

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: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627830 (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-SA6B-740-U-VWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

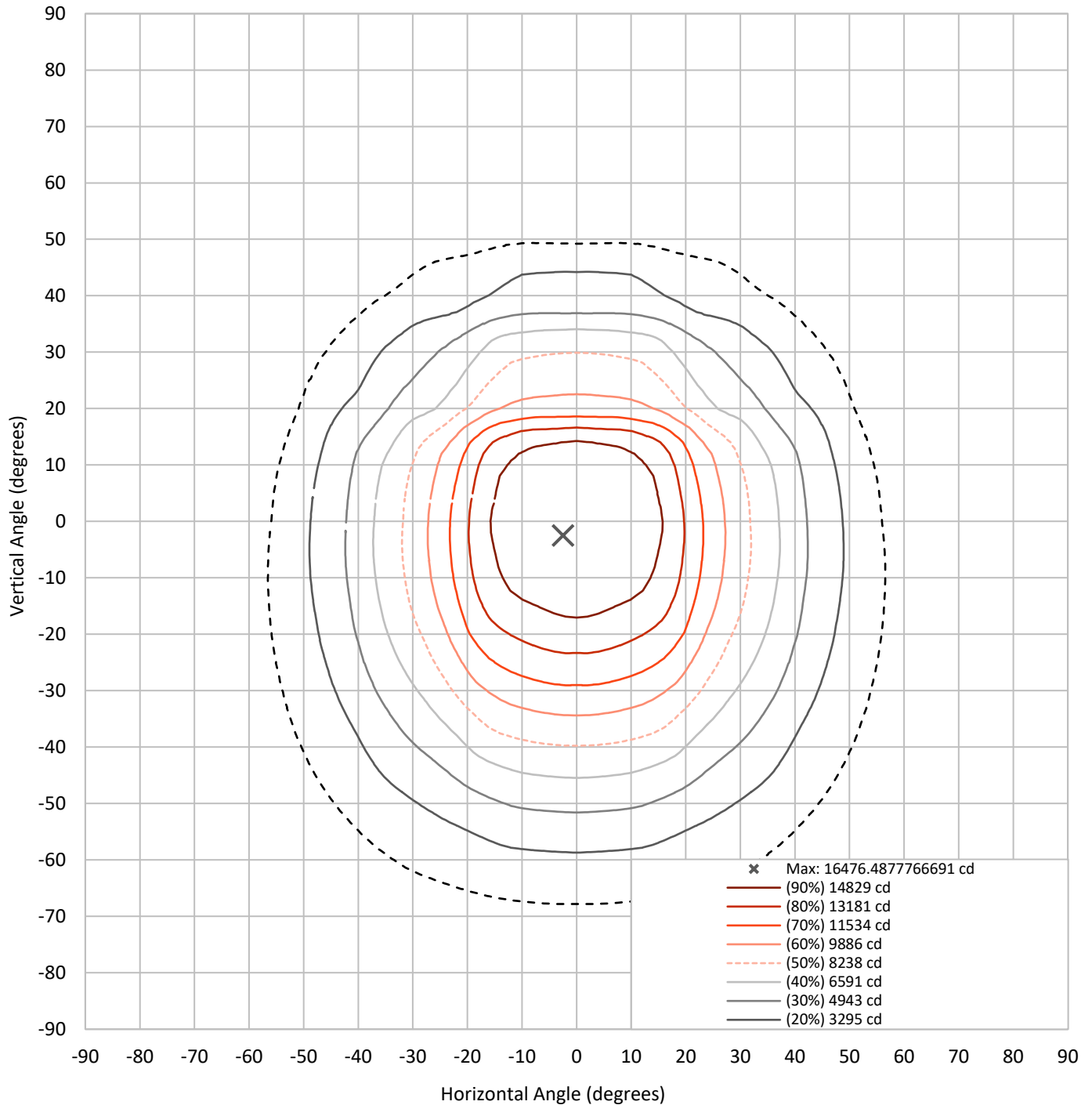
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21988.4 lumens	Max Intensity:	16476.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	115.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	12721.8 lumens	Field Lumens:	20865.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot



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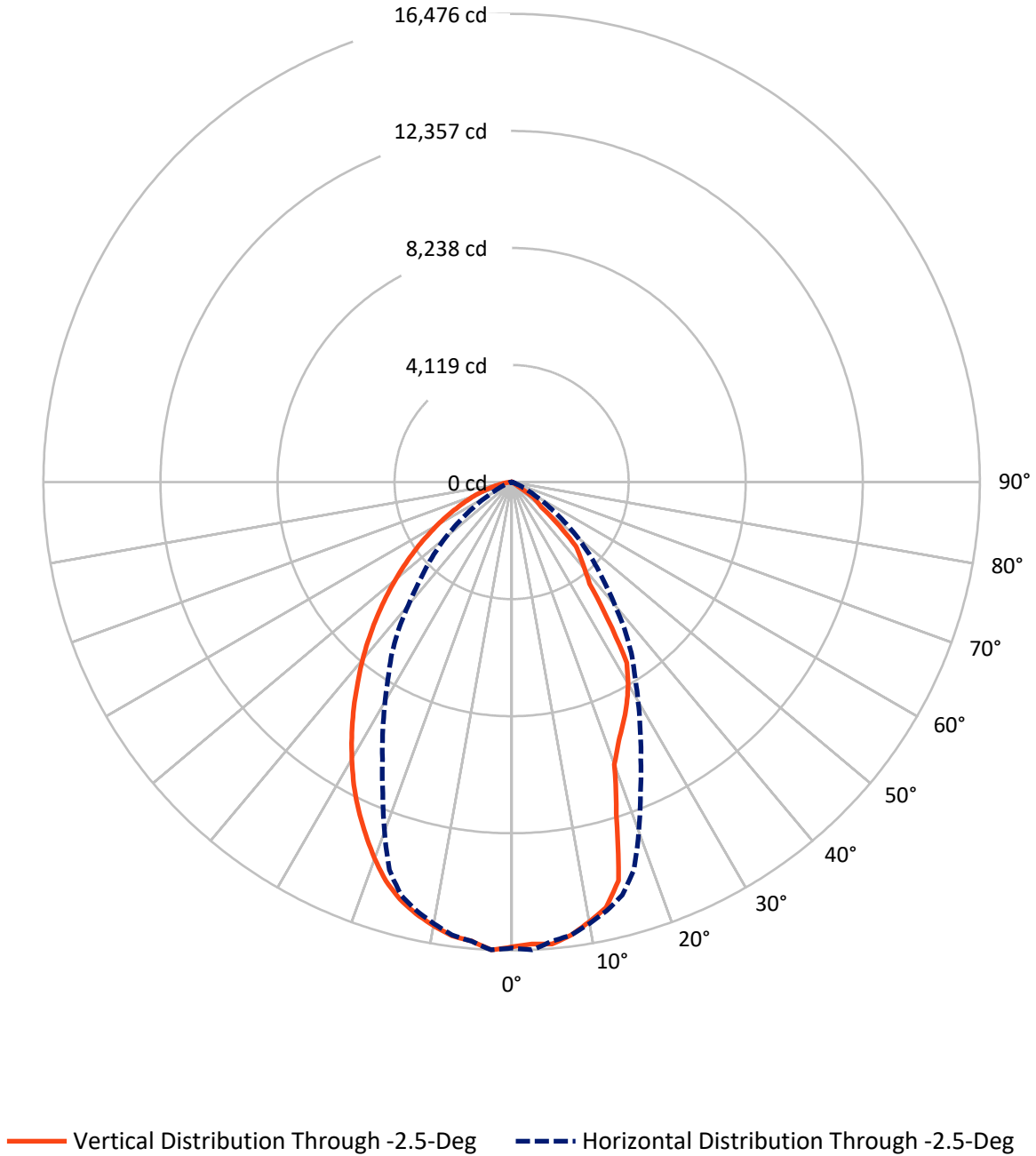
CATALOG NUMBER: GFLD-SA6B-740-U-VWR-VSR-XX

### Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1										
70																			
60	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2				
50		0.2	0.4	2.0	6.0	11.6	17.1	21.4	21.4	17.1	11.6	6.0	2.0	0.4		0.2			
40	0.4	0.4	2.4	11.3	27.3	49.1	72.5	88.8	88.8	72.5	49.1	27.3	11.3	2.4	0.4	0.4			
30		1.1	8.2	28.6	63.7	103.3	154.9	181.1	181.1	154.9	103.3	63.7	28.6	8.2	1.1				
20	0.7	2.4	15.8	50.6	102.7	162.8	244.2	280.7	280.7	244.2	162.8	102.7	50.6	15.8	2.4	0.7			
10		4.2	24.3	74.9	147.9	243.4	362.4	415.6	415.6	362.4	243.4	147.9	74.9	24.3	4.2				
0	1.1	5.7	31.5	88.9	176.9	290.9	428.0	485.7	485.7	428.0	290.9	176.9	88.9	31.5	5.7	1.1			
-10		6.8	34.8	92.4	181.6	297.6	431.1	487.5	487.5	431.1	297.6	181.6	92.4	34.8	6.8				
-20	1.4	7.1	34.0	87.4	171.3	278.6	400.1	452.1	452.1	400.1	278.6	171.3	87.4	34.0	7.1	1.4			
-30		6.4	29.7	76.3	148.0	236.9	335.4	379.9	379.9	335.4	236.9	148.0	76.3	29.7	6.4				
-40	1.4	5.4	23.7	60.0	116.4	182.7	256.2	290.0	290.0	256.2	182.7	116.4	60.0	23.7	5.4	1.4			
-50		4.3	17.5	42.8	83.4	128.5	177.3	201.2	201.2	177.3	128.5	83.4	42.8	17.5	4.3				
-60	1.1	3.2	11.5	27.5	51.8	79.8	108.4	123.6	123.6	108.4	79.8	51.8	27.5	11.5	3.2	1.1			
-70		2.3	6.9	16.0	28.5	42.3	56.0	63.5	63.5	56.0	42.3	28.5	16.0	6.9	2.3				
-80	0.4	5.1	23.7	51.7	57.7	51.7	23.7	5.1	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

