

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: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA2B-722-U-VWR-VSR-XX  
 Description: GALLEON FLOOD, TWO LIGHT SQUARE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
 Light Source: (32) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: -

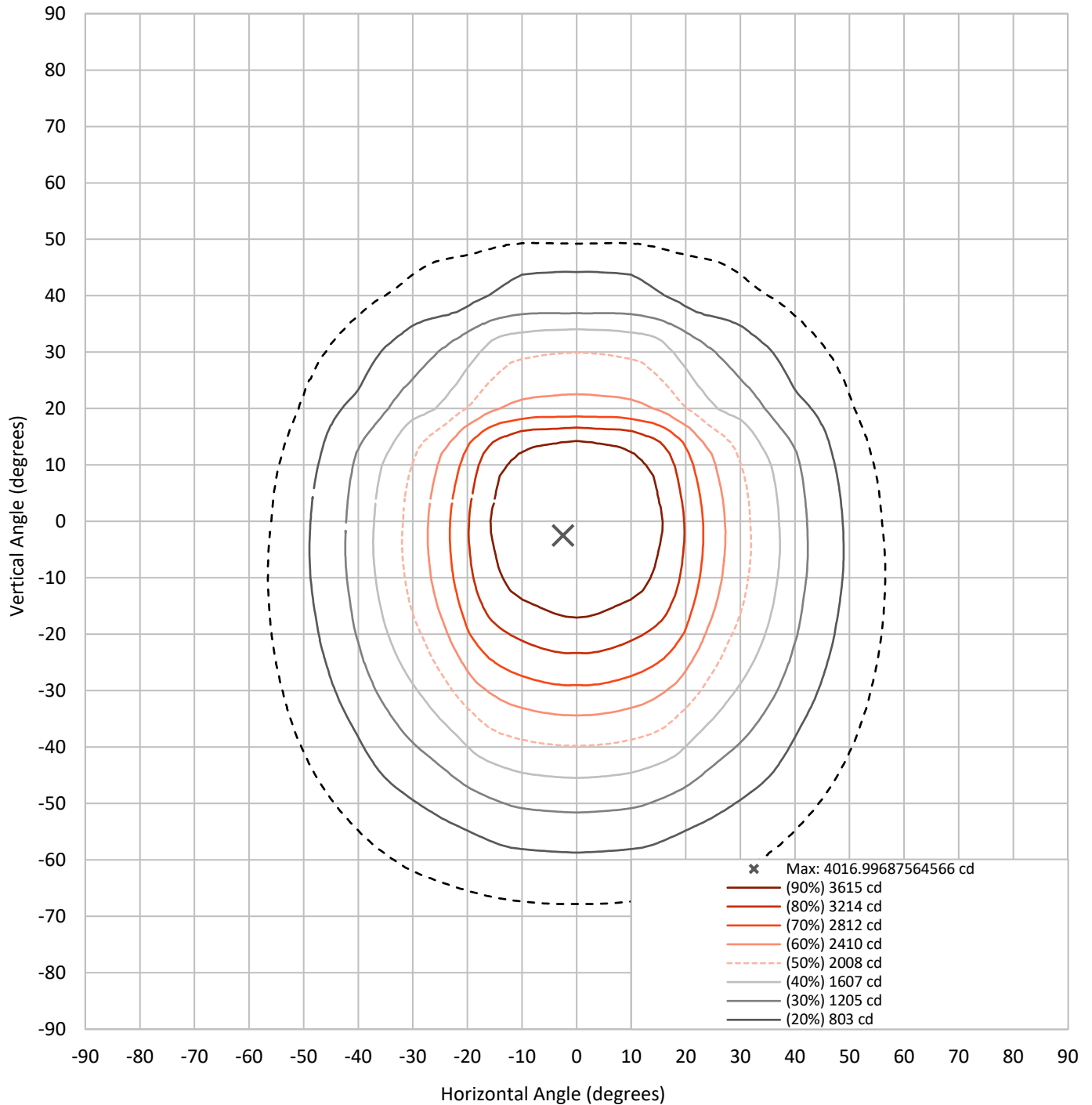
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5360.8 lumens	Max Intensity:	4017 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	84.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	3101.6 lumens	Field Lumens:	5087.1 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





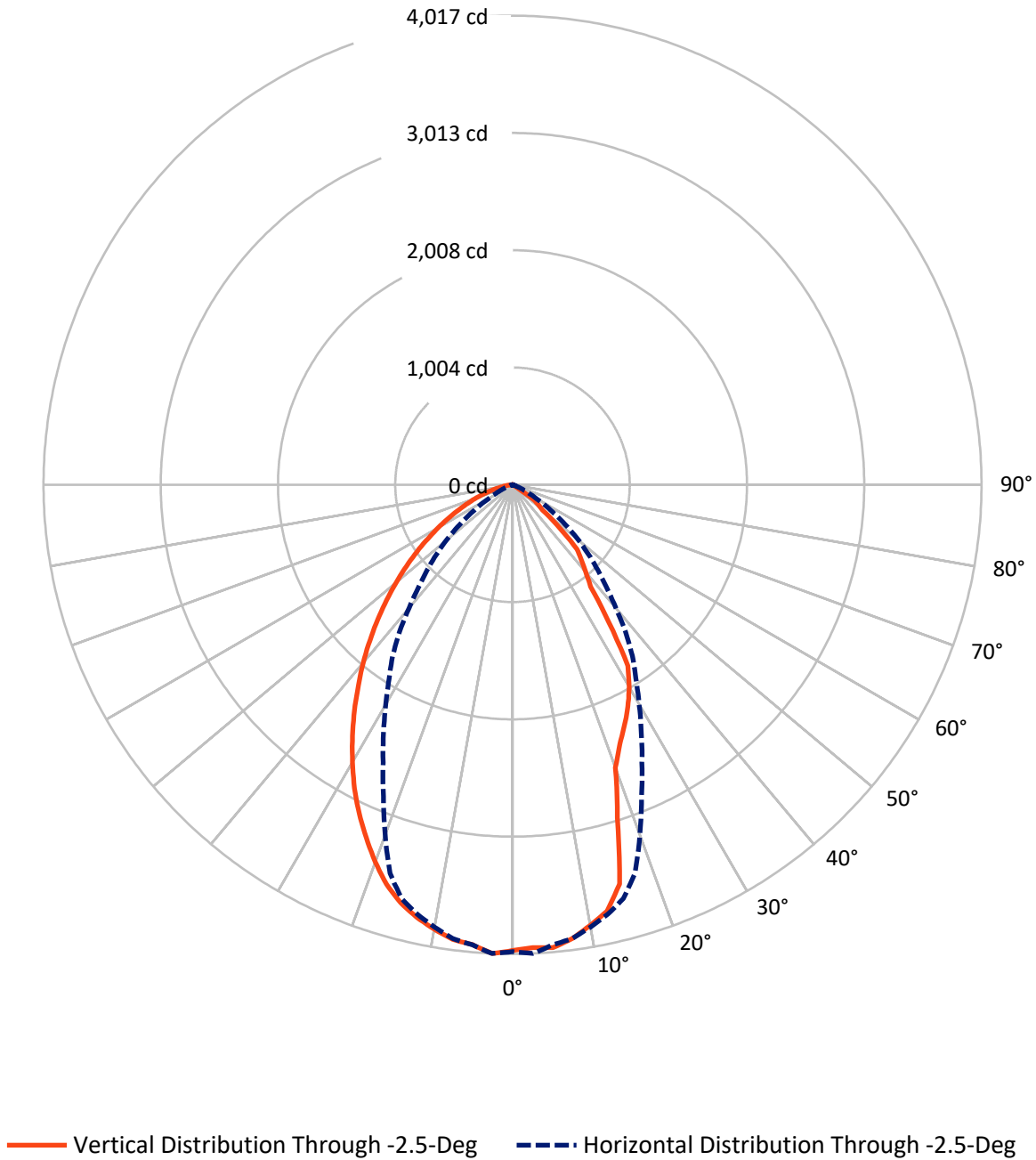
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50		0.0	0.1	0.5	1.5	2.8	4.2	5.2	5.2	4.2	2.8	1.5	0.5	0.1					0.0
40	0.1	0.1	0.6	2.7	6.6	12.0	17.7	21.6	21.6	17.7	12.0	6.6	2.7	0.6	0.1	0.1	0.1	0.1	
30		0.3	2.0	7.0	15.5	25.2	37.8	44.2	44.2	37.8	25.2	15.5	7.0	2.0	0.3				
20	0.2	0.6	3.9	12.3	25.0	39.7	59.5	68.4	68.4	59.5	39.7	25.0	12.3	3.9	0.6	0.2	0.2	0.2	
10		1.0	5.9	18.3	36.1	59.4	88.4	101.3	101.3	88.4	59.4	36.1	18.3	5.9	1.0				
0	0.3	1.4	7.7	21.7	43.1	70.9	104.3	118.4	118.4	104.3	70.9	43.1	21.7	7.7	1.4	0.3	0.3	0.3	
-10		1.6	8.5	22.5	44.3	72.5	105.1	118.8	118.8	105.1	72.5	44.3	22.5	8.5	1.6				
-20	0.3	1.7	8.3	21.3	41.8	67.9	97.6	110.2	110.2	97.6	67.9	41.8	21.3	8.3	1.7	0.3	0.3	0.3	
-30		1.6	7.2	18.6	36.1	57.7	81.8	92.6	92.6	81.8	57.7	36.1	18.6	7.2	1.6				
-40	0.3	1.3	5.8	14.6	28.4	44.5	62.5	70.7	70.7	62.5	44.5	28.4	14.6	5.8	1.3	0.3	0.3	0.3	
-50		1.1	4.3	10.4	20.3	31.3	43.2	49.1	49.1	43.2	31.3	20.3	10.4	4.3	1.1				
-60	0.3	0.8	2.8	6.7	12.6	19.4	26.4	30.1	30.1	26.4	19.4	12.6	6.7	2.8	0.8	0.3	0.3	0.3	
-70		0.6	1.7	3.9	6.9	10.3	13.7	15.5	15.5	13.7	10.3	6.9	3.9	1.7	0.6				
-80	0.1	1.3	5.8	12.6	14.1	12.6	5.8	1.3	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: 63.9°  
 V Angle: 69.6°  
 Lumens: 3101.6  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 5087.1  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 273.8  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through -2.5-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°	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.1	4.5
87.5°	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2	0.0
85°	1.5	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0
82.5°	1.5	1.5	1.5	1.4	1.1	0.8	0.4	0.1	0.0	0.2	0.4
80°	1.5	1.5	1.5	1.3	1.0	0.6	0.1	0.3	0.5	0.8	1.0
77.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.5	0.7	1.0	1.4	1.4
75°	1.5	1.5	1.5	1.2	0.8	0.7	0.8	1.2	1.5	1.2	0.8
72.5°	1.5	1.5	1.5	1.2	1.0	1.0	1.2	1.5	1.3	0.9	0.3
70°	1.5	1.5	1.5	1.2	1.1	1.2	1.5	1.4	1.1	0.6	0.7
67.5°	1.5	1.5	1.5	1.3	1.2	1.4	1.5	1.4	1.0	1.2	1.3
65°	1.5	1.5	1.5	1.3	1.3	1.6	1.6	1.4	1.5	1.7	1.8
62.5°	1.5	1.5	1.5	1.3	1.4	1.7	1.7	1.7	2.0	2.3	2.1
60°	1.5	1.5	1.5	1.4	1.5	1.8	1.8	2.1	2.5	2.6	2.3
57.5°	1.5	1.5	1.5	1.4	1.6	1.9	2.1	2.6	3.0	3.0	2.9
55°	1.5	1.5	1.5	1.5	1.8	2.1	2.5	3.0	3.4	3.5	3.6
52.5°	1.5	1.5	1.6	1.5	2.0	2.3	2.9	3.5	3.9	4.1	4.4
50°	1.5	1.5	1.6	1.5	2.1	2.6	3.3	3.9	4.4	4.8	5.1
47.5°	1.5	1.5	1.6	1.5	2.3	2.9	3.6	4.3	5.0	5.4	5.8
45°	1.5	1.5	1.7	1.7	2.5	3.2	4.0	4.7	5.5	6.0	6.5
42.5°	1.5	1.5	1.7	1.8	2.7	3.5	4.3	5.2	6.1	6.6	7.8
40°	1.5	1.5	1.8	2.0	2.9	3.8	4.6	5.7	6.7	7.3	9.4
37.5°	1.5	1.5	1.8	2.2	3.1	4.0	5.0	6.2	7.3	8.3	10.9
35°	1.5	1.5	1.9	2.4	3.3	4.3	5.3	6.8	8.0	10.1	13.9
32.5°	1.5	1.5	2.0	2.6	3.5	4.5	5.6	7.3	8.7	12.4	19.8
30°	1.5	1.5	2.0	2.8	3.7	4.8	6.1	7.9	9.4	14.9	25.6
27.5°	1.5	1.5	2.1	2.9	3.9	5.0	6.5	8.5	10.6	17.7	31.1
25°	1.5	1.5	2.2	3.1	4.2	5.2	7.0	9.1	12.8	21.8	36.6
22.5°	1.5	1.5	2.3	3.3	4.4	5.5	7.4	9.7	15.1	26.3	43.8
20°	1.5	1.5	2.4	3.5	4.6	5.7	7.8	10.3	17.4	30.6	51.0
17.5°	1.5	1.5	2.5	3.6	4.8	6.0	8.3	10.8	19.9	34.6	58.0
15°	1.5	1.5	2.5	3.8	5.0	6.3	8.7	11.6	22.3	38.4	64.9
12.5°	1.5	1.5	2.6	3.9	5.2	6.5	9.1	12.6	25.0	41.9	71.5
10°	1.5	1.5	2.7	4.0	5.4	6.7	9.4	13.7	27.8	46.0	78.0
7.5°	1.5	1.5	2.8	4.2	5.6	6.9	9.7	14.8	30.6	50.0	85.0
5°	1.5	1.5	2.9	4.3	5.7	7.1	10.0	15.9	33.1	53.6	91.3
2.5°	1.5	1.5	2.9	4.4	5.9	7.3	10.3	17.0	35.4	57.0	97.0
0°	1.5	1.5	3.0	4.5	6.0	7.5	10.5	18.0	37.5	60.0	102.0
