.2	385.0	321.2	253.3	193.3	140.1	101.8	61.2	36.3
2.5°	618.7	545.4	460.4	393.6	334.1	264.6	199.2	144.9	106.2	66.1	37.9
0°	627.4	556.8	470.6	400.0	345.1	274.5	203.9	149.0	109.8	70.6	39.2
-2.5°	633.1	558.7	481.4	407.4	351.6	282.7	213.4	154.1	112.7	74.6	41.6
-5°	635.5	558.5	489.4	413.1	356.4	289.3	221.4	158.2	115.0	78.1	43.7
-7.5°	639.1	561.1	493.8	417.5	359.6	294.3	227.5	161.3	116.7	80.8	45.6
-10°	640.4	563.8	494.9	423.1	362.2	298.0	231.5	163.2	118.0	82.9	47.3
-12.5°	638.6	563.5	494.6	426.1	363.4	300.1	233.6	166.3	119.2	84.2	48.8
-15°	633.6	560.2	493.4	426.5	363.3	300.9	234.3	169.1	121.5	84.5	50.0
-17.5°	625.7	553.7	491.7	423.9	361.8	300.5	233.6	170.5	122.8	83.9	51.2
-20°	618.0	547.7	489.0	418.2	359.0	298.8	231.6	170.2	122.7	82.7	52.2

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Scaled Data Report



REPORT NUMBER: P627968 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	607.8	542.2	480.3	412.5	355.1	296.0	228.3	168.2	121.3	80.8	52.9
-25°	594.9	533.7	470.4	408.1	350.2	290.5	224.5	164.5	118.5	78.3	53.1
-27.5°	582.0	522.2	460.0	402.0	343.3	283.8	219.5	161.0	114.5	75.2	52.9
-30°	567.1	509.3	450.8	393.6	333.8	274.2	212.3	155.6	110.2	73.6	52.3
-32.5°	550.7	496.3	440.5	381.0	321.9	263.6	203.1	148.2	105.3	72.7	51.8
-35°	534.2	481.8	428.0	365.3	308.9	252.1	193.8	138.8	99.7	71.2	51.0
-37.5°	514.8	463.8	407.8	348.4	295.2	239.7	185.1	133.4	93.5	69.1	50.1
-40°	492.7	441.8	384.6	332.5	280.7	226.5	175.7	128.5	89.5	66.5	48.9
-42.5°	468.0	417.2	366.0	316.3	265.5	215.4	166.0	122.4	87.7	64.4	47.5
-45°	442.6	394.9	348.7	299.6	250.3	203.8	157.8	115.8	85.0	62.5	46.0
-47.5°	418.8	376.0	329.8	281.6	236.9	191.9	148.3	111.3	81.3	60.4	44.5
-50°	398.7	355.2	309.0	263.4	221.3	179.7	138.5	105.6	78.3	58.1	42.5
-52.5°	375.5	331.6	286.5	243.4	204.6	166.1	130.1	98.7	73.9	55.2	40.2
-55°	348.0	304.5	261.2	223.4	187.2	153.2	120.2	91.5	68.4	51.9	37.6
-57.5°	315.8	273.6	238.1	203.7	169.8	138.8	109.2	82.9	63.4	48.1	34.6
-60°	282.8	248.6	216.1	182.6	151.3	123.2	96.7	74.3	58.3	44.0	31.2
-62.5°	253.4	222.2	190.2	159.5	132.2	106.8	83.9	67.6	52.8	39.4	27.6
-65°	220.4	190.8	162.3	137.0	112.7	91.4	75.2	60.3	46.7	34.5	24.3
-67.5°	185.0	161.3	137.2	114.3	96.4	80.7	66.0	52.6	40.3	29.3	22.3
-70°	156.3	134.2	114.4	98.2	83.3	69.3	56.3	44.4	33.5	26.2	20.1
-72.5°	129.0	111.9	96.4	82.5	69.5	57.4	46.1	36.4	29.2	22.9	17.7
-75°	102.8	90.4	78.2	66.2	55.2	45.3	37.9	30.6	24.6	19.5	15.5
-77.5°	82.3	71.3	60.1	51.6	44.8	38.0	31.2	24.6	20.4	16.9	13.3
-80°	63.3	55.7	48.9	43.1	36.9	30.7	25.3	20.8	17.6	14.4	11.1
-82.5°	45.6	41.5	37.9	34.5	29.6	25.2	21.2	17.6	14.7	11.8	8.7
-85°	31.0	29.1	27.3	25.7	22.5	19.5	16.2	13.2	10.4	8.0	5.8
-87.5°	15.9	15.1	14.3	13.5	11.6	9.8	8.1	6.6	5.2	4.0	2.9