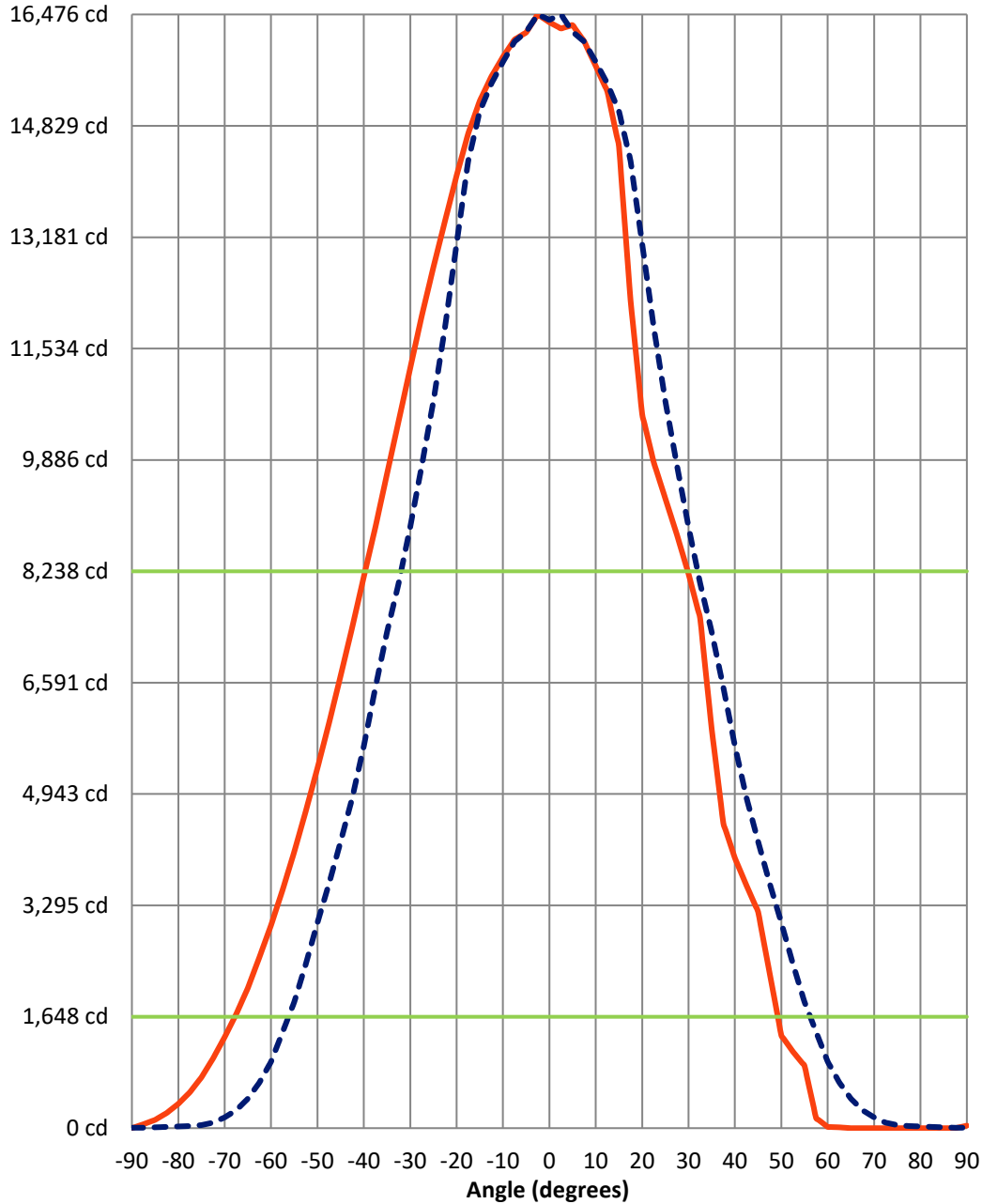
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 12721.8  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 20865.6  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 1122.8  
 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°	6.2	6.2	6.2	7.7	9.3	10.8	12.3	13.9	15.4	17.0	18.5
87.5°	6.2	6.2	6.2	6.0	5.7	5.2	4.6	3.3	2.0	1.0	0.0
85°	6.2	6.2	6.2	5.8	5.1	4.2	3.0	1.9	1.0	0.4	0.0
82.5°	6.2	6.2	6.2	5.6	4.6	3.2	1.5	0.5	0.1	0.9	1.6
80°	6.2	6.2	6.2	5.4	4.1	2.3	0.3	1.2	2.2	3.2	4.2
77.5°	6.2	6.2	6.2	5.3	3.7	2.1	1.9	3.1	4.3	5.6	5.6
75°	6.2	6.2	6.2	5.1	3.4	3.1	3.5	4.9	6.1	5.0	3.3
72.5°	6.2	6.2	6.2	5.0	3.9	4.0	5.0	6.1	5.3	3.6	1.1
70°	6.2	6.2	6.2	5.0	4.5	4.9	6.2	5.9	4.5	2.4	2.8
67.5°	6.2	6.2	6.2	5.2	4.9	5.8	6.4	5.7	4.0	4.8	5.5
65°	6.2	6.2	6.2	5.4	5.4	6.4	6.6	5.7	6.2	7.2	7.6
62.5°	6.2	6.2	6.2	5.6	5.8	6.9	6.9	7.0	8.3	9.4	8.5
60°	6.2	6.2	6.2	5.7	6.2	7.4	7.4	8.8	10.4	10.8	9.7
57.5°	6.2	6.2	6.3	5.9	6.8	8.0	8.8	10.7	12.2	12.4	12.1
55°	6.2	6.2	6.4	6.0	7.4	8.6	10.3	12.5	14.1	14.3	15.0
52.5°	6.2	6.2	6.5	6.1	8.0	9.4	11.9	14.2	16.1	16.9	17.9
50°	6.2	6.2	6.6	6.2	8.7	10.7	13.4	16.0	18.3	19.5	20.8
47.5°	6.2	6.2	6.8	6.3	9.4	11.9	14.8	17.7	20.6	22.1	23.7
45°	6.2	6.2	6.9	6.9	10.2	13.1	16.3	19.4	22.7	24.7	26.5
42.5°	6.2	6.2	7.1	7.5	10.9	14.3	17.7	21.3	25.0	27.3	32.2
40°	6.2	6.2	7.4	8.2	11.8	15.4	19.1	23.4	27.4	29.8	38.4
37.5°	6.2	6.2	7.6	9.0	12.6	16.6	20.4	25.5	30.0	33.9	44.7
35°	6.2	6.2	7.9	9.8	13.5	17.6	21.7	27.8	32.7	41.6	56.9
32.5°	6.2	6.2	8.1	10.6	14.3	18.7	23.1	30.1	35.5	50.7	81.2
30°	6.2	6.2	8.4	11.4	15.1	19.6	24.9	32.4	38.4	61.1	104.8
27.5°	6.2	6.2	8.7	12.1	16.1	20.6	26.8	34.8	43.5	72.6	127.7
25°	6.2	6.2	9.1	12.8	17.1	21.5	28.6	37.2	52.4	89.4	150.1
22.5°	6.2	6.2	9.4	13.5	18.0	22.4	30.4	39.6	61.8	107.9	179.7
20°	6.2	6.2	9.7	14.2	18.9	23.6	32.1	42.0	71.5	125.5	209.1
17.5°	6.2	6.2	10.1	14.8	19.7	24.6	33.9	44.4	81.4	142.0	238.0
15°	6.2	6.2	10.4	15.4	20.6	25.7	35.6	47.5	91.4	157.5	266.1
12.5°	6.2	6.2	10.7	16.0	21.3	26.7	37.2	51.8	102.5	171.9	293.0
10°	6.2	6.2	11.1	16.6	22.1	27.6	38.6	56.3	114.2	188.7	320.0
7.5°	6.2	6.2	11.4	17.1	22.8	28.5	40.0	60.8	125.4	204.9	348.4
5°	6.2	6.2	11.7	17.6	23.4	29.3	41.2	65.4	135.8	220.0	374.5
2.5°	6.2	6.2	12.0	18.1	24.0	30.1	42.2	69.7	145.4	233.7	397.9
0°	6.2	6.2	12.3	18.5	24.6	30.8	43.1	73.8	153.8	246.0	418.2
-2.5°	6.2	6.2	12.3	18.5	25.1	31.4	45.5	81.3	159.9	265.4	436.5
-5°	6.2	6.2	12.3	18.4	25.6	32.0	47.7	88.2	164.8	282.4	451.5
-7.5°	6.2	6.2	12.2	18.3	26.0	32.6	49.6	94.2	168.6	296.3	463.2
-10°	6.2	6.2	12.1	18.2	26.3	33.0	51.1	99.2	171.5	306.4	471.9
-12.5°	6.2	6.2	12.0	18.1	26.5	33.4	52.3	102.8	173.4	311.7	478.6
-15°	6.2	6.2	11.9	17.9	26.6	33.7	53.1	105.1	177.0	311.1	481.0
-17.5°	6.2	6.2	11.7	17.6	26.5	34.0	53.3	107.3	182.3	308.0	478.0
-20°	6.2	6.2	11.6	17.4	26.4	34.2	54.7	109.6	185.8	302.3	469.3