-2.5°	1.5	1.5	3.0	4.5	6.1	7.7	11.1	19.8	39.0	64.7	106.5
-5°	1.5	1.5	3.0	4.5	6.2	7.8	11.6	21.5	40.2	68.9	110.1
-7.5°	1.5	1.5	3.0	4.5	6.3	7.9	12.1	23.0	41.1	72.3	113.0
-10°	1.5	1.5	3.0	4.4	6.4	8.0	12.5	24.2	41.8	74.7	115.1
-12.5°	1.5	1.5	2.9	4.4	6.4	8.1	12.8	25.1	42.3	76.0	116.7
-15°	1.5	1.5	2.9	4.3	6.5	8.2	12.9	25.6	43.2	75.9	117.3
-17.5°	1.5	1.5	2.9	4.3	6.5	8.3	13.0	26.2	44.5	75.1	116.6
-20°	1.5	1.5	2.8	4.2	6.4	8.3	13.3	26.7	45.3	73.7	114.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.5	1.5	2.8	4.2	6.3	8.4	14.2	27.0	45.7	71.8	110.8
-25°	1.5	1.5	2.7	4.1	6.2	8.9	14.9	26.9	45.5	69.2	105.6
-27.5°	1.5	1.5	2.7	4.0	6.1	9.6	15.4	26.5	44.9	67.0	101.8
-30°	1.5	1.5	2.6	3.9	5.9	10.2	15.8	25.7	44.1	66.1	97.6
-32.5°	1.5	1.5	2.5	3.8	6.1	10.7	16.0	25.8	43.0	64.4	92.8
-35°	1.5	1.5	2.5	3.7	6.3	11.1	16.5	25.9	41.5	62.1	87.4
-37.5°	1.5	1.5	2.4	3.6	6.4	11.4	16.9	25.8	39.6	59.1	85.0
-40°	1.5	1.5	2.3	3.4	6.5	11.4	17.2	25.5	37.2	56.2	82.4
-42.5°	1.5	1.5	2.2	3.4	6.5	11.5	17.3	24.9	35.9	53.9	78.3
-45°	1.5	1.5	2.1	3.4	6.5	11.4	17.2	24.4	34.9	51.0	73.1
-47.5°	1.5	1.5	2.0	3.4	6.5	11.2	16.9	24.0	33.7	47.6	69.1
-50°	1.5	1.5	1.9	3.3	6.4	10.9	16.6	23.4	32.7	46.3	64.3
-52.5°	1.5	1.5	1.8	3.3	6.2	10.6	16.1	22.6	31.8	44.7	59.1
-55°	1.5	1.5	1.7	3.2	5.9	10.2	15.5	21.6	30.8	42.7	56.6
-57.5°	1.5	1.5	1.6	3.1	5.6	9.6	14.8	20.7	29.4	40.5	53.7
-60°	1.5	1.5	1.5	2.9	5.2	9.0	14.0	19.6	27.5	38.0	50.4
-62.5°	1.5	1.5	1.5	2.8	4.9	8.2	12.9	18.3	25.2	35.0	46.4
-65°	1.5	1.5	1.5	2.6	4.6	7.3	11.6	16.6	22.5	31.1	42.0
-67.5°	1.5	1.5	1.5	2.4	4.2	6.6	10.2	14.6	19.3	26.4	36.1
-70°	1.5	1.5	1.5	2.2	3.8	6.0	8.7	12.4	16.5	21.3	29.2
-72.5°	1.5	1.5	1.5	2.1	3.4	5.3	7.7	10.1	13.6	17.7	22.3
-75°	1.5	1.5	1.5	2.1	3.0	4.7	6.7	8.6	10.6	13.9	17.7
-77.5°	1.5	1.5	1.5	2.1	2.8	3.9	5.6	7.2	8.8	10.6	13.0
-80°	1.5	1.5	1.5	2.0	2.7	3.5	4.6	5.8	7.1	8.5	10.0
-82.5°	1.5	1.5	1.5	2.0	2.6	3.3	4.1	4.7	5.3	6.4	7.6
-85°	1.5	1.5	1.5	2.0	2.5	3.1	3.8	4.3	4.8	5.3	5.8
-87.5°	1.5	1.5	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7	5.1
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.4	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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.9	5.3	5.6
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°	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.9	0.6	0.2	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.4	1.0	0.7	0.4	0.6	0.8	0.7	0.8	0.8	0.9	0.8
65°	1.5	1.1	1.1	1.3	1.5	1.6	1.7	1.9	1.6	1.4	1.4
62.5°	1.6	1.7	1.9	2.2	2.4	2.6	2.6	2.3	1.8	2.2	2.5
60°	2.2	2.5	2.8	3.1	3.4	3.5	3.4	3.4	3.8	4.4	8.4
57.5°	3.0	3.2	3.6	4.1	4.5	4.5	4.7	5.1	11.9	19.4	21.4
55°	3.8	4.0	4.6	5.3	5.8	5.7	8.2	17.3	26.2	36.3	40.0
52.5°	4.6	4.9	6.0	6.9	7.4	11.6	20.8	33.2	46.3	57.8	72.8
50°	5.3	6.4	7.5	8.9	14.1	24.9	38.5	55.4	75.0	93.5	112.5
47.5°	6.7	8.0	9.7	14.0	27.8	42.8	61.6	88.8	113.0	135.3	161.3
45°	8.3	11.1	13.0	27.6	43.7	63.1	94.9	128.1	150.0	180.0	225.9
42.5°	9.9	15.4	24.8	41.7	61.4	92.6	132.0	160.2	189.5	238.0	286.4
40°	14.2	20.6	37.4	57.6	82.4	128.0	168.3	200.3	240.3	294.2	344.6
37.5°	19.5	31.4	50.2	74.4	115.5	165.3	208.6	254.4	300.3	351.1	444.7
35°	25.3	41.5	66.5	99.2	148.6	206.8	258.4	309.5	362.5	462.4	555.3
32.5°	33.0	50.7	83.6	127.9	184.2	248.2	308.1	367.3	452.1	565.2	658.5
30°	41.2	65.6	103.2	154.5	217.9	286.2	358.2	429.8	542.1	635.7	736.9
27.5°	49.8	81.3	126.1	182.3	249.4	322.0	403.3	505.4	605.6	698.1	809.3
25°	58.6	97.7	147.1	208.9	280.4	360.7	454.2	578.5	656.9	759.1	875.1
22.5°	69.9	113.3	167.9	233.0	309.1	400.4	519.7	644.6	736.8	822.7	936.1
20°	83.0	130.9	190.5	263.2	337.3	439.3	584.8	716.1	824.6	923.1	1027.2
17.5°	95.2	147.4	214.7	294.1	378.2	489.1	648.7	794.1	913.5	1023.2	1153.1
15°	106.6	162.6	238.5	323.2	418.5	546.1	706.0	865.7	1002.0	1125.4	1273.1
12.5°	116.9	176.5	261.3	350.6	456.4	595.2	754.1	910.0	1059.8	1220.7	1388.3
10°	126.2	189.0	282.9	375.8	491.5	636.8	793.9	946.9	1098.1	1268.3	1454.5
7.5°	136.2	200.7	302.5	398.7	523.4	671.2	825.6	976.6	1129.0	1306.5	1497.6
5°	145.4	211.5	318.1	415.1	548.1	698.0	849.5	999.1	1152.5	1334.9	1530.2
2.5°	153.5	220.6	330.7	428.0	566.5	717.7	865.1	1017.9	1169.9	1358.0	1555.1
0°	160.4	227.9	340.4	437.9	580.3	731.8	874.2	1030.2	1180.1	1373.6	1571.5
