

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: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627000 (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-SA2D-750-U-VWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

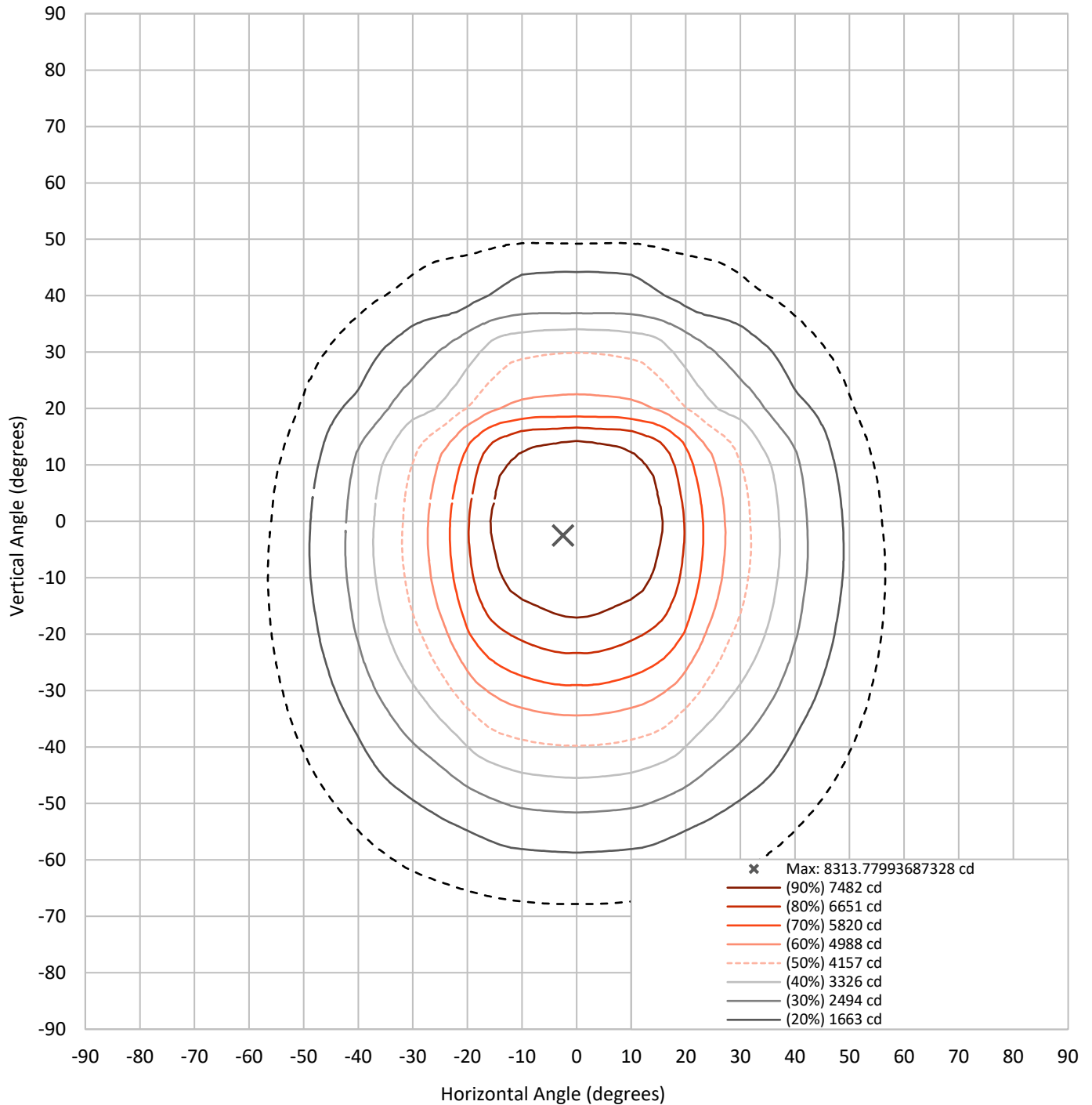
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11095 lumens	Max Intensity:	8313.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	102.1 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:	6419.2 lumens	Field Lumens:	10528.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	108.7		
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		



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





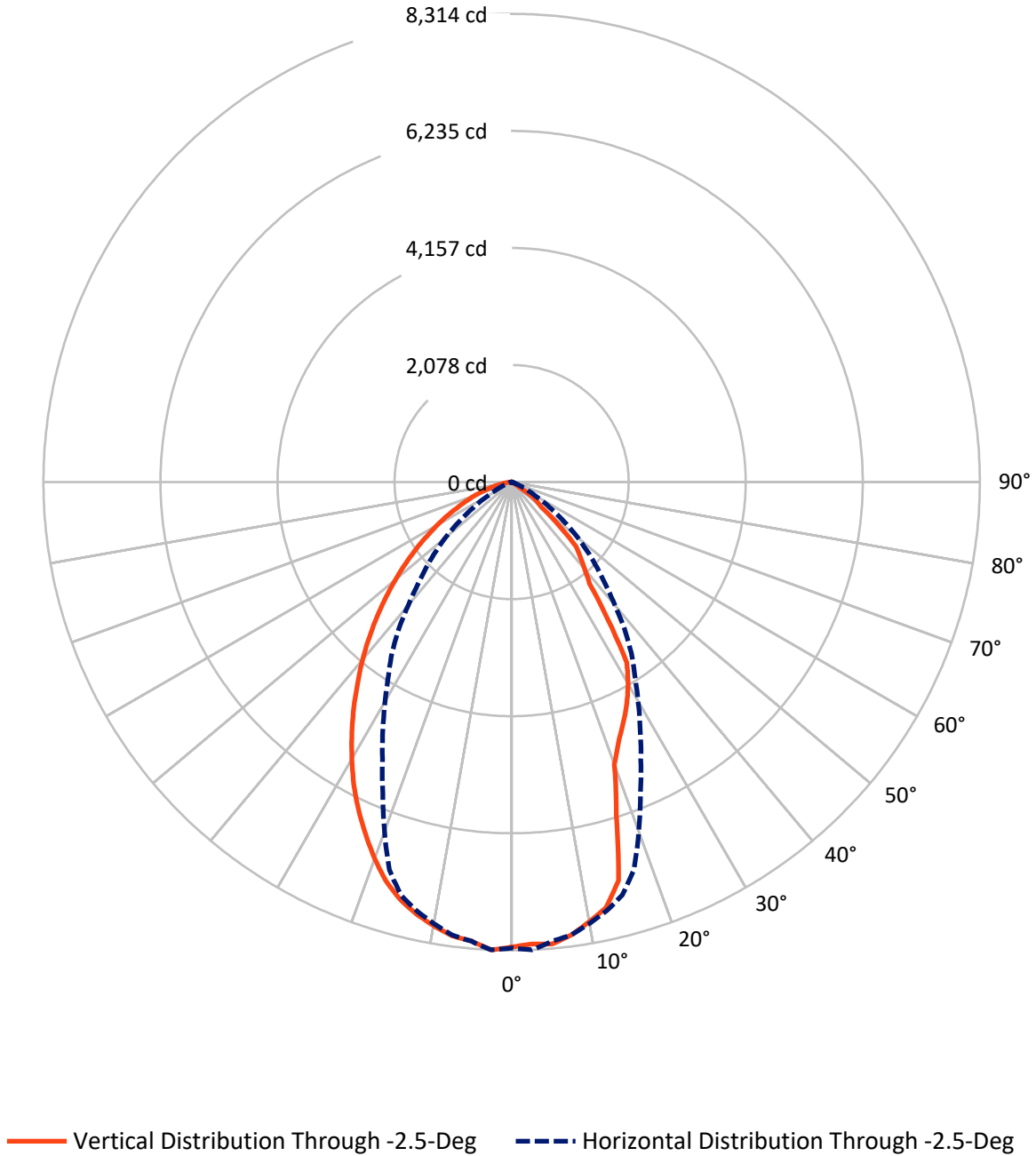
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### Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1				
50		0.1	0.2	1.0	3.0	5.8	8.6	10.8	10.8	8.6	5.8	3.0	1.0	0.2		0.1			
40	0.2	0.2	1.2	5.7	13.8	24.8	36.6	44.8	44.8	36.6	24.8	13.8	5.7	1.2	0.2	0.2			
30		0.5	4.1	14.4	32.1	52.1	78.2	91.4	91.4	78.2	52.1	32.1	14.4	4.1	0.5				
20	0.3	1.2	8.0	25.5	51.8	82.2	123.2	141.6	141.6	123.2	82.2	51.8	25.5	8.0	1.2	0.3			
10		2.1	12.3	37.8	74.6	122.8	182.9	209.7	209.7	182.9	122.8	74.6	37.8	12.3	2.1				
0	0.6	2.9	15.9	44.9	89.3	146.8	215.9	245.1	245.1	215.9	146.8	89.3	44.9	15.9	2.9	0.6			
-10		3.4	17.5	46.6	91.7	150.2	217.5	246.0	246.0	217.5	150.2	91.7	46.6	17.5	3.4				
-20	0.7	3.6	17.1	44.1	86.4	140.6	201.9	228.1	228.1	201.9	140.6	86.4	44.1	17.1	3.6	0.7			
-30		3.2	15.0	38.5	74.7	119.5	169.3	191.7	191.7	169.3	119.5	74.7	38.5	15.0	3.2				
-40	0.7	2.7	12.0	30.3	58.7	92.2	129.3	146.3	146.3	129.3	92.2	58.7	30.3	12.0	2.7	0.7			
-50		2.2	8.8	21.6	42.1	64.8	89.5	101.5	101.5	89.5	64.8	42.1	21.6	8.8	2.2				
-60	0.5	1.6	5.8	13.9	26.1	40.2	54.7	62.4	62.4	54.7	40.2	26.1	13.9	5.8	1.6	0.5			
-70		1.1	3.5	8.1	14.4	21.4	28.3	32.0	32.0	28.3	21.4	14.4	8.1	3.5	1.1				
-80	0.2	2.6	12.0	26.1	29.1	26.1	12.0	2.6	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

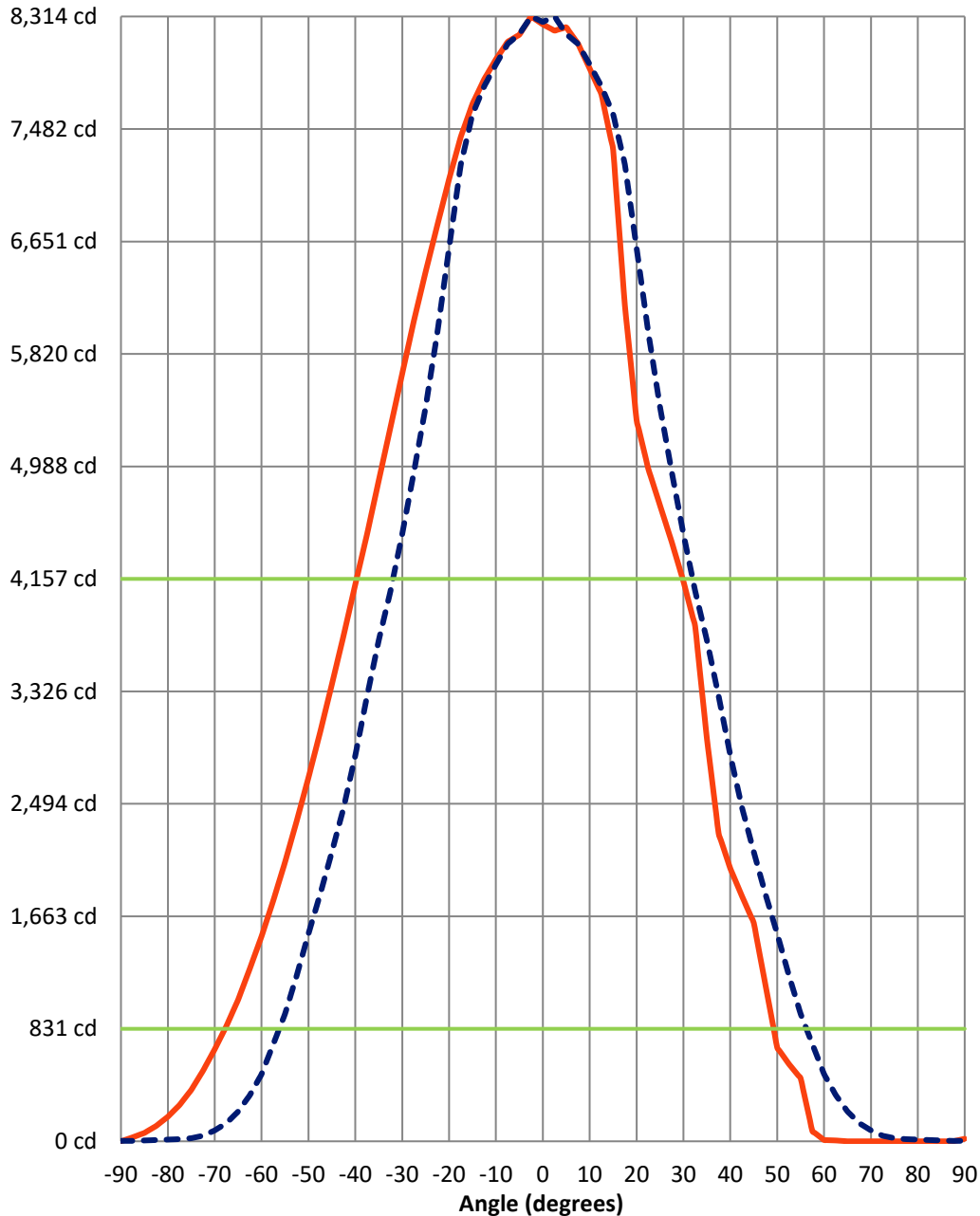
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 6419.2  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 10528.5  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 566.5  
 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°	3.1	3.1	3.1	3.9	4.7	5.4	6.2	7.0	7.8	8.5	9.3
87.5°	3.1	3.1	3.1	3.0	2.8	2.6	2.3	1.6	1.0	0.5	0.0
85°	3.1	3.1	3.1	2.9	2.6	2.1	1.5	0.9	0.5	0.2	0.0
82.5°	3.1	3.1	3.1	2.8	2.3	1.6	0.7	0.2	0.1	0.5	0.8
80°	3.1	3.1	3.1	2.7	2.1	1.1	0.2	0.6	1.1	1.6	2.1
77.5°	3.1	3.1	3.1	2.6	1.8	1.0	1.0	1.5	2.2	2.8	2.8
75°	3.1	3.1	3.1	2.6	1.7	1.5	1.7	2.4	3.1	2.5	1.6
72.5°	3.1	3.1	3.1	2.5	2.0	2.0	2.5	3.1	2.6	1.8	0.5
70°	3.1	3.1	3.1	2.5	2.2	2.5	3.1	2.9	2.3	1.2	1.4
67.5°	3.1	3.1	3.1	2.6	2.5	2.9	3.2	2.9	2.0	2.4	2.8
65°	3.1	3.1	3.1	2.7	2.7	3.2	3.3	2.8	3.1	3.6	3.8
62.5°	3.1	3.1	3.1	2.8	2.9	3.5	3.5	3.5	4.2	4.7	4.3
60°	3.1	3.1	3.1	2.9	3.1	3.7	3.7	4.4	5.2	5.4	4.9
57.5°	3.1	3.1	3.1	2.9	3.4	4.0	4.4	5.4	6.1	6.2	6.1
55°	3.1	3.1	3.2	3.0	3.7	4.3	5.2	6.3	7.1	7.2	7.5
52.5°	3.1	3.1	3.2	3.0	4.0	4.7	6.0	7.2	8.1	8.5	9.0
50°	3.1	3.1	3.3	3.1	4.4	5.4	6.7	8.1	9.2	9.8	10.5
47.5°	3.1	3.1	3.4	3.2	4.7	6.0	7.5	8.9	10.4	11.2	11.9
45°	3.1	3.1	3.5	3.5	5.1	6.6	8.2	9.8	11.4	12.4	13.3
42.5°	3.1	3.1	3.6	3.7	5.5	7.2	8.9	10.7	12.6	13.7	16.2
40°	3.1	3.1	3.7	4.1	5.9	7.8	9.6	11.8	13.8	15.0	19.3
37.5°	3.1	3.1	3.8	4.5	6.4	8.3	10.3	12.9	15.1	17.1	22.5
35°	3.1	3.1	3.9	4.9	6.8	8.9	10.9	14.0	16.5	21.0	28.7
32.5°	3.1	3.1	4.1	5.3	7.2	9.4	11.6	15.1	17.9	25.6	41.0
30°	3.1	3.1	4.2	5.7	7.6	9.9	12.6	16.3	19.4	30.8	52.9
27.5°	3.1	3.1	4.4	6.1	8.1	10.4	13.5	17.5	21.9	36.6	64.4
25°	3.1	3.1	4.6	6.4	8.6	10.8	14.4	18.8	26.4	45.1	75.7
22.5°	3.1	3.1	4.7	6.8	9.1	11.3	15.3	20.0	31.2	54.5	90.7
20°	3.1	3.1	4.9	7.1	9.5	11.9	16.2	21.2	36.1	63.3	105.5
17.5°	3.1	3.1	5.1	7.5	9.9	12.4	17.1	22.4	41.1	71.7	120.1
15°	3.1	3.1	5.2	7.8	10.4	12.9	17.9	24.0	46.1	79.5	134.3
12.5°	3.1	3.1	5.4	8.1	10.7	13.4	18.7	26.1	51.7	86.7	147.9
10°	3.1	3.1	5.6	8.3	11.1	13.9	19.5	28.4	57.6	95.2	161.5
7.5°	3.1	3.1	5.7	8.6	11.5	14.3	20.1	30.7	63.3	103.4	175.8
5°	3.1	3.1	5.9	8.9	11.8	14.8	20.7	33.0	68.5	111.0	188.9
2.5°	3.1	3.1	6.1	9.1	12.1	15.1	21.2	35.1	73.3	117.9	200.8
0°	3.1	3.1	6.2	9.3	12.4	15.5	21.7	37.2	77.6	124.1	211.0
-2.5°	3.1	3.1	6.2	9.3	12.4	15.5	21.7	37.2	77.6	124.1	211.0
-5°	3.1	3.1	6.2	9.3	12.9	16.1	24.0	44.5	83.1	142.5	227.8