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Scaled Data Report



REPORT NUMBER: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-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°	6.2	6.2	11.4	17.1	26.0	34.4	58.2	110.5	187.3	294.2	454.4
-25°	6.2	6.2	11.2	16.7	25.6	36.6	61.1	110.2	186.7	283.8	433.1
-27.5°	6.2	6.2	10.9	16.4	25.0	39.5	63.3	108.5	184.1	274.9	417.5
-30°	6.2	6.2	10.7	16.0	24.4	42.0	64.9	105.5	180.6	270.9	400.1
-32.5°	6.2	6.2	10.4	15.6	25.2	44.0	65.7	105.7	176.3	264.2	380.3
-35°	6.2	6.2	10.1	15.1	25.9	45.6	67.5	106.3	170.1	254.6	358.4
-37.5°	6.2	6.2	9.8	14.6	26.3	46.6	69.3	105.9	162.3	242.2	348.6
-40°	6.2	6.2	9.4	14.1	26.5	47.0	70.4	104.5	152.7	230.4	337.7
-42.5°	6.2	6.2	9.1	13.8	26.7	47.0	70.8	102.0	147.2	220.9	320.9
-45°	6.2	6.2	8.7	13.9	26.8	46.7	70.4	99.9	143.3	209.2	299.9
-47.5°	6.2	6.2	8.3	13.8	26.6	46.0	69.4	98.4	138.1	195.0	283.3
-50°	6.2	6.2	7.9	13.6	26.1	44.9	67.9	96.0	134.0	190.0	263.6
-52.5°	6.2	6.2	7.5	13.4	25.4	43.5	66.0	92.6	130.6	183.3	242.4
-55°	6.2	6.2	7.1	13.0	24.3	41.7	63.7	88.5	126.3	174.9	232.3
-57.5°	6.2	6.2	6.6	12.6	22.9	39.4	60.9	84.8	120.4	166.2	220.3
-60°	6.2	6.2	6.2	12.0	21.3	36.7	57.5	80.6	112.9	155.8	206.5
-62.5°	6.2	6.2	6.2	11.4	20.1	33.6	52.9	75.1	103.5	143.5	190.4
-65°	6.2	6.2	6.2	10.6	18.8	30.1	47.6	68.0	92.2	127.4	172.2
-67.5°	6.2	6.2	6.2	9.8	17.4	27.1	41.9	59.7	79.1	108.5	147.9
-70°	6.2	6.2	6.2	8.9	15.8	24.6	35.7	50.9	67.7	87.5	119.6
-72.5°	6.2	6.2	6.2	8.7	14.1	21.9	31.5	41.6	55.9	72.5	91.5
-75°	6.2	6.2	6.2	8.6	12.3	19.1	27.4	35.1	43.5	57.1	72.8
-77.5°	6.2	6.2	6.2	8.6	11.7	16.2	23.2	29.5	36.1	43.3	53.3
-80°	6.2	6.2	6.2	8.4	11.2	14.6	18.8	23.8	29.1	34.9	41.1
-82.5°	6.2	6.2	6.2	8.3	10.8	13.7	17.0	19.3	22.0	26.3	31.0
-85°	6.2	6.2	6.2	8.1	10.3	12.7	15.5	17.5	19.6	21.6	23.6
-87.5°	6.2	6.2	6.2	7.9	9.8	11.8	13.9	15.7	17.5	19.3	21.1
-90°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	4.6	3.1	1.5	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°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	20.0	21.6	23.1
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°	1.8	1.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.1	3.3	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.5	1.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	1.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.5	3.8	2.5	1.0	0.0	0.3	0.9	0.7	0.0	0.3	0.8
67.5°	5.8	4.3	2.8	1.7	2.3	3.1	2.9	3.1	3.4	3.7	3.1
65°	6.0	4.6	4.6	5.4	6.1	6.7	7.2	7.6	6.4	5.6	5.7
62.5°	6.5	7.0	8.0	9.0	9.9	10.7	10.8	9.6	7.3	9.2	10.5
60°	9.2	10.1	11.4	12.6	13.8	14.5	13.9	14.0	15.6	18.1	34.6
57.5°	12.3	13.2	14.7	16.7	18.4	18.7	19.2	20.8	48.8	79.6	88.0
55°	15.5	16.2	18.8	21.9	23.7	23.5	33.7	71.1	107.4	148.7	164.0
52.5°	18.7	20.1	24.5	28.2	30.4	47.4	85.5	136.2	189.7	237.2	298.5
50°	21.9	26.4	31.0	36.3	57.8	102.1	157.8	227.0	307.6	383.5	461.3
47.5°	27.4	33.0	40.0	57.2	114.1	175.6	252.5	363.9	463.3	555.2	661.8
45°	33.9	45.5	53.2	113.3	179.4	258.7	388.9	525.2	615.4	738.3	926.9
42.5°	40.5	62.9	101.6	171.2	251.7	379.6	541.1	657.2	777.3	976.5	1174.7
40°	58.3	84.4	153.3	236.0	338.0	524.6	690.4	821.9	985.7	1206.6	1413.6
37.5°	79.9	128.8	206.0	305.2	473.5	678.0	855.6	1043.4	1231.7	1440.0	1823.9
35°	103.9	170.0	272.8	406.7	609.2	848.2	1059.9	1269.7	1486.7	1896.8	2277.8
32.5°	135.1	208.0	342.6	524.6	755.7	1018.1	1263.9	1506.3	1854.5	2318.5	2700.8
30°	168.8	268.9	423.0	633.8	893.7	1173.7	1469.2	1762.8	2223.6	2607.5	3022.6
27.5°	204.0	333.4	517.2	747.8	1022.9	1320.6	1654.0	2072.9	2483.8	2863.2	3319.4
25°	240.1	400.5	603.4	856.9	1150.0	1479.3	1862.8	2373.0	2694.4	3113.7	3589.6
22.5°	286.6	464.7	688.8	955.8	1267.8	1642.4	2131.5	2643.8	3022.1	3374.8	3839.6
20°	340.3	536.9	781.6	1079.6	1383.3	1801.7	2398.6	2937.4	3382.5	3786.3	4213.2
17.5°	390.5	604.5	880.9	1206.1	1551.2	2005.9	2660.8	3257.1	3746.8	4196.8	4729.9
15°	436.9	667.0	978.2	1325.8	1716.3	2239.8	2895.8	3550.7	4110.0	4616.3	5222.0
12.5°	479.3	724.1	1071.9	1437.8	1871.7	2441.4	3093.2	3732.4	4347.1	5006.9	5694.3
10°	517.6	775.4	1160.4	1541.3	2015.9	2611.9	3256.3	3883.9	4504.1	5202.3	5966.0
7.5°	558.6	823.5	1240.7	1635.3	2147.0	2752.8	3386.5	4005.5	4631.0	5358.6	6142.7
5°	596.5	867.6	1304.5	1702.6	2248.3	2862.7	3484.6	4097.8	4727.3	5475.1	6276.4
2.5°	629.8	904.8	1356.5	1755.4	2323.5	2943.6	3548.3	4174.8	4798.7	5569.7	6378.6
0°	658.1	934.9	1396.2	1796.0	2380.3	3001.5	3585.8	4225.4	4840.5	5633.9	6445.8
-2.5°	676.2	984.3	1423.4	1866.7	2429.9	3039.4	3619.3	4239.6	4885.5	5654.2	6521.2
-5°	688.9	1024.2	1439.8	1921.3	2462.3	3056.1	3630.4	4228.6	4897.5	5649.1	6532.3
-7.5°	696.3	1052.5	1447.5	1952.2	2473.7	3046.0	3611.7	4207.8	4877.8	5629.8	6483.4
-10°	700.6	1061.3	1457.9	1942.9	2458.7	3013.1	3570.1	4159.0	4822.0	5566.9	6390.6
-12.5°	712.2	1055.7	1456.1	1922.2	2426.4	2963.3	3508.4	4081.6	4729.0	5459.6	6262.4
-15°	715.1	1043.0	1438.7	1891.7	2376.9	2898.1	3427.6	3975.5	4614.4	5355.0	6120.5
-17.5°	708.6	1023.9	1404.6	1852.9	2310.7	2819.1	3332.5	3879.9	4506.9	5234.5	5971.5
-20°	692.1	999.1	1353.1	1807.0	2232.1	2731.4	3237.2	3779.7	4383.2	5067.2	5804.8