-2.5°	164.8	239.9	347.0	455.1	592.4	741.0	882.4	1033.7	1191.1	1378.5	1589.9
-5°	167.9	249.7	351.1	468.4	600.3	745.1	885.1	1031.0	1194.0	1377.2	1592.6
-7.5°	169.7	256.6	352.9	475.9	603.1	742.7	880.5	1025.9	1189.2	1372.5	1580.7
-10°	170.8	258.7	355.5	473.7	599.4	734.6	870.4	1014.0	1175.6	1357.2	1558.1
-12.5°	173.6	257.4	355.0	468.6	591.5	722.5	855.3	995.1	1152.9	1331.1	1526.8
-15°	174.3	254.3	350.8	461.2	579.5	706.6	835.6	969.2	1125.0	1305.6	1492.2
-17.5°	172.7	249.6	342.5	451.8	563.3	687.3	812.4	945.9	1098.8	1276.2	1455.9
-20°	168.7	243.5	329.9	440.6	544.2	665.9	789.2	921.5	1068.6	1235.4	1415.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	162.2	236.2	316.3	425.0	527.7	641.4	762.0	888.2	1030.9	1182.5	1360.6
-25°	155.4	228.0	305.6	403.5	507.8	612.7	730.8	847.5	986.5	1135.4	1293.4
-27.5°	148.9	216.5	294.5	380.0	484.3	582.0	695.4	809.3	936.6	1082.5	1228.0
-30°	140.5	204.0	280.9	357.4	456.3	553.1	656.0	768.1	882.5	1021.0	1164.2
-32.5°	133.1	191.1	265.5	340.2	426.2	520.6	613.4	720.3	832.0	950.1	1091.5
-35°	128.2	183.4	249.1	320.3	395.5	485.3	573.5	666.4	774.6	885.4	1009.6
-37.5°	124.1	174.6	231.8	299.6	371.2	448.2	530.8	616.2	710.7	822.4	939.2
-40°	117.8	164.7	219.1	279.8	343.0	413.1	489.7	567.0	648.9	758.0	873.3
-42.5°	109.7	155.2	207.0	258.3	316.0	380.0	448.1	520.9	599.6	694.4	800.3
-45°	103.4	142.9	193.6	239.6	287.3	345.9	409.9	475.8	550.0	631.4	726.5
-47.5°	95.5	129.6	176.2	219.1	261.1	311.1	369.7	432.1	497.8	571.1	649.1
-50°	87.0	118.5	154.8	196.5	236.6	278.2	328.1	385.9	445.5	509.4	579.0
-52.5°	80.6	105.5	138.6	173.4	211.6	249.3	291.8	341.3	394.6	448.0	509.1
-55°	73.3	95.9	123.2	154.4	186.9	221.8	260.5	303.8	347.3	396.3	445.2
-57.5°	68.2	86.7	110.3	137.5	166.6	196.3	232.8	269.4	309.7	350.3	390.8
-60°	64.2	78.7	98.3	122.2	148.3	176.0	205.9	239.8	274.4	307.5	342.5
-62.5°	59.6	72.2	87.6	107.1	130.6	154.7	181.1	210.1	241.4	269.3	296.4
-65°	53.7	64.6	77.8	93.7	112.2	132.5	155.0	179.4	206.5	229.1	251.3
-67.5°	46.8	56.1	67.2	80.1	95.5	111.4	127.9	148.6	170.5	189.0	207.1
-70°	38.3	46.8	55.9	66.4	78.5	92.0	106.6	121.6	136.6	151.7	168.2
-72.5°	29.3	37.1	44.8	52.3	61.9	73.0	84.8	97.4	110.5	123.4	136.0
-75°	22.3	27.4	34.1	40.9	47.6	54.8	62.8	72.8	85.0	97.5	109.0
-77.5°	16.9	21.1	25.6	30.2	34.5	39.8	45.6	51.8	61.9	73.4	85.1
-80°	12.2	14.7	18.3	22.0	25.0	27.9	31.0	34.1	41.6	50.9	60.8
-82.5°	9.0	10.8	12.7	14.9	16.4	17.9	19.5	21.6	27.1	33.4	40.1
-85°	6.2	6.7	7.8	9.0	9.9	10.7	11.6	12.5	15.4	18.8	22.4
-87.5°	5.4	5.6	5.9	6.2	6.3	6.4	6.5	6.6	7.6	8.7	9.8
-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: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.0	6.4	6.8	7.1	7.5	7.9	8.3	8.6	9.0	9.0	9.0
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.5	1.1	0.7	0.4	0.6	0.9	1.1	1.1	1.0	0.8
62.5°	2.4	2.2	2.0	2.3	2.7	3.2	3.0	2.9	2.7	2.5	2.6
60°	8.9	5.9	6.8	8.6	8.0	5.5	9.0	10.2	8.7	6.0	5.8
57.5°	22.5	21.7	24.9	36.3	40.0	36.4	43.5	52.8	52.5	45.3	45.0
55°	47.9	64.3	84.0	87.2	100.9	128.5	149.9	140.5	140.5	147.5	170.3
52.5°	91.0	106.4	112.2	127.5	156.2	177.0	190.4	204.3	219.5	235.0	250.8
50°	133.5	148.5	165.5	181.2	221.0	242.4	238.8	267.5	304.3	327.3	339.1
47.5°	195.8	219.4	255.4	311.8	341.5	362.9	389.6	422.2	464.3	521.4	565.4
45°	269.2	306.3	362.0	421.9	467.9	488.9	519.5	569.8	637.0	702.4	750.1
42.5°	329.1	380.1	442.9	500.1	537.7	572.1	611.7	654.2	731.1	801.0	856.1
40°	407.4	447.1	517.5	571.5	605.1	639.3	701.9	765.5	837.9	903.0	948.2
37.5°	506.6	551.3	624.6	685.6	718.0	730.0	836.6	925.1	983.9	1067.0	1094.1
35°	613.2	686.7	780.1	859.2	890.9	954.3	1064.1	1187.6	1321.5	1370.7	1412.7
32.5°	732.0	822.8	949.5	1034.3	1079.6	1175.8	1314.8	1446.6	1621.6	1716.6	1745.0
30°	840.8	944.9	1053.8	1136.3	1213.8	1329.6	1456.3	1618.9	1780.7	1902.2	1939.9
27.5°	920.6	1035.8	1140.5	1217.8	1305.2	1430.0	1588.0	1752.6	1911.5	2035.4	2079.5
25°	996.8	1127.0	1209.9	1299.7	1402.4	1538.5	1713.5	1896.5	2053.0	2157.7	2211.7
22.5°	1083.4	1211.9	1300.9	1377.0	1511.1	1667.9	1830.4	2037.1	2202.9	2286.5	2345.0
20°	1172.9	1318.2	1455.7	1526.4	1642.5	1841.1	2022.9	2218.1	2378.2	2465.3	2527.0
17.5°	1297.7	1482.9	1651.4	1751.6	1876.0	2113.4	2340.3	2537.8	2760.5	2839.2	2914.5