-7.5°	3.1	3.1	6.1	9.2	13.1	16.4	25.0	47.5	85.1	149.5	233.8
-10°	3.1	3.1	6.1	9.2	13.2	16.6	25.8	50.0	86.5	154.6	238.1
-12.5°	3.1	3.1	6.1	9.1	13.3	16.8	26.4	51.9	87.5	157.3	241.5
-15°	3.1	3.1	6.0	9.0	13.4	17.0	26.8	53.0	89.3	157.0	242.7
-17.5°	3.1	3.1	5.9	8.9	13.4	17.1	26.9	54.2	92.0	155.4	241.2
-20°	3.1	3.1	5.8	8.7	13.3	17.2	27.6	55.3	93.7	152.6	236.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2D-750-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°	3.1	3.1	5.7	8.6	13.1	17.3	29.4	55.8	94.5	148.5	229.3
-25°	3.1	3.1	5.6	8.4	12.9	18.5	30.8	55.6	94.2	143.2	218.6
-27.5°	3.1	3.1	5.5	8.2	12.6	19.9	32.0	54.7	92.9	138.7	210.7
-30°	3.1	3.1	5.4	8.0	12.3	21.1	32.7	53.2	91.2	136.7	201.9
-32.5°	3.1	3.1	5.2	7.8	12.7	22.2	33.2	53.3	88.9	133.3	191.9
-35°	3.1	3.1	5.1	7.6	13.0	23.0	34.1	53.6	85.8	128.5	180.9
-37.5°	3.1	3.1	4.9	7.4	13.3	23.5	35.0	53.4	81.9	122.2	175.9
-40°	3.1	3.1	4.7	7.1	13.3	23.7	35.5	52.7	77.0	116.2	170.4
-42.5°	3.1	3.1	4.6	7.0	13.4	23.7	35.7	51.5	74.3	111.4	161.9
-45°	3.1	3.1	4.4	7.0	13.5	23.5	35.5	50.4	72.3	105.5	151.3
-47.5°	3.1	3.1	4.2	7.0	13.4	23.2	35.0	49.7	69.7	98.4	142.9
-50°	3.1	3.1	4.0	6.9	13.2	22.6	34.3	48.5	67.7	95.9	133.0
-52.5°	3.1	3.1	3.8	6.7	12.8	21.9	33.3	46.8	65.9	92.5	122.3
-55°	3.1	3.1	3.6	6.6	12.2	21.0	32.1	44.7	63.8	88.3	117.2
-57.5°	3.1	3.1	3.3	6.3	11.5	19.9	30.7	42.8	60.8	83.9	111.2
-60°	3.1	3.1	3.1	6.0	10.7	18.5	29.0	40.6	57.0	78.6	104.2
-62.5°	3.1	3.1	3.1	5.7	10.1	16.9	26.6	37.9	52.2	72.4	96.1
-65°	3.1	3.1	3.1	5.3	9.5	15.2	24.0	34.3	46.5	64.3	86.9
-67.5°	3.1	3.1	3.1	4.9	8.7	13.6	21.1	30.1	39.9	54.7	74.7
-70°	3.1	3.1	3.1	4.5	7.9	12.4	18.0	25.6	34.2	44.1	60.3
-72.5°	3.1	3.1	3.1	4.4	7.1	11.0	15.9	21.0	28.2	36.6	46.2
-75°	3.1	3.1	3.1	4.3	6.2	9.6	13.8	17.7	21.9	28.8	36.7
-77.5°	3.1	3.1	3.1	4.3	5.9	8.1	11.7	14.9	18.2	21.8	26.9
-80°	3.1	3.1	3.1	4.2	5.6	7.3	9.4	12.0	14.7	17.6	20.7
-82.5°	3.1	3.1	3.1	4.2	5.4	6.9	8.5	9.7	11.1	13.3	15.6
-85°	3.1	3.1	3.1	4.1	5.2	6.4	7.8	8.8	9.8	10.9	11.9
-87.5°	3.1	3.1	3.1	4.0	4.9	5.9	7.0	7.9	8.8	9.7	10.6
-90°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.3	1.5	0.8	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°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	10.1	10.9	11.6
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.0	1.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.9	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.8	1.9	1.3	0.5	0.0	0.2	0.5	0.3	0.0	0.2	0.4
67.5°	2.9	2.1	1.4	0.9	1.2	1.6	1.5	1.6	1.7	1.8	1.6
65°	3.0	2.3	2.3	2.7	3.0	3.3	3.6	3.8	3.2	2.8	2.9
62.5°	3.2	3.5	4.0	4.5	5.0	5.4	5.4	4.8	3.7	4.6	5.3
60°	4.6	5.1	5.7	6.3	6.9	7.3	7.0	7.0	7.8	9.1	17.4
57.5°	6.2	6.6	7.4	8.4	9.2	9.4	9.6	10.5	24.6	40.2	44.4
55°	7.8	8.2	9.5	11.0	11.9	11.8	17.0	35.9	54.2	75.0	82.7
52.5°	9.4	10.1	12.3	14.2	15.3	23.9	43.1	68.8	95.7	119.7	150.6
50°	11.0	13.3	15.6	18.3	29.2	51.6	79.6	114.6	155.2	193.5	232.7
47.5°	13.8	16.6	20.1	28.9	57.6	88.6	127.5	183.7	233.8	280.1	333.9
45°	17.1	22.9	26.8	57.2	90.5	130.6	196.3	265.0	310.5	372.5	467.7
42.5°	20.4	31.7	51.3	86.4	127.0	191.6	273.0	331.6	392.2	492.7	592.8
40°	29.4	42.6	77.4	119.1	170.6	264.7	348.3	414.7	497.4	608.8	713.3
37.5°	40.3	65.0	103.9	154.0	238.9	342.1	431.7	526.5	621.5	726.6	920.3
35°	52.4	85.8	137.7	205.2	307.3	428.0	534.8	640.7	750.2	957.1	1149.4
32.5°	68.2	104.9	172.9	264.7	381.3	513.7	637.7	760.1	935.7	1169.9	1362.8
30°	85.2	135.7	213.4	319.8	450.9	592.3	741.3	889.5	1122.0	1315.7	1525.2
27.5°	102.9	168.2	261.0	377.3	516.1	666.4	834.6	1045.9	1253.3	1444.8	1674.9
25°	121.1	202.1	304.5	432.4	580.3	746.5	940.0	1197.4	1359.6	1571.2	1811.3
22.5°	144.6	234.4	347.6	482.3	639.8	828.8	1075.5	1334.0	1524.9	1702.9	1937.4
20°	171.7	270.9	394.4	544.8	698.0	909.2	1210.3	1482.2	1706.8	1910.5	2126.0
17.5°	197.0	305.0	444.5	608.6	782.7	1012.2	1342.6	1643.5	1890.6	2117.7	2386.6
15°	220.4	336.6	493.6	669.0	866.1	1130.2	1461.2	1791.6	2073.8	2329.3	2634.9
12.5°	241.8	365.4	540.9	725.5	944.5	1231.9	1560.8	1883.3	2193.5	2526.4	2873.3
10°	261.1	391.3	585.5	777.7	1017.2	1317.9	1643.1	1959.8	2272.7	2625.0	3010.4
7.5°	281.9	415.5	626.0	825.1	1083.4	1389.0	1708.8	2021.1	2336.7	2703.9	3099.5
5°	301.0	437.8	658.2	859.1	1134.5	1444.5	1758.3	2067.7	2385.3	2762.6	3167.0
2.5°	317.8	456.5	684.5	885.7	1172.4	1485.3	1790.4	2106.5	2421.3	2810.4	3218.5
0°	332.1	471.7	704.5	906.2	1201.0	1514.5	1809.3	2132.1	2442.4	2842.8	3252.4