REPORT NUMBER: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-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°	665.2	969.1	1297.5	1743.0	2164.3	2630.6	3125.6	3643.2	4228.3	4850.2	5580.7
-25°	637.3	935.2	1253.6	1655.0	2082.7	2512.9	2997.3	3476.3	4046.4	4657.1	5305.3
-27.5°	610.9	888.0	1208.0	1558.7	1986.6	2387.2	2852.3	3319.5	3841.7	4440.2	5037.1
-30°	576.4	836.9	1152.3	1466.0	1871.7	2268.9	2690.5	3150.3	3619.9	4187.9	4775.2
-32.5°	545.9	783.8	1088.9	1395.4	1748.1	2135.5	2516.0	2954.3	3412.6	3896.8	4477.1
-35°	525.5	752.4	1021.7	1313.9	1622.1	1990.6	2352.5	2733.2	3177.1	3631.5	4141.0
-37.5°	509.0	716.3	951.0	1228.9	1522.3	1838.5	2177.3	2527.6	2914.9	3373.1	3852.1
-40°	483.0	675.7	898.6	1147.8	1406.7	1694.3	2008.8	2325.9	2661.6	3109.2	3581.8
-42.5°	449.7	636.4	849.2	1059.7	1296.2	1558.7	1838.2	2136.9	2459.6	2848.3	3282.8
-45°	424.1	586.1	794.3	982.8	1178.6	1418.7	1681.2	1951.7	2256.1	2589.9	2980.0
-47.5°	391.6	531.4	722.5	898.7	1071.2	1276.1	1516.1	1772.2	2041.8	2342.6	2662.4
-50°	356.8	485.7	634.7	806.2	970.7	1141.1	1345.8	1582.6	1827.2	2089.4	2374.7
-52.5°	330.4	432.4	568.3	711.1	867.9	1022.4	1196.8	1399.8	1618.3	1837.3	2088.3
-55°	300.6	393.1	505.2	633.2	766.6	909.7	1068.4	1246.3	1424.3	1625.6	1825.9
-57.5°	279.5	355.3	452.4	563.6	683.5	805.1	954.9	1105.2	1270.1	1436.7	1602.8
-60°	263.1	322.7	403.2	501.2	608.0	721.7	844.6	983.5	1125.4	1261.4	1405.0
-62.5°	244.4	296.2	359.1	439.0	535.5	634.4	742.7	861.7	990.1	1104.6	1215.9
-65°	220.0	265.1	319.1	384.1	459.9	543.5	635.8	736.1	847.0	939.9	1030.9
-67.5°	192.1	230.0	275.4	328.5	391.7	456.9	524.6	609.4	699.6	775.3	849.4
-70°	157.0	192.1	229.1	272.4	322.0	377.3	436.9	498.4	560.1	622.0	689.8
-72.5°	120.2	152.1	183.5	214.4	253.9	299.2	347.8	399.4	453.3	506.2	557.7
-75°	91.6	112.3	139.8	167.6	195.0	224.5	257.4	298.5	348.5	399.8	446.9
-77.5°	69.2	86.5	104.8	124.0	141.3	163.1	186.8	212.3	253.6	301.0	348.8
-80°	49.9	60.3	74.9	90.3	102.5	114.5	127.0	139.9	170.6	208.8	249.5
-82.5°	37.0	44.2	52.2	61.2	67.3	73.3	80.0	88.5	111.3	137.1	164.3
-85°	25.5	27.6	32.0	37.0	40.4	43.9	47.5	51.1	63.4	77.1	91.9
-87.5°	22.0	23.1	24.3	25.5	26.0	26.4	26.8	27.2	31.3	35.6	40.1
-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):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	24.6	26.2	27.7	29.3	30.8	32.3	33.9	35.4	36.9	36.9	36.9
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°	0.5	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.8	3.2	3.2	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	6.5	6.2	4.6	3.0	1.5	2.3	3.7	4.4	4.5	4.1	3.1
62.5°	9.8	9.0	8.1	9.4	11.2	12.9	12.4	11.8	10.9	10.4	10.8
60°	36.4	24.3	28.0	35.2	32.9	22.6	37.1	42.0	35.8	24.5	23.7
57.5°	92.2	89.0	102.0	148.9	163.9	149.3	178.4	216.7	215.5	185.6	184.6
55°	196.4	263.5	344.5	357.6	414.0	527.1	615.0	576.5	576.2	605.2	698.7
52.5°	373.1	436.4	460.0	522.9	640.8	726.3	781.3	838.2	900.5	964.1	1028.6
50°	547.6	609.0	678.8	743.3	906.4	994.2	979.5	1097.4	1248.2	1342.4	1390.8
47.5°	803.1	900.0	1047.6	1278.8	1400.5	1488.6	1598.0	1731.5	1904.3	2138.6	2319.1
45°	1104.1	1256.5	1484.8	1730.4	1919.3	2005.4	2130.7	2337.4	2612.9	2881.1	3077.0
42.5°	1350.0	1559.1	1816.7	2051.4	2205.5	2346.8	2509.0	2683.3	2998.8	3285.3	3511.8
40°	1671.0	1833.9	2122.8	2344.1	2482.0	2622.2	2879.2	3140.0	3436.8	3703.7	3889.2
37.5°	2077.9	2261.2	2561.7	2811.9	2944.7	2994.3	3431.3	3794.5	4035.6	4376.4	4487.9
35°	2514.9	2816.6	3199.6	3524.0	3654.2	3914.1	4364.4	4871.1	5420.2	5622.1	5794.3
32.5°	3002.5	3374.8	3894.4	4242.5	4428.4	4822.8	5392.6	5933.5	6651.5	7041.1	7157.6
30°	3448.7	3875.8	4322.4	4660.8	4978.5	5453.6	5973.2	6640.1	7304.0	7802.2	7956.9
27.5°	3776.1	4248.7	4678.0	4994.9	5353.4	5865.6	6513.5	7188.9	7840.5	8348.8	8529.4
25°	4088.5	4622.7	4962.7	5331.1	5752.1	6310.3	7028.3	7778.7	8420.6	8850.1	9071.6
22.5°	4444.0	4970.7	5335.7	5647.7	6198.1	6841.4	7507.8	8355.8	9035.8	9378.6	9618.7
20°	4810.9	5406.8	5970.5	6260.8	6737.1	7551.5	8297.6	9098.1	9754.8	10112.0	10364.9
17.5°	5322.7	6082.2	6773.6	7184.7	7694.7	8668.5	9599.4	10409.3	11322.7	11645.4	11954.5
15°	5862.4	6741.4	7551.4	8202.7	8861.4	9826.3	11024.7	12001.9	13044.2	13509.7	14036.0
12.5°	6400.5	7232.2	7966.1	8806.2	9734.7	10588.2	11729.1	12946.0	13891.8	14485.5	14839.8
10°	6802.6	7575.1	8281.3	9123.5	10050.2	11015.7	12149.4	13396.8	14386.9	14893.5	15182.7
7.5°	7019.7	7759.1	8504.0	9357.4	10279.9	11308.2	12476.3	13713.9	14726.3	15217.1	15502.7
5°	7180.9	7891.1	8662.3	9560.7	10493.5	11536.1	12702.6	13925.5	14848.6	15370.2	15731.3
2.5°	7278.5	7974.7	8763.3	9692.1	10627.2	11713.1	12936.0	14203.6	15011.3	15430.9	15762.9
0°	7306.8	8008.0	8819.9	9760.9	10720.4	11815.2	13026.9	14281.6	15099.6	15505.5	15843.8
-2.5°	7338.7	8060.6	8894.8	9805.5	10756.9	11848.6	13085.4	14308.0	15043.8	15453.5	15775.2
-5°	7316.5	8064.7	8896.3	9768.6	10726.2	11809.2	12996.6	14139.7	14909.5	15352.3	15672.3
-7.5°	7250.3	8009.1	8832.1	9670.5	10609.9	11705.2	12887.5	13988.3	14768.1	15235.0	15585.2
-10°	7153.9	7890.7	8719.4	9568.4	10496.5	11539.1	12703.3	13797.5	14543.8	15039.6	15447.7
-12.5°	7047.2	7768.6	8567.4	9381.8	10299.7	11329.4	12457.4	13493.2	14235.1	14775.9	15067.5
-15°	6888.9	7609.9	8373.6	9161.4	10056.0	11055.0	12132.5	13126.2	13854.8	14294.9	14617.1
-17.5°	6687.7	7395.1	8119.1	8866.3	9709.2	10693.0	11777.0	12757.1	13351.0	13744.0	14060.8
-20°	6472.2	7126.3	7812.2	8517.3	9334.3	10308.8	11373.4	12228.3	12788.1	13165.7	13464.8