15°	1429.3	1643.6	1841.1	1999.8	2160.4	2395.7	2687.8	2926.1	3180.2	3293.7	3422.0
12.5°	1560.5	1763.2	1942.2	2147.0	2373.3	2581.4	2859.5	3156.2	3386.8	3531.6	3618.0
10°	1658.5	1846.8	2019.0	2224.3	2450.2	2685.6	2962.0	3266.1	3507.5	3631.1	3701.6
7.5°	1711.4	1891.7	2073.3	2281.3	2506.3	2757.0	3041.7	3343.4	3590.3	3710.0	3779.6
5°	1750.7	1923.9	2111.9	2330.9	2558.4	2812.6	3097.0	3395.1	3620.1	3747.3	3835.3
2.5°	1774.5	1944.3	2136.5	2362.9	2591.0	2855.7	3153.8	3462.9	3659.8	3762.1	3843.0
0°	1781.4	1952.4	2150.3	2379.7	2613.7	2880.6	3176.0	3481.9	3681.3	3780.3	3862.7
-2.5°	1789.2	1965.2	2168.6	2390.6	2622.5	2888.7	3190.3	3488.3	3667.7	3767.6	3846.0
-5°	1783.8	1966.2	2168.9	2381.6	2615.0	2879.1	3168.5	3447.3	3635.0	3742.9	3820.9
-7.5°	1767.6	1952.6	2153.3	2357.7	2586.7	2853.7	3142.0	3410.3	3600.5	3714.3	3799.7
-10°	1744.2	1923.7	2125.8	2332.8	2559.1	2813.2	3097.1	3363.8	3545.8	3666.7	3766.2
-12.5°	1718.1	1894.0	2088.7	2287.3	2511.1	2762.1	3037.1	3289.7	3470.5	3602.4	3673.5
-15°	1679.5	1855.3	2041.5	2233.6	2451.7	2695.2	2957.9	3200.2	3377.8	3485.1	3563.7
-17.5°	1630.5	1802.9	1979.5	2161.6	2367.1	2606.9	2871.2	3110.2	3255.0	3350.8	3428.0
-20°	1577.9	1737.4	1904.7	2076.5	2275.7	2513.3	2772.9	2981.3	3117.8	3209.8	3282.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1517.9	1671.5	1824.5	1988.9	2184.2	2402.0	2631.3	2832.7	2979.4	3063.3	3130.7
-25°	1449.4	1598.8	1744.1	1902.9	2082.3	2278.1	2491.3	2689.2	2820.6	2909.7	2976.5
-27.5°	1375.6	1515.9	1658.0	1800.5	1961.8	2156.9	2354.3	2538.2	2650.4	2740.2	2807.4
-30°	1301.9	1428.2	1559.6	1694.5	1845.9	2021.8	2206.5	2361.1	2479.4	2566.7	2629.1
-32.5°	1222.1	1341.9	1458.3	1584.4	1727.0	1882.0	2044.1	2191.2	2317.6	2397.5	2450.1
-35°	1140.3	1256.3	1362.9	1477.3	1603.1	1736.9	1886.5	2031.5	2156.4	2219.6	2270.8
-37.5°	1055.2	1170.8	1271.8	1367.5	1475.8	1599.7	1745.4	1883.8	1991.7	2046.0	2092.2
-40°	981.2	1083.0	1173.9	1265.4	1353.4	1463.5	1599.4	1733.4	1820.0	1872.9	1915.9
-42.5°	909.3	995.2	1069.6	1151.6	1239.8	1348.2	1457.9	1570.3	1639.9	1698.6	1743.8
-45°	825.5	902.3	972.1	1040.3	1120.7	1219.7	1319.4	1409.4	1474.5	1531.4	1575.4
-47.5°	732.9	807.0	874.8	935.8	1010.6	1093.2	1177.1	1252.0	1316.3	1372.4	1411.7
-50°	646.7	712.9	779.0	840.8	905.5	972.4	1040.5	1106.2	1167.2	1221.8	1255.2
-52.5°	569.3	630.4	688.3	742.3	798.9	855.4	911.7	971.9	1028.1	1079.7	1106.4
-55°	499.4	554.5	606.7	652.1	697.6	742.4	790.7	846.3	898.0	945.8	965.0
-57.5°	436.6	483.7	529.9	568.4	605.5	641.1	683.5	730.5	775.7	816.7	832.4
-60°	378.9	416.3	454.9	489.0	521.3	551.9	588.9	626.7	663.4	694.3	707.7
-62.5°	325.7	357.7	387.0	414.7	442.2	469.7	499.5	529.4	559.1	582.9	594.9
-65°	274.5	300.0	323.5	346.3	368.4	391.5	414.9	437.7	459.6	476.6	487.0
-67.5°	226.4	245.8	264.4	282.2	300.7	319.4	337.7	355.2	371.7	384.8	394.8
-70°	183.8	198.8	213.4	228.1	243.5	258.1	271.9	284.9	297.2	306.7	314.4
-72.5°	148.1	160.3	172.9	186.1	198.6	209.5	219.4	229.0	238.1	243.4	247.4
-75°	119.5	129.7	140.7	151.4	161.8	170.1	177.3	184.3	191.1	191.5	190.1
-77.5°	96.5	105.7	114.2	122.6	130.9	136.0	140.4	145.0	149.6	146.9	142.7
-80°	70.8	78.5	85.7	92.9	100.2	103.2	105.3	107.1	108.7	105.2	100.8
-82.5°	47.0	51.8	56.5	61.3	66.1	68.0	69.5	70.7	71.6	68.5	64.8
-85°	26.2	28.5	30.8	33.1	35.4	36.7	38.0	39.1	40.1	38.3	36.1
-87.5°	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.3	14.8	14.9	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6
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	0.0	0.1	0.4	0.8	1.0	1.1	1.1
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.6	2.5	2.7	2.9
60°	5.3	4.6	4.5	4.5	4.5	4.6	5.3	5.8	6.0	8.7	10.2
57.5°	41.6	35.6	36.5	40.5	36.5	35.6	41.6	45.0	45.3	52.5	52.8
55°	194.2	216.8	224.8	220.4	224.8	216.8	194.2	170.3	147.5	140.5	140.5
52.5°	263.2	272.5	276.0	275.9	276.0	272.5	263.2	250.8	235.0	219.5	204.3
50°	342.7	339.5	334.7	329.9	334.7	339.5	342.7	339.1	327.3	304.3	267.5
47.5°	571.8	561.9	557.7	565.3	557.7	561.9	571.8	565.4	521.4	464.3	422.2
45°	759.9	771.5	780.1	779.7	780.1	771.5	759.9	750.1	702.4	637.0	569.8
42.5°	867.0	873.2	875.0	872.7	875.0	873.2	867.0	856.1	801.0	731.1	654.2