-2.5°	341.2	496.6	718.2	941.9	1226.0	1533.6	1826.2	2139.2	2465.1	2853.0	3290.5
-5°	347.6	516.8	726.5	969.4	1242.4	1542.1	1831.8	2133.7	2471.2	2850.4	3296.1
-7.5°	351.3	531.0	730.4	985.0	1248.2	1537.0	1822.4	2123.2	2461.3	2840.7	3271.5
-10°	353.5	535.5	735.6	980.3	1240.6	1520.4	1801.4	2098.5	2433.1	2809.0	3224.7
-12.5°	359.3	532.7	734.7	969.9	1224.3	1495.3	1770.3	2059.5	2386.2	2754.8	3159.9
-15°	360.8	526.3	725.9	954.5	1199.4	1462.4	1729.5	2006.0	2328.3	2702.0	3088.3
-17.5°	357.5	516.6	708.7	934.9	1166.0	1422.5	1681.5	1957.8	2274.1	2641.2	3013.2
-20°	349.2	504.1	682.8	911.8	1126.3	1378.2	1633.5	1907.2	2211.7	2556.8	2929.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	335.6	489.0	654.7	879.5	1092.1	1327.4	1577.1	1838.3	2133.6	2447.3	2815.9
-25°	321.6	471.9	632.6	835.1	1050.9	1268.0	1512.4	1754.1	2041.8	2349.9	2677.0
-27.5°	308.3	448.1	609.5	786.5	1002.4	1204.6	1439.2	1674.9	1938.4	2240.5	2541.6
-30°	290.9	422.3	581.4	739.7	944.4	1144.8	1357.5	1589.6	1826.5	2113.2	2409.5
-32.5°	275.5	395.5	549.5	704.1	882.1	1077.6	1269.6	1490.7	1722.0	1966.3	2259.1
-35°	265.2	379.7	515.6	663.0	818.5	1004.4	1187.0	1379.1	1603.1	1832.4	2089.5
-37.5°	256.8	361.5	479.9	620.1	768.1	927.7	1098.6	1275.4	1470.9	1702.1	1943.8
-40°	243.7	341.0	453.4	579.2	709.8	854.9	1013.6	1173.6	1343.1	1568.9	1807.4
-42.5°	226.9	321.1	428.5	534.7	654.1	786.5	927.5	1078.2	1241.1	1437.3	1656.5
-45°	214.0	295.7	400.8	495.9	594.7	715.9	848.3	984.8	1138.4	1306.8	1503.7
-47.5°	197.6	268.1	364.6	453.5	540.5	643.9	765.0	894.2	1030.3	1182.0	1343.4
-50°	180.0	245.1	320.2	406.8	489.8	575.8	679.1	798.6	922.0	1054.3	1198.3
-52.5°	166.7	218.1	286.7	358.8	437.9	516.0	603.9	706.3	816.6	927.1	1053.7
-55°	151.7	198.3	254.9	319.5	386.8	459.0	539.1	628.9	718.7	820.3	921.3
-57.5°	141.1	179.3	228.3	284.4	344.9	406.2	481.9	557.7	640.9	724.9	808.8
-60°	132.8	162.8	203.5	252.9	306.8	364.2	426.2	496.3	567.9	636.5	708.9
-62.5°	123.2	149.4	181.2	221.5	270.3	320.2	374.8	434.8	499.6	557.4	613.5
-65°	111.0	133.7	161.0	193.8	232.1	274.3	320.8	371.4	427.4	474.3	520.2
-67.5°	96.9	116.0	138.9	165.7	197.6	230.6	264.7	307.5	352.9	391.2	428.6
-70°	79.2	96.9	115.6	137.4	162.5	190.4	220.4	251.5	282.6	313.8	348.0
-72.5°	60.7	76.8	92.6	108.2	128.1	151.0	175.5	201.5	228.7	255.4	281.4
-75°	46.2	56.7	70.6	84.6	98.4	113.3	129.9	150.6	175.9	201.8	225.5
-77.5°	34.9	43.7	52.9	62.6	71.3	82.3	94.3	107.2	128.0	151.9	176.0
-80°	25.1	30.4	37.8	45.5	51.7	57.7	64.0	70.6	86.1	105.3	125.9
-82.5°	18.7	22.3	26.3	30.8	33.9	36.9	40.3	44.6	56.1	69.2	82.9
-85°	12.8	13.9	16.1	18.6	20.4	22.1	23.9	25.7	31.9	38.9	46.4
-87.5°	11.1	11.6	12.2	12.9	13.1	13.3	13.5	13.7	15.8	18.0	20.2
-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: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.4	13.2	14.0	14.7	15.5	16.3	17.1	17.8	18.6	18.6	18.6
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°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.4	1.6	1.6	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.3	3.1	2.3	1.5	0.7	1.2	1.9	2.2	2.3	2.0	1.6
62.5°	4.9	4.5	4.1	4.7	5.6	6.5	6.3	5.9	5.5	5.2	5.4
60°	18.4	12.2	14.1	17.7	16.6	11.4	18.7	21.2	18.0	12.3	11.9
57.5°	46.5	44.9	51.4	75.1	82.7	75.4	90.0	109.3	108.7	93.7	93.2
55°	99.1	132.9	173.8	180.5	208.9	266.0	310.4	290.9	290.8	305.4	352.6
52.5°	188.2	220.2	232.1	263.9	323.3	366.5	394.2	422.9	454.4	486.5	519.0
50°	276.3	307.3	342.5	375.0	457.3	501.6	494.3	553.8	629.8	677.4	701.8
47.5°	405.2	454.1	528.6	645.2	706.7	751.1	806.3	873.7	960.9	1079.1	1170.2
45°	557.1	634.0	749.2	873.1	968.4	1011.9	1075.1	1179.4	1318.4	1453.8	1552.6
42.5°	681.2	786.7	916.7	1035.1	1112.8	1184.2	1266.0	1353.9	1513.2	1657.8	1772.0
40°	843.2	925.4	1071.1	1182.8	1252.4	1323.1	1452.8	1584.4	1734.2	1868.9	1962.5
37.5°	1048.5	1141.0	1292.6	1418.9	1485.9	1510.9	1731.4	1914.7	2036.4	2208.3	2264.5
35°	1269.0	1421.2	1614.5	1778.2	1843.8	1975.0	2202.2	2457.9	2734.9	2836.8	2923.7
32.5°	1515.1	1702.9	1965.0	2140.7	2234.5	2433.5	2721.1	2994.0	3356.3	3552.9	3611.6
30°	1740.1	1955.7	2181.0	2351.8	2512.1	2751.8	3014.0	3350.5	3685.5	3936.9	4014.9
27.5°	1905.3	2143.8	2360.4	2520.4	2701.3	2959.7	3286.6	3627.4	3956.2	4212.7	4303.8
25°	2063.0	2332.5	2504.1	2690.0	2902.4	3184.1	3546.4	3925.0	4248.9	4465.7	4577.5
22.5°	2242.4	2508.1	2692.3	2849.8	3127.5	3452.1	3788.3	4216.2	4559.3	4732.3	4853.5