REPORT NUMBER: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-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°	6226.0	6855.9	7483.7	8157.8	8958.9	9852.4	10792.7	11618.8	12220.6	12564.6	12841.0
-25°	5944.9	6557.8	7153.9	7804.9	8541.2	9344.3	10218.6	11030.5	11569.5	11934.9	12208.9
-27.5°	5642.2	6218.0	6800.4	7384.9	8046.9	8847.1	9656.8	10411.0	10871.1	11239.3	11515.1
-30°	5340.1	5858.0	6396.8	6950.2	7571.4	8292.9	9050.4	9684.6	10169.8	10527.6	10783.6
-32.5°	5012.7	5504.2	5981.5	6498.7	7083.7	7719.5	8384.2	8987.5	9506.0	9833.7	10049.4
-35°	4677.4	5153.1	5590.0	6059.5	6575.4	7124.2	7737.8	8332.7	8844.7	9104.0	9314.3
-37.5°	4328.0	4802.4	5216.7	5608.9	6053.3	6561.5	7159.1	7726.8	8169.1	8392.0	8581.5
-40°	4024.3	4442.0	4814.8	5190.1	5551.5	6002.7	6560.4	7110.0	7465.0	7682.2	7858.2
-42.5°	3729.5	4081.7	4387.1	4723.5	5085.2	5530.1	5980.1	6440.9	6726.2	6967.3	7152.7
-45°	3386.0	3701.0	3987.3	4267.1	4596.9	5003.1	5411.9	5781.0	6048.2	6281.2	6461.8
-47.5°	3006.3	3310.3	3588.3	3838.5	4145.0	4483.8	4828.0	5135.2	5399.0	5629.3	5790.4
-50°	2652.3	2923.9	3195.4	3448.6	3714.2	3988.3	4267.5	4537.1	4787.5	5011.3	5148.4
-52.5°	2335.2	2585.9	2823.1	3044.4	3276.9	3508.4	3739.6	3986.6	4217.1	4428.8	4538.3
-55°	2048.3	2274.3	2488.4	2674.9	2861.4	3045.0	3243.2	3471.2	3683.4	3879.6	3958.2
-57.5°	1790.8	1984.2	2173.7	2331.4	2483.6	2629.7	2803.7	2996.1	3181.8	3350.0	3414.3
-60°	1553.9	1707.4	1865.8	2005.7	2138.4	2263.7	2415.4	2570.4	2721.0	2847.7	2902.5
-62.5°	1336.0	1467.3	1587.3	1701.0	1813.4	1926.2	2048.6	2171.6	2293.3	2390.9	2440.3
-65°	1125.9	1230.4	1326.9	1420.4	1511.1	1605.9	1701.7	1795.1	1885.2	1955.0	1997.8
-67.5°	928.7	1008.1	1084.7	1157.6	1233.5	1310.3	1385.3	1456.8	1524.4	1578.4	1619.4
-70°	753.9	815.4	875.3	935.6	999.0	1058.7	1115.2	1168.7	1219.0	1257.9	1289.4
-72.5°	607.7	657.6	709.3	763.7	814.9	859.5	900.1	939.2	976.7	998.6	1015.0
-75°	489.9	531.9	576.9	620.9	663.7	697.6	727.4	756.3	784.0	785.5	779.9
-77.5°	395.8	433.3	468.1	502.7	536.8	557.7	576.0	594.8	613.7	602.8	585.4
-80°	290.5	321.7	351.3	381.0	410.8	423.1	431.7	439.2	445.5	431.2	413.4
-82.5°	192.8	212.5	231.7	251.3	271.1	279.0	284.9	289.8	293.7	280.7	265.7
-85°	107.6	117.1	126.4	135.7	145.1	150.7	155.7	160.4	164.6	156.9	148.1
-87.5°	44.7	46.9	49.0	51.1	53.1	55.0	57.0	58.8	60.7	60.9	61.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-740-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°	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	35.4
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°	1.8	0.3	0.0	0.0	0.0	0.3	1.8	3.1	4.1	4.5	4.4
62.5°	11.3	11.8	12.2	12.3	12.2	11.8	11.3	10.8	10.4	10.9	11.8
60°	21.8	19.1	18.4	18.5	18.4	19.1	21.8	23.7	24.5	35.8	42.0
57.5°	170.5	146.0	149.7	166.1	149.7	146.0	170.5	184.6	185.6	215.5	216.7
55°	796.8	889.4	922.2	904.1	922.2	889.4	796.8	698.7	605.2	576.2	576.5
52.5°	1079.6	1117.6	1132.3	1131.7	1132.3	1117.6	1079.6	1028.6	964.1	900.5	838.2
50°	1405.4	1392.6	1372.8	1353.1	1372.8	1392.6	1405.4	1390.8	1342.4	1248.2	1097.4
47.5°	2345.5	2304.9	2287.7	2318.8	2287.7	2304.9	2345.5	2319.1	2138.6	1904.3	1731.5
45°	3116.9	3164.5	3200.1	3198.3	3200.1	3164.5	3116.9	3077.0	2881.1	2612.9	2337.4
42.5°	3556.1	3581.5	3588.8	3579.6	3588.8	3581.5	3556.1	3511.8	3285.3	2998.8	2683.3
40°	3947.6	3977.8	3994.8	4010.2	3994.8	3977.8	3947.6	3889.2	3703.7	3436.8	3140.0
37.5°	4524.6	4535.7	4511.6	4496.0	4511.6	4535.7	4524.6	4487.9	4376.4	4035.6	3794.5
35°	5939.4	5968.4	5901.3	5972.2	5901.3	5968.4	5939.4	5794.3	5622.1	5420.2	4871.1
32.5°	7296.3	7432.1	7541.9	7632.8	7541.9	7432.1	7296.3	7157.6	7041.1	6651.5	5933.5
30°	8064.9	8152.5	8199.6	8211.0	8199.6	8152.5	8064.9	7956.9	7802.2	7304.0	6640.1
27.5°	8629.2	8721.1	8778.2	8819.9	8778.2	8721.1	8629.2	8529.4	8348.8	7840.5	7188.9
25°	9173.1	9257.1	9314.3	9336.5	9314.3	9257.1	9173.1	9071.6	8850.1	8420.6	7778.7
22.5°	9737.6	9795.9	9850.8	9877.8	9850.8	9795.9	9737.6	9618.7	9378.6	9035.8	8355.8
20°	10546.6	10514.9	10565.0	10548.2	10565.0	10514.9	10546.6	10364.9	10112.0	9754.8	9098.1
17.5°	12195.5	12212.6	12246.1	12301.1	12246.1	12212.6	12195.5	11954.5	11645.4	11322.7	10409.3
15°	14269.1	14310.9	14522.9	14712.1	14522.9	14310.9	14269.1	14036.0	13509.7	13044.2	12001.9
12.5°	15168.6	15313.0	15335.4	15388.7	15335.4	15313.0	15168.6	14839.8	14485.5	13891.8	12946.0
10°	15468.7	15718.8	15713.4	15776.1	15713.4	15718.8	15468.7	15182.7	14893.5	14386.9	13396.8
7.5°	15696.4	15965.0	16078.5	16126.7	16078.5	15965.0	15696.4	15502.7	15217.1	14726.3	13713.9
5°	15974.5	16122.2	16318.1	16262.0	16318.1	16122.2	15974.5	15731.3	15370.2	14848.6	13925.5
2.5°	16091.1	16322.4	16269.0	16323.5	16269.0	16322.4	16091.1	15762.9	15430.9	15011.3	14203.6
0°	16169.8	16335.8	16360.4	16415.8	16360.4	16335.8	16169.8	15843.8	15505.5	15099.6	14281.6
-2.5°	16074.4	16220.5	16476.5	16397.4	16476.5	16220.5	16074.4	15775.2	15453.5	15043.8	14308.0
-5°	15990.8	16350.5	16210.8	16385.1	16210.8	16350.5	15990.8	15672.3	15352.3	14909.5	14139.7
-7.5°	15947.6	16011.9	16104.6	16237.4	16104.6	16011.9	15947.6	15585.2	15235.0	14768.1	13988.3
-10°	15613.8	15679.5	15849.9	15942.2	15849.9	15679.5	15613.8	15447.7	15039.6	14543.8	13797.5
-12.5°	15251.7	15379.1	15558.0	15616.2	15558.0	15379.1	15251.7	15067.5	14775.9	14235.1	13493.2
-15°	14834.6	15023.9	15198.3	15234.9	15198.3	15023.9	14834.6	14617.1	14294.9	13854.8	13126.2
-17.5°	14304.3	14531.2	14714.5	14755.2	14714.5	14531.2	14304.3	14060.8	13744.0	13351.0	12757.1
-20°	13719.9	13937.3	14093.2	14140.1	14093.2	13937.3	13719.9	13464.8	13165.7	12788.1	12228.3