40°	962.4	969.8	974.0	977.7	974.0	969.8	962.4	948.2	903.0	837.9	765.5
37.5°	1103.1	1105.8	1099.9	1096.1	1099.9	1105.8	1103.1	1094.1	1067.0	983.9	925.1
35°	1448.0	1455.1	1438.7	1456.0	1438.7	1455.1	1448.0	1412.7	1370.7	1321.5	1187.6
32.5°	1778.9	1812.0	1838.7	1860.9	1838.7	1812.0	1778.9	1745.0	1716.6	1621.6	1446.6
30°	1966.2	1987.6	1999.0	2001.8	1999.0	1987.6	1966.2	1939.9	1902.2	1780.7	1618.9
27.5°	2103.8	2126.2	2140.2	2150.3	2140.2	2126.2	2103.8	2079.5	2035.4	1911.5	1752.6
25°	2236.4	2256.9	2270.9	2276.3	2270.9	2256.9	2236.4	2211.7	2157.7	2053.0	1896.5
22.5°	2374.0	2388.3	2401.6	2408.2	2401.6	2388.3	2374.0	2345.0	2286.5	2202.9	2037.1
20°	2571.3	2563.6	2575.8	2571.7	2575.8	2563.6	2571.3	2527.0	2465.3	2378.2	2218.1
17.5°	2973.3	2977.5	2985.6	2999.0	2985.6	2977.5	2973.3	2914.5	2839.2	2760.5	2537.8
15°	3478.8	3489.0	3540.7	3586.8	3540.7	3489.0	3478.8	3422.0	3293.7	3180.2	2926.1
12.5°	3698.1	3733.3	3738.8	3751.8	3738.8	3733.3	3698.1	3618.0	3531.6	3386.8	3156.2
10°	3771.3	3832.3	3831.0	3846.3	3831.0	3832.3	3771.3	3701.6	3631.1	3507.5	3266.1
7.5°	3826.9	3892.2	3919.9	3931.7	3919.9	3892.2	3826.9	3779.6	3710.0	3590.3	3343.4
5°	3894.6	3930.6	3978.4	3964.7	3978.4	3930.6	3894.6	3835.3	3747.3	3620.1	3395.1
2.5°	3923.0	3979.4	3966.4	3979.7	3966.4	3979.4	3923.0	3843.0	3762.1	3659.8	3462.9
0°	3942.2	3982.7	3988.7	4002.2	3988.7	3982.7	3942.2	3862.7	3780.3	3681.3	3481.9
-2.5°	3918.9	3954.6	4017.0	3997.7	4017.0	3954.6	3918.9	3846.0	3767.6	3667.7	3488.3
-5°	3898.5	3986.3	3952.2	3994.7	3952.2	3986.3	3898.5	3820.9	3742.9	3635.0	3447.3
-7.5°	3888.0	3903.7	3926.3	3958.7	3926.3	3903.7	3888.0	3799.7	3714.3	3600.5	3410.3
-10°	3806.7	3822.7	3864.2	3886.7	3864.2	3822.7	3806.7	3766.2	3666.7	3545.8	3363.8
-12.5°	3718.4	3749.5	3793.1	3807.3	3793.1	3749.5	3718.4	3673.5	3602.4	3470.5	3289.7
-15°	3616.7	3662.8	3705.4	3714.3	3705.4	3662.8	3616.7	3563.7	3485.1	3377.8	3200.2
-17.5°	3487.4	3542.7	3587.4	3597.3	3587.4	3542.7	3487.4	3428.0	3350.8	3255.0	3110.2
-20°	3344.9	3397.9	3435.9	3447.4	3435.9	3397.9	3344.9	3282.7	3209.8	3117.8	2981.3



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 CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3192.4	3240.1	3272.2	3267.4	3272.2	3240.1	3192.4	3130.7	3063.3	2979.4	2832.7
-25°	3030.5	3074.7	3105.4	3101.0	3105.4	3074.7	3030.5	2976.5	2909.7	2820.6	2689.2
-27.5°	2859.2	2901.2	2930.6	2931.5	2930.6	2901.2	2859.2	2807.4	2740.2	2650.4	2538.2
-30°	2679.4	2717.4	2741.3	2732.1	2741.3	2717.4	2679.4	2629.1	2566.7	2479.4	2361.1
-32.5°	2493.8	2528.3	2550.2	2556.7	2550.2	2528.3	2493.8	2450.1	2397.5	2317.6	2191.2
-35°	2310.8	2341.1	2360.0	2364.7	2360.0	2341.1	2310.8	2270.8	2219.6	2156.4	2031.5
-37.5°	2129.0	2155.1	2168.3	2162.3	2168.3	2155.1	2129.0	2092.2	2046.0	1991.7	1883.8
-40°	1949.3	1974.2	1989.3	1992.9	1989.3	1974.2	1949.3	1915.9	1872.9	1820.0	1733.4
-42.5°	1772.6	1793.2	1806.5	1812.9	1806.5	1793.2	1772.6	1743.8	1698.6	1639.9	1570.3
-45°	1601.1	1619.6	1632.1	1639.0	1632.1	1619.6	1601.1	1575.4	1531.4	1474.5	1409.4
-47.5°	1434.2	1450.5	1461.2	1466.5	1461.2	1450.5	1434.2	1411.7	1372.4	1316.3	1252.0
-50°	1274.8	1288.8	1298.8	1304.6	1298.8	1288.8	1274.8	1255.2	1221.8	1167.2	1106.2
-52.5°	1123.4	1135.7	1144.2	1148.6	1144.2	1135.7	1123.4	1106.4	1079.7	1028.1	971.9
-55°	979.0	989.0	996.9	1001.7	996.9	989.0	979.0	965.0	945.8	898.0	846.3
-57.5°	844.3	852.4	859.9	865.2	859.9	852.4	844.3	832.4	816.7	775.7	730.5
-60°	718.2	725.9	732.2	736.3	732.2	725.9	718.2	707.7	694.3	663.4	626.7
-62.5°	604.4	611.2	617.0	620.8	617.0	611.2	604.4	594.9	582.9	559.1	529.4
-65°	495.3	501.3	505.7	508.3	505.7	501.3	495.3	487.0	476.6	459.6	437.7
-67.5°	403.4	410.4	411.8	410.9	411.8	410.4	403.4	394.8	384.8	371.7	355.2
-70°	321.2	327.2	328.6	328.4	328.6	327.2	321.2	314.4	306.7	297.2	284.9
-72.5°	251.2	254.4	251.6	247.4	251.6	254.4	251.2	247.4	243.4	238.1	229.0
-75°	188.4	186.4	183.5	179.9	183.5	186.4	188.4	190.1	191.5	191.1	184.3
-77.5°	138.1	133.0	129.6	126.0	129.6	133.0	138.1	142.7	146.9	149.6	145.0
-80°	96.1	91.1	87.7	84.0	87.7	91.1	96.1	100.8	105.2	108.7	107.1
-82.5°	60.9	56.8	54.7	52.5	54.7	56.8	60.9	64.8	68.5	71.6	70.7
-85°	33.8	31.4	30.0	28.5	30.0	31.4	33.8	36.1	38.3	40.1	39.1