20°	2427.5	2728.2	3012.7	3159.1	3399.4	3810.3	4186.8	4590.8	4922.1	5102.4	5230.0
17.5°	2685.8	3069.0	3417.9	3625.3	3882.6	4374.0	4843.7	5252.4	5713.3	5876.1	6032.0
15°	2958.1	3401.7	3810.3	4138.9	4471.4	4958.2	5562.9	6056.0	6582.0	6816.8	7082.4
12.5°	3229.6	3649.3	4019.6	4443.5	4912.0	5342.6	5918.3	6532.3	7009.6	7309.2	7488.0
10°	3432.5	3822.3	4178.6	4603.6	5071.2	5558.3	6130.4	6759.8	7259.4	7515.1	7661.0
7.5°	3542.1	3915.1	4291.0	4721.6	5187.1	5706.0	6295.4	6919.8	7430.7	7678.4	7822.4
5°	3623.4	3981.7	4370.9	4824.2	5294.9	5821.0	6409.6	7026.6	7492.4	7755.6	7937.8
2.5°	3672.6	4023.9	4421.9	4890.5	5362.3	5910.3	6527.4	7166.9	7574.5	7786.2	7953.7
0°	3686.9	4040.7	4450.4	4925.2	5409.4	5961.8	6573.2	7206.3	7619.0	7823.9	7994.6
-2.5°	3703.0	4067.3	4488.2	4947.8	5427.8	5978.6	6602.7	7219.6	7590.9	7797.6	7960.0
-5°	3691.8	4069.3	4489.0	4929.1	5412.3	5958.8	6557.9	7134.7	7523.1	7746.6	7908.0
-7.5°	3658.4	4041.3	4456.6	4879.6	5353.6	5906.3	6502.9	7058.3	7451.8	7687.4	7864.1
-10°	3609.8	3981.5	4399.7	4828.1	5296.4	5822.5	6409.9	6962.0	7338.6	7588.8	7794.7
-12.5°	3555.9	3919.9	4323.0	4733.9	5197.1	5716.7	6285.8	6808.4	7182.8	7455.7	7602.9
-15°	3476.1	3839.9	4225.2	4622.7	5074.1	5578.2	6121.9	6623.3	6990.9	7213.0	7375.6
-17.5°	3374.5	3731.5	4096.8	4473.8	4899.1	5395.6	5942.5	6437.1	6736.7	6935.0	7094.9
-20°	3265.8	3595.8	3941.9	4297.7	4709.9	5201.7	5738.9	6170.2	6452.7	6643.2	6794.2



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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°	3141.5	3459.4	3776.2	4116.3	4520.5	4971.4	5445.8	5862.7	6166.4	6339.9	6479.4
-25°	2999.7	3309.0	3609.8	3938.3	4309.8	4715.0	5156.2	5565.8	5837.8	6022.2	6160.5
-27.5°	2847.0	3137.5	3431.4	3726.4	4060.4	4464.1	4872.7	5253.2	5485.4	5671.3	5810.4
-30°	2694.6	2955.9	3227.8	3507.0	3820.5	4184.5	4566.7	4886.7	5131.5	5312.1	5441.2
-32.5°	2529.3	2777.3	3018.2	3279.2	3574.3	3895.2	4230.5	4534.9	4796.6	4962.0	5070.8
-35°	2360.1	2600.2	2820.6	3057.5	3317.8	3594.7	3904.3	4204.5	4462.9	4593.8	4699.9
-37.5°	2183.9	2423.2	2632.3	2830.1	3054.4	3310.8	3612.4	3898.8	4122.0	4234.5	4330.1
-40°	2030.6	2241.4	2429.5	2618.9	2801.2	3028.9	3310.3	3587.6	3766.7	3876.3	3965.1
-42.5°	1881.9	2059.6	2213.7	2383.5	2566.0	2790.4	3017.5	3250.0	3393.9	3515.6	3609.2
-45°	1708.6	1867.5	2012.0	2153.2	2319.6	2524.5	2730.8	2917.0	3051.8	3169.4	3260.5
-47.5°	1516.9	1670.4	1810.7	1936.9	2091.6	2262.5	2436.2	2591.2	2724.3	2840.5	2921.7
-50°	1338.3	1475.4	1612.4	1740.1	1874.2	2012.4	2153.3	2289.4	2415.7	2528.6	2597.8
-52.5°	1178.3	1304.8	1424.5	1536.2	1653.5	1770.3	1887.0	2011.6	2127.9	2234.7	2290.0
-55°	1033.5	1147.6	1255.6	1349.7	1443.8	1536.5	1636.5	1751.5	1858.6	1957.6	1997.2
-57.5°	903.6	1001.2	1096.8	1176.4	1253.2	1326.9	1414.7	1511.8	1605.5	1690.3	1722.8
-60°	784.1	861.5	941.5	1012.1	1079.0	1142.2	1218.8	1297.0	1373.0	1436.9	1464.6
-62.5°	674.1	740.4	800.9	858.3	915.0	972.0	1033.7	1095.8	1157.1	1206.4	1231.3
-65°	568.1	620.8	669.5	716.7	762.5	810.3	858.7	905.8	951.3	986.5	1008.1
-67.5°	468.6	508.7	547.3	584.1	622.4	661.2	699.0	735.1	769.2	796.4	817.1
-70°	380.4	411.4	441.6	472.1	504.0	534.2	562.7	589.7	615.1	634.7	650.6
-72.5°	306.6	331.8	357.9	385.3	411.1	433.7	454.1	473.9	492.8	503.9	512.2
-75°	247.2	268.4	291.1	313.3	334.8	352.0	367.0	381.6	395.6	396.3	393.5
-77.5°	199.7	218.6	236.2	253.6	270.9	281.4	290.6	300.1	309.7	304.2	295.4
-80°	146.5	162.3	177.3	192.3	207.3	213.5	217.9	221.7	224.9	217.6	208.6
-82.5°	97.3	107.2	116.9	126.8	136.8	140.8	143.8	146.3	148.2	141.6	134.1
-85°	54.3	59.1	63.7	68.5	73.2	76.0	78.6	80.9	83.1	79.2	74.8
-87.5°	22.5	23.6	24.7	25.7	26.7	27.7	28.7	29.6	30.6	30.7	30.8
-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: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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°	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	17.8
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°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.6	2.0	2.3	2.2
62.5°	5.7	5.9	6.1	6.2	6.1	5.9	5.7	5.4	5.2	5.5	5.9
60°	11.0	9.6	9.3	9.3	9.3	9.6	11.0	11.9	12.3	18.0	21.2
57.5°	86.1	73.7	75.5	83.8	75.5	73.7	86.1	93.2	93.7	108.7	109.3
55°	402.1	448.8	465.3	456.2	465.3	448.8	402.1	352.6	305.4	290.8	290.9
52.5°	544.7	563.9	571.3	571.0	571.3	563.9	544.7	519.0	486.5	454.4	422.9
50°	709.2	702.7	692.7	682.8	692.7	702.7	709.2	701.8	677.4	629.8	553.8