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13094.3	13290.0	13421.7	13402.0	13421.7	13290.0	13094.3	12841.0	12564.6	12220.6	11618.8
-25°	12430.1	12611.7	12737.2	12719.3	12737.2	12611.7	12430.1	12208.9	11934.9	11569.5	11030.5
-27.5°	11727.9	11899.9	12020.5	12024.3	12020.5	11899.9	11727.9	11515.1	11239.3	10871.1	10411.0
-30°	10989.9	11146.1	11244.1	11206.3	11244.1	11146.1	10989.9	10783.6	10527.6	10169.8	9684.6
-32.5°	10228.8	10370.2	10460.0	10486.7	10460.0	10370.2	10228.8	10049.4	9833.7	9506.0	8987.5
-35°	9478.1	9602.7	9680.3	9699.4	9680.3	9602.7	9478.1	9314.3	9104.0	8844.7	8332.7
-37.5°	8732.2	8839.4	8893.6	8869.1	8893.6	8839.4	8732.2	8581.5	8392.0	8169.1	7726.8
-40°	7995.2	8097.2	8159.3	8174.1	8159.3	8097.2	7995.2	7858.2	7682.2	7465.0	7110.0
-42.5°	7270.5	7355.4	7409.8	7436.0	7409.8	7355.4	7270.5	7152.7	6967.3	6726.2	6440.9
-45°	6567.2	6643.1	6694.2	6722.5	6694.2	6643.1	6567.2	6461.8	6281.2	6048.2	5781.0
-47.5°	5882.9	5949.4	5993.5	6015.2	5993.5	5949.4	5882.9	5790.4	5629.3	5399.0	5135.2
-50°	5228.6	5286.2	5327.3	5351.0	5327.3	5286.2	5228.6	5148.4	5011.3	4787.5	4537.1
-52.5°	4608.0	4658.4	4693.4	4711.3	4693.4	4658.4	4608.0	4538.3	4428.8	4217.1	3986.6
-55°	4015.5	4056.3	4088.7	4108.6	4088.7	4056.3	4015.5	3958.2	3879.6	3683.4	3471.2
-57.5°	3463.0	3496.3	3527.0	3548.9	3527.0	3496.3	3463.0	3414.3	3350.0	3181.8	2996.1
-60°	2945.7	2977.2	3003.3	3019.9	3003.3	2977.2	2945.7	2902.5	2847.7	2721.0	2570.4
-62.5°	2478.9	2506.8	2530.7	2546.3	2530.7	2506.8	2478.9	2440.3	2390.9	2293.3	2171.6
-65°	2031.5	2056.4	2074.3	2085.0	2074.3	2056.4	2031.5	1997.8	1955.0	1885.2	1795.1
-67.5°	1654.3	1683.1	1688.8	1685.2	1688.8	1683.1	1654.3	1619.4	1578.4	1524.4	1456.8
-70°	1317.6	1342.0	1347.7	1347.0	1347.7	1342.0	1317.6	1289.4	1257.9	1219.0	1168.7
-72.5°	1030.3	1043.5	1032.2	1014.8	1032.2	1043.5	1030.3	1015.0	998.6	976.7	939.2
-75°	773.1	764.6	752.7	738.1	752.7	764.6	773.1	779.9	785.5	784.0	756.3
-77.5°	566.2	545.3	531.5	516.6	531.5	545.3	566.2	585.4	602.8	613.7	594.8
-80°	394.2	373.7	359.5	344.4	359.5	373.7	394.2	413.4	431.2	445.5	439.2
-82.5°	249.7	232.8	224.3	215.3	224.3	232.8	249.7	265.7	280.7	293.7	289.8
-85°	138.7	128.8	123.0	116.9	123.0	128.8	138.7	148.1	156.9	164.6	160.4
-87.5°	61.3	61.4	58.4	55.4	58.4	61.4	61.3	61.1	60.9	60.7	58.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	33.9	32.3	30.8	29.3	27.7	26.2	24.6	23.1	21.6	20.0	18.5
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	0.2	0.2	0.0	0.0	0.5	0.8	0.3	0.0	0.7
67.5°	0.0	0.0	1.1	2.6	3.2	3.2	2.8	3.1	3.7	3.4	3.1
65°	3.7	2.3	1.5	3.0	4.6	6.2	6.5	5.7	5.6	6.4	7.6
62.5°	12.4	12.9	11.2	9.4	8.1	9.0	9.8	10.5	9.2	7.3	9.6
60°	37.1	22.6	32.9	35.2	28.0	24.3	36.4	34.6	18.1	15.6	14.0
57.5°	178.4	149.3	163.9	148.9	102.0	89.0	92.2	88.0	79.6	48.8	20.8
55°	615.0	527.1	414.0	357.6	344.5	263.5	196.4	164.0	148.7	107.4	71.1
52.5°	781.3	726.3	640.8	522.9	460.0	436.4	373.1	298.5	237.2	189.7	136.2
50°	979.5	994.2	906.4	743.3	678.8	609.0	547.6	461.3	383.5	307.6	227.0
47.5°	1598.0	1488.6	1400.5	1278.8	1047.6	900.0	803.1	661.8	555.2	463.3	363.9
45°	2130.7	2005.4	1919.3	1730.4	1484.8	1256.5	1104.1	926.9	738.3	615.4	525.2
42.5°	2509.0	2346.8	2205.5	2051.4	1816.7	1559.1	1350.0	1174.7	976.5	777.3	657.2
40°	2879.2	2622.2	2482.0	2344.1	2122.8	1833.9	1671.0	1413.6	1206.6	985.7	821.9
37.5°	3431.3	2994.3	2944.7	2811.9	2561.7	2261.2	2077.9	1823.9	1440.0	1231.7	1043.4
35°	4364.4	3914.1	3654.2	3524.0	3199.6	2816.6	2514.9	2277.8	1896.8	1486.7	1269.7
32.5°	5392.6	4822.8	4428.4	4242.5	3894.4	3374.8	3002.5	2700.8	2318.5	1854.5	1506.3
30°	5973.2	5453.6	4978.5	4660.8	4322.4	3875.8	3448.7	3022.6	2607.5	2223.6	1762.8
27.5°	6513.5	5865.6	5353.4	4994.9	4678.0	4248.7	3776.1	3319.4	2863.2	2483.8	2072.9
25°	7028.3	6310.3	5752.1	5331.1	4962.7	4622.7	4088.5	3589.6	3113.7	2694.4	2373.0
22.5°	7507.8	6841.4	6198.1	5647.7	5335.7	4970.7	4444.0	3839.6	3374.8	3022.1	2643.8
20°	8297.6	7551.5	6737.1	6260.8	5970.5	5406.8	4810.9	4213.2	3786.3	3382.5	2937.4
17.5°	9599.4	8668.5	7694.7	7184.7	6773.6	6082.2	5322.7	4729.9	4196.8	3746.8	3257.1
15°	11024.7	9826.3	8861.4	8202.7	7551.4	6741.4	5862.4	5222.0	4616.3	4110.0	3550.7
12.5°	11729.1	10588.2	9734.7	8806.2	7966.1	7232.2	6400.5	5694.3	5006.9	4347.1	3732.4
10°	12149.4	11015.7	10050.2	9123.5	8281.3	7575.1	6802.6	5966.0	5202.3	4504.1	3883.9
7.5°	12476.3	11308.2	10279.9	9357.4	8504.0	7759.1	7019.7	6142.7	5358.6	4631.0	4005.5
5°	12702.6	11536.1	10493.5	9560.7	8662.3	7891.1	7180.9	6276.4	5475.1	4727.3	4097.8
2.5°	12936.0	11713.1	10627.2	9692.1	8763.3	7974.7	7278.5	6378.6	5569.7	4798.7	4174.8
0°	13026.9	11815.2	10720.4	9760.9	8819.9	8008.0	7306.8	6445.8	5633.9	4840.5	4225.4
-2.5°	13085.4	11848.6	10756.9	9805.5	8894.8	8060.6	7338.7	6521.2	5654.2	4885.5	4239.6
-5°	12996.6	11809.2	10726.2	9768.6	8896.3	8064.7	7316.5	6532.3	5649.1	4897.5	4228.6
-7.5°	12887.5	11705.2	10609.9	9670.5	8832.1	8009.1	7250.3	6483.4	5629.8	4877.8	4207.8
-10°	12703.3	11539.1	10496.5	9568.4	8719.4	7890.7	7153.9	6390.6	5566.9	4822.0	4159.0
-12.5°	12457.4	11329.4	10299.7	9381.8	8567.4	7768.6	7047.2	6262.4	5459.6	4729.0	4081.6
-15°	12132.5	11055.0	10056.0	9161.4	8373.6	7609.9	6888.9	6120.5	5355.0	4614.4	3975.5
-17.5°	11777.0	10693.0	9709.2	8866.3	8119.1	7395.1	6687.7	5971.5	5234.5	4506.9	3879.9
-20°	11373.4	10308.8	9334.3	8517.3	7812.2	7126.3	6472.2	5804.8	5067.2	4383.2	3779.7