-87.5°	14.9	15.0	14.2	13.5	14.2	15.0	14.9	14.9	14.9	14.8	14.3
-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):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.3	7.9	7.5	7.1	6.8	6.4	6.0	5.6	5.3	4.9	4.5
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	0.1	0.2	0.1	0.0	0.2
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	0.9	0.8	0.8
65°	0.9	0.6	0.4	0.7	1.1	1.5	1.6	1.4	1.4	1.6	1.9
62.5°	3.0	3.2	2.7	2.3	2.0	2.2	2.4	2.5	2.2	1.8	2.3
60°	9.0	5.5	8.0	8.6	6.8	5.9	8.9	8.4	4.4	3.8	3.4
57.5°	43.5	36.4	40.0	36.3	24.9	21.7	22.5	21.4	19.4	11.9	5.1
55°	149.9	128.5	100.9	87.2	84.0	64.3	47.9	40.0	36.3	26.2	17.3
52.5°	190.4	177.0	156.2	127.5	112.2	106.4	91.0	72.8	57.8	46.3	33.2
50°	238.8	242.4	221.0	181.2	165.5	148.5	133.5	112.5	93.5	75.0	55.4
47.5°	389.6	362.9	341.5	311.8	255.4	219.4	195.8	161.3	135.3	113.0	88.8
45°	519.5	488.9	467.9	421.9	362.0	306.3	269.2	225.9	180.0	150.0	128.1
42.5°	611.7	572.1	537.7	500.1	442.9	380.1	329.1	286.4	238.0	189.5	160.2
40°	701.9	639.3	605.1	571.5	517.5	447.1	407.4	344.6	294.2	240.3	200.3
37.5°	836.6	730.0	718.0	685.6	624.6	551.3	506.6	444.7	351.1	300.3	254.4
35°	1064.1	954.3	890.9	859.2	780.1	686.7	613.2	555.3	462.4	362.5	309.5
32.5°	1314.8	1175.8	1079.6	1034.3	949.5	822.8	732.0	658.5	565.2	452.1	367.3
30°	1456.3	1329.6	1213.8	1136.3	1053.8	944.9	840.8	736.9	635.7	542.1	429.8
27.5°	1588.0	1430.0	1305.2	1217.8	1140.5	1035.8	920.6	809.3	698.1	605.6	505.4
25°	1713.5	1538.5	1402.4	1299.7	1209.9	1127.0	996.8	875.1	759.1	656.9	578.5
22.5°	1830.4	1667.9	1511.1	1377.0	1300.9	1211.9	1083.4	936.1	822.7	736.8	644.6
20°	2022.9	1841.1	1642.5	1526.4	1455.7	1318.2	1172.9	1027.2	923.1	824.6	716.1
17.5°	2340.3	2113.4	1876.0	1751.6	1651.4	1482.9	1297.7	1153.1	1023.2	913.5	794.1
15°	2687.8	2395.7	2160.4	1999.8	1841.1	1643.6	1429.3	1273.1	1125.4	1002.0	865.7
12.5°	2859.5	2581.4	2373.3	2147.0	1942.2	1763.2	1560.5	1388.3	1220.7	1059.8	910.0
10°	2962.0	2685.6	2450.2	2224.3	2019.0	1846.8	1658.5	1454.5	1268.3	1098.1	946.9
7.5°	3041.7	2757.0	2506.3	2281.3	2073.3	1891.7	1711.4	1497.6	1306.5	1129.0	976.6
5°	3097.0	2812.6	2558.4	2330.9	2111.9	1923.9	1750.7	1530.2	1334.9	1152.5	999.1
2.5°	3153.8	2855.7	2591.0	2362.9	2136.5	1944.3	1774.5	1555.1	1358.0	1169.9	1017.9
0°	3176.0	2880.6	2613.7	2379.7	2150.3	1952.4	1781.4	1571.5	1373.6	1180.1	1030.2
-2.5°	3190.3	2888.7	2622.5	2390.6	2168.6	1965.2	1789.2	1589.9	1378.5	1191.1	1033.7
-5°	3168.5	2879.1	2615.0	2381.6	2168.9	1966.2	1783.8	1592.6	1377.2	1194.0	1031.0
-7.5°	3142.0	2853.7	2586.7	2357.7	2153.3	1952.6	1767.6	1580.7	1372.5	1189.2	1025.9
-10°	3097.1	2813.2	2559.1	2332.8	2125.8	1923.7	1744.2	1558.1	1357.2	1175.6	1014.0
-12.5°	3037.1	2762.1	2511.1	2287.3	2088.7	1894.0	1718.1	1526.8	1331.1	1152.9	995.1
-15°	2957.9	2695.2	2451.7	2233.6	2041.5	1855.3	1679.5	1492.2	1305.6	1125.0	969.2
-17.5°	2871.2	2606.9	2367.1	2161.6	1979.5	1802.9	1630.5	1455.9	1276.2	1098.8	945.9
-20°	2772.9	2513.3	2275.7	2076.5	1904.7	1737.4	1577.9	1415.3	1235.4	1068.6	921.5



REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2631.3	2402.0	2184.2	1988.9	1824.5	1671.5	1517.9	1360.6	1182.5	1030.9	888.2
-25°	2491.3	2278.1	2082.3	1902.9	1744.1	1598.8	1449.4	1293.4	1135.4	986.5	847.5
-27.5°	2354.3	2156.9	1961.8	1800.5	1658.0	1515.9	1375.6	1228.0	1082.5	936.6	809.3
-30°	2206.5	2021.8	1845.9	1694.5	1559.6	1428.2	1301.9	1164.2	1021.0	882.5	768.1
-32.5°	2044.1	1882.0	1727.0	1584.4	1458.3	1341.9	1222.1	1091.5	950.1	832.0	720.3
-35°	1886.5	1736.9	1603.1	1477.3	1362.9	1256.3	1140.3	1009.6	885.4	774.6	666.4
-37.5°	1745.4	1599.7	1475.8	1367.5	1271.8	1170.8	1055.2	939.2	822.4	710.7	616.2
-40°	1599.4	1463.5	1353.4	1265.4	1173.9	1083.0	981.2	873.3	758.0	648.9	567.0
-42.5°	1457.9	1348.2	1239.8	1151.6	1069.6	995.2	909.3	800.3	694.4	599.6	520.9
-45°	1319.4	1219.7	1120.7	1040.3	972.1	902.3	825.5	726.5	631.4	550.0	475.8
-47.5°	1177.1	1093.2	1010.6	935.8	874.8	807.0	732.9	649.1	571.1	497.8	432.1
-50°	1040.5	972.4	905.5	840.8	779.0	712.9	646.7	579.0	509.4	445.5	385.9
-52.5°	911.7	855.4	798.9	742.3	688.3	630.4	569.3	509.1	448.0	394.6	341.3
-55°	790.7	742.4	697.6	652.1	606.7	554.5	499.4	445.2	396.3	347.3	303.8