47.5°	1183.5	1163.0	1154.3	1170.0	1154.3	1163.0	1183.5	1170.2	1079.1	960.9	873.7
45°	1572.8	1596.8	1614.7	1613.8	1614.7	1596.8	1572.8	1552.6	1453.8	1318.4	1179.4
42.5°	1794.4	1807.1	1810.8	1806.2	1810.8	1807.1	1794.4	1772.0	1657.8	1513.2	1353.9
40°	1991.9	2007.2	2015.8	2023.5	2015.8	2007.2	1991.9	1962.5	1868.9	1734.2	1584.4
37.5°	2283.1	2288.7	2276.5	2268.6	2276.5	2288.7	2283.1	2264.5	2208.3	2036.4	1914.7
35°	2997.0	3011.6	2977.7	3013.5	2977.7	3011.6	2997.0	2923.7	2836.8	2734.9	2457.9
32.5°	3681.6	3750.1	3805.6	3851.4	3805.6	3750.1	3681.6	3611.6	3552.9	3356.3	2994.0
30°	4069.5	4113.7	4137.4	4143.1	4137.4	4113.7	4069.5	4014.9	3936.9	3685.5	3350.5
27.5°	4354.2	4400.6	4429.4	4450.4	4429.4	4400.6	4354.2	4303.8	4212.7	3956.2	3627.4
25°	4628.7	4671.0	4699.9	4711.1	4699.9	4671.0	4628.7	4577.5	4465.7	4248.9	3925.0
22.5°	4913.4	4942.9	4970.6	4984.2	4970.6	4942.9	4913.4	4853.5	4732.3	4559.3	4216.2
20°	5321.7	5305.7	5331.0	5322.5	5331.0	5305.7	5321.7	5230.0	5102.4	4922.1	4590.8
17.5°	6153.7	6162.3	6179.2	6207.0	6179.2	6162.3	6153.7	6032.0	5876.1	5713.3	5252.4
15°	7200.0	7221.1	7328.1	7423.5	7328.1	7221.1	7200.0	7082.4	6816.8	6582.0	6056.0
12.5°	7653.8	7726.7	7738.0	7764.9	7738.0	7726.7	7653.8	7488.0	7309.2	7009.6	6532.3
10°	7805.3	7931.5	7928.8	7960.4	7928.8	7931.5	7805.3	7661.0	7515.1	7259.4	6759.8
7.5°	7920.2	8055.7	8113.0	8137.3	8113.0	8055.7	7920.2	7822.4	7678.4	7430.7	6919.8
5°	8060.5	8135.0	8233.9	8205.6	8233.9	8135.0	8060.5	7937.8	7755.6	7492.4	7026.6
2.5°	8119.3	8236.1	8209.1	8236.6	8209.1	8236.1	8119.3	7953.7	7786.2	7574.5	7166.9
0°	8159.1	8242.8	8255.3	8283.2	8255.3	8242.8	8159.1	7994.6	7823.9	7619.0	7206.3
-2.5°	8110.9	8184.7	8313.8	8273.9	8313.8	8184.7	8110.9	7960.0	7797.6	7590.9	7219.6
-5°	8068.8	8250.2	8179.7	8267.7	8179.7	8250.2	8068.8	7908.0	7746.6	7523.1	7134.7
-7.5°	8047.0	8079.4	8126.2	8193.2	8126.2	8079.4	8047.0	7864.1	7687.4	7451.8	7058.3
-10°	7878.5	7911.7	7997.7	8044.2	7997.7	7911.7	7878.5	7794.7	7588.8	7338.6	6962.0
-12.5°	7695.8	7760.1	7850.4	7879.7	7850.4	7760.1	7695.8	7602.9	7455.7	7182.8	6808.4
-15°	7485.4	7580.8	7668.8	7687.3	7668.8	7580.8	7485.4	7375.6	7213.0	6990.9	6623.3
-17.5°	7217.7	7332.2	7424.7	7445.2	7424.7	7332.2	7217.7	7094.9	6935.0	6736.7	6437.1
-20°	6922.9	7032.6	7111.2	7134.9	7111.2	7032.6	6922.9	6794.2	6643.2	6452.7	6170.2



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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°	6607.2	6705.9	6772.4	6762.5	6772.4	6705.9	6607.2	6479.4	6339.9	6166.4	5862.7
-25°	6272.0	6363.7	6427.0	6418.0	6427.0	6363.7	6272.0	6160.5	6022.2	5837.8	5565.8
-27.5°	5917.7	6004.5	6065.3	6067.3	6065.3	6004.5	5917.7	5810.4	5671.3	5485.4	5253.2
-30°	5545.4	5624.2	5673.6	5654.5	5673.6	5624.2	5545.4	5441.2	5312.1	5131.5	4886.7
-32.5°	5161.3	5232.6	5277.9	5291.4	5277.9	5232.6	5161.3	5070.8	4962.0	4796.6	4534.9
-35°	4782.6	4845.4	4884.5	4894.2	4884.5	4845.4	4782.6	4699.9	4593.8	4462.9	4204.5
-37.5°	4406.2	4460.3	4487.6	4475.2	4487.6	4460.3	4406.2	4330.1	4234.5	4122.0	3898.8
-40°	4034.2	4085.7	4117.0	4124.5	4117.0	4085.7	4034.2	3965.1	3876.3	3766.7	3587.6
-42.5°	3668.6	3711.4	3738.9	3752.1	3738.9	3711.4	3668.6	3609.2	3515.6	3393.9	3250.0
-45°	3313.7	3352.0	3377.8	3392.1	3377.8	3352.0	3313.7	3260.5	3169.4	3051.8	2917.0
-47.5°	2968.4	3002.0	3024.3	3035.2	3024.3	3002.0	2968.4	2921.7	2840.5	2724.3	2591.2
-50°	2638.3	2667.3	2688.1	2700.0	2688.1	2667.3	2638.3	2597.8	2528.6	2415.7	2289.4
-52.5°	2325.2	2350.6	2368.3	2377.3	2368.3	2350.6	2325.2	2290.0	2234.7	2127.9	2011.6
-55°	2026.1	2046.7	2063.1	2073.1	2063.1	2046.7	2026.1	1997.2	1957.6	1858.6	1751.5
-57.5°	1747.4	1764.2	1779.7	1790.7	1779.7	1764.2	1747.4	1722.8	1690.3	1605.5	1511.8
-60°	1486.4	1502.2	1515.4	1523.8	1515.4	1502.2	1486.4	1464.6	1436.9	1373.0	1297.0
-62.5°	1250.8	1264.9	1276.9	1284.8	1276.9	1264.9	1250.8	1231.3	1206.4	1157.1	1095.8
-65°	1025.1	1037.7	1046.7	1052.1	1046.7	1037.7	1025.1	1008.1	986.5	951.3	905.8
-67.5°	834.8	849.3	852.2	850.4	852.2	849.3	834.8	817.1	796.4	769.2	735.1
-70°	664.9	677.2	680.1	679.7	680.1	677.2	664.9	650.6	634.7	615.1	589.7
-72.5°	519.9	526.6	520.9	512.1	520.9	526.6	519.9	512.2	503.9	492.8	473.9
-75°	390.1	385.8	379.8	372.4	379.8	385.8	390.1	393.5	396.3	395.6	381.6
-77.5°	285.7	275.1	268.2	260.7	268.2	275.1	285.7	295.4	304.2	309.7	300.1