-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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CATALOG NUMBER: GFLD-SA6E-722-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	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.6	0.1	0.0	0.1	1.0	0.0
72.5°	0.4	1.2	0.8	0.0	0.2	1.2	0.0
70°	0.9	1.8	1.6	0.1	0.3	1.4	0.0
67.5°	2.8	2.4	2.3	0.9	0.5	1.6	0.0
65°	4.5	3.3	3.2	1.7	0.6	1.8	0.0
62.5°	6.1	4.4	4.0	2.5	0.8	2.0	0.0
60°	7.6	5.4	4.9	3.3	1.0	2.2	0.0
57.5°	7.8	6.4	5.5	4.1	1.7	2.4	0.0
55°	7.8	7.2	6.0	4.9	2.3	2.6	0.0
52.5°	7.8	7.8	6.5	5.8	2.9	2.9	0.0
50°	7.8	7.8	6.9	6.7	3.5	3.1	0.0
47.5°	7.8	7.8	7.2	7.4	4.1	3.3	0.0
45°	7.8	7.8	7.5	7.6	4.6	3.6	0.0
42.5°	7.8	7.8	7.7	7.7	5.0	3.8	0.0
40°	7.8	7.8	7.8	7.8	5.4	4.1	0.0
37.5°	7.8	7.8	7.8	7.8	5.8	4.3	0.0
35°	7.8	7.8	7.8	7.8	6.2	4.6	0.0
32.5°	8.0	7.8	7.8	7.8	6.5	4.8	0.0
30°	8.9	7.8	7.8	7.8	6.8	5.1	0.0
27.5°	9.7	7.8	7.8	7.8	7.0	5.3	0.0
25°	10.7	7.8	7.8	7.8	7.2	5.6	0.0
22.5°	11.7	7.9	7.8	7.8	7.3	5.8	0.0
20°	12.7	8.5	7.8	7.8	7.5	6.1	0.0
17.5°	14.1	9.2	7.8	7.8	7.6	6.3	0.0
15°	15.7	10.0	7.8	7.8	7.7	6.6	0.0
12.5°	17.2	10.9	7.8	7.8	7.7	6.8	0.0
10°	18.6	11.9	7.8	7.8	7.8	7.0	0.0
7.5°	20.0	12.9	7.8	7.8	7.8	7.2	0.0
5°	21.2	13.8	7.8	7.8	7.8	7.4	0.0
2.5°	22.4	14.8	7.8	7.8	7.8	7.6	0.0
0°	23.5	15.7	7.8	7.8	7.8	7.8	0.0
-2.5°	25.6	16.5	8.5	7.8	7.8	7.8	0.0
-5°	27.5	17.3	9.2	7.8	7.8	7.8	0.0
-7.5°	29.2	17.9	9.8	7.8	7.8	7.7	0.0
-10°	30.7	18.5	10.4	7.8	7.8	7.7	0.0
-12.5°	32.0	19.0	10.9	7.8	7.8	7.6	0.0
-15°	33.0	19.5	11.4	7.8	7.8	7.5	0.0
-17.5°	33.7	19.8	11.7	7.8	7.8	7.4	0.0
-20°	34.1	20.1	11.9	7.8	7.8	7.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.6	20.3	12.0	7.8	7.8	7.2	0.0
-25°	34.8	20.8	12.0	7.8	7.8	7.1	0.0
-27.5°	34.8	21.3	11.8	7.8	7.8	6.9	0.0
-30°	34.6	21.7	11.5	7.8	7.8	6.8	0.0
-32.5°	34.2	21.8	11.5	7.8	7.8	6.6	0.0
-35°	34.1	21.8	11.3	7.8	7.8	6.4	0.0
-37.5°	34.0	21.6	11.0	7.8	7.8	6.2	0.0
-40°	33.6	21.1	10.6	7.8	7.8	6.0	0.0
-42.5°	32.8	20.5	10.5	7.9	7.8	5.7	0.0
-45°	31.9	19.6	10.8	8.1	7.8	5.5	0.0
-47.5°	30.6	18.6	11.0	8.2	7.8	5.3	0.0
-50°	29.0	17.4	11.1	8.4	7.8	5.0	0.0
-52.5°	27.2	15.9	11.1	8.4	7.8	4.7	0.0
-55°	25.1	15.5	11.1	8.5	7.8	4.5	0.0
-57.5°	22.7	15.1	10.9	8.4	7.8	4.2	0.0
-60°	20.3	14.7	10.7	8.4	7.8	3.9	0.0
-62.5°	19.3	14.0	10.4	8.3	7.2	3.6	0.0
-65°	18.1	13.3	10.0	8.2	6.6	3.3	0.0
-67.5°	16.7	12.5	9.6	8.0	6.0	3.0	0.0
-70°	15.2	11.5	9.1	7.8	5.3	2.7	0.0
-72.5°	13.6	10.5	8.5	7.0	4.7	2.3	0.0
-75°	11.8	9.4	7.9	6.0	4.0	2.0	0.0
-77.5°	10.0	8.2	6.7	5.1	3.4	1.7	0.0
-80°	8.0	6.7	5.4	4.1	2.7	1.4	0.0
-82.5°	6.0	5.1	4.1	3.0	2.0	1.0	0.0
-85°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-87.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)