-57.5°	683.5	641.1	605.5	568.4	529.9	483.7	436.6	390.8	350.3	309.7	269.4
-60°	588.9	551.9	521.3	489.0	454.9	416.3	378.9	342.5	307.5	274.4	239.8
-62.5°	499.5	469.7	442.2	414.7	387.0	357.7	325.7	296.4	269.3	241.4	210.1
-65°	414.9	391.5	368.4	346.3	323.5	300.0	274.5	251.3	229.1	206.5	179.4
-67.5°	337.7	319.4	300.7	282.2	264.4	245.8	226.4	207.1	189.0	170.5	148.6
-70°	271.9	258.1	243.5	228.1	213.4	198.8	183.8	168.2	151.7	136.6	121.6
-72.5°	219.4	209.5	198.6	186.1	172.9	160.3	148.1	136.0	123.4	110.5	97.4
-75°	177.3	170.1	161.8	151.4	140.7	129.7	119.5	109.0	97.5	85.0	72.8
-77.5°	140.4	136.0	130.9	122.6	114.2	105.7	96.5	85.1	73.4	61.9	51.8
-80°	105.3	103.2	100.2	92.9	85.7	78.5	70.8	60.8	50.9	41.6	34.1
-82.5°	69.5	68.0	66.1	61.3	56.5	51.8	47.0	40.1	33.4	27.1	21.6
-85°	38.0	36.7	35.4	33.1	30.8	28.5	26.2	22.4	18.8	15.4	12.5
-87.5°	13.9	13.4	12.9	12.4	11.9	11.4	10.9	9.8	8.7	7.6	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





REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.1	3.8	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
82.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.4	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.8	1.0	1.0	0.8	0.5	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.4	1.4	1.0	0.7
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.8	1.2	1.5	1.2
72.5°	0.0	0.0	0.0	0.2	0.4	0.4	0.2	0.3	0.9	1.3	1.5
70°	0.2	0.1	0.0	0.2	0.6	0.9	0.9	0.7	0.6	1.1	1.4
67.5°	0.7	0.8	0.6	0.4	0.7	1.0	1.4	1.3	1.2	1.0	1.4
65°	1.7	1.6	1.5	1.3	1.1	1.1	1.5	1.8	1.7	1.5	1.4
62.5°	2.6	2.6	2.4	2.2	1.9	1.7	1.6	2.1	2.3	2.0	1.7
60°	3.4	3.5	3.4	3.1	2.8	2.5	2.2	2.3	2.6	2.5	2.1
57.5°	4.7	4.5	4.5	4.1	3.6	3.2	3.0	2.9	3.0	3.0	2.6
55°	8.2	5.7	5.8	5.3	4.6	4.0	3.8	3.6	3.5	3.4	3.0
52.5°	20.8	11.6	7.4	6.9	6.0	4.9	4.6	4.4	4.1	3.9	3.5
50°	38.5	24.9	14.1	8.9	7.5	6.4	5.3	5.1	4.8	4.4	3.9
47.5°	61.6	42.8	27.8	14.0	9.7	8.0	6.7	5.8	5.4	5.0	4.3
45°	94.9	63.1	43.7	27.6	13.0	11.1	8.3	6.5	6.0	5.5	4.7
42.5°	132.0	92.6	61.4	41.7	24.8	15.4	9.9	7.8	6.6	6.1	5.2
40°	168.3	128.0	82.4	57.6	37.4	20.6	14.2	9.4	7.3	6.7	5.7
37.5°	208.6	165.3	115.5	74.4	50.2	31.4	19.5	10.9	8.3	7.3	6.2
35°	258.4	206.8	148.6	99.2	66.5	41.5	25.3	13.9	10.1	8.0	6.8
32.5°	308.1	248.2	184.2	127.9	83.6	50.7	33.0	19.8	12.4	8.7	7.3
30°	358.2	286.2	217.9	154.5	103.2	65.6	41.2	25.6	14.9	9.4	7.9
27.5°	403.3	322.0	249.4	182.3	126.1	81.3	49.8	31.1	17.7	10.6	8.5
25°	454.2	360.7	280.4	208.9	147.1	97.7	58.6	36.6	21.8	12.8	9.1
22.5°	519.7	400.4	309.1	233.0	167.9	113.3	69.9	43.8	26.3	15.1	9.7
20°	584.8	439.3	337.3	263.2	190.5	130.9	83.0	51.0	30.6	17.4	10.3
17.5°	648.7	489.1	378.2	294.1	214.7	147.4	95.2	58.0	34.6	19.9	10.8
15°	706.0	546.1	418.5	323.2	238.5	162.6	106.6	64.9	38.4	22.3	11.6
12.5°	754.1	595.2	456.4	350.6	261.3	176.5	116.9	71.5	41.9	25.0	12.6
10°	793.9	636.8	491.5	375.8	282.9	189.0	126.2	78.0	46.0	27.8	13.7
7.5°	825.6	671.2	523.4	398.7	302.5	200.7	136.2	85.0	50.0	30.6	14.8
5°	849.5	698.0	548.1	415.1	318.1	211.5	145.4	91.3	53.6	33.1	15.9
2.5°	865.1	717.7	566.5	428.0	330.7	220.6	153.5	97.0	57.0	35.4	17.0
0°	874.2	731.8	580.3	437.9	340.4	227.9	160.4	102.0	60.0	37.5	18.0
-2.5°	882.4	741.0	592.4	455.1	347.0	239.9	164.8	106.5	64.7	39.0	19.8
-5°	885.1	745.1	600.3	468.4	351.1	249.7	167.9	110.1	68.9	40.2	21.5
-7.5°	880.5	742.7	603.1	475.9	352.9	256.6	169.7	113.0	72.3	41.1	23.0
-10°	870.4	734.6	599.4	473.7	355.5	258.7	170.8	115.1	74.7	41.8	24.2
-12.5°	855.3	722.5	591.5	468.6	355.0	257.4	173.6	116.7	76.0	42.3	25.1
-15°	835.6	706.6	579.5	461.2	350.8	254.3	174.3	117.3	75.9	43.2	25.6
-17.5°	812.4	687.3	563.3	451.8	342.5	249.6	172.7	116.6	75.1	44.5	26.2
-20°	789.2	665.9	544.2	440.6	329.9	243.5	168.7	114.4	73.7	45.3	26.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	762.0	641.4	527.7	425.0	316.3	236.2	162.2	110.8	71.8	45.7	27.0
-25°	730.8	612.7	507.8	403.5	305.6	228.0	155.4	105.6	69.2	45.5	26.9
-27.5°	695.4	582.0	484.3	380.0	294.5	216.5	148.9	101.8	67.0	44.9	26.5
-30°	656.0	553.1	456.3	357.4	280.9	204.0	140.5	97.6	66.1	44.1	25.7
-32.5°	613.4	520.6	426.2	340.2	265.5	191.1	133.1	92.8	64.4	43.0	25.8
-35°	573.5	485.3	395.5	320.3	249.1	183.4	128.2	87.4	62.1	41.5	25.9