-80°	198.9	188.6	181.4	173.8	181.4	188.6	198.9	208.6	217.6	224.9	221.7
-82.5°	126.0	117.5	113.1	108.6	113.1	117.5	126.0	134.1	141.6	148.2	146.3
-85°	70.0	65.0	62.0	59.0	62.0	65.0	70.0	74.8	79.2	83.1	80.9
-87.5°	30.9	31.0	29.4	27.9	29.4	31.0	30.9	30.8	30.7	30.6	29.6
-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-SA2D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	17.1	16.3	15.5	14.7	14.0	13.2	12.4	11.6	10.9	10.1	9.3
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	0.1	0.1	0.0	0.0	0.3	0.4	0.2	0.0	0.3
67.5°	0.0	0.0	0.6	1.3	1.6	1.6	1.4	1.6	1.8	1.7	1.6
65°	1.9	1.2	0.7	1.5	2.3	3.1	3.3	2.9	2.8	3.2	3.8
62.5°	6.3	6.5	5.6	4.7	4.1	4.5	4.9	5.3	4.6	3.7	4.8
60°	18.7	11.4	16.6	17.7	14.1	12.2	18.4	17.4	9.1	7.8	7.0
57.5°	90.0	75.4	82.7	75.1	51.4	44.9	46.5	44.4	40.2	24.6	10.5
55°	310.4	266.0	208.9	180.5	173.8	132.9	99.1	82.7	75.0	54.2	35.9
52.5°	394.2	366.5	323.3	263.9	232.1	220.2	188.2	150.6	119.7	95.7	68.8
50°	494.3	501.6	457.3	375.0	342.5	307.3	276.3	232.7	193.5	155.2	114.6
47.5°	806.3	751.1	706.7	645.2	528.6	454.1	405.2	333.9	280.1	233.8	183.7
45°	1075.1	1011.9	968.4	873.1	749.2	634.0	557.1	467.7	372.5	310.5	265.0
42.5°	1266.0	1184.2	1112.8	1035.1	916.7	786.7	681.2	592.8	492.7	392.2	331.6
40°	1452.8	1323.1	1252.4	1182.8	1071.1	925.4	843.2	713.3	608.8	497.4	414.7
37.5°	1731.4	1510.9	1485.9	1418.9	1292.6	1141.0	1048.5	920.3	726.6	621.5	526.5
35°	2202.2	1975.0	1843.8	1778.2	1614.5	1421.2	1269.0	1149.4	957.1	750.2	640.7
32.5°	2721.1	2433.5	2234.5	2140.7	1965.0	1702.9	1515.1	1362.8	1169.9	935.7	760.1
30°	3014.0	2751.8	2512.1	2351.8	2181.0	1955.7	1740.1	1525.2	1315.7	1122.0	889.5
27.5°	3286.6	2959.7	2701.3	2520.4	2360.4	2143.8	1905.3	1674.9	1444.8	1253.3	1045.9
25°	3546.4	3184.1	2902.4	2690.0	2504.1	2332.5	2063.0	1811.3	1571.2	1359.6	1197.4
22.5°	3788.3	3452.1	3127.5	2849.8	2692.3	2508.1	2242.4	1937.4	1702.9	1524.9	1334.0
20°	4186.8	3810.3	3399.4	3159.1	3012.7	2728.2	2427.5	2126.0	1910.5	1706.8	1482.2
17.5°	4843.7	4374.0	3882.6	3625.3	3417.9	3069.0	2685.8	2386.6	2117.7	1890.6	1643.5
15°	5562.9	4958.2	4471.4	4138.9	3810.3	3401.7	2958.1	2634.9	2329.3	2073.8	1791.6
12.5°	5918.3	5342.6	4912.0	4443.5	4019.6	3649.3	3229.6	2873.3	2526.4	2193.5	1883.3
10°	6130.4	5558.3	5071.2	4603.6	4178.6	3822.3	3432.5	3010.4	2625.0	2272.7	1959.8
7.5°	6295.4	5706.0	5187.1	4721.6	4291.0	3915.1	3542.1	3099.5	2703.9	2336.7	2021.1
5°	6409.6	5821.0	5294.9	4824.2	4370.9	3981.7	3623.4	3167.0	2762.6	2385.3	2067.7
2.5°	6527.4	5910.3	5362.3	4890.5	4421.9	4023.9	3672.6	3218.5	2810.4	2421.3	2106.5
0°	6573.2	5961.8	5409.4	4925.2	4450.4	4040.7	3686.9	3252.4	2842.8	2442.4	2132.1
-2.5°	6602.7	5978.6	5427.8	4947.8	4488.2	4067.3	3703.0	3290.5	2853.0	2465.1	2139.2
-5°	6557.9	5958.8	5412.3	4929.1	4489.0	4069.3	3691.8	3296.1	2850.4	2471.2	2133.7
-7.5°	6502.9	5906.3	5353.6	4879.6	4456.6	4041.3	3658.4	3271.5	2840.7	2461.3	2123.2
-10°	6409.9	5822.5	5296.4	4828.1	4399.7	3981.5	3609.8	3224.7	2809.0	2433.1	2098.5
-12.5°	6285.8	5716.7	5197.1	4733.9	4323.0	3919.9	3555.9	3159.9	2754.8	2386.2	2059.5
-15°	6121.9	5578.2	5074.1	4622.7	4225.2	3839.9	3476.1	3088.3	2702.0	2328.3	2006.0
-17.5°	5942.5	5395.6	4899.1	4473.8	4096.8	3731.5	3374.5	3013.2	2641.2	2274.1	1957.8
-20°	5738.9	5201.7	4709.9	4297.7	3941.9	3595.8	3265.8	2929.0	2556.8	2211.7	1907.2



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5445.8	4971.4	4520.5	4116.3	3776.2	3459.4	3141.5	2815.9	2447.3	2133.6	1838.3
-25°	5156.2	4715.0	4309.8	3938.3	3609.8	3309.0	2999.7	2677.0	2349.9	2041.8	1754.1
-27.5°	4872.7	4464.1	4060.4	3726.4	3431.4	3137.5	2847.0	2541.6	2240.5	1938.4	1674.9
-30°	4566.7	4184.5	3820.5	3507.0	3227.8	2955.9	2694.6	2409.5	2113.2	1826.5	1589.6
-32.5°	4230.5	3895.2	3574.3	3279.2	3018.2	2777.3	2529.3	2259.1	1966.3	1722.0	1490.7
-35°	3904.3	3594.7	3317.8	3057.5	2820.6	2600.2	2360.1	2089.5	1832.4	1603.1	1379.1
-37.5°	3612.4	3310.8	3054.4	2830.1	2632.3	2423.2	2183.9	1943.8	1702.1	1470.9	1275.4
-40°	3310.3	3028.9	2801.2	2618.9	2429.5	2241.4	2030.6	1807.4	1568.9	1343.1	1173.6
-42.5°	3017.5	2790.4	2566.0	2383.5	2213.7	2059.6	1881.9	1656.5	1437.3	1241.1	1078.2
-45°	2730.8	2524.5	2319.6	2153.2	2012.0	1867.5	1708.6	1503.7	1306.8	1138.4	984.8
-47.5°	2436.2	2262.5	2091.6	1936.9	1810.7	1670.4	1516.9	1343.4	1182.0	1030.3	894.2
-50°	2153.3	2012.4	1874.2	1740.1	1612.4	1475.4	1338.3	1198.3	1054.3	922.0	798.6