REPORT NUMBER: P627830 (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°	10792.7	9852.4	8958.9	8157.8	7483.7	6855.9	6226.0	5580.7	4850.2	4228.3	3643.2
-25°	10218.6	9344.3	8541.2	7804.9	7153.9	6557.8	5944.9	5305.3	4657.1	4046.4	3476.3
-27.5°	9656.8	8847.1	8046.9	7384.9	6800.4	6218.0	5642.2	5037.1	4440.2	3841.7	3319.5
-30°	9050.4	8292.9	7571.4	6950.2	6396.8	5858.0	5340.1	4775.2	4187.9	3619.9	3150.3
-32.5°	8384.2	7719.5	7083.7	6498.7	5981.5	5504.2	5012.7	4477.1	3896.8	3412.6	2954.3
-35°	7737.8	7124.2	6575.4	6059.5	5590.0	5153.1	4677.4	4141.0	3631.5	3177.1	2733.2
-37.5°	7159.1	6561.5	6053.3	5608.9	5216.7	4802.4	4328.0	3852.1	3373.1	2914.9	2527.6
-40°	6560.4	6002.7	5551.5	5190.1	4814.8	4442.0	4024.3	3581.8	3109.2	2661.6	2325.9
-42.5°	5980.1	5530.1	5085.2	4723.5	4387.1	4081.7	3729.5	3282.8	2848.3	2459.6	2136.9
-45°	5411.9	5003.1	4596.9	4267.1	3987.3	3701.0	3386.0	2980.0	2589.9	2256.1	1951.7
-47.5°	4828.0	4483.8	4145.0	3838.5	3588.3	3310.3	3006.3	2662.4	2342.6	2041.8	1772.2
-50°	4267.5	3988.3	3714.2	3448.6	3195.4	2923.9	2652.3	2374.7	2089.4	1827.2	1582.6
-52.5°	3739.6	3508.4	3276.9	3044.4	2823.1	2585.9	2335.2	2088.3	1837.3	1618.3	1399.8
-55°	3243.2	3045.0	2861.4	2674.9	2488.4	2274.3	2048.3	1825.9	1625.6	1424.3	1246.3
-57.5°	2803.7	2629.7	2483.6	2331.4	2173.7	1984.2	1790.8	1602.8	1436.7	1270.1	1105.2
-60°	2415.4	2263.7	2138.4	2005.7	1865.8	1707.4	1553.9	1405.0	1261.4	1125.4	983.5
-62.5°	2048.6	1926.2	1813.4	1701.0	1587.3	1467.3	1336.0	1215.9	1104.6	990.1	861.7
-65°	1701.7	1605.9	1511.1	1420.4	1326.9	1230.4	1125.9	1030.9	939.9	847.0	736.1
-67.5°	1385.3	1310.3	1233.5	1157.6	1084.7	1008.1	928.7	849.4	775.3	699.6	609.4
-70°	1115.2	1058.7	999.0	935.6	875.3	815.4	753.9	689.8	622.0	560.1	498.4
-72.5°	900.1	859.5	814.9	763.7	709.3	657.6	607.7	557.7	506.2	453.3	399.4
-75°	727.4	697.6	663.7	620.9	576.9	531.9	489.9	446.9	399.8	348.5	298.5
-77.5°	576.0	557.7	536.8	502.7	468.1	433.3	395.8	348.8	301.0	253.6	212.3
-80°	431.7	423.1	410.8	381.0	351.3	321.7	290.5	249.5	208.8	170.6	139.9
-82.5°	284.9	279.0	271.1	251.3	231.7	212.5	192.8	164.3	137.1	111.3	88.5
-85°	155.7	150.7	145.1	135.7	126.4	117.1	107.6	91.9	77.1	63.4	51.1
-87.5°	57.0	55.0	53.1	51.1	49.0	46.9	44.7	40.1	35.6	31.3	27.2
-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: P627830 (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°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	17.0	15.4	13.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.3
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	1.0	1.9
82.5°	0.0	0.0	0.0	0.1	1.0	1.6	1.8	1.6	0.9	0.1	0.5
80°	0.0	0.0	0.0	0.2	1.5	3.3	4.1	4.2	3.2	2.2	1.2
77.5°	0.0	0.0	0.0	0.1	0.6	1.8	3.5	5.6	5.6	4.3	3.1
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.3	3.3	5.0	6.1	4.9
72.5°	0.0	0.0	0.0	0.8	1.7	1.8	1.0	1.1	3.6	5.3	6.1
70°	0.9	0.3	0.0	1.0	2.5	3.8	3.5	2.8	2.4	4.5	5.9
67.5°	2.9	3.1	2.3	1.7	2.8	4.3	5.8	5.5	4.8	4.0	5.7
65°	7.2	6.7	6.1	5.4	4.6	4.6	6.0	7.6	7.2	6.2	5.7
62.5°	10.8	10.7	9.9	9.0	8.0	7.0	6.5	8.5	9.4	8.3	7.0
60°	13.9	14.5	13.8	12.6	11.4	10.1	9.2	9.7	10.8	10.4	8.8
57.5°	19.2	18.7	18.4	16.7	14.7	13.2	12.3	12.1	12.4	12.2	10.7
55°	33.7	23.5	23.7	21.9	18.8	16.2	15.5	15.0	14.3	14.1	12.5
52.5°	85.5	47.4	30.4	28.2	24.5	20.1	18.7	17.9	16.9	16.1	14.2
50°	157.8	102.1	57.8	36.3	31.0	26.4	21.9	20.8	19.5	18.3	16.0
47.5°	252.5	175.6	114.1	57.2	40.0	33.0	27.4	23.7	22.1	20.6	17.7
45°	388.9	258.7	179.4	113.3	53.2	45.5	33.9	26.5	24.7	22.7	19.4
42.5°	541.1	379.6	251.7	171.2	101.6	62.9	40.5	32.2	27.3	25.0	21.3
40°	690.4	524.6	338.0	236.0	153.3	84.4	58.3	38.4	29.8	27.4	23.4
37.5°	855.6	678.0	473.5	305.2	206.0	128.8	79.9	44.7	33.9	30.0	25.5
35°	1059.9	848.2	609.2	406.7	272.8	170.0	103.9	56.9	41.6	32.7	27.8
32.5°	1263.9	1018.1	755.7	524.6	342.6	208.0	135.1	81.2	50.7	35.5	30.1
30°	1469.2	1173.7	893.7	633.8	423.0	268.9	168.8	104.8	61.1	38.4	32.4
27.5°	1654.0	1320.6	1022.9	747.8	517.2	333.4	204.0	127.7	72.6	43.5	34.8
25°	1862.8	1479.3	1150.0	856.9	603.4	400.5	240.1	150.1	89.4	52.4	37.2
22.5°	2131.5	1642.4	1267.8	955.8	688.8	464.7	286.6	179.7	107.9	61.8	39.6
20°	2398.6	1801.7	1383.3	1079.6	781.6	536.9	340.3	209.1	125.5	71.5	42.0
17.5°	2660.8	2005.9	1551.2	1206.1	880.9	604.5	390.5	238.0	142.0	81.4	44.4
15°	2895.8	2239.8	1716.3	1325.8	978.2	667.0	436.9	266.1	157.5	91.4	47.5
12.5°	3093.2	2441.4	1871.7	1437.8	1071.9	724.1	479.3	293.0	171.9	102.5	51.8
10°	3256.3	2611.9	2015.9	1541.3	1160.4	775.4	517.6	320.0	188.7	114.2	56.3
7.5°	3386.5	2752.8	2147.0	1635.3	1240.7	823.5	558.6	348.4	204.9	125.4	60.8
5°	3484.6	2862.7	2248.3	1702.6	1304.5	867.6	596.5	374.5	220.0	135.8	65.4
2.5°	3548.3	2943.6	2323.5	1755.4	1356.5	904.8	629.8	397.9	233.7	145.4	69.7
0°	3585.8	3001.5	2380.3	1796.0	1396.2	934.9	658.1	418.2	246.0	153.8	73.8
-2.5°	3619.3	3039.4	2429.9	1866.7	1423.4	984.3	676.2	436.5	265.4	159.9	81.3
-5°	3630.4	3056.1	2462.3	1921.3	1439.8	1024.2	688.9	451.5	282.4	164.8	88.2
-7.5°	3611.7	3046.0	2473.7	1952.2	1447.5	1052.5	696.3	463.2	296.3	168.6	94.2
-10°	3570.1	3013.1	2458.7	1942.9	1457.9	1061.3	700.6	471.9	306.4	171.5	99.2
-12.5°	3508.4	2963.3	2426.4	1922.2	1456.1	1055.7	712.2	478.6	311.7	173.4	102.8
-15°	3427.6	2898.1	2376.9	1891.7	1438.7	1043.0	715.1	481.0	311.1	177.0	105.1
-17.5°	3332.5	2819.1	2310.7	1852.9	1404.6	1023.9	708.6	478.0	308.0	182.3	107.3
-20°	3237.2	2731.4	2232.1	1807.0	1353.1	999.1	692.1	469.3	302.3	185.8	109.6