-37.5°	530.8	448.2	371.2	299.6	231.8	174.6	124.1	85.0	59.1	39.6	25.8
-40°	489.7	413.1	343.0	279.8	219.1	164.7	117.8	82.4	56.2	37.2	25.5
-42.5°	448.1	380.0	316.0	258.3	207.0	155.2	109.7	78.3	53.9	35.9	24.9
-45°	409.9	345.9	287.3	239.6	193.6	142.9	103.4	73.1	51.0	34.9	24.4
-47.5°	369.7	311.1	261.1	219.1	176.2	129.6	95.5	69.1	47.6	33.7	24.0
-50°	328.1	278.2	236.6	196.5	154.8	118.5	87.0	64.3	46.3	32.7	23.4
-52.5°	291.8	249.3	211.6	173.4	138.6	105.5	80.6	59.1	44.7	31.8	22.6
-55°	260.5	221.8	186.9	154.4	123.2	95.9	73.3	56.6	42.7	30.8	21.6
-57.5°	232.8	196.3	166.6	137.5	110.3	86.7	68.2	53.7	40.5	29.4	20.7
-60°	205.9	176.0	148.3	122.2	98.3	78.7	64.2	50.4	38.0	27.5	19.6
-62.5°	181.1	154.7	130.6	107.1	87.6	72.2	59.6	46.4	35.0	25.2	18.3
-65°	155.0	132.5	112.2	93.7	77.8	64.6	53.7	42.0	31.1	22.5	16.6
-67.5°	127.9	111.4	95.5	80.1	67.2	56.1	46.8	36.1	26.4	19.3	14.6
-70°	106.6	92.0	78.5	66.4	55.9	46.8	38.3	29.2	21.3	16.5	12.4
-72.5°	84.8	73.0	61.9	52.3	44.8	37.1	29.3	22.3	17.7	13.6	10.1
-75°	62.8	54.8	47.6	40.9	34.1	27.4	22.3	17.7	13.9	10.6	8.6
-77.5°	45.6	39.8	34.5	30.2	25.6	21.1	16.9	13.0	10.6	8.8	7.2
-80°	31.0	27.9	25.0	22.0	18.3	14.7	12.2	10.0	8.5	7.1	5.8
-82.5°	19.5	17.9	16.4	14.9	12.7	10.8	9.0	7.6	6.4	5.3	4.7
-85°	11.6	10.7	9.9	9.0	7.8	6.7	6.2	5.8	5.3	4.8	4.3
-87.5°	6.5	6.4	6.3	6.2	5.9	5.6	5.4	5.1	4.7	4.3	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1

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REPORT NUMBER: P626830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.0	2.6	2.3	1.9	1.5	1.5	1.5
87.5°	1.1	1.3	1.4	1.5	1.5	1.5	1.5
85°	0.7	1.0	1.2	1.4	1.5	1.5	1.5
82.5°	0.4	0.8	1.1	1.4	1.5	1.5	1.5
80°	0.1	0.6	1.0	1.3	1.5	1.5	1.5
77.5°	0.5	0.5	0.9	1.3	1.5	1.5	1.5
75°	0.8	0.7	0.8	1.2	1.5	1.5	1.5
72.5°	1.2	1.0	1.0	1.2	1.5	1.5	1.5
70°	1.5	1.2	1.1	1.2	1.5	1.5	1.5
67.5°	1.5	1.4	1.2	1.3	1.5	1.5	1.5
65°	1.6	1.6	1.3	1.3	1.5	1.5	1.5
62.5°	1.7	1.7	1.4	1.3	1.5	1.5	1.5
60°	1.8	1.8	1.5	1.4	1.5	1.5	1.5
57.5°	2.1	1.9	1.6	1.4	1.5	1.5	1.5
55°	2.5	2.1	1.8	1.5	1.5	1.5	1.5
52.5°	2.9	2.3	2.0	1.5	1.6	1.5	1.5
50°	3.3	2.6	2.1	1.5	1.6	1.5	1.5
47.5°	3.6	2.9	2.3	1.5	1.6	1.5	1.5
45°	4.0	3.2	2.5	1.7	1.7	1.5	1.5
42.5°	4.3	3.5	2.7	1.8	1.7	1.5	1.5
40°	4.6	3.8	2.9	2.0	1.8	1.5	1.5
37.5°	5.0	4.0	3.1	2.2	1.8	1.5	1.5
35°	5.3	4.3	3.3	2.4	1.9	1.5	1.5
32.5°	5.6	4.5	3.5	2.6	2.0	1.5	1.5
30°	6.1	4.8	3.7	2.8	2.0	1.5	1.5
27.5°	6.5	5.0	3.9	2.9	2.1	1.5	1.5
25°	7.0	5.2	4.2	3.1	2.2	1.5	1.5
22.5°	7.4	5.5	4.4	3.3	2.3	1.5	1.5
20°	7.8	5.7	4.6	3.5	2.4	1.5	1.5
17.5°	8.3	6.0	4.8	3.6	2.5	1.5	1.5
15°	8.7	6.3	5.0	3.8	2.5	1.5	1.5
12.5°	9.1	6.5	5.2	3.9	2.6	1.5	1.5
10°	9.4	6.7	5.4	4.0	2.7	1.5	1.5
7.5°	9.7	6.9	5.6	4.2	2.8	1.5	1.5
5°	10.0	7.1	5.7	4.3	2.9	1.5	1.5
2.5°	10.3	7.3	5.9	4.4	2.9	1.5	1.5
0°	10.5	7.5	6.0	4.5	3.0	1.5	1.5
-2.5°	11.1	7.7	6.1	4.5	3.0	1.5	1.5
-5°	11.6	7.8	6.2	4.5	3.0	1.5	1.5
-7.5°	12.1	7.9	6.3	4.5	3.0	1.5	1.5
-10°	12.5	8.0	6.4	4.4	3.0	1.5	1.5
-12.5°	12.8	8.1	6.4	4.4	2.9	1.5	1.5
-15°	12.9	8.2	6.5	4.3	2.9	1.5	1.5
-17.5°	13.0	8.3	6.5	4.3	2.9	1.5	1.5
-20°	13.3	8.3	6.4	4.2	2.8	1.5	1.5

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CATALOG NUMBER: GFLD-SA2B-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.2	8.4	6.3	4.2	2.8	1.5	1.5
-25°	14.9	8.9	6.2	4.1	2.7	1.5	1.5
-27.5°	15.4	9.6	6.1	4.0	2.7	1.5	1.5
-30°	15.8	10.2	5.9	3.9	2.6	1.5	1.5
-32.5°	16.0	10.7	6.1	3.8	2.5	1.5	1.5
-35°	16.5	11.1	6.3	3.7	2.5	1.5	1.5
-37.5°	16.9	11.4	6.4	3.6	2.4	1.5	1.5
-40°	17.2	11.4	6.5	3.4	2.3	1.5	1.5
-42.5°	17.3	11.5	6.5	3.4	2.2	1.5	1.5
-45°	17.2	11.4	6.5	3.4	2.1	1.5	1.5
-47.5°	16.9	11.2	6.5	3.4	2.0	1.5	1.5
-50°	16.6	10.9	6.4	3.3	1.9	1.5	1.5
-52.5°	16.1	10.6	6.2	3.3	1.8	1.5	1.5
-55°	15.5	10.2	5.9	3.2	1.7	1.5	1.5
-57.5°	14.8	9.6	5.6	3.1	1.6	1.5	1.5
-60°	14.0	9.0	5.2	2.9	1.5	1.5	1.5
-62.5°	12.9	8.2	4.9	2.8	1.5	1.5	1.5
-65°	11.6	7.3	4.6	2.6	1.5	1.5	1.5
-67.5°	10.2	6.6	4.2	2.4	1.5	1.5	1.5
-70°	8.7	6.0	3.8	2.2	1.5	1.5	1.5
-72.5°	7.7	5.3	3.4	2.1	1.5	1.5	1.5
-75°	6.7	4.7	3.0	2.1	1.5	1.5	1.5
-77.5°	5.6	3.9	2.8	2.1	1.5	1.5	1.5
-80°	4.6	3.5	2.7	2.0	1.5	1.5	1.5
-82.5°	4.1	3.3	2.6	2.0	1.5	1.5	1.5
-85°	3.8	3.1	2.5	2.0	1.5	1.5	1.5
-87.5°	3.4	2.9	2.4	1.9	1.5	1.5	1.5
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)