-52.5°	1887.0	1770.3	1653.5	1536.2	1424.5	1304.8	1178.3	1053.7	927.1	816.6	706.3
-55°	1636.5	1536.5	1443.8	1349.7	1255.6	1147.6	1033.5	921.3	820.3	718.7	628.9
-57.5°	1414.7	1326.9	1253.2	1176.4	1096.8	1001.2	903.6	808.8	724.9	640.9	557.7
-60°	1218.8	1142.2	1079.0	1012.1	941.5	861.5	784.1	708.9	636.5	567.9	496.3
-62.5°	1033.7	972.0	915.0	858.3	800.9	740.4	674.1	613.5	557.4	499.6	434.8
-65°	858.7	810.3	762.5	716.7	669.5	620.8	568.1	520.2	474.3	427.4	371.4
-67.5°	699.0	661.2	622.4	584.1	547.3	508.7	468.6	428.6	391.2	352.9	307.5
-70°	562.7	534.2	504.0	472.1	441.6	411.4	380.4	348.0	313.8	282.6	251.5
-72.5°	454.1	433.7	411.1	385.3	357.9	331.8	306.6	281.4	255.4	228.7	201.5
-75°	367.0	352.0	334.8	313.3	291.1	268.4	247.2	225.5	201.8	175.9	150.6
-77.5°	290.6	281.4	270.9	253.6	236.2	218.6	199.7	176.0	151.9	128.0	107.2
-80°	217.9	213.5	207.3	192.3	177.3	162.3	146.5	125.9	105.3	86.1	70.6
-82.5°	143.8	140.8	136.8	126.8	116.9	107.2	97.3	82.9	69.2	56.1	44.6
-85°	78.6	76.0	73.2	68.5	63.7	59.1	54.3	46.4	38.9	31.9	25.7
-87.5°	28.7	27.7	26.7	25.7	24.7	23.6	22.5	20.2	18.0	15.8	13.7
-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: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	8.5	7.8	7.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	0.9
82.5°	0.0	0.0	0.0	0.1	0.5	0.8	0.9	0.8	0.5	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.8	1.7	2.0	2.1	1.6	1.1	0.6
77.5°	0.0	0.0	0.0	0.0	0.3	0.9	1.8	2.8	2.8	2.2	1.5
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.7	1.6	2.5	3.1	2.4
72.5°	0.0	0.0	0.0	0.4	0.8	0.9	0.5	0.5	1.8	2.6	3.1
70°	0.5	0.2	0.0	0.5	1.3	1.9	1.8	1.4	1.2	2.3	2.9
67.5°	1.5	1.6	1.2	0.9	1.4	2.1	2.9	2.8	2.4	2.0	2.9
65°	3.6	3.3	3.0	2.7	2.3	2.3	3.0	3.8	3.6	3.1	2.8
62.5°	5.4	5.4	5.0	4.5	4.0	3.5	3.2	4.3	4.7	4.2	3.5
60°	7.0	7.3	6.9	6.3	5.7	5.1	4.6	4.9	5.4	5.2	4.4
57.5°	9.6	9.4	9.2	8.4	7.4	6.6	6.2	6.1	6.2	6.1	5.4
55°	17.0	11.8	11.9	11.0	9.5	8.2	7.8	7.5	7.2	7.1	6.3
52.5°	43.1	23.9	15.3	14.2	12.3	10.1	9.4	9.0	8.5	8.1	7.2
50°	79.6	51.6	29.2	18.3	15.6	13.3	11.0	10.5	9.8	9.2	8.1
47.5°	127.5	88.6	57.6	28.9	20.1	16.6	13.8	11.9	11.2	10.4	8.9
45°	196.3	130.6	90.5	57.2	26.8	22.9	17.1	13.3	12.4	11.4	9.8
42.5°	273.0	191.6	127.0	86.4	51.3	31.7	20.4	16.2	13.7	12.6	10.7
40°	348.3	264.7	170.6	119.1	77.4	42.6	29.4	19.3	15.0	13.8	11.8
37.5°	431.7	342.1	238.9	154.0	103.9	65.0	40.3	22.5	17.1	15.1	12.9
35°	534.8	428.0	307.3	205.2	137.7	85.8	52.4	28.7	21.0	16.5	14.0
32.5°	637.7	513.7	381.3	264.7	172.9	104.9	68.2	41.0	25.6	17.9	15.1
30°	741.3	592.3	450.9	319.8	213.4	135.7	85.2	52.9	30.8	19.4	16.3
27.5°	834.6	666.4	516.1	377.3	261.0	168.2	102.9	64.4	36.6	21.9	17.5
25°	940.0	746.5	580.3	432.4	304.5	202.1	121.1	75.7	45.1	26.4	18.8
22.5°	1075.5	828.8	639.8	482.3	347.6	234.4	144.6	90.7	54.5	31.2	20.0
20°	1210.3	909.2	698.0	544.8	394.4	270.9	171.7	105.5	63.3	36.1	21.2
17.5°	1342.6	1012.2	782.7	608.6	444.5	305.0	197.0	120.1	71.7	41.1	22.4
15°	1461.2	1130.2	866.1	669.0	493.6	336.6	220.4	134.3	79.5	46.1	24.0
12.5°	1560.8	1231.9	944.5	725.5	540.9	365.4	241.8	147.9	86.7	51.7	26.1
10°	1643.1	1317.9	1017.2	777.7	585.5	391.3	261.1	161.5	95.2	57.6	28.4
7.5°	1708.8	1389.0	1083.4	825.1	626.0	415.5	281.9	175.8	103.4	63.3	30.7
5°	1758.3	1444.5	1134.5	859.1	658.2	437.8	301.0	188.9	111.0	68.5	33.0
2.5°	1790.4	1485.3	1172.4	885.7	684.5	456.5	317.8	200.8	117.9	73.3	35.1
0°	1809.3	1514.5	1201.0	906.2	704.5	471.7	332.1	211.0	124.1	77.6	37.2
-2.5°	1826.2	1533.6	1226.0	941.9	718.2	496.6	341.2	220.3	133.9	80.7	41.0
-5°	1831.8	1542.1	1242.4	969.4	726.5	516.8	347.6	227.8	142.5	83.1	44.5
-7.5°	1822.4	1537.0	1248.2	985.0	730.4	531.0	351.3	233.8	149.5	85.1	47.5
-10°	1801.4	1520.4	1240.6	980.3	735.6	535.5	353.5	238.1	154.6	86.5	50.0
-12.5°	1770.3	1495.3	1224.3	969.9	734.7	532.7	359.3	241.5	157.3	87.5	51.9
-15°	1729.5	1462.4	1199.4	954.5	725.9	526.3	360.8	242.7	157.0	89.3	53.0
-17.5°	1681.5	1422.5	1166.0	934.9	708.7	516.6	357.5	241.2	155.4	92.0	54.2
-20°	1633.5	1378.2	1126.3	911.8	682.8	504.1	349.2	236.8	152.6	93.7	55.3

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	1577.1	1327.4	1092.1	879.5	654.7	489.0	335.6	229.3	148.5	94.5	55.8
-25°	1512.4	1268.0	1050.9	835.1	632.6	471.9	321.6	218.6	143.2	94.2	55.6
-27.5°	1439.2	1204.6	1002.4	786.5	609.5	448.1	308.3	210.7	138.7	92.9	54.7
-30°	1357.5	1144.8	944.4	739.7	581.4	422.3	290.9	201.9	136.7	91.2	53.2
-32.5°	1269.6	1077.6	882.1	704.1	549.5	395.5	275.5	191.9	133.3	88.9	53.3