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

Scaled Data Report



REPORT NUMBER: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-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°	3125.6	2630.6	2164.3	1743.0	1297.5	969.1	665.2	454.4	294.2	187.3	110.5
-25°	2997.3	2512.9	2082.7	1655.0	1253.6	935.2	637.3	433.1	283.8	186.7	110.2
-27.5°	2852.3	2387.2	1986.6	1558.7	1208.0	888.0	610.9	417.5	274.9	184.1	108.5
-30°	2690.5	2268.9	1871.7	1466.0	1152.3	836.9	576.4	400.1	270.9	180.6	105.5
-32.5°	2516.0	2135.5	1748.1	1395.4	1088.9	783.8	545.9	380.3	264.2	176.3	105.7
-35°	2352.5	1990.6	1622.1	1313.9	1021.7	752.4	525.5	358.4	254.6	170.1	106.3
-37.5°	2177.3	1838.5	1522.3	1228.9	951.0	716.3	509.0	348.6	242.2	162.3	105.9
-40°	2008.8	1694.3	1406.7	1147.8	898.6	675.7	483.0	337.7	230.4	152.7	104.5
-42.5°	1838.2	1558.7	1296.2	1059.7	849.2	636.4	449.7	320.9	220.9	147.2	102.0
-45°	1681.2	1418.7	1178.6	982.8	794.3	586.1	424.1	299.9	209.2	143.3	99.9
-47.5°	1516.1	1276.1	1071.2	898.7	722.5	531.4	391.6	283.3	195.0	138.1	98.4
-50°	1345.8	1141.1	970.7	806.2	634.7	485.7	356.8	263.6	190.0	134.0	96.0
-52.5°	1196.8	1022.4	867.9	711.1	568.3	432.4	330.4	242.4	183.3	130.6	92.6
-55°	1068.4	909.7	766.6	633.2	505.2	393.1	300.6	232.3	174.9	126.3	88.5
-57.5°	954.9	805.1	683.5	563.6	452.4	355.3	279.5	220.3	166.2	120.4	84.8
-60°	844.6	721.7	608.0	501.2	403.2	322.7	263.1	206.5	155.8	112.9	80.6
-62.5°	742.7	634.4	535.5	439.0	359.1	296.2	244.4	190.4	143.5	103.5	75.1
-65°	635.8	543.5	459.9	384.1	319.1	265.1	220.0	172.2	127.4	92.2	68.0
-67.5°	524.6	456.9	391.7	328.5	275.4	230.0	192.1	147.9	108.5	79.1	59.7
-70°	436.9	377.3	322.0	272.4	229.1	192.1	157.0	119.6	87.5	67.7	50.9
-72.5°	347.8	299.2	253.9	214.4	183.5	152.1	120.2	91.5	72.5	55.9	41.6
-75°	257.4	224.5	195.0	167.6	139.8	112.3	91.6	72.8	57.1	43.5	35.1
-77.5°	186.8	163.1	141.3	124.0	104.8	86.5	69.2	53.3	43.3	36.1	29.5
-80°	127.0	114.5	102.5	90.3	74.9	60.3	49.9	41.1	34.9	29.1	23.8
-82.5°	80.0	73.3	67.3	61.2	52.2	44.2	37.0	31.0	26.3	22.0	19.3
-85°	47.5	43.9	40.4	37.0	32.0	27.6	25.5	23.6	21.6	19.6	17.5
-87.5°	26.8	26.4	26.0	25.5	24.3	23.1	22.0	21.1	19.3	17.5	15.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	4.6

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Scaled Data Report



REPORT NUMBER: P627830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.3	10.8	9.3	7.7	6.2	6.2	6.2
87.5°	4.6	5.2	5.7	6.0	6.2	6.2	6.2
85°	3.0	4.2	5.1	5.8	6.2	6.2	6.2
82.5°	1.5	3.2	4.6	5.6	6.2	6.2	6.2
80°	0.3	2.3	4.1	5.4	6.2	6.2	6.2
77.5°	1.9	2.1	3.7	5.3	6.2	6.2	6.2
75°	3.5	3.1	3.4	5.1	6.2	6.2	6.2
72.5°	5.0	4.0	3.9	5.0	6.2	6.2	6.2
70°	6.2	4.9	4.5	5.0	6.2	6.2	6.2
67.5°	6.4	5.8	4.9	5.2	6.2	6.2	6.2
65°	6.6	6.4	5.4	5.4	6.2	6.2	6.2
62.5°	6.9	6.9	5.8	5.6	6.2	6.2	6.2
60°	7.4	7.4	6.2	5.7	6.2	6.2	6.2
57.5°	8.8	8.0	6.8	5.9	6.3	6.2	6.2
55°	10.3	8.6	7.4	6.0	6.4	6.2	6.2
52.5°	11.9	9.4	8.0	6.1	6.5	6.2	6.2
50°	13.4	10.7	8.7	6.2	6.6	6.2	6.2
47.5°	14.8	11.9	9.4	6.3	6.8	6.2	6.2
45°	16.3	13.1	10.2	6.9	6.9	6.2	6.2
42.5°	17.7	14.3	10.9	7.5	7.1	6.2	6.2
40°	19.1	15.4	11.8	8.2	7.4	6.2	6.2
37.5°	20.4	16.6	12.6	9.0	7.6	6.2	6.2
35°	21.7	17.6	13.5	9.8	7.9	6.2	6.2
32.5°	23.1	18.7	14.3	10.6	8.1	6.2	6.2
30°	24.9	19.6	15.1	11.4	8.4	6.2	6.2
27.5°	26.8	20.6	16.1	12.1	8.7	6.2	6.2
25°	28.6	21.5	17.1	12.8	9.1	6.2	6.2
22.5°	30.4	22.4	18.0	13.5	9.4	6.2	6.2
20°	32.1	23.6	18.9	14.2	9.7	6.2	6.2
17.5°	33.9	24.6	19.7	14.8	10.1	6.2	6.2
15°	35.6	25.7	20.6	15.4	10.4	6.2	6.2
12.5°	37.2	26.7	21.3	16.0	10.7	6.2	6.2
10°	38.6	27.6	22.1	16.6	11.1	6.2	6.2
7.5°	40.0	28.5	22.8	17.1	11.4	6.2	6.2
5°	41.2	29.3	23.4	17.6	11.7	6.2	6.2
2.5°	42.2	30.1	24.0	18.1	12.0	6.2	6.2
0°	43.1	30.8	24.6	18.5	12.3	6.2	6.2
-2.5°	45.5	31.4	25.1	18.5	12.3	6.2	6.2
-5°	47.7	32.0	25.6	18.4	12.3	6.2	6.2
-7.5°	49.6	32.6	26.0	18.3	12.2	6.2	6.2
-10°	51.1	33.0	26.3	18.2	12.1	6.2	6.2
-12.5°	52.3	33.4	26.5	18.1	12.0	6.2	6.2
-15°	53.1	33.7	26.6	17.9	11.9	6.2	6.2
-17.5°	53.3	34.0	26.5	17.6	11.7	6.2	6.2
-20°	54.7	34.2	26.4	17.4	11.6	6.2	6.2

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CATALOG NUMBER: GFLD-SA6B-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	58.2	34.4	26.0	17.1	11.4	6.2	6.2
-25°	61.1	36.6	25.6	16.7	11.2	6.2	6.2
-27.5°	63.3	39.5	25.0	16.4	10.9	6.2	6.2
-30°	64.9	42.0	24.4	16.0	10.7	6.2	6.2
-32.5°	65.7	44.0	25.2	15.6	10.4	6.2	6.2
-35°	67.5	45.6	25.9	15.1	10.1	6.2	6.2
-37.5°	69.3	46.6	26.3	14.6	9.8	6.2	6.2
-40°	70.4	47.0	26.5	14.1	9.4	6.2	6.2
-42.5°	70.8	47.0	26.7	13.8	9.1	6.2	6.2
-45°	70.4	46.7	26.8	13.9	8.7	6.2	6.2
-47.5°	69.4	46.0	26.6	13.8	8.3	6.2	6.2
-50°	67.9	44.9	26.1	13.6	7.9	6.2	6.2
-52.5°	66.0	43.5	25.4	13.4	7.5	6.2	6.2
-55°	63.7	41.7	24.3	13.0	7.1	6.2	6.2
-57.5°	60.9	39.4	22.9	12.6	6.6	6.2	6.2
-60°	57.5	36.7	21.3	12.0	6.2	6.2	6.2
-62.5°	52.9	33.6	20.1	11.4	6.2	6.2	6.2
-65°	47.6	30.1	18.8	10.6	6.2	6.2	6.2
-67.5°	41.9	27.1	17.4	9.8	6.2	6.2	6.2
-70°	35.7	24.6	15.8	8.9	6.2	6.2	6.2
-72.5°	31.5	21.9	14.1	8.7	6.2	6.2	6.2
-75°	27.4	19.1	12.3	8.6	6.2	6.2	6.2
-77.5°	23.2	16.2	11.7	8.6	6.2	6.2	6.2
-80°	18.8	14.6	11.2	8.4	6.2	6.2	6.2
-82.5°	17.0	13.7	10.8	8.3	6.2	6.2	6.2
-85°	15.5	12.7	10.3	8.1	6.2	6.2	6.2
-87.5°	13.9	11.8	9.8	7.9	6.2	6.2	6.2
-90°	6.2	6.2	6.2	6.2	6.2	6.2	6.2

(END OF REPORT)