-35°	1187.0	1004.4	818.5	663.0	515.6	379.7	265.2	180.9	128.5	85.8	53.6
-37.5°	1098.6	927.7	768.1	620.1	479.9	361.5	256.8	175.9	122.2	81.9	53.4
-40°	1013.6	854.9	709.8	579.2	453.4	341.0	243.7	170.4	116.2	77.0	52.7
-42.5°	927.5	786.5	654.1	534.7	428.5	321.1	226.9	161.9	111.4	74.3	51.5
-45°	848.3	715.9	594.7	495.9	400.8	295.7	214.0	151.3	105.5	72.3	50.4
-47.5°	765.0	643.9	540.5	453.5	364.6	268.1	197.6	142.9	98.4	69.7	49.7
-50°	679.1	575.8	489.8	406.8	320.2	245.1	180.0	133.0	95.9	67.7	48.5
-52.5°	603.9	516.0	437.9	358.8	286.7	218.1	166.7	122.3	92.5	65.9	46.8
-55°	539.1	459.0	386.8	319.5	254.9	198.3	151.7	117.2	88.3	63.8	44.7
-57.5°	481.9	406.2	344.9	284.4	228.3	179.3	141.1	111.2	83.9	60.8	42.8
-60°	426.2	364.2	306.8	252.9	203.5	162.8	132.8	104.2	78.6	57.0	40.6
-62.5°	374.8	320.2	270.3	221.5	181.2	149.4	123.2	96.1	72.4	52.2	37.9
-65°	320.8	274.3	232.1	193.8	161.0	133.7	111.0	86.9	64.3	46.5	34.3
-67.5°	264.7	230.6	197.6	165.7	138.9	116.0	96.9	74.7	54.7	39.9	30.1
-70°	220.4	190.4	162.5	137.4	115.6	96.9	79.2	60.3	44.1	34.2	25.6
-72.5°	175.5	151.0	128.1	108.2	92.6	76.8	60.7	46.2	36.6	28.2	21.0
-75°	129.9	113.3	98.4	84.6	70.6	56.7	46.2	36.7	28.8	21.9	17.7
-77.5°	94.3	82.3	71.3	62.6	52.9	43.7	34.9	26.9	21.8	18.2	14.9
-80°	64.0	57.7	51.7	45.5	37.8	30.4	25.1	20.7	17.6	14.7	12.0
-82.5°	40.3	36.9	33.9	30.8	26.3	22.3	18.7	15.6	13.3	11.1	9.7
-85°	23.9	22.1	20.4	18.6	16.1	13.9	12.8	11.9	10.9	9.8	8.8
-87.5°	13.5	13.3	13.1	12.9	12.2	11.6	11.1	10.6	9.7	8.8	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.3



REPORT NUMBER: P627000 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.2	5.4	4.7	3.9	3.1	3.1	3.1
87.5°	2.3	2.6	2.8	3.0	3.1	3.1	3.1
85°	1.5	2.1	2.6	2.9	3.1	3.1	3.1
82.5°	0.7	1.6	2.3	2.8	3.1	3.1	3.1
80°	0.2	1.1	2.1	2.7	3.1	3.1	3.1
77.5°	1.0	1.0	1.8	2.6	3.1	3.1	3.1
75°	1.7	1.5	1.7	2.6	3.1	3.1	3.1
72.5°	2.5	2.0	2.0	2.5	3.1	3.1	3.1
70°	3.1	2.5	2.2	2.5	3.1	3.1	3.1
67.5°	3.2	2.9	2.5	2.6	3.1	3.1	3.1
65°	3.3	3.2	2.7	2.7	3.1	3.1	3.1
62.5°	3.5	3.5	2.9	2.8	3.1	3.1	3.1
60°	3.7	3.7	3.1	2.9	3.1	3.1	3.1
57.5°	4.4	4.0	3.4	2.9	3.1	3.1	3.1
55°	5.2	4.3	3.7	3.0	3.2	3.1	3.1
52.5°	6.0	4.7	4.0	3.0	3.2	3.1	3.1
50°	6.7	5.4	4.4	3.1	3.3	3.1	3.1
47.5°	7.5	6.0	4.7	3.2	3.4	3.1	3.1
45°	8.2	6.6	5.1	3.5	3.5	3.1	3.1
42.5°	8.9	7.2	5.5	3.7	3.6	3.1	3.1
40°	9.6	7.8	5.9	4.1	3.7	3.1	3.1
37.5°	10.3	8.3	6.4	4.5	3.8	3.1	3.1
35°	10.9	8.9	6.8	4.9	3.9	3.1	3.1
32.5°	11.6	9.4	7.2	5.3	4.1	3.1	3.1
30°	12.6	9.9	7.6	5.7	4.2	3.1	3.1
27.5°	13.5	10.4	8.1	6.1	4.4	3.1	3.1
25°	14.4	10.8	8.6	6.4	4.6	3.1	3.1
22.5°	15.3	11.3	9.1	6.8	4.7	3.1	3.1
20°	16.2	11.9	9.5	7.1	4.9	3.1	3.1
17.5°	17.1	12.4	9.9	7.5	5.1	3.1	3.1
15°	17.9	12.9	10.4	7.8	5.2	3.1	3.1
12.5°	18.7	13.4	10.7	8.1	5.4	3.1	3.1
10°	19.5	13.9	11.1	8.3	5.6	3.1	3.1
7.5°	20.1	14.3	11.5	8.6	5.7	3.1	3.1
5°	20.7	14.8	11.8	8.9	5.9	3.1	3.1
2.5°	21.2	15.1	12.1	9.1	6.1	3.1	3.1
0°	21.7	15.5	12.4	9.3	6.2	3.1	3.1
-2.5°	22.9	15.8	12.7	9.3	6.2	3.1	3.1
-5°	24.0	16.1	12.9	9.3	6.2	3.1	3.1
-7.5°	25.0	16.4	13.1	9.2	6.1	3.1	3.1
-10°	25.8	16.6	13.2	9.2	6.1	3.1	3.1
-12.5°	26.4	16.8	13.3	9.1	6.1	3.1	3.1
-15°	26.8	17.0	13.4	9.0	6.0	3.1	3.1
-17.5°	26.9	17.1	13.4	8.9	5.9	3.1	3.1
-20°	27.6	17.2	13.3	8.7	5.8	3.1	3.1

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CATALOG NUMBER: GFLD-SA2D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.4	17.3	13.1	8.6	5.7	3.1	3.1
-25°	30.8	18.5	12.9	8.4	5.6	3.1	3.1
-27.5°	32.0	19.9	12.6	8.2	5.5	3.1	3.1
-30°	32.7	21.1	12.3	8.0	5.4	3.1	3.1
-32.5°	33.2	22.2	12.7	7.8	5.2	3.1	3.1
-35°	34.1	23.0	13.0	7.6	5.1	3.1	3.1
-37.5°	35.0	23.5	13.3	7.4	4.9	3.1	3.1
-40°	35.5	23.7	13.3	7.1	4.7	3.1	3.1
-42.5°	35.7	23.7	13.4	7.0	4.6	3.1	3.1
-45°	35.5	23.5	13.5	7.0	4.4	3.1	3.1
-47.5°	35.0	23.2	13.4	7.0	4.2	3.1	3.1
-50°	34.3	22.6	13.2	6.9	4.0	3.1	3.1
-52.5°	33.3	21.9	12.8	6.7	3.8	3.1	3.1
-55°	32.1	21.0	12.2	6.6	3.6	3.1	3.1
-57.5°	30.7	19.9	11.5	6.3	3.3	3.1	3.1
-60°	29.0	18.5	10.7	6.0	3.1	3.1	3.1
-62.5°	26.6	16.9	10.1	5.7	3.1	3.1	3.1
-65°	24.0	15.2	9.5	5.3	3.1	3.1	3.1
-67.5°	21.1	13.6	8.7	4.9	3.1	3.1	3.1
-70°	18.0	12.4	7.9	4.5	3.1	3.1	3.1
-72.5°	15.9	11.0	7.1	4.4	3.1	3.1	3.1
-75°	13.8	9.6	6.2	4.3	3.1	3.1	3.1
-77.5°	11.7	8.1	5.9	4.3	3.1	3.1	3.1
-80°	9.4	7.3	5.6	4.2	3.1	3.1	3.1
-82.5°	8.5	6.9	5.4	4.2	3.1	3.1	3.1
-85°	7.8	6.4	5.2	4.1	3.1	3.1	3.1
-87.5°	7.0	5.9	4.9	4.0	3.1	3.1	3.1
-90°	3.1	3.1	3.1	3.1	3.1	3.1	3.1

(END OF REPORT)